



# **Synergy Resources Corporation**

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

**OH  
Plan #1**

## **Anticollision Report**

**25 April, 2017**



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

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

Survey Tool Program		Date	4/24/2017		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.00	13,368.84	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	12,601.26	7,068.66	1,865.25	1,460.22	4.605	CC, ES
146 COMPANY #14-1 - OH - OH	12,800.00	7,070.30	1,875.81	1,466.56	4.584	SF
ANDERSON #1-10-6-66(PA) - OH - OH	13,368.87	7,113.00	1,068.12	684.27	2.783	CC, ES, SF
ANDERSON #32-10(PR) - OH - OH	13,368.87	7,151.00	4,011.49	3,609.07	9.969	CC, ES, SF
ANDERSON #42-10(PR) - OH - OH	13,368.87	7,141.00	3,326.63	2,902.79	7.849	CC, ES, SF
ANDERSON/JANUARY #1(PR) - OH - OH	12,738.64	7,128.80	2,044.58	1,633.63	4.975	CC
ANDERSON/JANUARY #1(PR) - OH - OH	12,800.00	7,129.30	2,045.50	1,632.75	4.956	ES
ANDERSON/JANUARY #1(PR) - OH - OH	13,000.00	7,130.95	2,061.22	1,643.62	4.936	SF
BLACK GOLD #5(PR) - OH - OH	13,368.87	7,143.00	4,251.02	3,932.41	13.342	CC, ES, SF
BLACK GOLD PETROLEUM #1(PR) - OH - OH	13,368.87	7,124.00	4,752.33	4,459.21	16.213	CC, ES, SF
BLACK GOLD PETROLEUM #2(SI) - OH - OH	13,368.87	7,105.72	5,166.72	5,058.86	47.904	CC, ES, SF
BLACKGOLD #3(PA) - OH - OH	13,368.87	7,125.00	3,611.73	3,313.90	12.127	CC, ES, SF
CARLSON #10-1(PA) - OH - OH	13,368.87	7,137.00	4,843.52	4,467.94	12.896	CC, ES, SF
CARLSON #14-1(PR) - OH - OH	9,000.08	7,091.17	785.81	691.23	8.308	CC, ES
CARLSON #14-1(PR) - OH - OH	9,100.00	7,094.64	792.13	696.46	8.279	SF
CARLSON #14-2(SI) - OH - OH	10,107.67	7,044.07	1,849.04	1,512.63	5.496	CC, ES
CARLSON #14-2(SI) - OH - OH	10,300.00	7,045.65	1,859.02	1,518.54	5.460	SF
Fagerberg 11C-7-M - OH - OH	2,214.81	2,139.39	117.96	96.97	5.621	CC, ES, SF
Fagerberg 11N-7A-M - OH - OH	1,962.85	1,903.57	122.93	103.42	6.303	CC, ES
Fagerberg 11N-7A-M - OH - OH	2,000.00	1,935.87	124.25	104.42	6.267	SF
Fagerberg 15N-7A-M - OH - OH	3,245.06	3,102.35	185.98	154.17	5.846	CC
Fagerberg 15N-7A-M - OH - OH	7,350.00	7,341.09	206.72	133.34	2.817	ES, SF
Fagerberg 23N-7C-M - OH - OH	3,057.45	2,936.93	189.37	159.36	6.310	CC, ES
Fagerberg 23N-7C-M - OH - OH	3,100.00	2,976.71	189.96	159.49	6.236	SF
Fagerberg 25N(S)-7B-M - OH - OH	2,006.63	1,940.08	201.51	181.84	10.244	CC, ES
Fagerberg 25N(S)-7B-M - OH - OH	2,100.00	2,021.54	206.92	186.38	10.073	SF
Fagerberg 25N-7B-M - OH - OH	1,713.27	1,671.79	279.61	262.13	15.992	CC, ES
Fagerberg 25N-7B-M - OH - OH	1,800.00	1,738.68	284.67	266.40	15.579	SF
Fagerberg 25N-7C-M - OH - OH	1,831.04	1,780.91	254.68	236.65	14.127	CC, ES
Fagerberg 25N-7C-M - OH - OH	1,900.00	1,841.84	257.18	238.47	13.747	SF
Fagerberg 28N-18B-M - OH - OH	7,815.33	7,317.69	221.75	146.43	2.944	CC, ES, SF
Fagerberg 36C-7-M - OH - OH	7,733.80	7,263.79	117.24	44.13	1.604	CC, ES, SF
Fagerberg 36N-7B-M - OH - OH	3,375.55	3,193.76	371.37	338.67	11.358	CC
Fagerberg 36N-7B-M - OH - OH	3,600.00	3,418.24	373.62	338.16	10.537	ES
Fagerberg 36N-7B-M - OH - OH	7,400.00	7,510.33	439.88	366.70	6.011	SF
Fagerberg 3C-18-M - OH - OH	3,021.71	2,836.54	476.92	448.52	16.789	CC
Fagerberg 3C-18-M - OH - OH	3,100.00	2,911.27	477.31	448.07	16.326	ES

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

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

## Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
Falken 9-11 PAD						
Fagerberg 3C-18-M - OH - OH	7,922.34	7,135.52	617.04	538.06	7.813	SF
Fagerberg 6C-7-M - OH - OH	2,414.46	2,303.14	232.68	209.40	9.994	CC, ES
Fagerberg 6C-7-M - OH - OH	2,500.00	2,374.73	236.76	212.72	9.846	SF
Fagerberg 6N-7C-M - OH - OH	2,348.18	2,240.15	254.62	232.00	11.256	CC, ES
Fagerberg 6N-7C-M - OH - OH	2,400.00	2,283.60	255.92	232.81	11.075	SF
Falken 16C-9-L - OH - Plan #1	200.00	200.00	60.11	53.44	9.007	CC, ES
Falken 16C-9-L - OH - Plan #1	13,368.87	13,358.97	946.20	585.64	2.624	SF
Falken 16N-9B-L - OH - Plan #1	200.00	200.00	45.18	38.50	6.769	CC, ES
Falken 16N-9B-L - OH - Plan #1	13,368.87	13,229.40	676.48	314.60	1.869	SF
Falken 30C-14-S - OH - Plan #1	200.00	200.00	14.93	8.26	2.237	CC
Falken 30C-14-S - OH - Plan #1	6,850.00	6,843.50	62.81	-13.65	0.822	Level 1, SF
Falken 30C-14-S - OH - Plan #1	13,368.87	13,552.31	265.26	-20.73	0.928	Level 1, ES
Falken 31C-14-S - Plan #1 - Plan #1	800.35	790.04	65.57	56.32	7.089	CC
Falken 31C-14-S - Plan #1 - Plan #1	900.00	887.94	66.00	56.07	6.648	ES
Falken 31C-14-S - Plan #1 - Plan #1	12,963.58	13,488.60	1,107.32	771.27	3.295	SF
Falken 31N-14B-S - OH - Plan #1	797.07	789.25	50.63	41.40	5.486	CC
Falken 31N-14B-S - OH - Plan #1	900.00	890.88	51.10	41.16	5.145	ES
Falken 31N-14B-S - OH - Plan #1	12,957.04	13,258.35	885.27	544.25	2.596	SF
Falken 32C-9-L - OH - Plan #1	200.00	200.00	179.97	173.30	26.966	CC, ES
Falken 32C-9-L - OH - Plan #1	13,368.87	13,338.29	2,654.91	2,292.64	7.329	SF
Falken 32N-9B-L - OH - Plan #1	200.00	200.00	165.04	158.37	24.728	CC, ES
Falken 32N-9B-L - OH - Plan #1	13,368.87	13,157.02	2,442.74	2,080.15	6.737	SF
Falken 33C-9-L - OH - Plan #1	200.00	200.00	89.99	83.31	13.483	CC, ES
Falken 33C-9-L - OH - Plan #1	13,368.87	13,322.54	1,313.46	951.78	3.632	SF
Falken 33N-9A-L - OH - Plan #1	200.00	200.00	104.93	98.26	15.722	CC, ES
Falken 33N-9A-L - OH - Plan #1	13,368.87	13,014.94	1,699.07	1,338.50	4.712	SF
Falken 33N-9B-L - OH - Plan #1	200.00	200.00	119.86	113.18	17.959	CC, ES
Falken 33N-9B-L - OH - Plan #1	13,368.87	13,150.78	1,820.79	1,457.53	5.012	SF
Falken 33N-9C-L - OH - Plan #1	200.00	200.00	75.06	68.38	11.246	CC, ES
Falken 33N-9C-L - OH - Plan #1	13,368.87	13,238.32	1,183.68	820.75	3.261	SF
Falken 34C-9-L - OH - Plan #1	200.00	200.00	29.87	23.20	4.476	CC, ES
Falken 34C-9-L - OH - Plan #1	13,368.87	13,428.10	503.18	149.20	1.421	Level 3, SF
Falken 34N-9C-L - OH - Plan #1	200.00	200.00	14.94	8.27	2.239	CC
Falken 34N-9C-L - OH - Plan #1	13,368.87	13,334.04	353.45	-8.82	0.976	Level 1, ES, SF
Falken 4N-14A-S - OH - Plan #1	724.55	721.84	21.61	12.85	2.466	CC
Falken 4N-14A-S - OH - Plan #1	800.00	797.02	21.89	12.65	2.370	ES
Falken 4N-14A-S - OH - Plan #1	12,966.13	13,011.83	453.89	121.69	1.366	Level 3, SF
Falken 4N-14C-S - OH - Plan #1	200.00	200.00	44.81	38.13	6.714	CC
Falken 4N-14C-S - OH - Plan #1	400.00	397.29	45.21	38.00	6.276	ES
Falken 4N-14C-S - OH - Plan #1	12,967.77	13,220.92	661.57	322.82	1.953	SF
Falken 9C-9-L - OH - Plan #1	200.00	200.00	135.17	128.49	20.253	CC, ES
Falken 9C-9-L - OH - Plan #1	13,368.87	13,402.77	2,129.25	1,764.35	5.835	SF
Falken 9N-9C-L - OH - Plan #1	200.00	200.00	150.10	143.43	22.490	CC, ES
Falken 9N-9C-L - OH - Plan #1	13,368.87	13,152.00	2,369.95	2,008.34	6.554	SF
GILLESPIE #11-1(PA) - OH - OH	200.00	204.00	2,326.60	2,316.96	241.480	CC
GILLESPIE #11-1(PA) - OH - OH	300.00	304.02	2,328.31	2,315.41	180.551	ES
GILLESPIE #11-1(PA) - OH - OH	10,800.00	7,085.78	3,525.71	3,170.45	9.924	SF
Harvesters Resources #15M-303(PR) - OH - OH	13,368.87	7,064.44	2,596.45	2,522.49	35.105	CC, ES, SF
Harvesters Resources #15M-423(PR) - OH - OH	13,368.87	7,094.25	2,258.49	2,185.07	30.764	CC, ES, SF
Harvesters Resources #15R-243(PR) - OH - OH	13,368.87	7,024.68	1,785.60	1,711.03	23.944	CC, ES, SF
Harvesters Resources #15R-323(PR) - OH - OH	13,368.87	7,048.93	1,110.87	1,034.52	14.551	CC, ES, SF
Harvesters Resources #15R-403(PR) - OH - OH	13,368.87	7,105.17	1,431.33	1,357.48	19.382	CC, ES, SF
Harvesters Resources #15U-203(PR) - OH - OH	13,368.87	7,000.00	335.83	208.57	2.639	CC, ES, SF

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

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

## Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Falken 9-11 PAD						
Harvesters Resources #15U-443(PR) - OH - OH	13,368.87	7,059.27	694.28	616.45	8.921	CC, ES, SF
J.R. #1(PA) - OH - OH	200.00	106.00	1,533.65	1,526.50	214.334	CC
J.R. #1(PA) - OH - OH	300.00	205.98	1,535.23	1,525.43	156.699	ES
J.R. #1(PA) - OH - OH	9,500.00	6,985.05	3,474.63	3,155.99	10.905	SF
Jeff #1 - OH - OH	11,424.77	7,078.59	353.36	195.55	2.239	CC, ES, SF
JOHNSON #1(PA) - OH - OH	10,082.36	7,067.82	923.16	801.64	7.597	CC
JOHNSON #1(PA) - OH - OH	10,100.00	7,068.01	923.33	801.25	7.563	ES
JOHNSON #1(PA) - OH - OH	10,200.00	7,069.12	930.62	805.90	7.461	SF
JOHNSON #11-16G6(TA) - OH - OH	1,122.63	1,087.76	1,012.25	969.92	23.909	CC
JOHNSON #11-16G6(TA) - OH - OH	9,102.78	7,056.77	1,149.06	837.39	3.687	ES
JOHNSON #11-16G6(TA) - OH - OH	9,200.00	7,057.57	1,153.16	838.76	3.668	SF
JOHNSON #2(PA) - OH - OH	0.00	0.00	503.21			
JOHNSON #2(PA) - OH - OH	9,600.00	7,071.97	2,249.88	2,141.94	20.845	SF
KRISTY #1(PA) - OH - OH	12,667.44	7,089.43	386.70	194.56	2.013	CC, ES, SF
Merritt #6-66-9-0758CDH(PR) - OH - OH	13,368.87	11,976.00	6,196.23	6,050.03	42.382	CC, ES, SF
Merritt #6-66-9-0857CH(PR) - OH - OH	13,368.87	11,988.00	5,894.21	5,749.32	40.683	CC, ES, SF
Merritt 6-66-9-0857BH(PR) - OH - OH	13,368.87	11,790.00	6,159.51	6,014.81	42.568	CC, ES, SF
MICHAEL I #14-2 - OH - OH	10,189.64	7,063.74	516.21	176.97	1.522	CC
MICHAEL I #14-2 - OH - OH	10,200.00	7,063.83	516.32	176.93	1.521	ES, SF
Montera #10-33(PR) - OH - OH	13,368.87	7,128.00	2,991.83	2,605.65	7.747	CC, ES, SF
Montera #10-34(PR) - OH - OH	13,368.87	7,115.00	2,344.74	2,040.38	7.704	CC, ES, SF
Montera #10-43(SI) - OH - OH	13,368.87	7,121.00	2,261.56	1,840.10	5.366	CC, ES, SF
MONTERA I #11-11(PR) - OH - OH	11,598.63	7,112.38	2,017.28	1,638.42	5.325	CC
MONTERA I #11-11(PR) - OH - OH	11,700.00	7,113.22	2,019.83	1,638.05	5.291	ES
MONTERA I #11-11(PR) - OH - OH	11,800.00	7,114.04	2,027.31	1,642.98	5.275	SF
MONTERA I #11-14(PR) - OH - OH	11,288.45	7,108.18	840.82	470.58	2.271	CC
MONTERA I #11-14(PR) - OH - OH	11,300.00	7,108.09	840.90	470.29	2.269	ES, SF
MONTERA I #14-8 - OH - OH	8,573.56	7,049.40	2,033.88	1,734.31	6.789	CC
MONTERA I #14-8 - OH - OH	8,600.00	7,049.61	2,034.05	1,734.02	6.780	ES
MONTERA I #14-8 - OH - OH	8,800.00	7,051.27	2,046.44	1,742.92	6.742	SF
OPAL #1(PA) - OH - OH	12,756.58	7,145.94	3,425.27	3,013.21	8.313	CC
OPAL #1(PA) - OH - OH	12,900.00	7,147.13	3,428.27	3,012.12	8.238	ES
OPAL #1(PA) - OH - OH	13,368.87	7,151.00	3,479.56	3,052.12	8.141	SF
OTTOSON #2(PA) - OH - OH	7,547.91	7,027.28	1,748.08	1,679.92	25.646	CC
OTTOSON #2(PA) - OH - OH	7,550.00	7,028.05	1,748.08	1,679.91	25.641	ES
OTTOSON #2(PA) - OH - OH	7,700.00	7,066.75	1,759.84	1,690.70	25.455	SF
OTTOSON #3(PR) - OH - OH	5,006.16	4,726.42	147.78	97.93	2.964	CC, ES, SF
OTTOSON I #12-12(PR) - OH - OH	1,598.60	1,500.14	930.92	915.39	59.942	CC
OTTOSON I #12-12(PR) - OH - OH	1,800.00	1,705.30	932.09	914.62	53.339	ES
OTTOSON I #12-12(PR) - OH - OH	8,400.00	7,057.31	2,267.47	2,184.63	27.372	SF
OTTOSON I #12-25(PR) - OH - OH	3,876.91	3,582.68	1,282.16	1,244.12	33.705	CC
OTTOSON I #12-25(PR) - OH - OH	4,100.00	3,805.60	1,283.81	1,243.35	31.735	ES
OTTOSON I #12-25(PR) - OH - OH	6,750.00	6,378.32	1,475.41	1,408.90	22.184	SF
POP I #14-17 - OH - OH	9,391.51	7,053.15	1,403.86	1,085.35	4.408	CC
POP I #14-17 - OH - OH	9,400.00	7,053.22	1,403.89	1,085.20	4.405	ES
POP I #14-17 - OH - OH	9,500.00	7,054.05	1,408.05	1,087.48	4.392	SF
SOUTH WOODS #10-3(PA) - OH - OH	13,368.87	7,107.00	4,004.33	3,657.17	11.534	CC, ES, SF
SOUTHARD #2(PR) - OH - OH	100.00	66.48	1,858.58	1,852.01	282.979	CC, ES
SOUTHARD #2(PR) - OH - OH	9,700.00	7,047.34	4,127.22	4,022.26	39.320	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 30N-14B-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30N-14B-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-131.23	-3,716.65	-4,241.37	5,639.50					
100.00	100.00	64.00	64.00	3.28	3.47	-131.23	-3,716.65	-4,241.37	5,639.39	5,632.64	6.75	835.497		
200.00	200.00	164.00	164.00	3.34	5.16	-131.23	-3,716.65	-4,241.37	5,639.39	5,630.89	8.49	663.908		
300.00	299.98	263.98	263.98	3.44	8.16	84.44	-3,716.65	-4,241.37	5,639.22	5,627.62	11.60	486.206		
400.00	399.84	363.84	363.84	3.59	11.44	84.51	-3,716.65	-4,241.37	5,638.71	5,623.68	15.03	375.242		
500.00	499.45	463.45	463.45	3.79	14.80	84.61	-3,716.65	-4,241.37	5,637.88	5,619.29	18.59	303.259		
600.00	598.70	562.70	562.70	4.04	18.20	84.76	-3,716.65	-4,241.37	5,636.74	5,614.51	22.23	253.568		
700.00	697.47	661.47	661.47	4.32	21.60	84.94	-3,716.65	-4,241.37	5,635.32	5,609.41	25.92	217.448		
800.00	795.62	759.62	759.62	4.65	24.99	85.16	-3,716.65	-4,241.37	5,633.65	5,604.01	29.63	190.112		
900.00	893.06	857.06	857.06	5.01	28.36	85.42	-3,716.65	-4,241.37	5,631.75	5,598.38	33.37	168.754		
1,000.00	989.64	953.64	953.64	5.41	31.72	85.72	-3,716.65	-4,241.37	5,629.68	5,592.56	37.13	151.636		
1,100.00	1,085.27	1,049.27	1,049.27	5.85	35.04	86.05	-3,716.65	-4,241.37	5,627.49	5,586.60	40.89	137.627		
1,191.50	1,171.82	1,135.82	1,135.82	6.29	38.05	86.37	-3,716.65	-4,241.37	5,625.42	5,581.08	44.34	126.877		
1,200.00	1,179.82	1,143.82	1,143.82	6.34	38.33	86.40	-3,716.65	-4,241.37	5,625.22	5,580.57	44.66	125.963		
1,300.00	1,273.89	1,237.89	1,237.89	6.85	41.60	86.72	-3,716.65	-4,241.37	5,623.06	5,574.62	48.44	116.076		
1,400.00	1,367.96	1,331.96	1,331.96	7.38	44.87	87.05	-3,716.65	-4,241.37	5,621.10	5,568.85	52.25	107.581		
1,500.00	1,462.03	1,426.03	1,426.03	7.93	48.15	87.37	-3,716.65	-4,241.37	5,619.35	5,563.28	56.07	100.212		
1,600.00	1,556.10	1,520.10	1,520.10	8.49	51.43	87.70	-3,716.65	-4,241.37	5,617.80	5,557.89	59.91	93.766		
1,700.00	1,650.17	1,614.17	1,614.17	9.06	54.70	88.03	-3,716.65	-4,241.37	5,616.46	5,552.69	63.76	88.084		
1,800.00	1,744.24	1,708.24	1,708.24	9.65	57.98	88.35	-3,716.65	-4,241.37	5,615.31	5,547.69	67.62	83.040		
1,900.00	1,838.31	1,802.31	1,802.31	10.23	61.26	88.68	-3,716.65	-4,241.37	5,614.38	5,542.89	71.49	78.535		
2,000.00	1,932.38	1,903.62	1,896.38	10.83	64.79	89.00	-3,716.65	-4,241.37	5,613.65	5,538.03	75.61	74.240		
2,100.00	2,026.45	2,009.55	1,990.45	11.43	68.49	89.33	-3,716.65	-4,241.37	5,613.12	5,533.22	79.91	70.246		
2,200.00	2,120.52	2,084.52	2,084.52	12.03	71.10	89.65	-3,716.65	-4,241.37	5,612.80	5,529.68	83.12	67.522		
2,300.00	2,214.59	2,178.59	2,178.59	12.63	74.38	89.98	-3,716.65	-4,241.37	5,612.69	5,525.67	87.01	64.504		
2,306.49	2,220.70	2,184.70	2,184.70	12.67	74.59	90.00	-3,716.65	-4,241.37	5,612.69	5,525.42	87.27	64.317		
2,400.00	2,308.66	2,272.66	2,272.66	13.24	77.66	90.30	-3,716.65	-4,241.37	5,612.78	5,521.87	90.90	61.744		
2,500.00	2,402.73	2,366.73	2,366.73	13.86	80.94	90.63	-3,716.65	-4,241.37	5,613.07	5,518.27	94.80	59.211		
2,600.00	2,496.80	2,460.80	2,460.80	14.47	84.23	90.96	-3,716.65	-4,241.37	5,613.57	5,514.87	98.69	56.878		
2,700.00	2,590.87	2,554.87	2,554.87	15.09	87.51	91.28	-3,716.65	-4,241.37	5,614.27	5,511.68	102.59	54.723		
2,800.00	2,684.95	2,648.95	2,648.95	15.71	90.79	91.61	-3,716.65	-4,241.37	5,615.18	5,508.69	106.49	52.727		
2,900.00	2,779.02	2,743.02	2,743.02	16.33	94.07	91.93	-3,716.65	-4,241.37	5,616.30	5,505.90	110.40	50.874		
3,000.00	2,873.09	2,837.09	2,837.09	16.95	97.35	92.26	-3,716.65	-4,241.37	5,617.61	5,503.31	114.30	49.147		
3,100.00	2,967.16	2,931.16	2,931.16	17.57	100.63	92.58	-3,716.65	-4,241.37	5,619.14	5,500.93	118.21	47.537		
3,200.00	3,061.23	3,025.23	3,025.23	18.20	103.92	92.91	-3,716.65	-4,241.37	5,620.86	5,498.75	122.11	46.030		
3,300.00	3,155.30	3,119.30	3,119.30	18.82	107.20	93.23	-3,716.65	-4,241.37	5,622.80	5,496.78	126.02	44.618		
3,400.00	3,249.37	3,213.37	3,213.37	19.45	110.48	93.56	-3,716.65	-4,241.37	5,624.93	5,495.00	129.93	43.293		
3,500.00	3,343.44	3,307.44	3,307.44	20.07	113.76	93.88	-3,716.65	-4,241.37	5,627.27	5,493.43	133.84	42.046		
3,600.00	3,437.51	3,401.51	3,401.51	20.70	117.05	94.21	-3,716.65	-4,241.37	5,629.81	5,492.07	137.75	40.871		
3,700.00	3,531.58	3,504.42	3,495.58	21.33	120.64	94.53	-3,716.65	-4,241.37	5,632.56	5,490.59	141.96	39.676		
3,800.00	3,625.65	3,589.65	3,589.65	21.96	123.61	94.85	-3,716.65	-4,241.37	5,635.51	5,489.94	145.57	38.715		
3,900.00	3,719.72	3,683.72	3,683.72	22.59	126.90	95.18	-3,716.65	-4,241.37	5,638.66	5,489.18	149.48	37.723		
4,000.00	3,813.79	3,777.79	3,777.79	23.22	130.18	95.50	-3,716.65	-4,241.37	5,642.01	5,488.62	153.39	36.783		
4,100.00	3,907.86	3,871.86	3,871.86	23.85	133.46	95.82	-3,716.65	-4,241.37	5,645.57	5,488.27	157.30	35.891		
4,200.00	4,001.93	3,965.93	3,965.93	24.48	136.74	96.14	-3,716.65	-4,241.37	5,649.32	5,488.11	161.21	35.044		
4,300.00	4,096.00	4,060.00	4,060.00	25.11	140.03	96.47	-3,716.65	-4,241.37	5,653.28	5,488.16	165.12	34.238		
4,400.00	4,190.07	4,154.07	4,154.07	25.75	143.31	96.79	-3,716.65	-4,241.37	5,657.44	5,488.41	169.03	33.470		
4,500.00	4,284.14	4,248.14	4,248.14	26.38	146.59	97.11	-3,716.65	-4,241.37	5,661.80	5,488.86	172.94	32.739		
4,600.00	4,378.21	4,342.21	4,342.21	27.01	149.88	97.43	-3,716.65	-4,241.37	5,666.35	5,489.51	176.85	32.041		
4,700.00	4,472.28	4,436.28	4,436.28	27.65	153.16	97.75	-3,716.65	-4,241.37	5,671.11	5,490.35	180.76	31.374		
4,800.00	4,566.35	4,530.35	4,530.35	28.28	156.44	98.07	-3,716.65	-4,241.37	5,676.07	5,491.40	184.67	30.737		
4,900.00	4,660.42	4,624.42	4,624.42	28.91	159.73	98.39	-3,716.65	-4,241.37	5,681.22	5,492.64	188.58	30.127		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,718.49	4,718.49	29.55	163.01	98.71	-3,716.65	-4,241.37	5,686.57	5,494.09	192.49	29.543		
5,100.00	4,848.56	4,812.56	4,812.56	30.18	166.29	99.02	-3,716.65	-4,241.37	5,692.12	5,495.73	196.39	28.983		
5,200.00	4,942.63	4,906.63	4,906.63	30.82	169.58	99.34	-3,716.65	-4,241.37	5,697.87	5,497.57	200.30	28.446		
5,300.00	5,036.70	5,000.70	5,000.70	31.45	172.86	99.66	-3,716.65	-4,241.37	5,703.81	5,499.60	204.21	27.931		
5,400.00	5,130.77	5,105.23	5,105.23	32.09	176.51	99.98	-3,716.65	-4,241.37	5,709.95	5,501.47	208.48	27.388		
5,500.00	5,224.84	5,188.84	5,188.84	32.72	179.43	100.29	-3,716.65	-4,241.37	5,716.28	5,504.26	212.02	26.961		
5,600.00	5,318.91	5,282.91	5,282.91	33.36	182.71	100.61	-3,716.65	-4,241.37	5,722.81	5,506.88	215.93	26.503		
5,700.00	5,412.98	5,376.98	5,376.98	33.99	185.99	100.92	-3,716.65	-4,241.37	5,729.53	5,509.69	219.83	26.063		
5,800.00	5,507.06	5,471.06	5,471.06	34.63	189.28	101.23	-3,716.65	-4,241.37	5,736.44	5,512.70	223.74	25.639		
5,900.00	5,601.13	5,565.13	5,565.13	35.26	192.56	101.55	-3,716.65	-4,241.37	5,743.54	5,515.90	227.64	25.230		
6,000.00	5,695.20	5,659.20	5,659.20	35.90	195.84	101.86	-3,716.65	-4,241.37	5,750.84	5,519.29	231.55	24.837		
6,100.00	5,789.27	5,753.27	5,753.27	36.54	199.13	102.17	-3,716.65	-4,241.37	5,758.32	5,522.87	235.45	24.457		
6,200.00	5,883.34	5,847.34	5,847.34	37.17	202.41	102.48	-3,716.65	-4,241.37	5,766.00	5,526.65	239.35	24.090		
6,300.00	5,977.41	5,941.41	5,941.41	37.81	205.70	102.79	-3,716.65	-4,241.37	5,773.86	5,530.61	243.25	23.736		
6,400.00	6,071.48	6,035.48	6,035.48	38.44	208.98	103.10	-3,716.65	-4,241.37	5,781.92	5,534.76	247.15	23.394		
6,500.00	6,165.55	6,129.55	6,129.55	39.08	212.26	103.41	-3,716.65	-4,241.37	5,790.16	5,539.11	251.05	23.064		
6,600.00	6,259.62	6,223.62	6,223.62	39.72	215.55	103.72	-3,716.65	-4,241.37	5,798.59	5,543.63	254.95	22.744		
6,677.33	6,332.36	6,303.64	6,296.36	40.21	218.34	103.96	-3,716.65	-4,241.37	5,805.23	5,547.01	258.22	22.482		
6,700.00	6,353.76	6,317.76	6,317.76	40.35	218.83	99.12	-3,716.65	-4,241.37	5,806.82	5,547.97	258.85	22.433		
6,750.00	6,401.37	6,365.37	6,365.37	40.64	220.49	86.39	-3,716.65	-4,241.37	5,807.69	5,546.89	260.79	22.269		
6,800.00	6,449.30	6,413.30	6,413.30	40.89	222.17	71.52	-3,716.65	-4,241.37	5,804.90	5,542.18	262.71	22.096		
6,850.00	6,497.25	6,461.25	6,461.25	41.11	223.84	56.31	-3,716.65	-4,241.37	5,798.47	5,533.86	264.61	21.914		
6,900.00	6,544.95	6,508.95	6,508.95	41.29	225.51	42.73	-3,716.65	-4,241.37	5,788.43	5,521.98	266.45	21.724		
6,950.00	6,592.08	6,556.08	6,556.08	41.45	227.15	31.66	-3,716.65	-4,241.37	5,774.83	5,506.58	268.25	21.528		
7,000.00	6,638.35	6,602.35	6,602.35	41.58	228.77	22.96	-3,716.65	-4,241.37	5,757.74	5,487.75	269.99	21.326		
7,050.00	6,683.50	6,647.50	6,647.50	41.70	230.34	16.09	-3,716.65	-4,241.37	5,737.28	5,465.61	271.67	21.119		
7,100.00	6,727.22	6,708.78	6,691.22	41.81	232.48	10.51	-3,716.65	-4,241.37	5,713.54	5,439.65	273.90	20.860		
7,150.00	6,769.26	6,733.26	6,733.26	41.92	233.34	5.79	-3,716.65	-4,241.37	5,686.69	5,411.86	274.83	20.691		
7,200.00	6,809.36	6,773.36	6,773.36	42.03	234.74	1.58	-3,716.65	-4,241.37	5,656.88	5,380.58	276.30	20.473		
7,250.00	6,847.27	6,811.27	6,811.27	42.15	236.06	-2.38	-3,716.65	-4,241.37	5,624.30	5,346.60	277.69	20.254		
7,300.00	6,882.75	6,846.75	6,846.75	42.27	237.30	-6.29	-3,716.65	-4,241.37	5,589.14	5,310.14	278.99	20.033		
7,350.00	6,915.58	6,879.58	6,879.58	42.41	238.44	-10.38	-3,716.65	-4,241.37	5,551.62	5,271.42	280.20	19.813		
7,400.00	6,945.57	6,909.57	6,909.57	42.57	239.49	-14.86	-3,716.65	-4,241.37	5,511.98	5,230.67	281.32	19.594		
7,450.00	6,972.53	6,936.53	6,936.53	42.75	240.43	-19.97	-3,716.65	-4,241.37	5,470.47	5,188.15	282.32	19.377		
7,500.00	6,996.30	6,960.30	6,960.30	42.95	241.26	-26.01	-3,716.65	-4,241.37	5,427.35	5,144.12	283.23	19.163		
7,550.00	7,016.72	6,980.72	6,980.72	43.17	241.97	-33.29	-3,716.65	-4,241.37	5,382.89	5,098.87	284.02	18.952		
7,600.00	7,033.66	7,002.34	6,997.66	43.43	242.73	-42.13	-3,716.65	-4,241.37	5,337.38	5,052.52	284.86	18.737		
7,650.00	7,047.04	7,011.04	7,011.04	43.72	243.03	-52.66	-3,716.65	-4,241.37	5,291.11	5,005.85	285.27	18.548		
7,700.00	7,056.76	7,020.76	7,020.76	44.05	243.37	-64.59	-3,716.65	-4,241.37	5,244.37	4,958.66	285.71	18.355		
7,750.00	7,062.76	7,026.76	7,026.76	44.41	243.58	-77.07	-3,716.65	-4,241.37	5,197.47	4,911.42	286.04	18.170		
7,799.36	7,065.00	7,029.00	7,029.00	44.81	243.66	-88.78	-3,716.65	-4,241.37	5,151.30	4,865.04	286.25	17.996		
7,900.00	7,065.83	7,029.83	7,029.83	45.73	243.69	-88.81	-3,716.65	-4,241.37	5,057.62	4,771.04	286.58	17.648		
8,000.00	7,066.66	7,030.66	7,030.66	46.83	243.72	-88.83	-3,716.65	-4,241.37	4,964.81	4,677.86	286.95	17.302		
8,100.00	7,067.49	7,031.49	7,031.49	48.11	243.75	-88.86	-3,716.65	-4,241.37	4,872.28	4,584.91	287.37	16.955		
8,200.00	7,068.31	7,032.31	7,032.31	49.55	243.78	-88.88	-3,716.65	-4,241.37	4,780.06	4,492.22	287.84	16.607		
8,300.00	7,069.14	7,033.14	7,033.14	51.14	243.80	-88.91	-3,716.65	-4,241.37	4,688.15	4,399.80	288.35	16.258		
8,400.00	7,069.96	7,033.96	7,033.96	52.86	243.83	-88.93	-3,716.65	-4,241.37	4,596.58	4,307.65	288.93	15.909		
8,500.00	7,070.79	7,034.79	7,034.79	54.70	243.86	-88.96	-3,716.65	-4,241.37	4,505.37	4,215.81	289.56	15.559		
8,600.00	7,071.61	7,035.61	7,035.61	56.64	243.89	-88.99	-3,716.65	-4,241.37	4,414.54	4,124.28	290.26	15.209		
8,700.00	7,072.44	7,036.44	7,036.44	58.68	243.92	-89.01	-3,716.65	-4,241.37	4,324.11	4,033.08	291.03	14.858		
8,800.00	7,073.27	7,037.27	7,037.27	60.78	243.95	-89.04	-3,716.65	-4,241.37	4,234.12	3,942.25	291.87	14.507		
8,900.00	7,074.09	7,038.09	7,038.09	62.96	243.98	-89.06	-3,716.65	-4,241.37	4,144.58	3,851.79	292.79	14.155		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	7,038.92	7,038.92	65.19	244.01	-89.09	-3,716.65	-4,241.37	4,055.54	3,761.74	293.80	13.804		
9,100.00	7,075.74	7,039.74	7,039.74	67.48	244.03	-89.11	-3,716.65	-4,241.37	3,967.01	3,672.12	294.89	13.453		
9,200.00	7,076.57	7,040.57	7,040.57	69.82	244.06	-89.14	-3,716.65	-4,241.37	3,879.04	3,582.97	296.07	13.102		
9,300.00	7,077.40	7,041.40	7,041.40	72.19	244.09	-89.16	-3,716.65	-4,241.37	3,791.67	3,494.32	297.35	12.751		
9,400.00	7,078.22	7,042.22	7,042.22	74.61	244.12	-89.19	-3,716.65	-4,241.37	3,704.93	3,406.20	298.74	12.402		
9,500.00	7,079.05	7,043.05	7,043.05	77.05	244.15	-89.21	-3,716.65	-4,241.37	3,618.89	3,318.65	300.23	12.054		
9,600.00	7,079.87	7,043.87	7,043.87	79.53	244.18	-89.24	-3,716.65	-4,241.37	3,533.57	3,231.73	301.84	11.707		
9,700.00	7,080.70	7,044.70	7,044.70	82.03	244.21	-89.26	-3,716.65	-4,241.37	3,449.04	3,145.47	303.57	11.361		
9,800.00	7,081.53	7,045.53	7,045.53	84.55	244.24	-89.29	-3,716.65	-4,241.37	3,365.37	3,059.93	305.43	11.018		
9,900.00	7,082.35	7,046.35	7,046.35	87.10	244.27	-89.31	-3,716.65	-4,241.37	3,282.60	2,975.18	307.43	10.678		
10,000.00	7,083.18	7,047.18	7,047.18	89.67	244.29	-89.34	-3,716.65	-4,241.37	3,200.82	2,891.27	309.56	10.340		
10,100.00	7,084.00	7,048.00	7,048.00	92.25	244.32	-89.37	-3,716.65	-4,241.37	3,120.10	2,808.27	311.83	10.006		
10,200.00	7,084.83	7,048.83	7,048.83	94.86	244.35	-89.39	-3,716.65	-4,241.37	3,040.53	2,726.27	314.26	9.675		
10,300.00	7,085.65	7,049.65	7,049.65	97.47	244.38	-89.42	-3,716.65	-4,241.37	2,962.20	2,645.35	316.84	9.349		
10,400.00	7,086.48	7,050.48	7,050.48	100.10	244.41	-89.44	-3,716.65	-4,241.37	2,885.20	2,565.61	319.59	9.028		
10,500.00	7,087.31	7,051.31	7,051.31	102.75	244.44	-89.47	-3,716.65	-4,241.37	2,809.66	2,487.16	322.50	8.712		
10,600.00	7,088.13	7,052.13	7,052.13	105.40	244.47	-89.49	-3,716.65	-4,241.37	2,735.68	2,410.10	325.58	8.402		
10,700.00	7,088.96	7,052.96	7,052.96	108.07	244.50	-89.52	-3,716.65	-4,241.37	2,663.40	2,334.57	328.83	8.100		
10,800.00	7,089.78	7,053.78	7,053.78	110.75	244.52	-89.54	-3,716.65	-4,241.37	2,592.97	2,260.71	332.26	7.804		
10,900.00	7,090.61	7,054.61	7,054.61	113.43	244.55	-89.57	-3,716.65	-4,241.37	2,524.53	2,188.67	335.86	7.517		
11,000.00	7,091.44	7,055.44	7,055.44	116.13	244.58	-89.59	-3,716.65	-4,241.37	2,458.26	2,118.63	339.63	7.238		
11,100.00	7,092.26	7,056.26	7,056.26	118.83	244.61	-89.62	-3,716.65	-4,241.37	2,394.33	2,050.76	343.56	6.969		
11,200.00	7,093.09	7,057.09	7,057.09	121.54	244.64	-89.64	-3,716.65	-4,241.37	2,332.93	1,985.28	347.65	6.711		
11,300.00	7,093.91	7,057.91	7,057.91	124.25	244.67	-89.67	-3,716.65	-4,241.37	2,274.28	1,922.39	351.89	6.463		
11,400.00	7,094.74	7,058.74	7,058.74	126.98	244.70	-89.70	-3,716.65	-4,241.37	2,218.58	1,862.34	356.24	6.228		
11,500.00	7,095.57	7,059.57	7,059.57	129.70	244.73	-89.72	-3,716.65	-4,241.37	2,166.07	1,805.37	360.70	6.005		
11,600.00	7,096.39	7,060.39	7,060.39	132.44	244.76	-89.75	-3,716.65	-4,241.37	2,116.98	1,751.75	365.24	5.796		
11,700.00	7,097.22	7,061.22	7,061.22	135.18	244.78	-89.77	-3,716.65	-4,241.37	2,071.56	1,701.75	369.81	5.602		
11,800.00	7,098.04	7,062.04	7,062.04	137.92	244.81	-89.80	-3,716.65	-4,241.37	2,030.06	1,655.67	374.39	5.422		
11,900.00	7,098.87	7,062.87	7,062.87	140.67	244.84	-89.82	-3,716.65	-4,241.37	1,992.71	1,613.79	378.92	5.259		
12,000.00	7,099.69	7,063.69	7,063.69	143.43	244.87	-89.85	-3,716.65	-4,241.37	1,959.76	1,576.40	383.35	5.112		
12,100.00	7,100.52	7,064.52	7,064.52	146.19	244.90	-89.87	-3,716.65	-4,241.37	1,931.43	1,543.78	387.64	4.982		
12,200.00	7,101.35	7,065.35	7,065.35	148.95	244.93	-89.90	-3,716.65	-4,241.37	1,907.92	1,516.19	391.73	4.871		
12,300.00	7,102.17	7,066.17	7,066.17	151.71	244.96	-89.92	-3,716.65	-4,241.37	1,889.42	1,493.86	395.56	4.777		
12,400.00	7,103.00	7,067.00	7,067.00	154.48	244.99	-89.95	-3,716.65	-4,241.37	1,876.08	1,477.00	399.07	4.701		
12,500.00	7,103.82	7,067.82	7,067.82	157.26	245.01	-89.97	-3,716.65	-4,241.37	1,868.00	1,465.76	402.24	4.644		
12,600.00	7,104.65	7,068.65	7,068.65	160.03	245.04	-90.00	-3,716.65	-4,241.37	1,865.25	1,460.25	405.00	4.606		
12,601.26	7,104.66	7,068.66	7,068.66	160.07	245.04	-90.00	-3,716.65	-4,241.37	1,865.25	1,460.22	405.03	4.605 CC, ES		
12,700.00	7,105.48	7,069.48	7,069.48	162.81	245.07	-90.03	-3,716.65	-4,241.37	1,867.86	1,460.52	407.34	4.585		
12,800.00	7,106.30	7,070.30	7,070.30	165.59	245.10	-90.05	-3,716.65	-4,241.37	1,875.81	1,466.56	409.25	4.584 SF		
12,900.00	7,107.13	7,071.13	7,071.13	168.38	245.13	-90.08	-3,716.65	-4,241.37	1,889.02	1,478.32	410.70	4.600		
13,000.00	7,107.95	7,071.95	7,071.95	171.16	245.16	-90.10	-3,716.65	-4,241.37	1,907.39	1,495.68	411.71	4.633		
13,100.00	7,108.78	7,072.78	7,072.78	173.95	245.19	-90.13	-3,716.65	-4,241.37	1,930.77	1,518.47	412.30	4.683		
13,200.00	7,109.61	7,073.61	7,073.61	176.74	245.22	-90.15	-3,716.65	-4,241.37	1,958.99	1,546.50	412.49	4.749		
13,300.00	7,110.43	7,074.43	7,074.43	179.54	245.25	-90.18	-3,716.65	-4,241.37	1,991.82	1,579.52	412.31	4.831		
13,368.87	7,111.00	7,075.00	7,075.00	181.46	245.27	-90.19	-3,716.65	-4,241.37	2,017.01	1,605.02	411.99	4.896		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	2.00	2.00	3.28	3.28	-100.32	-1,037.62	-5,698.76	5,792.46					
100.00	100.00	102.00	102.00	3.28	3.75	-100.32	-1,037.62	-5,698.76	5,792.46	5,785.42	7.03	823.549		
200.00	200.00	202.00	202.00	3.34	6.24	-100.32	-1,037.62	-5,698.76	5,792.46	5,782.88	9.58	604.940		
300.00	299.98	301.98	301.98	3.44	9.39	-115.33	-1,037.62	-5,698.76	5,793.20	5,780.38	12.83	451.597		
400.00	399.84	401.84	401.84	3.59	12.71	-115.34	-1,037.62	-5,698.76	5,795.45	5,779.14	16.30	355.465		
500.00	499.45	501.45	501.45	3.79	16.10	-115.35	-1,037.62	-5,698.76	5,799.19	5,779.30	19.89	291.590		
600.00	598.70	600.70	600.70	4.04	19.50	-115.36	-1,037.62	-5,698.76	5,804.44	5,780.90	23.54	246.607		
700.00	697.47	700.53	699.47	4.32	22.95	-115.38	-1,037.62	-5,698.76	5,811.21	5,783.95	27.27	213.134		
800.00	795.62	802.38	797.62	4.65	26.47	-115.39	-1,037.62	-5,698.76	5,819.52	5,788.40	31.11	187.044		
900.00	893.06	904.94	895.06	5.01	30.03	-115.41	-1,037.62	-5,698.76	5,829.37	5,794.34	35.03	166.411		
1,000.00	989.64	1,008.36	991.64	5.41	33.62	-115.43	-1,037.62	-5,698.76	5,840.80	5,801.78	39.02	149.699		
1,100.00	1,085.27	1,087.27	1,087.27	5.85	36.36	-115.44	-1,037.62	-5,698.76	5,853.82	5,811.63	42.19	138.744		
1,191.50	1,171.82	1,173.82	1,173.82	6.29	39.37	-115.45	-1,037.62	-5,698.76	5,867.14	5,821.52	45.63	128.587		
1,200.00	1,179.82	1,181.82	1,181.82	6.34	39.65	-115.47	-1,037.62	-5,698.76	5,868.45	5,822.50	45.95	127.719		
1,300.00	1,273.89	1,275.89	1,275.89	6.85	42.92	-115.75	-1,037.62	-5,698.76	5,883.85	5,834.14	49.71	118.354		
1,400.00	1,367.96	1,369.96	1,369.96	7.38	46.20	-116.04	-1,037.62	-5,698.76	5,899.41	5,845.91	53.50	110.271		
1,500.00	1,462.03	1,464.03	1,464.03	7.93	49.47	-116.32	-1,037.62	-5,698.76	5,915.12	5,857.82	57.30	103.231		
1,600.00	1,556.10	1,558.10	1,558.10	8.49	52.75	-116.60	-1,037.62	-5,698.76	5,930.98	5,869.87	61.11	97.049		
1,700.00	1,650.17	1,652.17	1,652.17	9.06	56.03	-116.88	-1,037.62	-5,698.76	5,946.99	5,882.06	64.94	91.582		
1,800.00	1,744.24	1,746.24	1,746.24	9.65	59.31	-117.15	-1,037.62	-5,698.76	5,963.16	5,894.39	68.77	86.716		
1,900.00	1,838.31	1,840.31	1,840.31	10.23	62.59	-117.43	-1,037.62	-5,698.76	5,979.47	5,906.87	72.60	82.357		
2,000.00	1,932.38	1,934.38	1,934.38	10.83	65.87	-117.70	-1,037.62	-5,698.76	5,995.93	5,919.49	76.45	78.433		
2,100.00	2,026.45	2,028.45	2,028.45	11.43	69.15	-117.98	-1,037.62	-5,698.76	6,012.54	5,932.25	80.29	74.882		
2,200.00	2,120.52	2,122.52	2,122.52	12.03	72.43	-118.25	-1,037.62	-5,698.76	6,029.29	5,945.15	84.14	71.655		
2,300.00	2,214.59	2,216.59	2,216.59	12.63	75.71	-118.52	-1,037.62	-5,698.76	6,046.19	5,958.19	88.00	68.709		
2,400.00	2,308.66	2,310.66	2,310.66	13.24	78.99	-118.79	-1,037.62	-5,698.76	6,063.23	5,971.37	91.85	66.010		
2,500.00	2,402.73	2,404.73	2,404.73	13.86	82.27	-119.05	-1,037.62	-5,698.76	6,080.41	5,984.70	95.71	63.530		
2,600.00	2,496.80	2,501.20	2,498.80	14.47	85.63	-119.32	-1,037.62	-5,698.76	6,097.73	5,998.08	99.65	61.190		
2,700.00	2,590.87	2,607.13	2,592.87	15.09	89.33	-119.59	-1,037.62	-5,698.76	6,115.19	6,011.26	103.93	58.842		
2,800.00	2,684.95	2,686.95	2,686.95	15.71	92.11	-119.85	-1,037.62	-5,698.76	6,132.78	6,025.49	107.29	57.161		
2,900.00	2,779.02	2,781.02	2,781.02	16.33	95.40	-120.11	-1,037.62	-5,698.76	6,150.52	6,039.37	111.15	55.334		
3,000.00	2,873.09	2,875.09	2,875.09	16.95	98.68	-120.37	-1,037.62	-5,698.76	6,168.39	6,053.37	115.01	53.632		
3,100.00	2,967.16	2,969.16	2,969.16	17.57	101.96	-120.63	-1,037.62	-5,698.76	6,186.39	6,067.52	118.88	52.040		
3,200.00	3,061.23	3,063.23	3,063.23	18.20	105.24	-120.89	-1,037.62	-5,698.76	6,204.53	6,081.79	122.74	50.550		
3,300.00	3,155.30	3,157.30	3,157.30	18.82	108.53	-121.15	-1,037.62	-5,698.76	6,222.80	6,096.20	126.60	49.152		
3,400.00	3,249.37	3,251.37	3,251.37	19.45	111.81	-121.40	-1,037.62	-5,698.76	6,241.20	6,110.74	130.47	47.838		
3,500.00	3,343.44	3,345.44	3,345.44	20.07	115.09	-121.65	-1,037.62	-5,698.76	6,259.73	6,125.40	134.33	46.600		
3,600.00	3,437.51	3,439.51	3,439.51	20.70	118.37	-121.91	-1,037.62	-5,698.76	6,278.39	6,140.20	138.19	45.433		
3,700.00	3,531.58	3,533.58	3,533.58	21.33	121.66	-122.16	-1,037.62	-5,698.76	6,297.18	6,155.12	142.05	44.330		
3,800.00	3,625.65	3,627.65	3,627.65	21.96	124.94	-122.41	-1,037.62	-5,698.76	6,316.09	6,170.17	145.92	43.286		
3,900.00	3,719.72	3,721.72	3,721.72	22.59	128.22	-122.66	-1,037.62	-5,698.76	6,335.13	6,185.35	149.78	42.297		
4,000.00	3,813.79	3,815.79	3,815.79	23.22	131.50	-122.90	-1,037.62	-5,698.76	6,354.29	6,200.65	153.64	41.359		
4,100.00	3,907.86	3,909.86	3,909.86	23.85	134.79	-123.15	-1,037.62	-5,698.76	6,373.57	6,216.07	157.50	40.467		
4,200.00	4,001.93	4,003.93	4,003.93	24.48	138.07	-123.39	-1,037.62	-5,698.76	6,392.98	6,231.62	161.36	39.619		
4,300.00	4,096.00	4,102.00	4,098.00	25.11	141.49	-123.63	-1,037.62	-5,698.76	6,412.51	6,247.15	165.36	38.779		
4,400.00	4,190.07	4,207.93	4,192.07	25.75	145.19	-123.88	-1,037.62	-5,698.76	6,432.16	6,262.52	169.63	37.918		
4,500.00	4,284.14	4,286.14	4,286.14	26.38	147.92	-124.12	-1,037.62	-5,698.76	6,451.92	6,278.98	172.94	37.308		
4,600.00	4,378.21	4,380.21	4,380.21	27.01	151.20	-124.36	-1,037.62	-5,698.76	6,471.80	6,295.01	176.80	36.606		
4,700.00	4,472.28	4,474.28	4,474.28	27.65	154.49	-124.59	-1,037.62	-5,698.76	6,491.80	6,311.15	180.65	35.935		
4,800.00	4,566.35	4,568.35	4,568.35	28.28	157.77	-124.83	-1,037.62	-5,698.76	6,511.92	6,327.41	184.51	35.293		
4,900.00	4,660.42	4,662.42	4,662.42	28.91	161.05	-125.06	-1,037.62	-5,698.76	6,532.15	6,343.78	188.36	34.678		
5,000.00	4,754.49	4,756.49	4,756.49	29.55	164.34	-125.30	-1,037.62	-5,698.76	6,552.49	6,360.27	192.22	34.088		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,850.56	4,850.56	30.18	167.62	125.53	-1,037.62	-5,698.76	6,572.94	6,376.87	196.07	33.523		
5,200.00	4,942.63	4,944.63	4,944.63	30.82	170.90	125.76	-1,037.62	-5,698.76	6,593.51	6,393.58	199.93	32.979		
5,300.00	5,036.70	5,038.70	5,038.70	31.45	174.19	125.99	-1,037.62	-5,698.76	6,614.18	6,410.40	203.78	32.457		
5,400.00	5,130.77	5,132.77	5,132.77	32.09	177.47	126.22	-1,037.62	-5,698.76	6,634.97	6,427.33	207.63	31.955		
5,500.00	5,224.84	5,226.84	5,226.84	32.72	180.75	126.44	-1,037.62	-5,698.76	6,655.86	6,444.38	211.49	31.472		
5,600.00	5,318.91	5,320.91	5,320.91	33.36	184.04	126.67	-1,037.62	-5,698.76	6,676.86	6,461.52	215.34	31.007		
5,700.00	5,412.98	5,414.98	5,414.98	33.99	187.32	126.89	-1,037.62	-5,698.76	6,697.97	6,478.78	219.19	30.558		
5,800.00	5,507.06	5,509.06	5,509.06	34.63	190.60	127.11	-1,037.62	-5,698.76	6,719.18	6,496.14	223.04	30.126		
5,900.00	5,601.13	5,603.13	5,603.13	35.26	193.89	127.34	-1,037.62	-5,698.76	6,740.49	6,513.60	226.89	29.709		
6,000.00	5,695.20	5,702.80	5,697.20	35.90	197.37	127.56	-1,037.62	-5,698.76	6,761.91	6,530.98	230.93	29.281		
6,100.00	5,789.27	5,808.73	5,791.27	36.54	201.06	127.78	-1,037.62	-5,698.76	6,783.43	6,548.24	235.19	28.842		
6,200.00	5,883.34	5,885.34	5,885.34	37.17	203.74	127.99	-1,037.62	-5,698.76	6,805.05	6,566.62	238.43	28.541		
6,300.00	5,977.41	5,979.41	5,979.41	37.81	207.02	128.21	-1,037.62	-5,698.76	6,826.77	6,584.49	242.27	28.178		
6,400.00	6,071.48	6,073.48	6,073.48	38.44	210.31	128.42	-1,037.62	-5,698.76	6,848.59	6,602.47	246.12	27.826		
6,500.00	6,165.55	6,167.55	6,167.55	39.08	213.59	128.64	-1,037.62	-5,698.76	6,870.51	6,620.54	249.96	27.486		
6,600.00	6,259.62	6,261.62	6,261.62	39.72	216.87	128.85	-1,037.62	-5,698.76	6,892.52	6,638.71	253.81	27.157		
6,677.33	6,332.36	6,334.36	6,334.36	40.21	219.41	129.01	-1,037.62	-5,698.76	6,909.61	6,652.83	256.78	26.909		
6,700.00	6,353.76	6,355.76	6,355.76	40.35	220.16	124.07	-1,037.62	-5,698.76	6,914.24	6,656.59	257.65	26.836		
6,750.00	6,401.37	6,403.37	6,403.37	40.64	221.82	111.23	-1,037.62	-5,698.76	6,921.66	6,662.09	259.57	26.665		
6,800.00	6,449.30	6,451.30	6,451.30	40.89	223.49	96.39	-1,037.62	-5,698.76	6,925.23	6,663.74	261.49	26.484		
6,850.00	6,497.25	6,500.75	6,499.25	41.11	225.22	81.37	-1,037.62	-5,698.76	6,924.91	6,661.48	263.43	26.287		
6,900.00	6,544.95	6,546.95	6,546.95	41.29	226.83	68.15	-1,037.62	-5,698.76	6,920.72	6,655.49	265.23	26.093		
6,950.00	6,592.08	6,605.93	6,594.08	41.45	228.89	57.61	-1,037.62	-5,698.76	6,912.67	6,645.23	267.44	25.848		
7,000.00	6,638.35	6,640.35	6,640.35	41.58	230.09	49.63	-1,037.62	-5,698.76	6,900.83	6,632.07	268.76	25.677		
7,050.00	6,683.50	6,685.50	6,685.50	41.70	231.67	43.71	-1,037.62	-5,698.76	6,885.27	6,614.84	270.42	25.461		
7,100.00	6,727.22	6,729.22	6,729.22	41.81	233.20	39.31	-1,037.62	-5,698.76	6,866.07	6,594.06	272.01	25.242		
7,150.00	6,769.26	6,771.26	6,771.26	41.92	234.66	36.06	-1,037.62	-5,698.76	6,843.36	6,569.85	273.51	25.020		
7,200.00	6,809.36	6,811.36	6,811.36	42.03	236.06	33.67	-1,037.62	-5,698.76	6,817.29	6,542.36	274.93	24.797		
7,250.00	6,847.27	6,849.27	6,849.27	42.15	237.39	31.96	-1,037.62	-5,698.76	6,788.00	6,511.75	276.25	24.572		
7,300.00	6,882.75	6,884.75	6,884.75	42.27	238.62	30.82	-1,037.62	-5,698.76	6,755.67	6,478.21	277.47	24.348		
7,350.00	6,915.58	6,917.58	6,917.58	42.41	239.77	30.18	-1,037.62	-5,698.76	6,720.51	6,441.93	278.58	24.124		
7,400.00	6,945.57	6,947.57	6,947.57	42.57	240.82	30.02	-1,037.62	-5,698.76	6,682.73	6,403.14	279.59	23.902		
7,450.00	6,972.53	6,974.53	6,974.53	42.75	241.76	30.35	-1,037.62	-5,698.76	6,642.56	6,362.08	280.48	23.683		
7,500.00	6,996.30	7,001.70	6,998.30	42.95	242.71	31.26	-1,037.62	-5,698.76	6,600.24	6,318.85	281.38	23.456		
7,550.00	7,016.72	7,018.72	7,018.72	43.17	243.30	32.92	-1,037.62	-5,698.76	6,556.03	6,274.10	281.93	23.254		
7,600.00	7,033.66	7,035.66	7,035.66	43.43	243.89	35.64	-1,037.62	-5,698.76	6,510.19	6,227.72	282.47	23.047		
7,650.00	7,047.04	7,049.04	7,049.04	43.72	244.36	40.07	-1,037.62	-5,698.76	6,463.02	6,180.12	282.90	22.846		
7,700.00	7,056.76	7,058.76	7,058.76	44.05	244.70	47.58	-1,037.62	-5,698.76	6,414.79	6,131.59	283.20	22.651		
7,750.00	7,062.76	7,064.76	7,064.76	44.41	244.91	61.25	-1,037.62	-5,698.76	6,365.80	6,082.41	283.38	22.464		
7,799.36	7,065.00	7,067.00	7,067.00	44.81	244.99	86.35	-1,037.62	-5,698.76	6,316.98	6,033.53	283.44	22.287		
7,900.00	7,065.83	7,067.83	7,067.83	45.73	245.02	86.41	-1,037.62	-5,698.76	6,217.18	5,933.73	283.45	21.934		
8,000.00	7,066.66	7,068.66	7,068.66	46.83	245.04	86.47	-1,037.62	-5,698.76	6,118.05	5,834.60	283.46	21.584		
8,100.00	7,067.49	7,069.49	7,069.49	48.11	245.07	86.52	-1,037.62	-5,698.76	6,018.95	5,735.48	283.47	21.233		
8,200.00	7,068.31	7,070.31	7,070.31	49.55	245.10	86.58	-1,037.62	-5,698.76	5,919.88	5,636.39	283.50	20.882		
8,300.00	7,069.14	7,071.14	7,071.14	51.14	245.13	86.64	-1,037.62	-5,698.76	5,820.85	5,537.32	283.52	20.530		
8,400.00	7,069.96	7,071.96	7,071.96	52.86	245.16	86.70	-1,037.62	-5,698.76	5,721.84	5,438.28	283.56	20.179		
8,500.00	7,070.79	7,072.79	7,072.79	54.70	245.19	86.76	-1,037.62	-5,698.76	5,622.87	5,339.27	283.60	19.827		
8,600.00	7,071.61	7,073.61	7,073.61	56.64	245.22	86.81	-1,037.62	-5,698.76	5,523.94	5,240.29	283.65	19.475		
8,700.00	7,072.44	7,074.44	7,074.44	58.68	245.25	86.87	-1,037.62	-5,698.76	5,425.04	5,141.34	283.71	19.122		
8,800.00	7,073.27	7,075.27	7,075.27	60.78	245.27	86.93	-1,037.62	-5,698.76	5,326.19	5,042.42	283.77	18.769		
8,900.00	7,074.09	7,076.09	7,076.09	62.96	245.30	86.99	-1,037.62	-5,698.76	5,227.38	4,943.53	283.85	18.416		
9,000.00	7,074.92	7,076.92	7,076.92	65.19	245.33	87.05	-1,037.62	-5,698.76	5,128.62	4,844.67	283.94	18.062		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,077.74	7,077.74	67.48	245.36	87.11	-1,037.62	-5,698.76	5,029.90	4,745.86	284.05	17.708		
9,200.00	7,076.57	7,078.57	7,078.57	69.82	245.39	87.16	-1,037.62	-5,698.76	4,931.24	4,647.08	284.17	17.353		
9,300.00	7,077.40	7,079.40	7,079.40	72.19	245.42	87.22	-1,037.62	-5,698.76	4,832.63	4,548.33	284.30	16.998		
9,400.00	7,078.22	7,080.22	7,080.22	74.61	245.45	87.28	-1,037.62	-5,698.76	4,734.08	4,449.63	284.45	16.643		
9,500.00	7,079.05	7,081.05	7,081.05	77.05	245.48	87.34	-1,037.62	-5,698.76	4,635.60	4,350.98	284.62	16.287		
9,600.00	7,079.87	7,081.87	7,081.87	79.53	245.51	87.40	-1,037.62	-5,698.76	4,537.17	4,252.37	284.81	15.931		
9,700.00	7,080.70	7,082.70	7,082.70	82.03	245.53	87.45	-1,037.62	-5,698.76	4,438.82	4,153.80	285.02	15.574		
9,800.00	7,081.53	7,083.53	7,083.53	84.55	245.56	87.51	-1,037.62	-5,698.76	4,340.55	4,055.29	285.26	15.216		
9,900.00	7,082.35	7,084.35	7,084.35	87.10	245.59	87.57	-1,037.62	-5,698.76	4,242.35	3,956.83	285.52	14.858		
10,000.00	7,083.18	7,085.18	7,085.18	89.67	245.62	87.63	-1,037.62	-5,698.76	4,144.24	3,858.43	285.82	14.500		
10,100.00	7,084.00	7,086.00	7,086.00	92.25	245.65	87.69	-1,037.62	-5,698.76	4,046.22	3,760.08	286.14	14.141		
10,200.00	7,084.83	7,086.83	7,086.83	94.86	245.68	87.75	-1,037.62	-5,698.76	3,948.31	3,661.80	286.51	13.781		
10,300.00	7,085.65	7,087.65	7,087.65	97.47	245.71	87.80	-1,037.62	-5,698.76	3,850.50	3,563.58	286.91	13.420		
10,400.00	7,086.48	7,088.48	7,088.48	100.10	245.74	87.86	-1,037.62	-5,698.76	3,752.80	3,465.44	287.36	13.059		
10,500.00	7,087.31	7,089.31	7,089.31	102.75	245.76	87.92	-1,037.62	-5,698.76	3,655.23	3,367.37	287.86	12.698		
10,600.00	7,088.13	7,109.87	7,090.13	105.40	246.48	87.98	-1,037.62	-5,698.76	3,557.79	3,268.69	289.10	12.306		
10,700.00	7,088.96	7,109.04	7,090.96	108.07	246.45	88.04	-1,037.62	-5,698.76	3,460.50	3,170.84	289.66	11.947		
10,800.00	7,089.78	7,108.22	7,091.78	110.75	246.42	88.10	-1,037.62	-5,698.76	3,363.37	3,073.09	290.28	11.586		
10,900.00	7,090.61	7,107.39	7,092.61	113.43	246.40	88.15	-1,037.62	-5,698.76	3,266.41	2,975.43	290.98	11.226		
11,000.00	7,091.44	7,106.56	7,093.44	116.13	246.37	88.21	-1,037.62	-5,698.76	3,169.64	2,877.88	291.76	10.864		
11,100.00	7,092.26	7,105.74	7,094.26	118.83	246.34	88.27	-1,037.62	-5,698.76	3,073.08	2,780.45	292.63	10.502		
11,200.00	7,093.09	7,104.91	7,095.09	121.54	246.31	88.33	-1,037.62	-5,698.76	2,976.74	2,683.14	293.60	10.139		
11,300.00	7,093.91	7,104.09	7,095.91	124.25	246.28	88.39	-1,037.62	-5,698.76	2,880.65	2,585.97	294.68	9.776		
11,400.00	7,094.74	7,103.26	7,096.74	126.98	246.25	88.45	-1,037.62	-5,698.76	2,784.84	2,488.96	295.88	9.412		
11,500.00	7,095.57	7,102.43	7,097.57	129.70	246.22	88.50	-1,037.62	-5,698.76	2,689.33	2,392.11	297.22	9.048		
11,600.00	7,096.39	7,101.61	7,098.39	132.44	246.19	88.56	-1,037.62	-5,698.76	2,594.16	2,295.44	298.72	8.684		
11,700.00	7,097.22	7,100.78	7,099.22	135.18	246.17	88.62	-1,037.62	-5,698.76	2,499.37	2,198.99	300.38	8.321		
11,800.00	7,098.04	7,100.04	7,100.04	137.92	246.14	88.68	-1,037.62	-5,698.76	2,405.00	2,102.76	302.24	7.957		
11,900.00	7,098.87	7,100.87	7,100.87	140.67	246.17	88.74	-1,037.62	-5,698.76	2,311.10	2,006.74	304.36	7.593		
12,000.00	7,099.69	7,101.69	7,101.69	143.43	246.20	88.80	-1,037.62	-5,698.76	2,217.73	1,911.02	306.72	7.231		
12,100.00	7,100.52	7,102.52	7,102.52	146.19	246.23	88.85	-1,037.62	-5,698.76	2,124.97	1,815.63	309.34	6.869		
12,200.00	7,101.35	7,103.35	7,103.35	148.95	246.25	88.91	-1,037.62	-5,698.76	2,032.90	1,720.64	312.26	6.510		
12,300.00	7,102.17	7,104.17	7,104.17	151.71	246.28	88.97	-1,037.62	-5,698.76	1,941.61	1,626.10	315.51	6.154		
12,400.00	7,103.00	7,105.00	7,105.00	154.48	246.31	89.03	-1,037.62	-5,698.76	1,851.22	1,532.09	319.12	5.801		
12,500.00	7,103.82	7,105.82	7,105.82	157.26	246.34	89.09	-1,037.62	-5,698.76	1,761.86	1,438.71	323.16	5.452		
12,600.00	7,104.65	7,106.65	7,106.65	160.03	246.37	89.15	-1,037.62	-5,698.76	1,673.72	1,346.06	327.66	5.108		
12,700.00	7,105.48	7,107.48	7,107.48	162.81	246.40	89.20	-1,037.62	-5,698.76	1,586.97	1,254.29	332.68	4.770		
12,800.00	7,106.30	7,108.30	7,108.30	165.59	246.43	89.26	-1,037.62	-5,698.76	1,501.88	1,163.60	338.28	4.440		
12,900.00	7,107.13	7,109.13	7,109.13	168.38	246.46	89.32	-1,037.62	-5,698.76	1,418.73	1,074.20	344.52	4.118		
13,000.00	7,107.95	7,109.95	7,109.95	171.16	246.49	89.38	-1,037.62	-5,698.76	1,337.89	986.41	351.47	3.807		
13,100.00	7,108.78	7,110.78	7,110.78	173.95	246.51	89.44	-1,037.62	-5,698.76	1,259.80	900.62	359.18	3.507		
13,200.00	7,109.61	7,111.61	7,111.61	176.74	246.54	89.50	-1,037.62	-5,698.76	1,185.01	817.32	367.69	3.223		
13,300.00	7,110.43	7,112.43	7,112.43	179.54	246.57	89.55	-1,037.62	-5,698.76	1,114.18	737.18	377.00	2.955		
13,368.87	7,111.00	7,113.00	7,113.00	181.46	246.59	89.59	-1,037.62	-5,698.76	1,068.12	684.27	383.85	2.783 CC, ES, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	40.00	40.00	3.28	3.35	-77.30	1,591.93	-7,065.76	7,242.87					
100.00	100.00	140.00	140.00	3.28	4.54	-77.30	1,591.93	-7,065.76	7,242.87	7,235.04	7.83	925.404		
200.00	200.00	240.00	240.00	3.34	7.40	-77.30	1,591.93	-7,065.76	7,242.87	7,232.13	10.74	674.595		
300.00	299.98	339.98	339.98	3.44	10.64	138.34	1,591.93	-7,065.76	7,244.18	7,230.09	14.08	514.445		
400.00	399.84	439.84	439.84	3.59	14.00	138.31	1,591.93	-7,065.76	7,248.09	7,230.50	17.59	412.035		
500.00	499.45	539.45	539.45	3.79	17.40	138.27	1,591.93	-7,065.76	7,254.60	7,233.41	21.19	342.342		
600.00	598.70	638.70	638.70	4.04	20.81	138.21	1,591.93	-7,065.76	7,263.73	7,238.88	24.85	292.329		
700.00	697.47	737.47	737.47	4.32	24.22	138.14	1,591.93	-7,065.76	7,275.45	7,246.91	28.54	254.908		
800.00	795.62	835.62	835.62	4.65	27.62	138.05	1,591.93	-7,065.76	7,289.77	7,257.51	32.26	225.981		
900.00	893.06	933.06	933.06	5.01	31.00	137.93	1,591.93	-7,065.76	7,306.67	7,270.68	35.99	203.029		
1,000.00	989.64	1,029.64	1,029.64	5.41	34.36	137.80	1,591.93	-7,065.76	7,326.16	7,286.44	39.72	184.429		
1,100.00	1,085.27	1,125.27	1,125.27	5.85	37.68	137.65	1,591.93	-7,065.76	7,348.23	7,304.77	43.46	169.094		
1,191.50	1,171.82	1,211.82	1,211.82	6.29	40.69	137.49	1,591.93	-7,065.76	7,370.66	7,323.80	46.87	157.271		
1,200.00	1,179.82	1,219.82	1,219.82	6.34	40.97	137.50	1,591.93	-7,065.76	7,372.85	7,325.66	47.19	156.253		
1,300.00	1,273.89	1,313.89	1,313.89	6.85	44.24	137.67	1,591.93	-7,065.76	7,398.57	7,347.66	50.91	145.327		
1,400.00	1,367.96	1,407.96	1,407.96	7.38	47.52	137.84	1,591.93	-7,065.76	7,424.37	7,369.72	54.65	135.848		
1,500.00	1,462.03	1,502.03	1,502.03	7.93	50.80	138.02	1,591.93	-7,065.76	7,450.23	7,391.82	58.41	127.554		
1,600.00	1,556.10	1,603.90	1,596.10	8.49	54.35	138.18	1,591.93	-7,065.76	7,476.15	7,413.70	62.45	119.719		
1,700.00	1,650.17	1,709.83	1,690.17	9.06	58.04	138.35	1,591.93	-7,065.76	7,502.14	7,435.50	66.64	112.581		
1,800.00	1,744.24	1,784.24	1,784.24	9.65	60.63	138.52	1,591.93	-7,065.76	7,528.19	7,458.45	69.74	107.951		
1,900.00	1,838.31	1,878.31	1,878.31	10.23	63.91	138.69	1,591.93	-7,065.76	7,554.30	7,480.77	73.53	102.740		
2,000.00	1,932.38	1,972.38	1,972.38	10.83	67.19	138.85	1,591.93	-7,065.76	7,580.47	7,503.15	77.32	98.035		
2,100.00	2,026.45	2,066.45	2,066.45	11.43	70.47	139.02	1,591.93	-7,065.76	7,606.71	7,525.59	81.12	93.766		
2,200.00	2,120.52	2,160.52	2,160.52	12.03	73.75	139.18	1,591.93	-7,065.76	7,633.01	7,548.08	84.93	89.876		
2,300.00	2,214.59	2,254.59	2,254.59	12.63	77.03	139.34	1,591.93	-7,065.76	7,659.36	7,570.63	88.74	86.317		
2,400.00	2,308.66	2,348.66	2,348.66	13.24	80.31	139.50	1,591.93	-7,065.76	7,685.78	7,593.23	92.54	83.049		
2,500.00	2,402.73	2,442.73	2,442.73	13.86	83.59	139.66	1,591.93	-7,065.76	7,712.25	7,615.90	96.36	80.039		
2,600.00	2,496.80	2,536.80	2,536.80	14.47	86.88	139.82	1,591.93	-7,065.76	7,738.79	7,638.62	100.17	77.257		
2,700.00	2,590.87	2,630.87	2,630.87	15.09	90.16	139.98	1,591.93	-7,065.76	7,765.38	7,661.39	103.98	74.678		
2,800.00	2,684.95	2,724.95	2,724.95	15.71	93.44	140.13	1,591.93	-7,065.76	7,792.02	7,684.22	107.80	72.281		
2,900.00	2,779.02	2,819.02	2,819.02	16.33	96.72	140.29	1,591.93	-7,065.76	7,818.73	7,707.11	111.62	70.049		
3,000.00	2,873.09	2,913.09	2,913.09	16.95	100.00	140.44	1,591.93	-7,065.76	7,845.49	7,730.05	115.44	67.963		
3,100.00	2,967.16	3,007.16	3,007.16	17.57	103.29	140.60	1,591.93	-7,065.76	7,872.30	7,753.05	119.26	66.012		
3,200.00	3,061.23	3,101.23	3,101.23	18.20	106.57	140.75	1,591.93	-7,065.76	7,899.17	7,776.10	123.08	64.182		
3,300.00	3,155.30	3,204.70	3,195.30	18.82	110.18	140.90	1,591.93	-7,065.76	7,926.09	7,798.87	127.22	62.301		
3,400.00	3,249.37	3,289.37	3,289.37	19.45	113.13	141.05	1,591.93	-7,065.76	7,953.07	7,822.36	130.72	60.842		
3,500.00	3,343.44	3,383.44	3,383.44	20.07	116.42	141.20	1,591.93	-7,065.76	7,980.10	7,845.56	134.54	59.316		
3,600.00	3,437.51	3,477.51	3,477.51	20.70	119.70	141.35	1,591.93	-7,065.76	8,007.18	7,868.83	138.36	57.873		
3,700.00	3,531.58	3,571.58	3,571.58	21.33	122.98	141.50	1,591.93	-7,065.76	8,034.32	7,892.14	142.18	56.509		
3,800.00	3,625.65	3,665.65	3,665.65	21.96	126.27	141.64	1,591.93	-7,065.76	8,061.50	7,915.50	146.00	55.216		
3,900.00	3,719.72	3,759.72	3,759.72	22.59	129.55	141.79	1,591.93	-7,065.76	8,088.74	7,938.92	149.82	53.989		
4,000.00	3,813.79	3,853.79	3,853.79	23.22	132.83	141.93	1,591.93	-7,065.76	8,116.03	7,962.38	153.64	52.824		
4,100.00	3,907.86	3,947.86	3,947.86	23.85	136.11	142.08	1,591.93	-7,065.76	8,143.36	7,985.90	157.46	51.716		
4,200.00	4,001.93	4,041.93	4,041.93	24.48	139.40	142.22	1,591.93	-7,065.76	8,170.75	8,009.47	161.28	50.660		
4,300.00	4,096.00	4,136.00	4,136.00	25.11	142.68	142.36	1,591.93	-7,065.76	8,198.18	8,033.08	165.11	49.654		
4,400.00	4,190.07	4,230.07	4,230.07	25.75	145.96	142.50	1,591.93	-7,065.76	8,225.67	8,056.74	168.93	48.694		
4,500.00	4,284.14	4,324.14	4,324.14	26.38	149.25	142.65	1,591.93	-7,065.76	8,253.20	8,080.45	172.75	47.776		
4,600.00	4,378.21	4,418.21	4,418.21	27.01	152.53	142.78	1,591.93	-7,065.76	8,280.78	8,104.21	176.57	46.899		
4,700.00	4,472.28	4,512.28	4,512.28	27.65	155.81	142.92	1,591.93	-7,065.76	8,308.40	8,128.02	180.39	46.058		
4,800.00	4,566.35	4,606.35	4,606.35	28.28	159.10	143.06	1,591.93	-7,065.76	8,336.08	8,151.87	184.21	45.253		
4,900.00	4,660.42	4,700.42	4,700.42	28.91	162.38	143.20	1,591.93	-7,065.76	8,363.80	8,175.77	188.03	44.482		
5,000.00	4,754.49	4,805.51	4,794.49	29.55	166.05	143.33	1,591.93	-7,065.76	8,391.56	8,199.33	192.23	43.653		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,888.56	4,888.56	30.18	168.95	143.47	1,591.93	-7,065.76	8,419.37	8,223.70	195.67	43.029		
5,200.00	4,942.63	4,982.63	4,982.63	30.82	172.23	143.60	1,591.93	-7,065.76	8,447.22	8,247.73	199.49	42.345		
5,300.00	5,036.70	5,076.70	5,076.70	31.45	175.51	143.74	1,591.93	-7,065.76	8,475.12	8,271.81	203.31	41.686		
5,400.00	5,130.77	5,170.77	5,170.77	32.09	178.80	143.87	1,591.93	-7,065.76	8,503.06	8,295.94	207.12	41.053		
5,500.00	5,224.84	5,264.84	5,264.84	32.72	182.08	144.00	1,591.93	-7,065.76	8,531.05	8,320.10	210.94	40.442		
5,600.00	5,318.91	5,358.91	5,358.91	33.36	185.36	144.13	1,591.93	-7,065.76	8,559.08	8,344.31	214.76	39.854		
5,700.00	5,412.98	5,452.98	5,452.98	33.99	188.65	144.26	1,591.93	-7,065.76	8,587.15	8,368.57	218.58	39.286		
5,800.00	5,507.06	5,547.06	5,547.06	34.63	191.93	144.39	1,591.93	-7,065.76	8,615.26	8,392.86	222.40	38.738		
5,900.00	5,601.13	5,641.13	5,641.13	35.26	195.21	144.52	1,591.93	-7,065.76	8,643.41	8,417.20	226.21	38.209		
6,000.00	5,695.20	5,735.20	5,735.20	35.90	198.50	144.65	1,591.93	-7,065.76	8,671.61	8,441.58	230.03	37.698		
6,100.00	5,789.27	5,829.27	5,829.27	36.54	201.78	144.77	1,591.93	-7,065.76	8,699.85	8,466.00	233.85	37.203		
6,200.00	5,883.34	5,923.34	5,923.34	37.17	205.06	144.90	1,591.93	-7,065.76	8,728.12	8,490.46	237.66	36.725		
6,300.00	5,977.41	6,017.41	6,017.41	37.81	208.35	145.02	1,591.93	-7,065.76	8,756.44	8,514.96	241.48	36.261		
6,400.00	6,071.48	6,111.48	6,111.48	38.44	211.63	145.15	1,591.93	-7,065.76	8,784.80	8,539.50	245.30	35.813		
6,500.00	6,165.55	6,205.55	6,205.55	39.08	214.92	145.27	1,591.93	-7,065.76	8,813.19	8,564.08	249.11	35.378		
6,600.00	6,259.62	6,300.38	6,299.62	39.72	218.23	145.39	1,591.93	-7,065.76	8,841.63	8,588.67	252.95	34.953		
6,677.33	6,332.36	6,372.36	6,372.36	40.21	220.74	145.49	1,591.93	-7,065.76	8,863.64	8,607.77	255.88	34.640		
6,700.00	6,353.76	6,406.24	6,393.76	40.35	221.92	140.36	1,591.93	-7,065.76	8,869.74	8,612.56	257.18	34.489		
6,750.00	6,401.37	6,441.37	6,441.37	40.64	223.15	127.17	1,591.93	-7,065.76	8,880.61	8,621.95	258.66	34.333		
6,800.00	6,449.30	6,489.30	6,489.30	40.89	224.82	112.10	1,591.93	-7,065.76	8,887.88	8,627.31	260.58	34.109		
6,850.00	6,497.25	6,537.25	6,537.25	41.11	226.49	96.93	1,591.93	-7,065.76	8,891.52	8,629.05	262.47	33.876		
6,900.00	6,544.95	6,584.95	6,584.95	41.29	228.16	83.65	1,591.93	-7,065.76	8,891.52	8,627.19	264.33	33.638		
6,950.00	6,592.08	6,632.08	6,632.08	41.45	229.80	73.15	1,591.93	-7,065.76	8,887.87	8,621.73	266.13	33.396		
7,000.00	6,638.35	6,678.35	6,678.35	41.58	231.42	65.29	1,591.93	-7,065.76	8,880.60	8,612.72	267.88	33.152		
7,050.00	6,683.50	6,723.50	6,723.50	41.70	233.00	59.57	1,591.93	-7,065.76	8,869.78	8,600.23	269.55	32.906		
7,100.00	6,727.22	6,767.22	6,767.22	41.81	234.52	55.48	1,591.93	-7,065.76	8,855.46	8,584.32	271.15	32.659		
7,150.00	6,769.26	6,809.26	6,809.26	41.92	235.99	52.63	1,591.93	-7,065.76	8,837.76	8,565.10	272.66	32.413		
7,200.00	6,809.36	6,849.36	6,849.36	42.03	237.39	50.75	1,591.93	-7,065.76	8,816.77	8,542.69	274.08	32.169		
7,250.00	6,847.27	6,887.27	6,887.27	42.15	238.71	49.67	1,591.93	-7,065.76	8,792.64	8,517.24	275.40	31.926		
7,300.00	6,882.75	6,922.75	6,922.75	42.27	239.95	49.28	1,591.93	-7,065.76	8,765.52	8,488.89	276.63	31.687		
7,350.00	6,915.58	6,955.58	6,955.58	42.41	241.10	49.53	1,591.93	-7,065.76	8,735.58	8,457.83	277.75	31.451		
7,400.00	6,945.57	6,985.57	6,985.57	42.57	242.14	50.40	1,591.93	-7,065.76	8,703.00	8,424.24	278.76	31.220		
7,450.00	6,972.53	7,012.53	7,012.53	42.75	243.08	51.93	1,591.93	-7,065.76	8,668.00	8,388.33	279.67	30.993		
7,500.00	6,996.30	7,036.30	7,036.30	42.95	243.91	54.15	1,591.93	-7,065.76	8,630.79	8,350.31	280.47	30.772		
7,550.00	7,016.72	7,056.72	7,056.72	43.17	244.63	57.18	1,591.93	-7,065.76	8,591.59	8,310.43	281.16	30.558		
7,600.00	7,033.66	7,073.66	7,073.66	43.43	245.22	61.14	1,591.93	-7,065.76	8,550.64	8,268.90	281.74	30.349		
7,650.00	7,047.04	7,087.04	7,087.04	43.72	245.69	66.18	1,591.93	-7,065.76	8,508.21	8,226.00	282.21	30.149		
7,700.00	7,056.76	7,103.24	7,096.76	44.05	246.25	72.46	1,591.93	-7,065.76	8,464.54	8,181.75	282.79	29.932		
7,750.00	7,062.76	7,102.76	7,102.76	44.41	246.23	80.11	1,591.93	-7,065.76	8,419.90	8,137.09	282.81	29.772		
7,799.36	7,065.00	7,105.00	7,105.00	44.81	246.31	88.95	1,591.93	-7,065.76	8,375.14	8,092.20	282.94	29.600		
7,900.00	7,065.83	7,105.83	7,105.83	45.73	246.34	88.96	1,591.93	-7,065.76	8,283.48	8,000.35	283.12	29.258		
8,000.00	7,066.66	7,106.66	7,106.66	46.83	246.37	88.98	1,591.93	-7,065.76	8,192.60	7,909.25	283.35	28.914		
8,100.00	7,067.49	7,107.49	7,107.49	48.11	246.40	88.99	1,591.93	-7,065.76	8,101.94	7,818.31	283.63	28.566		
8,200.00	7,068.31	7,108.31	7,108.31	49.55	246.43	89.00	1,591.93	-7,065.76	8,011.50	7,727.54	283.96	28.214		
8,300.00	7,069.14	7,109.14	7,109.14	51.14	246.46	89.02	1,591.93	-7,065.76	7,921.29	7,636.95	284.35	27.858		
8,400.00	7,069.96	7,109.96	7,109.96	52.86	246.49	89.03	1,591.93	-7,065.76	7,831.32	7,546.53	284.79	27.498		
8,500.00	7,070.79	7,110.79	7,110.79	54.70	246.51	89.05	1,591.93	-7,065.76	7,741.60	7,456.30	285.30	27.135		
8,600.00	7,071.61	7,111.61	7,111.61	56.64	246.54	89.06	1,591.93	-7,065.76	7,652.13	7,366.26	285.87	26.768		
8,700.00	7,072.44	7,112.44	7,112.44	58.68	246.57	89.07	1,591.93	-7,065.76	7,562.92	7,276.42	286.50	26.398		
8,800.00	7,073.27	7,113.27	7,113.27	60.78	246.60	89.09	1,591.93	-7,065.76	7,473.99	7,186.79	287.20	26.024		
8,900.00	7,074.09	7,114.09	7,114.09	62.96	246.63	89.10	1,591.93	-7,065.76	7,385.34	7,097.38	287.96	25.647		
9,000.00	7,074.92	7,114.92	7,114.92	65.19	246.66	89.11	1,591.93	-7,065.76	7,296.98	7,008.19	288.79	25.267		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,115.74	7,115.74	67.48	246.69	89.13	1,591.93	-7,065.76	7,208.93	6,919.23	289.69	24.885		
9,200.00	7,076.57	7,116.57	7,116.57	69.82	246.72	89.14	1,591.93	-7,065.76	7,121.19	6,830.53	290.67	24.500		
9,300.00	7,077.40	7,117.40	7,117.40	72.19	246.75	89.16	1,591.93	-7,065.76	7,033.78	6,742.08	291.71	24.112		
9,400.00	7,078.22	7,118.22	7,118.22	74.61	246.77	89.17	1,591.93	-7,065.76	6,946.71	6,653.89	292.82	23.723		
9,500.00	7,079.05	7,119.05	7,119.05	77.05	246.80	89.18	1,591.93	-7,065.76	6,859.99	6,565.99	294.01	23.333		
9,600.00	7,079.87	7,119.87	7,119.87	79.53	246.83	89.20	1,591.93	-7,065.76	6,773.64	6,478.38	295.27	22.941		
9,700.00	7,080.70	7,120.70	7,120.70	82.03	246.86	89.21	1,591.93	-7,065.76	6,687.67	6,391.07	296.60	22.548		
9,800.00	7,081.53	7,121.53	7,121.53	84.55	246.89	89.22	1,591.93	-7,065.76	6,602.09	6,304.08	298.01	22.154		
9,900.00	7,082.35	7,122.35	7,122.35	87.10	246.92	89.24	1,591.93	-7,065.76	6,516.93	6,217.43	299.49	21.760		
10,000.00	7,083.18	7,123.18	7,123.18	89.67	246.95	89.25	1,591.93	-7,065.76	6,432.19	6,131.14	301.05	21.366		
10,100.00	7,084.00	7,124.00	7,124.00	92.25	246.98	89.27	1,591.93	-7,065.76	6,347.90	6,045.20	302.69	20.972		
10,200.00	7,084.83	7,124.83	7,124.83	94.86	247.00	89.28	1,591.93	-7,065.76	6,264.06	5,959.66	304.40	20.578		
10,300.00	7,085.65	7,125.65	7,125.65	97.47	247.03	89.29	1,591.93	-7,065.76	6,180.71	5,874.51	306.20	20.185		
10,400.00	7,086.48	7,126.48	7,126.48	100.10	247.06	89.31	1,591.93	-7,065.76	6,097.86	5,789.79	308.07	19.794		
10,500.00	7,087.31	7,127.31	7,127.31	102.75	247.09	89.32	1,591.93	-7,065.76	6,015.53	5,705.51	310.02	19.404		
10,600.00	7,088.13	7,128.13	7,128.13	105.40	247.12	89.33	1,591.93	-7,065.76	5,933.74	5,621.69	312.05	19.016		
10,700.00	7,088.96	7,128.96	7,128.96	108.07	247.15	89.35	1,591.93	-7,065.76	5,852.52	5,538.36	314.16	18.629		
10,800.00	7,089.78	7,129.78	7,129.78	110.75	247.18	89.36	1,591.93	-7,065.76	5,771.89	5,455.53	316.35	18.245		
10,900.00	7,090.61	7,130.61	7,130.61	113.43	247.21	89.38	1,591.93	-7,065.76	5,691.87	5,373.24	318.63	17.864		
11,000.00	7,091.44	7,131.44	7,131.44	116.13	247.24	89.39	1,591.93	-7,065.76	5,612.49	5,291.50	320.99	17.485		
11,100.00	7,092.26	7,132.26	7,132.26	118.83	247.26	89.40	1,591.93	-7,065.76	5,533.78	5,210.35	323.43	17.110		
11,200.00	7,093.09	7,133.09	7,133.09	121.54	247.29	89.42	1,591.93	-7,065.76	5,455.77	5,129.81	325.96	16.737		
11,300.00	7,093.91	7,133.91	7,133.91	124.25	247.32	89.43	1,591.93	-7,065.76	5,378.49	5,049.91	328.58	16.369		
11,400.00	7,094.74	7,134.74	7,134.74	126.98	247.35	89.44	1,591.93	-7,065.76	5,301.96	4,970.68	331.28	16.004		
11,500.00	7,095.57	7,135.57	7,135.57	129.70	247.38	89.46	1,591.93	-7,065.76	5,226.23	4,892.16	334.07	15.644		
11,600.00	7,096.39	7,136.39	7,136.39	132.44	247.41	89.47	1,591.93	-7,065.76	5,151.33	4,814.38	336.95	15.288		
11,700.00	7,097.22	7,137.22	7,137.22	135.18	247.44	89.49	1,591.93	-7,065.76	5,077.29	4,737.37	339.92	14.937		
11,800.00	7,098.04	7,138.04	7,138.04	137.92	247.47	89.50	1,591.93	-7,065.76	5,004.15	4,661.17	342.98	14.590		
11,900.00	7,098.87	7,138.87	7,138.87	140.67	247.49	89.51	1,591.93	-7,065.76	4,931.96	4,585.83	346.13	14.249		
12,000.00	7,099.69	7,139.69	7,139.69	143.43	247.52	89.53	1,591.93	-7,065.76	4,860.75	4,511.38	349.37	13.913		
12,100.00	7,100.52	7,140.52	7,140.52	146.19	247.55	89.54	1,591.93	-7,065.76	4,790.57	4,437.87	352.70	13.582		
12,200.00	7,101.35	7,141.35	7,141.35	148.95	247.58	89.55	1,591.93	-7,065.76	4,721.47	4,365.34	356.13	13.258		
12,300.00	7,102.17	7,142.17	7,142.17	151.71	247.61	89.57	1,591.93	-7,065.76	4,653.48	4,293.85	359.64	12.939		
12,400.00	7,103.00	7,143.00	7,143.00	154.48	247.64	89.58	1,591.93	-7,065.76	4,586.68	4,223.43	363.24	12.627		
12,500.00	7,103.82	7,143.82	7,143.82	157.26	247.67	89.60	1,591.93	-7,065.76	4,521.09	4,154.16	366.93	12.321		
12,600.00	7,104.65	7,144.65	7,144.65	160.03	247.70	89.61	1,591.93	-7,065.76	4,456.79	4,086.07	370.71	12.022		
12,700.00	7,105.48	7,145.48	7,145.48	162.81	247.73	89.62	1,591.93	-7,065.76	4,393.81	4,019.23	374.58	11.730		
12,800.00	7,106.30	7,146.30	7,146.30	165.59	247.75	89.64	1,591.93	-7,065.76	4,332.24	3,953.71	378.53	11.445		
12,900.00	7,107.13	7,147.13	7,147.13	168.38	247.78	89.65	1,591.93	-7,065.76	4,272.11	3,889.55	382.56	11.167		
13,000.00	7,107.95	7,147.95	7,147.95	171.16	247.81	89.66	1,591.93	-7,065.76	4,213.50	3,826.83	386.67	10.897		
13,100.00	7,108.78	7,148.78	7,148.78	173.95	247.84	89.68	1,591.93	-7,065.76	4,156.47	3,765.62	390.85	10.634		
13,200.00	7,109.61	7,149.61	7,149.61	176.74	247.87	89.69	1,591.93	-7,065.76	4,101.09	3,705.99	395.10	10.380		
13,300.00	7,110.43	7,150.43	7,150.43	179.54	247.90	89.71	1,591.93	-7,065.76	4,047.42	3,648.01	399.41	10.133		
13,368.87	7,111.00	7,151.00	7,151.00	181.46	247.92	89.72	1,591.93	-7,065.76	4,011.49	3,609.07	402.42	9.969 CC, ES, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	30.00	30.00	3.28	3.32	-76.27	1,398.51	-5,722.67	5,891.08					
100.00	100.00	130.00	130.00	3.28	4.31	-76.27	1,398.51	-5,722.67	5,891.08	5,883.48	7.59	775.896		
200.00	200.00	230.00	230.00	3.34	7.09	-76.27	1,398.51	-5,722.67	5,891.08	5,880.65	10.43	565.071		
300.00	299.98	329.98	329.98	3.44	10.31	139.38	1,398.51	-5,722.67	5,892.40	5,878.65	13.75	428.538		
400.00	399.84	429.84	429.84	3.59	13.66	139.36	1,398.51	-5,722.67	5,896.38	5,879.12	17.25	341.782		
500.00	499.45	529.45	529.45	3.79	17.06	139.33	1,398.51	-5,722.67	5,903.00	5,882.15	20.85	283.138		
600.00	598.70	628.70	628.70	4.04	20.47	139.28	1,398.51	-5,722.67	5,912.27	5,887.77	24.50	241.285		
700.00	697.47	727.47	727.47	4.32	23.88	139.22	1,398.51	-5,722.67	5,924.18	5,895.99	28.20	210.111		
800.00	795.62	825.62	825.62	4.65	27.27	139.15	1,398.51	-5,722.67	5,938.74	5,906.83	31.91	186.101		
900.00	893.06	923.06	923.06	5.01	30.65	139.06	1,398.51	-5,722.67	5,955.93	5,920.29	35.64	167.112		
1,000.00	989.64	1,019.64	1,019.64	5.41	34.01	138.96	1,398.51	-5,722.67	5,975.75	5,936.38	39.37	151.769		
1,100.00	1,085.27	1,115.27	1,115.27	5.85	37.33	138.84	1,398.51	-5,722.67	5,998.20	5,955.10	43.11	139.152		
1,191.50	1,171.82	1,201.82	1,201.82	6.29	40.34	138.71	1,398.51	-5,722.67	6,021.04	5,974.53	46.51	129.448		
1,200.00	1,179.82	1,209.82	1,209.82	6.34	40.62	138.72	1,398.51	-5,722.67	6,023.26	5,976.43	46.83	128.614		
1,300.00	1,273.89	1,303.89	1,303.89	6.85	43.90	138.93	1,398.51	-5,722.67	6,049.46	5,998.91	50.55	119.663		
1,400.00	1,367.96	1,402.04	1,397.96	7.38	47.31	139.14	1,398.51	-5,722.67	6,075.73	6,021.30	54.44	111.614		
1,500.00	1,462.03	1,507.97	1,492.03	7.93	51.00	139.34	1,398.51	-5,722.67	6,102.08	6,043.48	58.60	104.129		
1,600.00	1,556.10	1,586.10	1,586.10	8.49	53.73	139.54	1,398.51	-5,722.67	6,128.50	6,066.69	61.81	99.151		
1,700.00	1,650.17	1,680.17	1,680.17	9.06	57.00	139.74	1,398.51	-5,722.67	6,155.00	6,089.42	65.58	93.850		
1,800.00	1,744.24	1,774.24	1,774.24	9.65	60.28	139.94	1,398.51	-5,722.67	6,181.57	6,112.21	69.36	89.118		
1,900.00	1,838.31	1,868.31	1,868.31	10.23	63.56	140.14	1,398.51	-5,722.67	6,208.21	6,135.06	73.15	84.869		
2,000.00	1,932.38	1,962.38	1,962.38	10.83	66.84	140.33	1,398.51	-5,722.67	6,234.92	6,157.98	76.94	81.034		
2,100.00	2,026.45	2,056.45	2,056.45	11.43	70.12	140.52	1,398.51	-5,722.67	6,261.70	6,180.96	80.74	77.555		
2,200.00	2,120.52	2,150.52	2,150.52	12.03	73.40	140.72	1,398.51	-5,722.67	6,288.55	6,204.02	84.54	74.387		
2,300.00	2,214.59	2,244.59	2,244.59	12.63	76.68	140.91	1,398.51	-5,722.67	6,315.47	6,227.13	88.34	71.490		
2,400.00	2,308.66	2,338.66	2,338.66	13.24	79.96	141.10	1,398.51	-5,722.67	6,342.46	6,250.31	92.15	68.831		
2,500.00	2,402.73	2,432.73	2,432.73	13.86	83.25	141.28	1,398.51	-5,722.67	6,369.51	6,273.56	95.95	66.382		
2,600.00	2,496.80	2,526.80	2,526.80	14.47	86.53	141.47	1,398.51	-5,722.67	6,396.63	6,296.87	99.76	64.120		
2,700.00	2,590.87	2,620.87	2,620.87	15.09	89.81	141.65	1,398.51	-5,722.67	6,423.81	6,320.24	103.57	62.023		
2,800.00	2,684.95	2,714.95	2,714.95	15.71	93.09	141.84	1,398.51	-5,722.67	6,451.05	6,343.67	107.38	60.076		
2,900.00	2,779.02	2,809.02	2,809.02	16.33	96.37	142.02	1,398.51	-5,722.67	6,478.36	6,367.17	111.19	58.262		
3,000.00	2,873.09	2,903.09	2,903.09	16.95	99.66	142.20	1,398.51	-5,722.67	6,505.73	6,390.73	115.01	56.568		
3,100.00	2,967.16	3,002.84	2,997.16	17.57	103.14	142.37	1,398.51	-5,722.67	6,533.17	6,414.15	119.02	54.892		
3,200.00	3,061.23	3,108.77	3,091.23	18.20	106.83	142.55	1,398.51	-5,722.67	6,560.66	6,437.41	123.25	53.232		
3,300.00	3,155.30	3,185.30	3,185.30	18.82	109.50	142.73	1,398.51	-5,722.67	6,588.21	6,461.77	126.45	52.102		
3,400.00	3,249.37	3,279.37	3,279.37	19.45	112.79	142.90	1,398.51	-5,722.67	6,615.83	6,485.56	130.26	50.788		
3,500.00	3,343.44	3,373.44	3,373.44	20.07	116.07	143.07	1,398.51	-5,722.67	6,643.50	6,509.42	134.08	49.549		
3,600.00	3,437.51	3,467.51	3,467.51	20.70	119.35	143.25	1,398.51	-5,722.67	6,671.23	6,533.33	137.89	48.379		
3,700.00	3,531.58	3,561.58	3,561.58	21.33	122.63	143.42	1,398.51	-5,722.67	6,699.01	6,557.30	141.71	47.273		
3,800.00	3,625.65	3,655.65	3,655.65	21.96	125.92	143.58	1,398.51	-5,722.67	6,726.85	6,581.33	145.52	46.225		
3,900.00	3,719.72	3,749.72	3,749.72	22.59	129.20	143.75	1,398.51	-5,722.67	6,754.75	6,605.41	149.34	45.231		
4,000.00	3,813.79	3,843.79	3,843.79	23.22	132.48	143.92	1,398.51	-5,722.67	6,782.70	6,629.55	153.15	44.287		
4,100.00	3,907.86	3,937.86	3,937.86	23.85	135.77	144.08	1,398.51	-5,722.67	6,810.71	6,653.74	156.97	43.389		
4,200.00	4,001.93	4,031.93	4,031.93	24.48	139.05	144.25	1,398.51	-5,722.67	6,838.77	6,677.99	160.78	42.534		
4,300.00	4,096.00	4,126.00	4,126.00	25.11	142.33	144.41	1,398.51	-5,722.67	6,866.88	6,702.28	164.60	41.719		
4,400.00	4,190.07	4,220.07	4,220.07	25.75	145.61	144.57	1,398.51	-5,722.67	6,895.05	6,726.64	168.41	40.941		
4,500.00	4,284.14	4,314.14	4,314.14	26.38	148.90	144.73	1,398.51	-5,722.67	6,923.27	6,751.04	172.23	40.198		
4,600.00	4,378.21	4,408.21	4,408.21	27.01	152.18	144.89	1,398.51	-5,722.67	6,951.53	6,775.49	176.04	39.488		
4,700.00	4,472.28	4,502.28	4,502.28	27.65	155.46	145.04	1,398.51	-5,722.67	6,979.85	6,800.00	179.86	38.808		
4,800.00	4,566.35	4,603.65	4,596.35	28.28	159.00	145.20	1,398.51	-5,722.67	7,008.22	6,824.30	183.93	38.104		
4,900.00	4,660.42	4,709.58	4,690.42	28.91	162.70	145.35	1,398.51	-5,722.67	7,036.64	6,848.49	188.15	37.399		
5,000.00	4,754.49	4,784.49	4,784.49	29.55	165.31	145.51	1,398.51	-5,722.67	7,065.11	6,873.81	191.30	36.933		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,878.56	4,878.56	30.18	168.60	145.66	1,398.51	-5,722.67	7,093.62	6,898.51	195.11	36.357		
5,200.00	4,942.63	4,972.63	4,972.63	30.82	171.88	145.81	1,398.51	-5,722.67	7,122.18	6,923.26	198.92	35.804		
5,300.00	5,036.70	5,066.70	5,066.70	31.45	175.16	145.96	1,398.51	-5,722.67	7,150.79	6,948.05	202.74	35.272		
5,400.00	5,130.77	5,160.77	5,160.77	32.09	178.45	146.11	1,398.51	-5,722.67	7,179.44	6,972.90	206.55	34.759		
5,500.00	5,224.84	5,254.84	5,254.84	32.72	181.73	146.26	1,398.51	-5,722.67	7,208.14	6,997.78	210.36	34.266		
5,600.00	5,318.91	5,348.91	5,348.91	33.36	185.01	146.40	1,398.51	-5,722.67	7,236.89	7,022.72	214.17	33.790		
5,700.00	5,412.98	5,442.98	5,442.98	33.99	188.30	146.55	1,398.51	-5,722.67	7,265.68	7,047.70	217.98	33.332		
5,800.00	5,507.06	5,537.06	5,537.06	34.63	191.58	146.69	1,398.51	-5,722.67	7,294.51	7,072.72	221.79	32.889		
5,900.00	5,601.13	5,631.13	5,631.13	35.26	194.87	146.84	1,398.51	-5,722.67	7,323.39	7,097.79	225.60	32.461		
6,000.00	5,695.20	5,725.20	5,725.20	35.90	198.15	146.98	1,398.51	-5,722.67	7,352.31	7,122.90	229.41	32.048		
6,100.00	5,789.27	5,819.27	5,819.27	36.54	201.43	147.12	1,398.51	-5,722.67	7,381.28	7,148.05	233.22	31.649		
6,200.00	5,883.34	5,913.34	5,913.34	37.17	204.72	147.26	1,398.51	-5,722.67	7,410.28	7,173.25	237.03	31.263		
6,300.00	5,977.41	6,007.41	6,007.41	37.81	208.00	147.40	1,398.51	-5,722.67	7,439.33	7,198.49	240.84	30.889		
6,400.00	6,071.48	6,101.48	6,101.48	38.44	211.28	147.54	1,398.51	-5,722.67	7,468.42	7,223.77	244.65	30.527		
6,500.00	6,165.55	6,204.45	6,195.55	39.08	214.88	147.67	1,398.51	-5,722.67	7,497.55	7,248.78	248.77	30.138		
6,600.00	6,259.62	6,289.62	6,289.62	39.72	217.85	147.81	1,398.51	-5,722.67	7,526.72	7,274.45	252.27	29.836		
6,677.33	6,332.36	6,362.36	6,362.36	40.21	220.39	147.91	1,398.51	-5,722.67	7,549.30	7,294.09	255.21	29.580		
6,700.00	6,353.76	6,383.76	6,383.76	40.35	221.14	142.75	1,398.51	-5,722.67	7,555.57	7,299.49	256.08	29.505		
6,750.00	6,401.37	6,431.37	6,431.37	40.64	222.80	129.53	1,398.51	-5,722.67	7,566.87	7,308.88	257.99	29.330		
6,800.00	6,449.30	6,479.30	6,479.30	40.89	224.47	114.42	1,398.51	-5,722.67	7,574.65	7,314.74	259.91	29.144		
6,850.00	6,497.25	6,527.25	6,527.25	41.11	226.15	99.24	1,398.51	-5,722.67	7,578.85	7,317.05	261.80	28.949		
6,900.00	6,544.95	6,574.95	6,574.95	41.29	227.81	85.95	1,398.51	-5,722.67	7,579.47	7,315.82	263.66	28.748		
6,950.00	6,592.08	6,622.08	6,622.08	41.45	229.46	75.45	1,398.51	-5,722.67	7,576.52	7,311.06	265.46	28.541		
7,000.00	6,638.35	6,668.35	6,668.35	41.58	231.07	67.61	1,398.51	-5,722.67	7,570.00	7,302.80	267.21	28.330		
7,050.00	6,683.50	6,713.50	6,713.50	41.70	232.65	61.92	1,398.51	-5,722.67	7,559.99	7,291.11	268.88	28.117		
7,100.00	6,727.22	6,757.22	6,757.22	41.81	234.17	57.87	1,398.51	-5,722.67	7,546.54	7,276.06	270.47	27.901		
7,150.00	6,769.26	6,800.74	6,799.26	41.92	235.69	55.06	1,398.51	-5,722.67	7,529.75	7,257.71	272.04	27.679		
7,200.00	6,809.36	6,839.36	6,839.36	42.03	237.04	53.24	1,398.51	-5,722.67	7,509.73	7,236.32	273.41	27.467		
7,250.00	6,847.27	6,877.27	6,877.27	42.15	238.36	52.23	1,398.51	-5,722.67	7,486.61	7,211.88	274.73	27.251		
7,300.00	6,882.75	6,912.75	6,912.75	42.27	239.60	51.91	1,398.51	-5,722.67	7,460.54	7,184.58	275.96	27.035		
7,350.00	6,915.58	6,945.58	6,945.58	42.41	240.75	52.23	1,398.51	-5,722.67	7,431.69	7,154.61	277.08	26.821		
7,400.00	6,945.57	6,975.57	6,975.57	42.57	241.79	53.18	1,398.51	-5,722.67	7,400.24	7,122.14	278.10	26.610		
7,450.00	6,972.53	7,002.53	7,002.53	42.75	242.74	54.75	1,398.51	-5,722.67	7,366.39	7,087.38	279.01	26.401		
7,500.00	6,996.30	7,026.30	7,026.30	42.95	243.57	57.01	1,398.51	-5,722.67	7,330.35	7,050.53	279.82	26.197		
7,550.00	7,016.72	7,046.72	7,046.72	43.17	244.28	60.01	1,398.51	-5,722.67	7,292.35	7,011.83	280.52	25.996		
7,600.00	7,033.66	7,063.66	7,063.66	43.43	244.87	63.84	1,398.51	-5,722.67	7,252.61	6,971.50	281.11	25.800		
7,650.00	7,047.04	7,077.04	7,077.04	43.72	245.34	68.62	1,398.51	-5,722.67	7,211.38	6,929.78	281.60	25.609		
7,700.00	7,056.76	7,086.76	7,086.76	44.05	245.68	74.42	1,398.51	-5,722.67	7,168.91	6,886.94	281.97	25.424		
7,750.00	7,062.76	7,102.76	7,102.76	44.41	246.39	81.30	1,398.51	-5,722.67	7,125.46	6,842.72	282.74	25.201		
7,799.36	7,065.00	7,105.00	7,095.00	44.81	246.31	89.08	1,398.51	-5,722.67	7,081.87	6,799.12	282.74	25.047		
7,900.00	7,065.83	7,104.17	7,095.83	45.73	246.28	89.10	1,398.51	-5,722.67	6,992.58	6,709.65	282.93	24.715		
8,000.00	7,066.66	7,103.34	7,096.66	46.83	246.25	89.11	1,398.51	-5,722.67	6,904.17	6,621.00	283.17	24.382		
8,100.00	7,067.49	7,102.51	7,097.49	48.11	246.23	89.13	1,398.51	-5,722.67	6,816.08	6,532.61	283.48	24.044		
8,200.00	7,068.31	7,101.69	7,098.31	49.55	246.20	89.14	1,398.51	-5,722.67	6,728.33	6,444.47	283.86	23.703		
8,300.00	7,069.14	7,100.86	7,099.14	51.14	246.17	89.16	1,398.51	-5,722.67	6,640.92	6,356.61	284.31	23.358		
8,400.00	7,069.96	7,100.04	7,099.96	52.86	246.14	89.17	1,398.51	-5,722.67	6,553.87	6,269.03	284.84	23.009		
8,500.00	7,070.79	7,100.79	7,100.79	54.70	246.17	89.18	1,398.51	-5,722.67	6,467.20	6,181.69	285.51	22.652		
8,600.00	7,071.61	7,101.61	7,101.61	56.64	246.19	89.20	1,398.51	-5,722.67	6,380.92	6,094.66	286.25	22.291		
8,700.00	7,072.44	7,102.44	7,102.44	58.68	246.22	89.21	1,398.51	-5,722.67	6,295.04	6,007.95	287.09	21.927		
8,800.00	7,073.27	7,103.27	7,103.27	60.78	246.25	89.23	1,398.51	-5,722.67	6,209.58	5,921.58	288.00	21.561		
8,900.00	7,074.09	7,104.09	7,104.09	62.96	246.28	89.24	1,398.51	-5,722.67	6,124.57	5,835.56	289.00	21.192		
9,000.00	7,074.92	7,104.92	7,104.92	65.19	246.31	89.26	1,398.51	-5,722.67	6,040.01	5,749.92	290.09	20.821		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,105.74	7,105.74	67.48	246.34	89.27	1,398.51	-5,722.67	5,955.93	5,664.66	291.27	20.448		
9,200.00	7,076.57	7,106.57	7,106.57	69.82	246.37	89.29	1,398.51	-5,722.67	5,872.35	5,579.81	292.55	20.073		
9,300.00	7,077.40	7,107.40	7,107.40	72.19	246.40	89.30	1,398.51	-5,722.67	5,789.30	5,495.39	293.91	19.698		
9,400.00	7,078.22	7,108.22	7,108.22	74.61	246.42	89.32	1,398.51	-5,722.67	5,706.78	5,411.42	295.36	19.321		
9,500.00	7,079.05	7,109.05	7,109.05	77.05	246.45	89.33	1,398.51	-5,722.67	5,624.83	5,327.92	296.91	18.945		
9,600.00	7,079.87	7,109.87	7,109.87	79.53	246.48	89.35	1,398.51	-5,722.67	5,543.48	5,244.93	298.55	18.568		
9,700.00	7,080.70	7,110.70	7,110.70	82.03	246.51	89.36	1,398.51	-5,722.67	5,462.74	5,162.46	300.29	18.192		
9,800.00	7,081.53	7,111.53	7,111.53	84.55	246.54	89.37	1,398.51	-5,722.67	5,382.65	5,080.54	302.12	17.816		
9,900.00	7,082.35	7,112.35	7,112.35	87.10	246.57	89.39	1,398.51	-5,722.67	5,303.24	4,999.20	304.04	17.442		
10,000.00	7,083.18	7,113.18	7,113.18	89.67	246.60	89.40	1,398.51	-5,722.67	5,224.53	4,918.47	306.06	17.070		
10,100.00	7,084.00	7,114.00	7,114.00	92.25	246.63	89.42	1,398.51	-5,722.67	5,146.56	4,838.38	308.18	16.700		
10,200.00	7,084.83	7,114.83	7,114.83	94.86	246.66	89.43	1,398.51	-5,722.67	5,069.37	4,758.97	310.40	16.332		
10,300.00	7,085.65	7,115.65	7,115.65	97.47	246.68	89.45	1,398.51	-5,722.67	4,992.99	4,680.27	312.71	15.967		
10,400.00	7,086.48	7,116.48	7,116.48	100.10	246.71	89.46	1,398.51	-5,722.67	4,917.45	4,602.32	315.13	15.605		
10,500.00	7,087.31	7,117.31	7,117.31	102.75	246.74	89.48	1,398.51	-5,722.67	4,842.80	4,525.16	317.64	15.246		
10,600.00	7,088.13	7,118.13	7,118.13	105.40	246.77	89.49	1,398.51	-5,722.67	4,769.07	4,448.83	320.24	14.892		
10,700.00	7,088.96	7,118.96	7,118.96	108.07	246.80	89.51	1,398.51	-5,722.67	4,696.32	4,373.37	322.95	14.542		
10,800.00	7,089.78	7,119.78	7,119.78	110.75	246.83	89.52	1,398.51	-5,722.67	4,624.59	4,298.83	325.76	14.196		
10,900.00	7,090.61	7,120.61	7,120.61	113.43	246.86	89.53	1,398.51	-5,722.67	4,553.92	4,225.26	328.67	13.856		
11,000.00	7,091.44	7,121.44	7,121.44	116.13	246.89	89.55	1,398.51	-5,722.67	4,484.37	4,152.70	331.67	13.520		
11,100.00	7,092.26	7,122.26	7,122.26	118.83	246.91	89.56	1,398.51	-5,722.67	4,415.99	4,081.21	334.78	13.191		
11,200.00	7,093.09	7,123.09	7,123.09	121.54	246.94	89.58	1,398.51	-5,722.67	4,348.83	4,010.85	337.98	12.867		
11,300.00	7,093.91	7,123.91	7,123.91	124.25	246.97	89.59	1,398.51	-5,722.67	4,282.96	3,941.68	341.28	12.550		
11,400.00	7,094.74	7,124.74	7,124.74	126.98	247.00	89.61	1,398.51	-5,722.67	4,218.42	3,873.75	344.68	12.239		
11,500.00	7,095.57	7,125.57	7,125.57	129.70	247.03	89.62	1,398.51	-5,722.67	4,155.30	3,807.13	348.17	11.935		
11,600.00	7,096.39	7,126.39	7,126.39	132.44	247.06	89.64	1,398.51	-5,722.67	4,093.64	3,741.89	351.75	11.638		
11,700.00	7,097.22	7,127.22	7,127.22	135.18	247.09	89.65	1,398.51	-5,722.67	4,033.51	3,678.09	355.42	11.349		
11,800.00	7,098.04	7,128.04	7,128.04	137.92	247.12	89.67	1,398.51	-5,722.67	3,975.00	3,615.82	359.18	11.067		
11,900.00	7,098.87	7,128.87	7,128.87	140.67	247.15	89.68	1,398.51	-5,722.67	3,918.16	3,555.14	363.01	10.793		
12,000.00	7,099.69	7,129.69	7,129.69	143.43	247.17	89.69	1,398.51	-5,722.67	3,863.07	3,496.14	366.93	10.528		
12,100.00	7,100.52	7,130.52	7,130.52	146.19	247.20	89.71	1,398.51	-5,722.67	3,809.82	3,438.90	370.91	10.271		
12,200.00	7,101.35	7,131.35	7,131.35	148.95	247.23	89.72	1,398.51	-5,722.67	3,758.46	3,383.50	374.96	10.024		
12,300.00	7,102.17	7,132.17	7,132.17	151.71	247.26	89.74	1,398.51	-5,722.67	3,709.10	3,330.03	379.07	9.785		
12,400.00	7,103.00	7,133.00	7,133.00	154.48	247.29	89.75	1,398.51	-5,722.67	3,661.80	3,278.57	383.23	9.555		
12,500.00	7,103.82	7,133.82	7,133.82	157.26	247.32	89.77	1,398.51	-5,722.67	3,616.65	3,229.22	387.43	9.335		
12,600.00	7,104.65	7,134.65	7,134.65	160.03	247.35	89.78	1,398.51	-5,722.67	3,573.72	3,182.07	391.66	9.125		
12,700.00	7,105.48	7,135.48	7,135.48	162.81	247.38	89.80	1,398.51	-5,722.67	3,533.11	3,137.20	395.90	8.924		
12,800.00	7,106.30	7,136.30	7,136.30	165.59	247.41	89.81	1,398.51	-5,722.67	3,494.88	3,094.73	400.16	8.734		
12,900.00	7,107.13	7,137.13	7,137.13	168.38	247.43	89.83	1,398.51	-5,722.67	3,459.13	3,054.72	404.41	8.554		
13,000.00	7,107.95	7,137.95	7,137.95	171.16	247.46	89.84	1,398.51	-5,722.67	3,425.92	3,017.28	408.64	8.384		
13,100.00	7,108.78	7,138.78	7,138.78	173.95	247.49	89.86	1,398.51	-5,722.67	3,395.33	2,982.49	412.84	8.224		
13,200.00	7,109.61	7,139.61	7,139.61	176.74	247.52	89.87	1,398.51	-5,722.67	3,367.44	2,950.45	416.99	8.076		
13,300.00	7,110.43	7,140.43	7,140.43	179.54	247.55	89.88	1,398.51	-5,722.67	3,342.30	2,921.23	421.07	7.938		
13,368.87	7,111.00	7,141.00	7,141.00	181.46	247.57	89.89	1,398.51	-5,722.67	3,326.63	2,902.79	423.84	7.849 CC, ES, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	23.00	23.00	3.28	3.30	-87.47	193.47	-4,370.57	4,374.85					
100.00	100.00	123.00	123.00	3.28	4.15	-87.47	193.47	-4,370.57	4,374.85	4,367.41	7.44	588.147		
200.00	200.00	223.00	223.00	3.34	6.87	-87.47	193.47	-4,370.57	4,374.85	4,364.64	10.21	428.500		
300.00	299.98	322.98	322.98	3.44	10.08	128.19	193.47	-4,370.57	4,375.93	4,362.41	13.52	323.699		
400.00	399.84	422.84	422.84	3.59	13.42	128.19	193.47	-4,370.57	4,379.16	4,362.15	17.01	257.384		
500.00	499.45	522.45	522.45	3.79	16.82	128.19	193.47	-4,370.57	4,384.57	4,363.96	20.61	212.764		
600.00	598.70	621.70	621.70	4.04	20.23	128.20	193.47	-4,370.57	4,392.14	4,367.88	24.26	181.035		
700.00	697.47	720.47	720.47	4.32	23.63	128.20	193.47	-4,370.57	4,401.89	4,373.93	27.95	157.468		
800.00	795.62	818.62	818.62	4.65	27.03	128.21	193.47	-4,370.57	4,413.82	4,382.15	31.67	139.358		
900.00	893.06	916.06	916.06	5.01	30.41	128.21	193.47	-4,370.57	4,427.96	4,392.55	35.41	125.060		
1,000.00	989.64	1,012.64	1,012.64	5.41	33.77	128.20	193.47	-4,370.57	4,444.31	4,405.16	39.15	113.525		
1,100.00	1,085.27	1,108.27	1,108.27	5.85	37.09	128.19	193.47	-4,370.57	4,462.89	4,420.00	42.89	104.051		
1,191.50	1,171.82	1,205.18	1,194.82	6.29	40.46	128.18	193.47	-4,370.57	4,481.85	4,435.18	46.67	96.027		
1,200.00	1,179.82	1,202.82	1,202.82	6.34	40.38	128.21	193.47	-4,370.57	4,483.70	4,437.07	46.63	96.150		
1,300.00	1,273.89	1,303.11	1,296.89	6.85	43.87	128.53	193.47	-4,370.57	4,505.55	4,454.95	50.59	89.058		
1,400.00	1,367.96	1,409.04	1,390.96	7.38	47.56	128.86	193.47	-4,370.57	4,527.54	4,472.77	54.76	82.672		
1,500.00	1,462.03	1,485.03	1,485.03	7.93	50.20	129.18	193.47	-4,370.57	4,549.68	4,491.77	57.91	78.565		
1,600.00	1,556.10	1,579.10	1,579.10	8.49	53.48	129.50	193.47	-4,370.57	4,571.96	4,510.27	61.70	74.105		
1,700.00	1,650.17	1,673.17	1,673.17	9.06	56.76	129.81	193.47	-4,370.57	4,594.39	4,528.90	65.49	70.154		
1,800.00	1,744.24	1,767.24	1,767.24	9.65	60.04	130.12	193.47	-4,370.57	4,616.95	4,547.66	69.29	66.630		
1,900.00	1,838.31	1,861.31	1,861.31	10.23	63.32	130.43	193.47	-4,370.57	4,639.66	4,566.56	73.10	63.470		
2,000.00	1,932.38	1,955.38	1,955.38	10.83	66.60	130.74	193.47	-4,370.57	4,662.50	4,585.59	76.91	60.621		
2,100.00	2,026.45	2,049.45	2,049.45	11.43	69.88	131.04	193.47	-4,370.57	4,685.48	4,604.75	80.73	58.039		
2,200.00	2,120.52	2,143.52	2,143.52	12.03	73.16	131.34	193.47	-4,370.57	4,708.58	4,624.04	84.55	55.691		
2,300.00	2,214.59	2,237.59	2,237.59	12.63	76.44	131.64	193.47	-4,370.57	4,731.82	4,643.45	88.37	53.545		
2,400.00	2,308.66	2,331.66	2,331.66	13.24	79.72	131.94	193.47	-4,370.57	4,755.19	4,662.99	92.19	51.578		
2,500.00	2,402.73	2,425.73	2,425.73	13.86	83.00	132.23	193.47	-4,370.57	4,778.68	4,682.66	96.02	49.767		
2,600.00	2,496.80	2,519.80	2,519.80	14.47	86.28	132.52	193.47	-4,370.57	4,802.30	4,702.45	99.85	48.097		
2,700.00	2,590.87	2,613.87	2,613.87	15.09	89.57	132.81	193.47	-4,370.57	4,826.04	4,722.37	103.67	46.550		
2,800.00	2,684.95	2,707.95	2,707.95	15.71	92.85	133.09	193.47	-4,370.57	4,849.90	4,742.40	107.50	45.114		
2,900.00	2,779.02	2,802.02	2,802.02	16.33	96.13	133.38	193.47	-4,370.57	4,873.88	4,762.55	111.33	43.778		
3,000.00	2,873.09	2,903.91	2,896.09	16.95	99.68	133.66	193.47	-4,370.57	4,897.98	4,782.55	115.43	42.431		
3,100.00	2,967.16	3,009.84	2,990.16	17.57	103.38	133.93	193.47	-4,370.57	4,922.20	4,802.52	119.68	41.129		
3,200.00	3,061.23	3,084.23	3,084.23	18.20	105.98	134.21	193.47	-4,370.57	4,946.53	4,823.71	122.82	40.274		
3,300.00	3,155.30	3,178.30	3,178.30	18.82	109.26	134.48	193.47	-4,370.57	4,970.97	4,844.32	126.65	39.250		
3,400.00	3,249.37	3,272.37	3,272.37	19.45	112.54	134.75	193.47	-4,370.57	4,995.52	4,865.04	130.48	38.286		
3,500.00	3,343.44	3,366.44	3,366.44	20.07	115.82	135.02	193.47	-4,370.57	5,020.18	4,885.87	134.31	37.378		
3,600.00	3,437.51	3,460.51	3,460.51	20.70	119.11	135.28	193.47	-4,370.57	5,044.95	4,906.81	138.14	36.521		
3,700.00	3,531.58	3,554.58	3,554.58	21.33	122.39	135.54	193.47	-4,370.57	5,069.82	4,927.86	141.97	35.712		
3,800.00	3,625.65	3,648.65	3,648.65	21.96	125.67	135.80	193.47	-4,370.57	5,094.80	4,949.01	145.79	34.945		
3,900.00	3,719.72	3,742.72	3,742.72	22.59	128.95	136.06	193.47	-4,370.57	5,119.88	4,970.26	149.62	34.219		
4,000.00	3,813.79	3,836.79	3,836.79	23.22	132.24	136.31	193.47	-4,370.57	5,145.07	4,991.62	153.45	33.529		
4,100.00	3,907.86	3,930.86	3,930.86	23.85	135.52	136.57	193.47	-4,370.57	5,170.35	5,013.07	157.28	32.874		
4,200.00	4,001.93	4,024.93	4,024.93	24.48	138.80	136.82	193.47	-4,370.57	5,195.73	5,034.63	161.10	32.251		
4,300.00	4,096.00	4,119.00	4,119.00	25.11	142.09	137.06	193.47	-4,370.57	5,221.21	5,056.28	164.93	31.658		
4,400.00	4,190.07	4,213.07	4,213.07	25.75	145.37	137.31	193.47	-4,370.57	5,246.78	5,078.03	168.75	31.091		
4,500.00	4,284.14	4,307.14	4,307.14	26.38	148.65	137.55	193.47	-4,370.57	5,272.45	5,099.87	172.58	30.551		
4,600.00	4,378.21	4,401.21	4,401.21	27.01	151.94	137.79	193.47	-4,370.57	5,298.21	5,121.81	176.40	30.035		
4,700.00	4,472.28	4,504.72	4,495.28	27.65	155.55	138.03	193.47	-4,370.57	5,324.07	5,143.51	180.55	29.487		
4,800.00	4,566.35	4,589.35	4,589.35	28.28	158.50	138.27	193.47	-4,370.57	5,350.01	5,165.96	184.05	29.069		
4,900.00	4,660.42	4,683.42	4,683.42	28.91	161.79	138.50	193.47	-4,370.57	5,376.04	5,188.17	187.87	28.616		
5,000.00	4,754.49	4,777.49	4,777.49	29.55	165.07	138.74	193.47	-4,370.57	5,402.16	5,210.47	191.69	28.182		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,871.56	4,871.56	30.18	168.35	138.97	193.47	-4,370.57	5,428.37	5,232.85	195.51	27.765		
5,200.00	4,942.63	4,965.63	4,965.63	30.82	171.64	139.20	193.47	-4,370.57	5,454.66	5,255.32	199.33	27.365		
5,300.00	5,036.70	5,059.70	5,059.70	31.45	174.92	139.42	193.47	-4,370.57	5,481.03	5,277.88	203.15	26.980		
5,400.00	5,130.77	5,153.77	5,153.77	32.09	178.20	139.65	193.47	-4,370.57	5,507.49	5,300.52	206.97	26.610		
5,500.00	5,224.84	5,247.84	5,247.84	32.72	181.49	139.87	193.47	-4,370.57	5,534.03	5,323.24	210.79	26.254		
5,600.00	5,318.91	5,341.91	5,341.91	33.36	184.77	140.09	193.47	-4,370.57	5,560.65	5,346.04	214.61	25.911		
5,700.00	5,412.98	5,435.98	5,435.98	33.99	188.05	140.30	193.47	-4,370.57	5,587.34	5,368.92	218.43	25.580		
5,800.00	5,507.06	5,530.06	5,530.06	34.63	191.34	140.52	193.47	-4,370.57	5,614.12	5,391.88	222.24	25.261		
5,900.00	5,601.13	5,624.13	5,624.13	35.26	194.62	140.73	193.47	-4,370.57	5,640.97	5,414.91	226.06	24.954		
6,000.00	5,695.20	5,718.20	5,718.20	35.90	197.90	140.95	193.47	-4,370.57	5,667.90	5,438.03	229.87	24.657		
6,100.00	5,789.27	5,812.27	5,812.27	36.54	201.19	141.16	193.47	-4,370.57	5,694.91	5,461.22	233.69	24.370		
6,200.00	5,883.34	5,906.34	5,906.34	37.17	204.47	141.37	193.47	-4,370.57	5,721.98	5,484.48	237.50	24.092		
6,300.00	5,977.41	6,000.41	6,000.41	37.81	207.75	141.57	193.47	-4,370.57	5,749.13	5,507.82	241.32	23.824		
6,400.00	6,071.48	6,105.52	6,105.52	38.44	211.42	141.78	193.47	-4,370.57	5,776.35	5,530.84	245.52	23.527		
6,500.00	6,165.55	6,188.55	6,188.55	39.08	214.32	141.98	193.47	-4,370.57	5,803.65	5,554.70	248.94	23.313		
6,600.00	6,259.62	6,282.62	6,282.62	39.72	217.61	142.18	193.47	-4,370.57	5,831.01	5,578.25	252.76	23.070		
6,677.33	6,332.36	6,355.36	6,355.36	40.21	220.14	142.33	193.47	-4,370.57	5,852.21	5,596.51	255.70	22.887		
6,700.00	6,353.76	6,376.76	6,376.76	40.35	220.89	137.25	193.47	-4,370.57	5,858.07	5,601.50	256.57	22.832		
6,750.00	6,401.37	6,424.37	6,424.37	40.64	222.55	124.18	193.47	-4,370.57	5,868.35	5,609.87	258.48	22.703		
6,800.00	6,449.30	6,472.30	6,472.30	40.89	224.23	109.20	193.47	-4,370.57	5,874.98	5,614.58	260.39	22.562		
6,850.00	6,497.25	6,520.25	6,520.25	41.11	225.90	94.11	193.47	-4,370.57	5,877.91	5,615.63	262.28	22.411		
6,900.00	6,544.95	6,567.95	6,567.95	41.29	227.57	80.90	193.47	-4,370.57	5,877.14	5,613.01	264.13	22.251		
6,950.00	6,592.08	6,615.08	6,615.08	41.45	229.21	70.45	193.47	-4,370.57	5,872.68	5,606.75	265.93	22.084		
7,000.00	6,638.35	6,661.35	6,661.35	41.58	230.83	62.64	193.47	-4,370.57	5,864.57	5,596.90	267.66	21.910		
7,050.00	6,683.50	6,706.50	6,706.50	41.70	232.40	56.97	193.47	-4,370.57	5,852.86	5,583.54	269.33	21.731		
7,100.00	6,727.22	6,750.22	6,750.22	41.81	233.93	52.91	193.47	-4,370.57	5,837.64	5,566.73	270.91	21.548		
7,150.00	6,769.26	6,807.74	6,792.26	41.92	235.94	50.08	193.47	-4,370.57	5,819.01	5,546.06	272.95	21.319		
7,200.00	6,809.36	6,832.36	6,832.36	42.03	236.80	48.22	193.47	-4,370.57	5,797.09	5,523.27	273.82	21.171		
7,250.00	6,847.27	6,870.27	6,870.27	42.15	238.12	47.16	193.47	-4,370.57	5,772.02	5,496.89	275.13	20.979		
7,300.00	6,882.75	6,905.75	6,905.75	42.27	239.36	46.78	193.47	-4,370.57	5,743.96	5,467.62	276.34	20.786		
7,350.00	6,915.58	6,938.58	6,938.58	42.41	240.50	47.05	193.47	-4,370.57	5,713.09	5,435.65	277.45	20.592		
7,400.00	6,945.57	6,968.57	6,968.57	42.57	241.55	47.94	193.47	-4,370.57	5,679.61	5,401.16	278.45	20.397		
7,450.00	6,972.53	7,004.47	6,995.53	42.75	242.80	49.50	193.47	-4,370.57	5,643.71	5,364.06	279.65	20.181		
7,500.00	6,996.30	7,019.30	7,019.30	42.95	243.32	51.78	193.47	-4,370.57	5,605.63	5,325.50	280.13	20.011		
7,550.00	7,016.72	7,039.72	7,039.72	43.17	244.03	54.91	193.47	-4,370.57	5,565.59	5,284.80	280.80	19.821		
7,600.00	7,033.66	7,056.66	7,056.66	43.43	244.63	59.03	193.47	-4,370.57	5,523.85	5,242.49	281.36	19.633		
7,650.00	7,047.04	7,070.04	7,070.04	43.72	245.09	64.33	193.47	-4,370.57	5,480.65	5,198.85	281.81	19.448		
7,700.00	7,056.76	7,079.76	7,079.76	44.05	245.43	71.03	193.47	-4,370.57	5,436.26	5,154.12	282.14	19.268		
7,750.00	7,062.76	7,085.76	7,085.76	44.41	245.64	79.26	193.47	-4,370.57	5,390.95	5,108.58	282.37	19.092		
7,799.36	7,065.00	7,088.00	7,088.00	44.81	245.72	88.86	193.47	-4,370.57	5,345.58	5,063.10	282.48	18.924		
7,900.00	7,065.83	7,088.83	7,088.83	45.73	245.75	88.88	193.47	-4,370.57	5,252.73	4,970.11	282.62	18.586		
8,000.00	7,066.66	7,089.66	7,089.66	46.83	245.78	88.90	193.47	-4,370.57	5,160.77	4,877.96	282.81	18.248		
8,100.00	7,067.49	7,109.51	7,090.49	48.11	246.47	88.93	193.47	-4,370.57	5,069.11	4,785.40	283.71	17.867		
8,200.00	7,068.31	7,108.69	7,091.31	49.55	246.44	88.95	193.47	-4,370.57	4,977.77	4,693.82	283.95	17.530		
8,300.00	7,069.14	7,107.86	7,092.14	51.14	246.41	88.97	193.47	-4,370.57	4,886.77	4,602.52	284.25	17.192		
8,400.00	7,069.96	7,107.04	7,092.96	52.86	246.38	89.00	193.47	-4,370.57	4,796.13	4,511.51	284.62	16.851		
8,500.00	7,070.79	7,106.21	7,093.79	54.70	246.35	89.02	193.47	-4,370.57	4,705.87	4,420.80	285.06	16.508		
8,600.00	7,071.61	7,105.39	7,094.61	56.64	246.33	89.04	193.47	-4,370.57	4,616.01	4,330.42	285.59	16.163		
8,700.00	7,072.44	7,104.56	7,095.44	58.68	246.30	89.07	193.47	-4,370.57	4,526.57	4,240.38	286.19	15.817		
8,800.00	7,073.27	7,103.73	7,096.27	60.78	246.27	89.09	193.47	-4,370.57	4,437.59	4,150.71	286.88	15.468		
8,900.00	7,074.09	7,102.91	7,097.09	62.96	246.24	89.11	193.47	-4,370.57	4,349.08	4,061.42	287.66	15.119		
9,000.00	7,074.92	7,102.08	7,097.92	65.19	246.21	89.13	193.47	-4,370.57	4,261.08	3,972.54	288.55	14.767		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,101.26	7,098.74	67.48	246.18	89.16	193.47	-4,370.57	4,173.63	3,884.09	289.53	14.415		
9,200.00	7,076.57	7,100.43	7,099.57	69.82	246.15	89.18	193.47	-4,370.57	4,086.74	3,796.11	290.63	14.062		
9,300.00	7,077.40	7,100.40	7,100.40	72.19	246.15	89.20	193.47	-4,370.57	4,000.47	3,708.61	291.87	13.707		
9,400.00	7,078.22	7,101.22	7,101.22	74.61	246.18	89.23	193.47	-4,370.57	3,914.86	3,621.61	293.25	13.350		
9,500.00	7,079.05	7,102.05	7,102.05	77.05	246.21	89.25	193.47	-4,370.57	3,829.94	3,535.18	294.76	12.993		
9,600.00	7,079.87	7,102.87	7,102.87	79.53	246.24	89.27	193.47	-4,370.57	3,745.76	3,449.36	296.40	12.638		
9,700.00	7,080.70	7,103.70	7,103.70	82.03	246.27	89.30	193.47	-4,370.57	3,662.38	3,364.21	298.17	12.283		
9,800.00	7,081.53	7,104.53	7,104.53	84.55	246.30	89.32	193.47	-4,370.57	3,579.85	3,279.77	300.08	11.930		
9,900.00	7,082.35	7,105.35	7,105.35	87.10	246.32	89.34	193.47	-4,370.57	3,498.24	3,196.10	302.14	11.578		
10,000.00	7,083.18	7,106.18	7,106.18	89.67	246.35	89.37	193.47	-4,370.57	3,417.60	3,113.26	304.34	11.230		
10,100.00	7,084.00	7,107.00	7,107.00	92.25	246.38	89.39	193.47	-4,370.57	3,338.01	3,031.31	306.70	10.884		
10,200.00	7,084.83	7,107.83	7,107.83	94.86	246.41	89.41	193.47	-4,370.57	3,259.54	2,950.33	309.21	10.542		
10,300.00	7,085.65	7,108.65	7,108.65	97.47	246.44	89.44	193.47	-4,370.57	3,182.28	2,870.40	311.88	10.204		
10,400.00	7,086.48	7,109.48	7,109.48	100.10	246.47	89.46	193.47	-4,370.57	3,106.32	2,791.60	314.72	9.870		
10,500.00	7,087.31	7,110.31	7,110.31	102.75	246.50	89.48	193.47	-4,370.57	3,031.75	2,714.03	317.72	9.542		
10,600.00	7,088.13	7,111.13	7,111.13	105.40	246.53	89.51	193.47	-4,370.57	2,958.68	2,637.79	320.90	9.220		
10,700.00	7,088.96	7,111.96	7,111.96	108.07	246.56	89.53	193.47	-4,370.57	2,887.23	2,562.99	324.24	8.905		
10,800.00	7,089.78	7,112.78	7,112.78	110.75	246.58	89.55	193.47	-4,370.57	2,817.52	2,489.76	327.76	8.596		
10,900.00	7,090.61	7,113.61	7,113.61	113.43	246.61	89.57	193.47	-4,370.57	2,749.67	2,418.22	331.45	8.296		
11,000.00	7,091.44	7,114.44	7,114.44	116.13	246.64	89.60	193.47	-4,370.57	2,683.84	2,348.53	335.31	8.004		
11,100.00	7,092.26	7,115.26	7,115.26	118.83	246.67	89.62	193.47	-4,370.57	2,620.17	2,280.83	339.34	7.721		
11,200.00	7,093.09	7,116.09	7,116.09	121.54	246.70	89.64	193.47	-4,370.57	2,558.82	2,215.30	343.52	7.449		
11,300.00	7,093.91	7,116.91	7,116.91	124.25	246.73	89.67	193.47	-4,370.57	2,499.97	2,152.12	347.85	7.187		
11,400.00	7,094.74	7,117.74	7,117.74	126.98	246.76	89.69	193.47	-4,370.57	2,443.80	2,091.48	352.32	6.936		
11,500.00	7,095.57	7,118.57	7,118.57	129.70	246.79	89.71	193.47	-4,370.57	2,390.49	2,033.59	356.91	6.698		
11,600.00	7,096.39	7,119.39	7,119.39	132.44	246.81	89.74	193.47	-4,370.57	2,340.24	1,978.65	361.59	6.472		
11,700.00	7,097.22	7,120.22	7,120.22	135.18	246.84	89.76	193.47	-4,370.57	2,293.26	1,926.91	366.35	6.260		
11,800.00	7,098.04	7,121.04	7,121.04	137.92	246.87	89.78	193.47	-4,370.57	2,249.74	1,878.59	371.15	6.062		
11,900.00	7,098.87	7,121.87	7,121.87	140.67	246.90	89.81	193.47	-4,370.57	2,209.89	1,833.92	375.96	5.878		
12,000.00	7,099.69	7,122.69	7,122.69	143.43	246.93	89.83	193.47	-4,370.57	2,173.91	1,793.16	380.74	5.710		
12,100.00	7,100.52	7,123.52	7,123.52	146.19	246.96	89.85	193.47	-4,370.57	2,142.00	1,756.54	385.46	5.557		
12,200.00	7,101.35	7,124.35	7,124.35	148.95	246.99	89.88	193.47	-4,370.57	2,114.34	1,724.28	390.06	5.421		
12,300.00	7,102.17	7,125.17	7,125.17	151.71	247.02	89.90	193.47	-4,370.57	2,091.10	1,696.61	394.49	5.301		
12,400.00	7,103.00	7,126.00	7,126.00	154.48	247.05	89.92	193.47	-4,370.57	2,072.44	1,673.71	398.73	5.198		
12,500.00	7,103.82	7,126.82	7,126.82	157.26	247.07	89.94	193.47	-4,370.57	2,058.46	1,655.76	402.71	5.112		
12,600.00	7,104.65	7,127.65	7,127.65	160.03	247.10	89.97	193.47	-4,370.57	2,049.28	1,642.88	406.39	5.043		
12,700.00	7,105.48	7,128.48	7,128.48	162.81	247.13	89.99	193.47	-4,370.57	2,044.95	1,635.20	409.75	4.991		
12,738.64	7,105.80	7,128.80	7,128.80	163.89	247.14	90.00	193.47	-4,370.57	2,044.58	1,633.63	410.96	4.975 CC		
12,800.00	7,106.30	7,129.30	7,129.30	165.59	247.16	90.01	193.47	-4,370.57	2,045.50	1,632.75	412.75	4.956 ES		
12,900.00	7,107.13	7,130.13	7,130.13	168.38	247.19	90.04	193.47	-4,370.57	2,050.94	1,635.57	415.37	4.938		
13,000.00	7,107.95	7,130.95	7,130.95	171.16	247.22	90.06	193.47	-4,370.57	2,061.22	1,643.62	417.60	4.936 SF		
13,100.00	7,108.78	7,131.78	7,131.78	173.95	247.25	90.08	193.47	-4,370.57	2,076.27	1,656.84	419.43	4.950		
13,200.00	7,109.61	7,132.61	7,132.61	176.74	247.28	90.11	193.47	-4,370.57	2,095.98	1,675.12	420.87	4.980		
13,300.00	7,110.43	7,133.43	7,133.43	179.54	247.30	90.13	193.47	-4,370.57	2,120.24	1,698.32	421.92	5.025		
13,368.87	7,111.00	7,134.00	7,134.00	181.46	247.32	90.15	193.47	-4,370.57	2,139.50	1,717.07	422.43	5.065		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	32.00	32.00	3.28	3.33	-92.13	-334.62	-8,976.87	8,983.11					
100.00	100.00	132.00	132.00	3.28	4.35	-92.13	-334.62	-8,976.87	8,983.11	8,975.47	7.64	1,176.077		
200.00	200.00	232.00	232.00	3.34	7.15	-92.13	-334.62	-8,976.87	8,983.11	8,972.62	10.49	856.567		
300.00	299.98	331.98	331.98	3.44	10.38	123.51	-334.62	-8,976.87	8,984.07	8,970.26	13.82	650.263		
400.00	399.84	431.84	431.84	3.59	13.73	123.49	-334.62	-8,976.87	8,986.96	8,969.65	17.32	518.916		
500.00	499.45	531.45	531.45	3.79	17.12	123.45	-334.62	-8,976.87	8,991.78	8,970.87	20.92	429.910		
600.00	598.70	630.70	630.70	4.04	20.54	123.41	-334.62	-8,976.87	8,998.53	8,973.96	24.57	366.226		
700.00	697.47	729.47	729.47	4.32	23.95	123.34	-334.62	-8,976.87	9,007.21	8,978.95	28.27	318.665		
800.00	795.62	827.62	827.62	4.65	27.34	123.26	-334.62	-8,976.87	9,017.83	8,985.84	31.99	281.931		
900.00	893.06	925.06	925.06	5.01	30.72	123.17	-334.62	-8,976.87	9,030.37	8,994.65	35.72	252.790		
1,000.00	989.64	1,021.64	1,021.64	5.41	34.08	123.06	-334.62	-8,976.87	9,044.86	9,005.39	39.47	229.165		
1,100.00	1,085.27	1,117.27	1,117.27	5.85	37.40	122.93	-334.62	-8,976.87	9,061.28	9,018.07	43.22	209.666		
1,191.50	1,171.82	1,203.82	1,203.82	6.29	40.41	122.80	-334.62	-8,976.87	9,078.01	9,031.36	46.65	194.612		
1,200.00	1,179.82	1,211.82	1,211.82	6.34	40.69	122.81	-334.62	-8,976.87	9,079.64	9,032.67	46.97	193.321		
1,300.00	1,273.89	1,305.89	1,305.89	6.85	43.97	122.98	-334.62	-8,976.87	9,098.86	9,048.14	50.72	179.392		
1,400.00	1,367.96	1,400.04	1,399.96	7.38	47.24	123.15	-334.62	-8,976.87	9,118.17	9,063.67	54.50	167.317		
1,500.00	1,462.03	1,505.97	1,494.03	7.93	50.93	123.32	-334.62	-8,976.87	9,137.56	9,078.86	58.70	155.671		
1,600.00	1,556.10	1,588.10	1,588.10	8.49	53.80	123.49	-334.62	-8,976.87	9,157.03	9,094.95	62.08	147.498		
1,700.00	1,650.17	1,682.17	1,682.17	9.06	57.07	123.66	-334.62	-8,976.87	9,176.59	9,110.70	65.89	139.265		
1,800.00	1,744.24	1,776.24	1,776.24	9.65	60.35	123.83	-334.62	-8,976.87	9,196.24	9,126.52	69.71	131.918		
1,900.00	1,838.31	1,870.31	1,870.31	10.23	63.63	124.00	-334.62	-8,976.87	9,215.96	9,142.43	73.54	125.324		
2,000.00	1,932.38	1,964.38	1,964.38	10.83	66.91	124.17	-334.62	-8,976.87	9,235.77	9,158.40	77.37	119.375		
2,100.00	2,026.45	2,058.45	2,058.45	11.43	70.19	124.33	-334.62	-8,976.87	9,255.66	9,174.46	81.20	113.982		
2,200.00	2,120.52	2,152.52	2,152.52	12.03	73.47	124.50	-334.62	-8,976.87	9,275.63	9,190.59	85.04	109.072		
2,300.00	2,214.59	2,246.59	2,246.59	12.63	76.75	124.67	-334.62	-8,976.87	9,295.69	9,206.80	88.88	104.582		
2,400.00	2,308.66	2,340.66	2,340.66	13.24	80.03	124.83	-334.62	-8,976.87	9,315.82	9,223.09	92.73	100.463		
2,500.00	2,402.73	2,434.73	2,434.73	13.86	83.32	125.00	-334.62	-8,976.87	9,336.03	9,239.46	96.58	96.671		
2,600.00	2,496.80	2,528.80	2,528.80	14.47	86.60	125.16	-334.62	-8,976.87	9,356.33	9,255.90	100.42	93.168		
2,700.00	2,590.87	2,622.87	2,622.87	15.09	89.88	125.32	-334.62	-8,976.87	9,376.70	9,272.42	104.27	89.923		
2,800.00	2,684.95	2,716.95	2,716.95	15.71	93.16	125.48	-334.62	-8,976.87	9,397.15	9,289.02	108.13	86.909		
2,900.00	2,779.02	2,811.02	2,811.02	16.33	96.44	125.65	-334.62	-8,976.87	9,417.68	9,305.70	111.98	84.102		
3,000.00	2,873.09	2,905.09	2,905.09	16.95	99.73	125.81	-334.62	-8,976.87	9,438.28	9,322.45	115.83	81.482		
3,100.00	2,967.16	3,000.84	2,999.16	17.57	103.07	125.97	-334.62	-8,976.87	9,458.96	9,339.21	119.75	78.992		
3,200.00	3,061.23	3,106.77	3,093.23	18.20	106.76	126.13	-334.62	-8,976.87	9,479.72	9,355.70	124.02	76.440		
3,300.00	3,155.30	3,187.30	3,187.30	18.82	109.57	126.29	-334.62	-8,976.87	9,500.55	9,373.15	127.40	74.574		
3,400.00	3,249.37	3,281.37	3,281.37	19.45	112.85	126.44	-334.62	-8,976.87	9,521.46	9,390.21	131.25	72.543		
3,500.00	3,343.44	3,375.44	3,375.44	20.07	116.14	126.60	-334.62	-8,976.87	9,542.44	9,407.34	135.11	70.627		
3,600.00	3,437.51	3,469.51	3,469.51	20.70	119.42	126.76	-334.62	-8,976.87	9,563.50	9,424.54	138.97	68.819		
3,700.00	3,531.58	3,563.58	3,563.58	21.33	122.70	126.91	-334.62	-8,976.87	9,584.63	9,441.81	142.82	67.109		
3,800.00	3,625.65	3,657.65	3,657.65	21.96	125.99	127.07	-334.62	-8,976.87	9,605.84	9,459.16	146.68	65.489		
3,900.00	3,719.72	3,751.72	3,751.72	22.59	129.27	127.23	-334.62	-8,976.87	9,627.12	9,476.58	150.53	63.953		
4,000.00	3,813.79	3,845.79	3,845.79	23.22	132.55	127.38	-334.62	-8,976.87	9,648.47	9,494.08	154.39	62.494		
4,100.00	3,907.86	3,939.86	3,939.86	23.85	135.83	127.53	-334.62	-8,976.87	9,669.89	9,511.64	158.25	61.106		
4,200.00	4,001.93	4,033.93	4,033.93	24.48	139.12	127.69	-334.62	-8,976.87	9,691.38	9,529.28	162.10	59.785		
4,300.00	4,096.00	4,128.00	4,128.00	25.11	142.40	127.84	-334.62	-8,976.87	9,712.95	9,546.99	165.96	58.526		
4,400.00	4,190.07	4,222.07	4,222.07	25.75	145.68	127.99	-334.62	-8,976.87	9,734.58	9,564.77	169.81	57.325		
4,500.00	4,284.14	4,316.14	4,316.14	26.38	148.97	128.14	-334.62	-8,976.87	9,756.29	9,582.62	173.67	56.177		
4,600.00	4,378.21	4,410.21	4,410.21	27.01	152.25	128.29	-334.62	-8,976.87	9,778.06	9,600.54	177.52	55.080		
4,700.00	4,472.28	4,504.28	4,504.28	27.65	155.53	128.44	-334.62	-8,976.87	9,799.90	9,618.52	181.38	54.030		
4,800.00	4,566.35	4,601.65	4,598.35	28.28	158.93	128.59	-334.62	-8,976.87	9,821.82	9,636.47	185.35	52.991		
4,900.00	4,660.42	4,707.58	4,692.42	28.91	162.63	128.74	-334.62	-8,976.87	9,843.80	9,654.18	189.62	51.914		
5,000.00	4,754.49	4,786.49	4,786.49	29.55	165.38	128.89	-334.62	-8,976.87	9,865.84	9,672.90	192.94	51.134		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,880.56	4,880.56	30.18	168.67	129.04	-334.62	-8,976.87	9,887.96	9,691.16	196.80	50.245		
5,200.00	4,942.63	4,974.63	4,974.63	30.82	171.95	129.18	-334.62	-8,976.87	9,910.14	9,709.49	200.65	49.391		
5,300.00	5,036.70	5,068.70	5,068.70	31.45	175.23	129.33	-334.62	-8,976.87	9,932.39	9,727.89	204.50	48.569		
5,400.00	5,130.77	5,162.77	5,162.77	32.09	178.52	129.48	-334.62	-8,976.87	9,954.70	9,746.35	208.35	47.778		
5,500.00	5,224.84	5,256.84	5,256.84	32.72	181.80	129.62	-334.62	-8,976.87	9,977.08	9,764.88	212.21	47.016		
5,600.00	5,318.91	5,350.91	5,350.91	33.36	185.08	129.77	-334.62	-8,976.87	9,999.53	9,783.47	216.06	46.282		
7,450.00	6,972.53	7,004.53	7,004.53	42.75	242.81	33.08	-334.62	-8,976.87	9,986.02	9,704.73	281.29	35.501		
7,500.00	6,996.30	7,028.30	7,028.30	42.95	243.63	34.23	-334.62	-8,976.87	9,944.08	9,662.01	282.07	35.253		
7,550.00	7,016.72	7,048.72	7,048.72	43.17	244.35	36.19	-334.62	-8,976.87	9,900.23	9,617.48	282.74	35.015		
7,600.00	7,033.66	7,065.66	7,065.66	43.43	244.94	39.28	-334.62	-8,976.87	9,854.72	9,571.43	283.29	34.787		
7,650.00	7,047.04	7,079.04	7,079.04	43.72	245.41	44.15	-334.62	-8,976.87	9,807.85	9,524.13	283.72	34.569		
7,700.00	7,056.76	7,088.76	7,088.76	44.05	245.75	52.03	-334.62	-8,976.87	9,759.89	9,475.86	284.02	34.363		
7,750.00	7,062.76	7,105.24	7,105.24	44.41	246.32	65.29	-334.62	-8,976.87	9,711.14	9,426.56	284.58	34.125		
7,799.36	7,065.00	7,103.00	7,103.00	44.81	246.24	87.01	-334.62	-8,976.87	9,662.53	9,378.05	284.48	33.965		
7,900.00	7,065.83	7,102.17	7,102.17	45.73	246.21	87.04	-334.62	-8,976.87	9,563.14	9,278.69	284.44	33.621		
8,000.00	7,066.66	7,101.34	7,101.34	46.83	246.18	87.07	-334.62	-8,976.87	9,464.40	9,180.00	284.40	33.278		
8,100.00	7,067.49	7,100.51	7,100.51	48.11	246.16	87.10	-334.62	-8,976.87	9,365.69	9,081.32	284.38	32.934		
8,200.00	7,068.31	7,100.31	7,100.31	49.55	246.15	87.13	-334.62	-8,976.87	9,267.01	8,982.64	284.38	32.587		
8,300.00	7,069.14	7,101.14	7,101.14	51.14	246.18	87.16	-334.62	-8,976.87	9,168.36	8,883.94	284.42	32.235		
8,400.00	7,069.96	7,101.96	7,101.96	52.86	246.21	87.19	-334.62	-8,976.87	9,069.74	8,785.27	284.47	31.883		
8,500.00	7,070.79	7,102.79	7,102.79	54.70	246.24	87.23	-334.62	-8,976.87	8,971.15	8,686.62	284.53	31.529		
8,600.00	7,071.61	7,103.61	7,103.61	56.64	246.26	87.26	-334.62	-8,976.87	8,872.59	8,587.98	284.61	31.175		
8,700.00	7,072.44	7,104.44	7,104.44	58.68	246.29	87.29	-334.62	-8,976.87	8,774.06	8,489.37	284.69	30.820		
8,800.00	7,073.27	7,105.27	7,105.27	60.78	246.32	87.32	-334.62	-8,976.87	8,675.57	8,390.79	284.78	30.464		
8,900.00	7,074.09	7,106.09	7,106.09	62.96	246.35	87.35	-334.62	-8,976.87	8,577.11	8,292.23	284.88	30.107		
9,000.00	7,074.92	7,106.92	7,106.92	65.19	246.38	87.38	-334.62	-8,976.87	8,478.69	8,193.69	285.00	29.750		
9,100.00	7,075.74	7,107.74	7,107.74	67.48	246.41	87.41	-334.62	-8,976.87	8,380.30	8,095.17	285.13	29.391		
9,200.00	7,076.57	7,108.57	7,108.57	69.82	246.44	87.44	-334.62	-8,976.87	8,281.95	7,996.68	285.27	29.032		
9,300.00	7,077.40	7,109.40	7,109.40	72.19	246.47	87.48	-334.62	-8,976.87	8,183.65	7,898.22	285.42	28.672		
9,400.00	7,078.22	7,110.22	7,110.22	74.61	246.49	87.51	-334.62	-8,976.87	8,085.38	7,799.79	285.59	28.311		
9,500.00	7,079.05	7,111.05	7,111.05	77.05	246.52	87.54	-334.62	-8,976.87	7,987.16	7,701.38	285.78	27.949		
9,600.00	7,079.87	7,111.87	7,111.87	79.53	246.55	87.57	-334.62	-8,976.87	7,888.98	7,603.00	285.98	27.586		
9,700.00	7,080.70	7,112.70	7,112.70	82.03	246.58	87.60	-334.62	-8,976.87	7,790.85	7,504.65	286.20	27.222		
9,800.00	7,081.53	7,113.53	7,113.53	84.55	246.61	87.63	-334.62	-8,976.87	7,692.76	7,406.33	286.44	26.857		
9,900.00	7,082.35	7,114.35	7,114.35	87.10	246.64	87.66	-334.62	-8,976.87	7,594.73	7,308.04	286.69	26.491		
10,000.00	7,083.18	7,115.18	7,115.18	89.67	246.67	87.70	-334.62	-8,976.87	7,496.75	7,209.78	286.97	26.124		
10,100.00	7,084.00	7,116.00	7,116.00	92.25	246.70	87.73	-334.62	-8,976.87	7,398.82	7,111.55	287.26	25.756		
10,200.00	7,084.83	7,116.83	7,116.83	94.86	246.73	87.76	-334.62	-8,976.87	7,300.95	7,013.36	287.58	25.387		
10,300.00	7,085.65	7,117.65	7,117.65	97.47	246.75	87.79	-334.62	-8,976.87	7,203.13	6,915.21	287.92	25.018		
10,400.00	7,086.48	7,118.48	7,118.48	100.10	246.78	87.82	-334.62	-8,976.87	7,105.38	6,817.09	288.29	24.647		
10,500.00	7,087.31	7,119.31	7,119.31	102.75	246.81	87.85	-334.62	-8,976.87	7,007.69	6,719.01	288.68	24.275		
10,600.00	7,088.13	7,120.13	7,120.13	105.40	246.84	87.88	-334.62	-8,976.87	6,910.06	6,620.97	289.10	23.902		
10,700.00	7,088.96	7,120.96	7,120.96	108.07	246.87	87.91	-334.62	-8,976.87	6,812.51	6,522.96	289.55	23.528		
10,800.00	7,089.78	7,121.78	7,121.78	110.75	246.90	87.95	-334.62	-8,976.87	6,715.03	6,425.00	290.02	23.154		
10,900.00	7,090.61	7,122.61	7,122.61	113.43	246.93	87.98	-334.62	-8,976.87	6,617.62	6,327.09	290.53	22.778		
11,000.00	7,091.44	7,123.44	7,123.44	116.13	246.96	88.01	-334.62	-8,976.87	6,520.29	6,229.22	291.07	22.401		
11,100.00	7,092.26	7,124.26	7,124.26	118.83	246.98	88.04	-334.62	-8,976.87	6,423.04	6,131.40	291.64	22.024		
11,200.00	7,093.09	7,125.09	7,125.09	121.54	247.01	88.07	-334.62	-8,976.87	6,325.88	6,033.63	292.25	21.646		
11,300.00	7,093.91	7,125.91	7,125.91	124.25	247.04	88.10	-334.62	-8,976.87	6,228.80	5,935.91	292.89	21.266		
11,400.00	7,094.74	7,126.74	7,126.74	126.98	247.07	88.13	-334.62	-8,976.87	6,131.83	5,838.25	293.58	20.886		
11,500.00	7,095.57	7,127.57	7,127.57	129.70	247.10	88.17	-334.62	-8,976.87	6,034.95	5,740.64	294.30	20.506		
11,600.00	7,096.39	7,128.39	7,128.39	132.44	247.13	88.20	-334.62	-8,976.87	5,938.17	5,643.10	295.07	20.124		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
11,700.00	7,097.22	7,129.22	7,129.22	135.18	247.16	88.23	-334.62	-8,976.87	5,841.50	5,545.61	295.89	19.742		
11,800.00	7,098.04	7,130.04	7,130.04	137.92	247.19	88.26	-334.62	-8,976.87	5,744.95	5,448.20	296.75	19.360		
11,900.00	7,098.87	7,130.87	7,130.87	140.67	247.22	88.29	-334.62	-8,976.87	5,648.51	5,350.85	297.66	18.976		
12,000.00	7,099.69	7,131.69	7,131.69	143.43	247.24	88.32	-334.62	-8,976.87	5,552.20	5,253.58	298.62	18.593		
12,100.00	7,100.52	7,132.52	7,132.52	146.19	247.27	88.35	-334.62	-8,976.87	5,456.03	5,156.39	299.64	18.209		
12,200.00	7,101.35	7,133.35	7,133.35	148.95	247.30	88.39	-334.62	-8,976.87	5,359.99	5,059.28	300.71	17.824		
12,300.00	7,102.17	7,134.17	7,134.17	151.71	247.33	88.42	-334.62	-8,976.87	5,264.10	4,962.26	301.85	17.440		
12,400.00	7,103.00	7,135.00	7,135.00	154.48	247.36	88.45	-334.62	-8,976.87	5,168.37	4,865.33	303.04	17.055		
12,500.00	7,103.82	7,135.82	7,135.82	157.26	247.39	88.48	-334.62	-8,976.87	5,072.80	4,768.50	304.30	16.670		
12,600.00	7,104.65	7,136.65	7,136.65	160.03	247.42	88.51	-334.62	-8,976.87	4,977.41	4,671.77	305.64	16.285		
12,700.00	7,105.48	7,137.48	7,137.48	162.81	247.45	88.54	-334.62	-8,976.87	4,882.20	4,575.16	307.04	15.901		
12,800.00	7,106.30	7,138.30	7,138.30	165.59	247.47	88.57	-334.62	-8,976.87	4,787.18	4,478.66	308.52	15.517		
12,900.00	7,107.13	7,139.13	7,139.13	168.38	247.50	88.60	-334.62	-8,976.87	4,692.37	4,382.29	310.08	15.133		
13,000.00	7,107.95	7,139.95	7,139.95	171.16	247.53	88.64	-334.62	-8,976.87	4,597.79	4,286.06	311.73	14.749		
13,100.00	7,108.78	7,140.78	7,140.78	173.95	247.56	88.67	-334.62	-8,976.87	4,503.43	4,189.97	313.46	14.367		
13,200.00	7,109.61	7,141.61	7,141.61	176.74	247.59	88.70	-334.62	-8,976.87	4,409.33	4,094.03	315.29	13.985		
13,300.00	7,110.43	7,142.43	7,142.43	179.54	247.62	88.73	-334.62	-8,976.87	4,315.48	3,998.26	317.22	13.604		
13,368.87	7,111.00	7,143.00	7,143.00	181.46	247.64	88.75	-334.62	-8,976.87	4,251.02	3,932.41	318.61	13.342 CC, ES, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	13.00	13.00	3.28	3.29	-96.59	-1,120.52	-9,701.09	9,765.58					
100.00	100.00	113.00	113.00	3.28	3.95	-96.59	-1,120.52	-9,701.09	9,765.58	9,758.35	7.23	1,349.993		
200.00	200.00	213.00	213.00	3.34	6.57	-96.59	-1,120.52	-9,701.09	9,765.58	9,755.68	9.91	985.924		
300.00	299.98	312.98	312.98	3.44	9.75	119.06	-1,120.52	-9,701.09	9,766.43	9,753.24	13.19	740.498		
400.00	399.84	412.84	412.84	3.59	13.08	119.04	-1,120.52	-9,701.09	9,768.98	9,752.30	16.68	585.832		
500.00	499.45	512.45	512.45	3.79	16.47	119.01	-1,120.52	-9,701.09	9,773.22	9,752.95	20.26	482.281		
600.00	598.70	611.70	611.70	4.04	19.88	118.97	-1,120.52	-9,701.09	9,779.16	9,755.24	23.92	408.894		
700.00	697.47	710.47	710.47	4.32	23.29	118.91	-1,120.52	-9,701.09	9,786.80	9,759.19	27.61	354.482		
800.00	795.62	808.62	808.62	4.65	26.69	118.84	-1,120.52	-9,701.09	9,796.15	9,764.82	31.33	312.689		
900.00	893.06	906.06	906.06	5.01	30.06	118.76	-1,120.52	-9,701.09	9,807.20	9,772.13	35.07	279.675		
1,000.00	989.64	1,002.64	1,002.64	5.41	33.42	118.66	-1,120.52	-9,701.09	9,819.97	9,781.15	38.81	252.997		
1,100.00	1,085.27	1,101.73	1,098.27	5.85	36.86	118.55	-1,120.52	-9,701.09	9,834.46	9,791.77	42.69	230.381		
1,191.50	1,171.82	1,184.82	1,184.82	6.29	39.75	118.43	-1,120.52	-9,701.09	9,849.22	9,803.22	46.00	214.108		
1,200.00	1,179.82	1,207.18	1,192.82	6.34	40.53	118.45	-1,120.52	-9,701.09	9,850.66	9,803.84	46.82	210.391		
1,300.00	1,273.89	1,286.89	1,286.89	6.85	43.30	118.61	-1,120.52	-9,701.09	9,867.63	9,817.55	50.08	197.027		
1,400.00	1,367.96	1,380.96	1,380.96	7.38	46.58	118.78	-1,120.52	-9,701.09	9,884.69	9,830.83	53.86	183.512		
1,500.00	1,462.03	1,475.03	1,475.03	7.93	49.86	118.94	-1,120.52	-9,701.09	9,901.84	9,844.18	57.66	171.726		
1,600.00	1,556.10	1,569.10	1,569.10	8.49	53.13	119.11	-1,120.52	-9,701.09	9,919.08	9,857.61	61.47	161.364		
1,700.00	1,650.17	1,663.17	1,663.17	9.06	56.41	119.27	-1,120.52	-9,701.09	9,936.40	9,871.11	65.29	152.189		
1,800.00	1,744.24	1,757.24	1,757.24	9.65	59.69	119.43	-1,120.52	-9,701.09	9,953.80	9,884.69	69.12	144.013		
1,900.00	1,838.31	1,851.31	1,851.31	10.23	62.97	119.59	-1,120.52	-9,701.09	9,971.29	9,898.34	72.95	136.683		
2,000.00	1,932.38	1,945.38	1,945.38	10.83	66.25	119.76	-1,120.52	-9,701.09	9,988.87	9,912.08	76.79	130.076		
8,100.00	7,067.49	7,080.49	7,080.49	48.11	245.46	83.47	-1,120.52	-9,701.09	9,992.18	9,707.84	284.34	35.141		
8,200.00	7,068.31	7,081.31	7,081.31	49.55	245.49	83.54	-1,120.52	-9,701.09	9,992.44	9,608.08	284.36	34.789		
8,300.00	7,069.14	7,082.14	7,082.14	51.14	245.51	83.60	-1,120.52	-9,701.09	9,992.71	9,508.34	284.38	34.435		
8,400.00	7,069.96	7,082.96	7,082.96	52.86	245.54	83.67	-1,120.52	-9,701.09	9,992.99	9,408.59	284.40	34.082		
8,500.00	7,070.79	7,083.79	7,083.79	54.70	245.57	83.73	-1,120.52	-9,701.09	9,993.27	9,308.85	284.42	33.729		
8,600.00	7,071.61	7,084.61	7,084.61	56.64	245.60	83.80	-1,120.52	-9,701.09	9,993.56	9,209.11	284.45	33.375		
8,700.00	7,072.44	7,085.44	7,085.44	58.68	245.63	83.86	-1,120.52	-9,701.09	9,993.85	9,109.38	284.48	33.021		
8,800.00	7,073.27	7,086.27	7,086.27	60.78	245.66	83.93	-1,120.52	-9,701.09	9,994.16	9,009.64	284.51	32.667		
8,900.00	7,074.09	7,087.09	7,087.09	62.96	245.69	83.99	-1,120.52	-9,701.09	9,994.46	8,909.92	284.54	32.313		
9,000.00	7,074.92	7,087.92	7,087.92	65.19	245.72	84.06	-1,120.52	-9,701.09	9,994.78	8,810.19	284.58	31.958		
9,100.00	7,075.74	7,088.74	7,088.74	67.48	245.74	84.12	-1,120.52	-9,701.09	9,995.10	8,710.48	284.62	31.604		
9,200.00	7,076.57	7,089.57	7,089.57	69.82	245.77	84.19	-1,120.52	-9,701.09	9,995.42	8,610.76	284.66	31.249		
9,300.00	7,077.40	7,090.60	7,090.60	72.19	246.47	84.25	-1,120.52	-9,701.09	9,995.76	8,510.38	285.38	30.821		
9,400.00	7,078.22	7,091.22	7,091.22	74.61	246.44	84.32	-1,120.52	-9,701.09	9,996.10	8,410.73	285.37	30.473		
9,500.00	7,079.05	7,107.95	7,092.05	77.05	246.42	84.38	-1,120.52	-9,701.09	9,996.45	8,311.09	285.36	30.124		
9,600.00	7,079.87	7,107.13	7,092.87	79.53	246.39	84.45	-1,120.52	-9,701.09	9,996.81	8,211.45	285.36	29.775		
9,700.00	7,080.70	7,106.30	7,093.70	82.03	246.36	84.51	-1,120.52	-9,701.09	9,997.18	8,111.81	285.36	29.426		
9,800.00	7,081.53	7,105.47	7,094.53	84.55	246.33	84.58	-1,120.52	-9,701.09	9,997.55	8,012.18	285.37	29.076		
9,900.00	7,082.35	7,104.65	7,095.35	87.10	246.30	84.64	-1,120.52	-9,701.09	9,997.94	7,912.56	285.38	28.726		
10,000.00	7,083.18	7,103.82	7,096.18	89.67	246.27	84.71	-1,120.52	-9,701.09	9,998.33	7,812.93	285.39	28.376		
10,100.00	7,084.00	7,103.00	7,097.00	92.25	246.24	84.77	-1,120.52	-9,701.09	9,998.73	7,713.32	285.41	28.025		
10,200.00	7,084.83	7,102.17	7,097.83	94.86	246.21	84.84	-1,120.52	-9,701.09	9,999.15	7,613.71	285.44	27.674		
10,300.00	7,085.65	7,101.35	7,098.65	97.47	246.18	84.91	-1,120.52	-9,701.09	9,999.57	7,514.11	285.47	27.322		
10,400.00	7,086.48	7,100.52	7,099.48	100.10	246.16	84.97	-1,120.52	-9,701.09	9,999.99	7,414.51	285.50	26.970		
10,500.00	7,087.31	7,100.31	7,100.31	102.75	246.15	85.04	-1,120.52	-9,701.09	9,999.45	7,314.89	285.56	26.616		
10,600.00	7,088.13	7,101.13	7,101.13	105.40	246.18	85.10	-1,120.52	-9,701.09	9,999.91	7,215.25	285.66	26.258		
10,700.00	7,088.96	7,101.96	7,101.96	108.07	246.21	85.17	-1,120.52	-9,701.09	9,999.38	7,115.61	285.77	25.899		
10,800.00	7,089.78	7,102.78	7,102.78	110.75	246.24	85.23	-1,120.52	-9,701.09	9,999.87	7,015.98	285.89	25.541		
10,900.00	7,090.61	7,103.61	7,103.61	113.43	246.26	85.30	-1,120.52	-9,701.09	9,999.36	6,916.35	286.01	25.182		
11,000.00	7,091.44	7,104.44	7,104.44	116.13	246.29	85.36	-1,120.52	-9,701.09	9,999.87	6,816.73	286.14	24.823		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
11,100.00	7,092.26	7,105.26	7,105.26	118.83	246.32	85.43	-1,120.52	-9,701.09	7,003.40	6,717.12	286.28	24.463		
11,200.00	7,093.09	7,106.09	7,106.09	121.54	246.35	85.49	-1,120.52	-9,701.09	6,903.94	6,617.51	286.43	24.104		
11,300.00	7,093.91	7,106.91	7,106.91	124.25	246.38	85.56	-1,120.52	-9,701.09	6,804.49	6,517.91	286.58	23.744		
11,400.00	7,094.74	7,107.74	7,107.74	126.98	246.41	85.62	-1,120.52	-9,701.09	6,705.07	6,418.32	286.75	23.383		
11,500.00	7,095.57	7,108.57	7,108.57	129.70	246.44	85.69	-1,120.52	-9,701.09	6,605.66	6,318.73	286.92	23.022		
11,600.00	7,096.39	7,109.39	7,109.39	132.44	246.47	85.75	-1,120.52	-9,701.09	6,506.26	6,219.16	287.11	22.661		
11,700.00	7,097.22	7,110.22	7,110.22	135.18	246.49	85.82	-1,120.52	-9,701.09	6,406.89	6,119.59	287.30	22.300		
11,800.00	7,098.04	7,111.04	7,111.04	137.92	246.52	85.89	-1,120.52	-9,701.09	6,307.53	6,020.02	287.51	21.938		
11,900.00	7,098.87	7,111.87	7,111.87	140.67	246.55	85.95	-1,120.52	-9,701.09	6,208.20	5,920.47	287.73	21.576		
12,000.00	7,099.69	7,112.69	7,112.69	143.43	246.58	86.02	-1,120.52	-9,701.09	6,108.89	5,820.92	287.97	21.214		
12,100.00	7,100.52	7,113.52	7,113.52	146.19	246.61	86.08	-1,120.52	-9,701.09	6,009.60	5,721.39	288.21	20.851		
12,200.00	7,101.35	7,114.35	7,114.35	148.95	246.64	86.15	-1,120.52	-9,701.09	5,910.34	5,621.86	288.48	20.488		
12,300.00	7,102.17	7,115.17	7,115.17	151.71	246.67	86.21	-1,120.52	-9,701.09	5,811.09	5,522.34	288.76	20.124		
12,400.00	7,103.00	7,116.00	7,116.00	154.48	246.70	86.28	-1,120.52	-9,701.09	5,711.88	5,422.83	289.06	19.761		
12,500.00	7,103.82	7,116.82	7,116.82	157.26	246.73	86.34	-1,120.52	-9,701.09	5,612.69	5,323.32	289.37	19.396		
12,600.00	7,104.65	7,117.65	7,117.65	160.03	246.75	86.41	-1,120.52	-9,701.09	5,513.54	5,223.83	289.71	19.031		
12,700.00	7,105.48	7,118.48	7,118.48	162.81	246.78	86.47	-1,120.52	-9,701.09	5,414.41	5,124.35	290.06	18.666		
12,800.00	7,106.30	7,119.30	7,119.30	165.59	246.81	86.54	-1,120.52	-9,701.09	5,315.32	5,024.88	290.44	18.301		
12,900.00	7,107.13	7,120.13	7,120.13	168.38	246.84	86.61	-1,120.52	-9,701.09	5,216.26	4,925.41	290.85	17.935		
13,000.00	7,107.95	7,120.95	7,120.95	171.16	246.87	86.67	-1,120.52	-9,701.09	5,117.24	4,825.96	291.28	17.568		
13,100.00	7,108.78	7,121.78	7,121.78	173.95	246.90	86.74	-1,120.52	-9,701.09	5,018.25	4,726.52	291.73	17.201		
13,200.00	7,109.61	7,122.61	7,122.61	176.74	246.93	86.80	-1,120.52	-9,701.09	4,919.31	4,627.09	292.22	16.834		
13,300.00	7,110.43	7,123.43	7,123.43	179.54	246.96	86.87	-1,120.52	-9,701.09	4,820.41	4,527.67	292.74	16.466		
13,368.87	7,111.00	7,124.00	7,124.00	181.46	246.98	86.91	-1,120.52	-9,701.09	4,752.33	4,459.21	293.12	16.213 CC, ES, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	23.84	23.84	3.28	3.28	-88.85	195.00	-9,700.57	9,702.53					
100.00	100.00	115.45	115.45	3.28	3.29	-88.85	195.18	-9,700.63	9,702.60	9,696.02	6.58	1,475.309		
200.00	200.00	206.61	206.61	3.34	3.35	-88.85	195.56	-9,700.76	9,702.75	9,696.06	6.68	1,451.439		
300.00	299.98	298.53	298.53	3.44	3.45	126.79	195.96	-9,700.97	9,704.04	9,697.15	6.89	1,408.733		
400.00	399.84	418.23	418.23	3.59	3.64	126.77	196.19	-9,701.18	9,707.35	9,700.12	7.23	1,342.583		
500.00	499.45	521.62	521.62	3.79	3.85	126.73	196.10	-9,701.22	9,712.62	9,704.98	7.64	1,270.914		
600.00	598.70	616.26	616.25	4.04	4.08	126.66	195.99	-9,701.30	9,720.02	9,711.90	8.11	1,198.106		
700.00	697.47	737.00	736.99	4.32	4.40	126.60	196.06	-9,701.28	9,729.41	9,720.68	8.72	1,115.427		
800.00	795.62	849.82	849.82	4.65	4.74	126.52	196.05	-9,701.00	9,740.66	9,731.28	9.38	1,038.644		
900.00	893.06	930.69	930.69	5.01	4.99	126.39	195.82	-9,700.80	9,754.00	9,744.01	9.99	976.478		
1,000.00	989.64	1,000.00	1,000.00	5.41	5.22	126.22	195.61	-9,700.86	9,769.74	9,759.13	10.60	921.260		
1,100.00	1,085.27	1,100.00	1,099.12	5.85	5.56	126.06	195.22	-9,701.00	9,787.61	9,776.25	11.37	861.182		
1,191.50	1,171.82	1,160.86	1,160.85	6.29	5.77	125.86	194.88	-9,701.11	9,805.84	9,793.85	11.99	817.782		
1,200.00	1,179.82	1,165.64	1,165.63	6.34	5.79	125.86	194.86	-9,701.13	9,807.63	9,795.59	12.05	813.977		
1,300.00	1,273.89	1,258.80	1,258.79	6.85	6.12	126.01	194.28	-9,701.65	9,828.87	9,816.02	12.86	764.593		
1,400.00	1,367.96	1,351.77	1,351.76	7.38	6.46	126.16	193.68	-9,701.99	9,850.00	9,836.32	13.69	719.753		
1,500.00	1,462.03	1,424.83	1,424.82	7.93	6.73	126.28	193.36	-9,702.40	9,871.39	9,856.93	14.46	682.672		
1,600.00	1,556.10	1,502.65	1,502.64	8.49	7.02	126.40	192.95	-9,702.98	9,893.02	9,877.76	15.27	647.990		
1,700.00	1,650.17	1,593.15	1,593.13	9.06	7.37	126.55	192.49	-9,703.75	9,914.82	9,898.68	16.14	614.430		
1,800.00	1,744.24	1,692.92	1,692.90	9.65	7.75	126.70	192.15	-9,704.57	9,936.67	9,919.62	17.05	582.647		
1,900.00	1,838.31	1,791.33	1,791.31	10.23	8.14	126.86	191.98	-9,705.33	9,958.55	9,940.57	17.98	553.954		
2,000.00	1,932.38	1,858.86	1,858.83	10.83	8.40	126.97	191.98	-9,705.90	9,980.58	9,961.80	18.78	531.367		
8,400.00	7,069.96	7,043.40	7,043.03	52.86	30.11	86.30	218.69	-9,739.11	9,923.10	9,854.95	68.15	145.601		
8,500.00	7,070.79	7,044.65	7,044.29	54.70	30.12	86.34	218.70	-9,739.12	9,825.31	9,757.08	68.23	144.012		
8,600.00	7,071.61	7,045.91	7,045.54	56.64	30.12	86.37	218.70	-9,739.12	9,727.56	9,659.25	68.31	142.398		
8,700.00	7,072.44	7,047.16	7,046.80	58.68	30.13	86.41	218.71	-9,739.13	9,629.86	9,561.44	68.41	140.757		
8,800.00	7,073.27	7,048.41	7,048.05	60.78	30.13	86.44	218.72	-9,739.13	9,532.20	9,463.67	68.53	139.090		
8,900.00	7,074.09	7,049.67	7,049.30	62.96	30.14	86.47	218.72	-9,739.14	9,434.60	9,365.93	68.67	137.396		
9,000.00	7,074.92	7,050.92	7,050.56	65.19	30.14	86.51	218.73	-9,739.14	9,337.04	9,268.22	68.82	135.676		
9,100.00	7,075.74	7,052.18	7,051.81	67.48	30.15	86.54	218.74	-9,739.15	9,239.54	9,170.55	68.99	133.929		
9,200.00	7,076.57	7,053.43	7,053.07	69.82	30.15	86.58	218.75	-9,739.16	9,142.09	9,072.91	69.18	132.155		
9,300.00	7,077.40	7,054.68	7,054.32	72.19	30.16	86.61	218.75	-9,739.16	9,044.69	8,975.31	69.38	130.355		
9,400.00	7,078.22	7,055.94	7,055.58	74.61	30.16	86.65	218.76	-9,739.17	8,947.36	8,877.74	69.61	128.529		
9,500.00	7,079.05	7,057.19	7,056.83	77.05	30.17	86.68	218.77	-9,739.17	8,850.08	8,780.22	69.86	126.676		
9,600.00	7,079.87	7,058.45	7,058.08	79.53	30.18	86.72	218.77	-9,739.18	8,752.86	8,682.73	70.14	124.798		
9,700.00	7,080.70	7,059.70	7,059.34	82.03	30.18	86.75	218.78	-9,739.18	8,655.71	8,585.28	70.43	122.895		
9,800.00	7,081.53	7,060.96	7,060.59	84.55	30.19	86.79	218.79	-9,739.19	8,558.62	8,487.87	70.75	120.968		
9,900.00	7,082.35	7,062.21	7,061.85	87.10	30.19	86.82	218.79	-9,739.19	8,461.60	8,390.51	71.10	119.017		
10,000.00	7,083.18	7,063.46	7,063.10	89.67	30.20	86.86	218.80	-9,739.20	8,364.65	8,293.18	71.47	117.043		
10,100.00	7,084.00	7,064.72	7,064.35	92.25	30.20	86.89	218.81	-9,739.20	8,267.77	8,195.91	71.86	115.047		
10,200.00	7,084.83	7,065.97	7,065.61	94.86	30.21	86.93	218.81	-9,739.21	8,170.97	8,098.68	72.29	113.031		
10,300.00	7,085.65	7,067.23	7,066.86	97.47	30.21	86.96	218.82	-9,739.21	8,074.24	8,001.50	72.74	110.994		
10,400.00	7,086.48	7,068.48	7,068.12	100.10	30.22	87.00	218.83	-9,739.22	7,977.60	7,904.37	73.23	108.940		
10,500.00	7,087.31	7,069.74	7,069.37	102.75	30.22	87.03	218.84	-9,739.22	7,881.04	7,807.29	73.75	106.868		
10,600.00	7,088.13	7,070.99	7,070.63	105.40	30.23	87.07	218.84	-9,739.23	7,784.56	7,710.27	74.29	104.780		
10,700.00	7,088.96	7,072.24	7,071.88	108.07	30.23	87.10	218.85	-9,739.24	7,688.18	7,613.30	74.88	102.679		
10,800.00	7,089.78	7,073.50	7,073.13	110.75	30.24	87.14	218.86	-9,739.24	7,591.89	7,516.40	75.49	100.565		
10,900.00	7,090.61	7,074.75	7,074.39	113.43	30.24	87.17	218.86	-9,739.25	7,495.69	7,419.55	76.14	98.440		
11,000.00	7,091.44	7,076.01	7,075.64	116.13	30.25	87.21	218.87	-9,739.25	7,399.60	7,322.77	76.83	96.306		
11,100.00	7,092.26	7,077.26	7,076.90	118.83	30.26	87.24	218.88	-9,739.26	7,303.61	7,226.05	77.56	94.166		
11,200.00	7,093.09	7,078.51	7,078.15	121.54	30.26	87.28	218.88	-9,739.26	7,207.73	7,129.40	78.33	92.019		
11,300.00	7,093.91	7,079.77	7,079.40	124.25	30.27	87.31	218.89	-9,739.27	7,111.96	7,032.83	79.14	89.870		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
11,400.00	7,094.74	7,081.02	7,080.66	126.98	30.27	87.34	218.90	-9,739.27	7,016.32	6,936.33	79.99	87.719		
11,500.00	7,095.57	7,082.28	7,081.91	129.70	30.28	87.38	218.90	-9,739.28	6,920.79	6,839.91	80.88	85.568		
11,600.00	7,096.39	7,083.53	7,083.17	132.44	30.28	87.41	218.91	-9,739.28	6,825.39	6,743.57	81.82	83.420		
11,700.00	7,097.22	7,084.79	7,084.42	135.18	30.29	87.45	218.92	-9,739.29	6,730.13	6,647.32	82.80	81.277		
11,800.00	7,098.04	7,086.04	7,085.68	137.92	30.29	87.48	218.93	-9,739.29	6,635.00	6,551.16	83.84	79.141		
11,900.00	7,098.87	7,087.29	7,086.93	140.67	30.30	87.52	218.93	-9,739.30	6,540.02	6,455.10	84.92	77.012		
12,000.00	7,099.69	7,088.55	7,088.18	143.43	30.30	87.55	218.94	-9,739.31	6,445.19	6,359.13	86.06	74.895		
12,100.00	7,100.52	7,089.80	7,089.44	146.19	30.31	87.59	218.95	-9,739.31	6,350.52	6,263.28	87.24	72.790		
12,200.00	7,101.35	7,091.06	7,090.69	148.95	30.31	87.62	218.95	-9,739.32	6,256.02	6,167.53	88.49	70.699		
12,300.00	7,102.17	7,092.31	7,091.95	151.71	30.32	87.66	218.96	-9,739.32	6,161.68	6,071.90	89.79	68.625		
12,400.00	7,103.00	7,093.56	7,093.20	154.48	30.32	87.69	218.97	-9,739.33	6,067.53	5,976.39	91.15	66.568		
12,500.00	7,103.82	7,094.82	7,094.45	157.26	30.33	87.73	218.97	-9,739.33	5,973.57	5,881.00	92.57	64.531		
12,600.00	7,104.65	7,096.07	7,095.71	160.03	30.34	87.76	218.98	-9,739.34	5,879.81	5,785.76	94.05	62.516		
12,700.00	7,105.48	7,097.33	7,096.96	162.81	30.34	87.80	218.99	-9,739.34	5,786.26	5,690.66	95.60	60.524		
12,800.00	7,106.30	7,098.58	7,098.22	165.59	30.35	87.83	218.99	-9,739.35	5,692.92	5,595.70	97.22	58.557		
12,900.00	7,107.13	7,099.84	7,099.47	168.38	30.35	87.87	219.00	-9,739.35	5,599.82	5,500.91	98.91	56.616		
13,000.00	7,107.95	7,101.09	7,100.73	171.16	30.36	87.90	219.01	-9,739.36	5,506.96	5,406.29	100.67	54.702		
13,100.00	7,108.78	7,102.34	7,101.98	173.95	30.36	87.94	219.02	-9,739.36	5,414.35	5,311.84	102.51	52.818		
13,200.00	7,109.61	7,103.60	7,103.23	176.74	30.37	87.97	219.02	-9,739.37	5,322.01	5,217.58	104.43	50.963		
13,300.00	7,110.43	7,104.85	7,104.49	179.54	30.37	88.01	219.03	-9,739.37	5,229.95	5,123.52	106.43	49.140		
13,368.87	7,111.00	7,105.72	7,105.35	181.46	30.38	88.03	219.03	-9,739.38	5,166.72	5,058.86	107.86	47.904 CC, ES, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	14.00	14.00	3.28	3.29	-97.48	-1,120.95	-8,542.47	8,615.71					
100.00	100.00	114.00	114.00	3.28	3.97	-97.48	-1,120.95	-8,542.47	8,615.71	8,608.45	7.25	1,187.824		
200.00	200.00	214.00	214.00	3.34	6.60	-97.48	-1,120.95	-8,542.47	8,615.71	8,605.77	9.94	867.183		
300.00	299.98	313.98	313.98	3.44	9.78	118.17	-1,120.95	-8,542.47	8,616.53	8,603.31	13.22	651.687		
400.00	399.84	413.84	413.84	3.59	13.12	118.16	-1,120.95	-8,542.47	8,619.00	8,602.29	16.71	515.825		
500.00	499.45	513.45	513.45	3.79	16.51	118.14	-1,120.95	-8,542.47	8,623.13	8,602.83	20.30	424.811		
600.00	598.70	612.70	612.70	4.04	19.92	118.10	-1,120.95	-8,542.47	8,628.90	8,604.95	23.95	360.281		
700.00	697.47	711.47	711.47	4.32	23.32	118.06	-1,120.95	-8,542.47	8,636.34	8,608.70	27.64	312.421		
800.00	795.62	809.62	809.62	4.65	26.72	118.01	-1,120.95	-8,542.47	8,645.44	8,614.08	31.36	275.652		
900.00	893.06	907.06	907.06	5.01	30.10	117.95	-1,120.95	-8,542.47	8,656.21	8,621.11	35.10	246.604		
1,000.00	989.64	1,003.64	1,003.64	5.41	33.45	117.88	-1,120.95	-8,542.47	8,668.66	8,629.81	38.85	223.130		
1,100.00	1,085.27	1,100.73	1,099.27	5.85	36.83	117.79	-1,120.95	-8,542.47	8,682.79	8,640.13	42.65	203.560		
1,191.50	1,171.82	1,185.82	1,185.82	6.29	39.79	117.69	-1,120.95	-8,542.47	8,697.20	8,651.16	46.04	188.912		
1,200.00	1,179.82	1,206.18	1,193.82	6.34	40.50	117.71	-1,120.95	-8,542.47	8,698.61	8,651.82	46.79	185.914		
1,300.00	1,273.89	1,287.89	1,287.89	6.85	43.34	117.90	-1,120.95	-8,542.47	8,715.19	8,665.07	50.12	173.883		
1,400.00	1,367.96	1,381.96	1,381.96	7.38	46.61	118.09	-1,120.95	-8,542.47	8,731.88	8,677.98	53.90	161.991		
1,500.00	1,462.03	1,476.03	1,476.03	7.93	49.89	118.27	-1,120.95	-8,542.47	8,748.67	8,690.97	57.70	151.620		
1,600.00	1,556.10	1,570.10	1,570.10	8.49	53.17	118.46	-1,120.95	-8,542.47	8,765.56	8,704.05	61.51	142.502		
1,700.00	1,650.17	1,664.17	1,664.17	9.06	56.45	118.65	-1,120.95	-8,542.47	8,782.54	8,717.21	65.33	134.429		
1,800.00	1,744.24	1,758.24	1,758.24	9.65	59.72	118.83	-1,120.95	-8,542.47	8,799.63	8,730.47	69.16	127.234		
1,900.00	1,838.31	1,852.31	1,852.31	10.23	63.00	119.02	-1,120.95	-8,542.47	8,816.81	8,743.81	73.00	120.784		
2,000.00	1,932.38	1,946.38	1,946.38	10.83	66.28	119.20	-1,120.95	-8,542.47	8,834.09	8,757.25	76.84	114.971		
2,100.00	2,026.45	2,040.45	2,040.45	11.43	69.56	119.38	-1,120.95	-8,542.47	8,851.46	8,770.78	80.68	109.706		
2,200.00	2,120.52	2,134.52	2,134.52	12.03	72.84	119.57	-1,120.95	-8,542.47	8,868.93	8,784.40	84.53	104.917		
2,300.00	2,214.59	2,228.59	2,228.59	12.63	76.13	119.75	-1,120.95	-8,542.47	8,886.50	8,798.11	88.39	100.543		
2,400.00	2,308.66	2,322.66	2,322.66	13.24	79.41	119.93	-1,120.95	-8,542.47	8,904.16	8,811.92	92.24	96.532		
2,500.00	2,402.73	2,416.73	2,416.73	13.86	82.69	120.11	-1,120.95	-8,542.47	8,921.91	8,825.81	96.10	92.842		
2,600.00	2,496.80	2,510.80	2,510.80	14.47	85.97	120.29	-1,120.95	-8,542.47	8,939.76	8,839.80	99.96	89.436		
2,700.00	2,590.87	2,604.87	2,604.87	15.09	89.25	120.47	-1,120.95	-8,542.47	8,957.70	8,853.88	103.82	86.283		
2,800.00	2,684.95	2,701.05	2,698.95	15.71	92.61	120.65	-1,120.95	-8,542.47	8,975.73	8,867.98	107.75	83.298		
2,900.00	2,779.02	2,806.98	2,793.02	16.33	96.30	120.82	-1,120.95	-8,542.47	8,993.86	8,881.83	112.03	80.280		
3,000.00	2,873.09	2,887.09	2,887.09	16.95	99.10	121.00	-1,120.95	-8,542.47	9,012.07	8,896.67	115.41	78.089		
3,100.00	2,967.16	2,981.16	2,981.16	17.57	102.38	121.18	-1,120.95	-8,542.47	9,030.38	8,911.11	119.27	75.712		
3,200.00	3,061.23	3,075.23	3,075.23	18.20	105.66	121.35	-1,120.95	-8,542.47	9,048.78	8,925.64	123.14	73.485		
3,300.00	3,155.30	3,169.30	3,169.30	18.82	108.94	121.53	-1,120.95	-8,542.47	9,067.26	8,940.26	127.00	71.394		
3,400.00	3,249.37	3,263.37	3,263.37	19.45	112.23	121.70	-1,120.95	-8,542.47	9,085.84	8,954.97	130.87	69.427		
3,500.00	3,343.44	3,357.44	3,357.44	20.07	115.51	121.88	-1,120.95	-8,542.47	9,104.50	8,969.77	134.74	67.573		
3,600.00	3,437.51	3,451.51	3,451.51	20.70	118.79	122.05	-1,120.95	-8,542.47	9,123.25	8,984.65	138.60	65.823		
3,700.00	3,531.58	3,545.58	3,545.58	21.33	122.07	122.22	-1,120.95	-8,542.47	9,142.09	8,999.62	142.47	64.169		
3,800.00	3,625.65	3,639.65	3,639.65	21.96	125.36	122.40	-1,120.95	-8,542.47	9,161.02	9,014.68	146.33	62.603		
3,900.00	3,719.72	3,733.72	3,733.72	22.59	128.64	122.57	-1,120.95	-8,542.47	9,180.03	9,029.83	150.20	61.118		
4,000.00	3,813.79	3,827.79	3,827.79	23.22	131.92	122.74	-1,120.95	-8,542.47	9,199.13	9,045.06	154.07	59.708		
4,100.00	3,907.86	3,921.86	3,921.86	23.85	135.21	122.91	-1,120.95	-8,542.47	9,218.31	9,060.38	157.93	58.368		
4,200.00	4,001.93	4,015.93	4,015.93	24.48	138.49	123.08	-1,120.95	-8,542.47	9,237.58	9,075.78	161.80	57.093		
4,300.00	4,096.00	4,110.00	4,110.00	25.11	141.77	123.25	-1,120.95	-8,542.47	9,256.93	9,091.27	165.67	55.877		
4,400.00	4,190.07	4,204.07	4,204.07	25.75	145.06	123.41	-1,120.95	-8,542.47	9,276.37	9,106.84	169.53	54.718		
4,500.00	4,284.14	4,301.86	4,298.14	26.38	148.47	123.58	-1,120.95	-8,542.47	9,295.89	9,122.36	173.53	53.571		
4,600.00	4,378.21	4,407.79	4,392.21	27.01	152.17	123.75	-1,120.95	-8,542.47	9,315.49	9,137.69	177.80	52.392		
4,700.00	4,472.28	4,486.28	4,486.28	27.65	154.91	123.91	-1,120.95	-8,542.47	9,335.17	9,154.05	181.13	51.540		
4,800.00	4,566.35	4,580.35	4,580.35	28.28	158.19	124.08	-1,120.95	-8,542.47	9,354.94	9,169.95	184.99	50.570		
4,900.00	4,660.42	4,674.42	4,674.42	28.91	161.47	124.24	-1,120.95	-8,542.47	9,374.79	9,185.93	188.85	49.640		
5,000.00	4,754.49	4,768.49	4,768.49	29.55	164.76	124.41	-1,120.95	-8,542.47	9,394.71	9,202.00	192.72	48.749		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,862.56	4,862.56	30.18	168.04	124.57	-1,120.95	-8,542.47	9,414.72	9,218.14	196.58	47.893		
5,200.00	4,942.63	4,956.63	4,956.63	30.82	171.32	124.73	-1,120.95	-8,542.47	9,434.81	9,234.37	200.44	47.070		
5,300.00	5,036.70	5,050.70	5,050.70	31.45	174.61	124.90	-1,120.95	-8,542.47	9,454.97	9,250.67	204.30	46.279		
5,400.00	5,130.77	5,144.77	5,144.77	32.09	177.89	125.06	-1,120.95	-8,542.47	9,475.22	9,267.05	208.17	45.518		
5,500.00	5,224.84	5,238.84	5,238.84	32.72	181.17	125.22	-1,120.95	-8,542.47	9,495.54	9,283.51	212.03	44.784		
5,600.00	5,318.91	5,332.91	5,332.91	33.36	184.46	125.38	-1,120.95	-8,542.47	9,515.94	9,300.05	215.89	44.078		
5,700.00	5,412.98	5,426.98	5,426.98	33.99	187.74	125.54	-1,120.95	-8,542.47	9,536.42	9,316.67	219.75	43.397		
5,800.00	5,507.06	5,521.06	5,521.06	34.63	191.02	125.70	-1,120.95	-8,542.47	9,556.97	9,333.36	223.61	42.740		
5,900.00	5,601.13	5,615.13	5,615.13	35.26	194.31	125.86	-1,120.95	-8,542.47	9,577.60	9,350.13	227.47	42.105		
6,000.00	5,695.20	5,709.20	5,709.20	35.90	197.59	126.01	-1,120.95	-8,542.47	9,598.31	9,366.98	231.33	41.492		
6,100.00	5,789.27	5,803.27	5,803.27	36.54	200.87	126.17	-1,120.95	-8,542.47	9,619.09	9,383.90	235.18	40.900		
6,200.00	5,883.34	5,902.66	5,897.34	37.17	204.34	126.33	-1,120.95	-8,542.47	9,639.94	9,400.71	239.23	40.296		
6,300.00	5,977.41	6,008.59	5,991.41	37.81	208.04	126.48	-1,120.95	-8,542.47	9,660.87	9,417.37	243.50	39.675		
6,400.00	6,071.48	6,085.48	6,085.48	38.44	210.72	126.64	-1,120.95	-8,542.47	9,681.87	9,435.12	246.76	39.237		
6,500.00	6,165.55	6,179.55	6,179.55	39.08	214.01	126.79	-1,120.95	-8,542.47	9,702.95	9,452.33	250.61	38.717		
6,600.00	6,259.62	6,273.62	6,273.62	39.72	217.29	126.95	-1,120.95	-8,542.47	9,724.10	9,469.63	254.47	38.213		
6,677.33	6,332.36	6,346.36	6,346.36	40.21	219.83	127.07	-1,120.95	-8,542.47	9,740.50	9,483.05	257.45	37.835		
6,700.00	6,353.76	6,367.76	6,367.76	40.35	220.58	122.12	-1,120.95	-8,542.47	9,744.92	9,486.60	258.32	37.724		
6,750.00	6,401.37	6,415.37	6,415.37	40.64	222.24	109.28	-1,120.95	-8,542.47	9,751.88	9,491.62	260.26	37.470		
6,800.00	6,449.30	6,463.30	6,463.30	40.89	223.91	94.42	-1,120.95	-8,542.47	9,754.95	9,492.77	262.18	37.207		
6,850.00	6,497.25	6,511.25	6,511.25	41.11	225.59	79.37	-1,120.95	-8,542.47	9,754.13	9,490.05	264.07	36.937		
6,900.00	6,544.95	6,558.95	6,558.95	41.29	227.25	66.10	-1,120.95	-8,542.47	9,749.41	9,483.48	265.92	36.662		
6,950.00	6,592.08	6,606.08	6,606.08	41.45	228.90	55.51	-1,120.95	-8,542.47	9,740.83	9,473.10	267.72	36.384		
7,000.00	6,638.35	6,652.35	6,652.35	41.58	230.51	47.46	-1,120.95	-8,542.47	9,728.44	9,458.98	269.46	36.103		
7,050.00	6,683.50	6,702.51	6,697.50	41.70	232.26	41.44	-1,120.95	-8,542.47	9,712.31	9,441.01	271.30	35.799		
7,100.00	6,727.22	6,741.22	6,741.22	41.81	233.61	36.93	-1,120.95	-8,542.47	9,692.55	9,419.83	272.72	35.540		
7,150.00	6,769.26	6,783.26	6,783.26	41.92	235.08	33.54	-1,120.95	-8,542.47	9,669.28	9,395.04	274.23	35.260		
7,200.00	6,809.36	6,823.36	6,823.36	42.03	236.48	30.99	-1,120.95	-8,542.47	9,642.63	9,366.98	275.65	34.981		
7,250.00	6,847.27	6,861.27	6,861.27	42.15	237.80	29.09	-1,120.95	-8,542.47	9,612.77	9,335.79	276.98	34.706		
7,300.00	6,882.75	6,903.25	6,896.75	42.27	239.27	27.71	-1,120.95	-8,542.47	9,579.89	9,301.45	278.44	34.406		
7,350.00	6,915.58	6,929.58	6,929.58	42.41	240.19	26.78	-1,120.95	-8,542.47	9,544.18	9,264.84	279.33	34.168		
7,400.00	6,945.57	6,959.57	6,959.57	42.57	241.24	26.25	-1,120.95	-8,542.47	9,505.86	9,225.51	280.35	33.907		
7,450.00	6,972.53	6,986.53	6,986.53	42.75	242.18	26.13	-1,120.95	-8,542.47	9,465.17	9,183.91	281.25	33.653		
7,500.00	6,996.30	7,010.30	7,010.30	42.95	243.01	26.46	-1,120.95	-8,542.47	9,422.35	9,140.30	282.04	33.407		
7,550.00	7,016.72	7,030.72	7,030.72	43.17	243.72	27.36	-1,120.95	-8,542.47	9,377.66	9,094.95	282.72	33.170		
7,600.00	7,033.66	7,047.66	7,047.66	43.43	244.31	29.08	-1,120.95	-8,542.47	9,331.39	9,048.12	283.27	32.942		
7,650.00	7,047.04	7,061.04	7,061.04	43.72	244.78	32.15	-1,120.95	-8,542.47	9,283.81	9,000.11	283.70	32.724		
7,700.00	7,056.76	7,070.76	7,070.76	44.05	245.12	37.95	-1,120.95	-8,542.47	9,235.21	8,951.20	284.01	32.517		
7,750.00	7,062.76	7,076.76	7,076.76	44.41	245.33	50.64	-1,120.95	-8,542.47	9,185.89	8,901.69	284.20	32.322		
7,799.36	7,065.00	7,079.00	7,079.00	44.81	245.40	84.05	-1,120.95	-8,542.47	9,136.79	8,852.53	284.26	32.142		
7,900.00	7,065.83	7,079.83	7,079.83	45.73	245.43	84.11	-1,120.95	-8,542.47	9,036.47	8,752.20	284.27	31.788		
8,000.00	7,066.66	7,080.66	7,080.66	46.83	245.46	84.18	-1,120.95	-8,542.47	8,936.80	8,652.51	284.28	31.436		
8,100.00	7,067.49	7,081.49	7,081.49	48.11	245.49	84.24	-1,120.95	-8,542.47	8,837.13	8,552.83	284.30	31.084		
8,200.00	7,068.31	7,082.31	7,082.31	49.55	245.52	84.31	-1,120.95	-8,542.47	8,737.47	8,453.16	284.32	30.732		
8,300.00	7,069.14	7,083.14	7,083.14	51.14	245.55	84.37	-1,120.95	-8,542.47	8,637.82	8,353.49	284.33	30.379		
8,400.00	7,069.96	7,083.96	7,083.96	52.86	245.58	84.44	-1,120.95	-8,542.47	8,538.18	8,253.82	284.36	30.026		
8,500.00	7,070.79	7,084.79	7,084.79	54.70	245.61	84.50	-1,120.95	-8,542.47	8,438.54	8,154.16	284.38	29.673		
8,600.00	7,071.61	7,085.61	7,085.61	56.64	245.64	84.57	-1,120.95	-8,542.47	8,338.92	8,054.51	284.41	29.320		
8,700.00	7,072.44	7,086.44	7,086.44	58.68	245.66	84.63	-1,120.95	-8,542.47	8,239.30	7,954.86	284.44	28.967		
8,800.00	7,073.27	7,087.27	7,087.27	60.78	245.69	84.70	-1,120.95	-8,542.47	8,139.69	7,855.22	284.47	28.613		
8,900.00	7,074.09	7,088.09	7,088.09	62.96	245.72	84.76	-1,120.95	-8,542.47	8,040.09	7,755.58	284.51	28.259		
9,000.00	7,074.92	7,088.92	7,088.92	65.19	245.75	84.83	-1,120.95	-8,542.47	7,940.51	7,655.95	284.55	27.905		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,089.74	7,089.74	67.48	245.78	84.89	-1,120.95	-8,542.47	7,840.93	7,556.33	284.59	27.551		
9,200.00	7,076.57	7,109.43	7,090.57	69.82	246.47	84.96	-1,120.95	-8,542.47	7,741.36	7,456.06	285.30	27.134		
9,300.00	7,077.40	7,108.60	7,091.40	72.19	246.44	85.02	-1,120.95	-8,542.47	7,641.80	7,356.51	285.30	26.786		
9,400.00	7,078.22	7,107.78	7,092.22	74.61	246.41	85.09	-1,120.95	-8,542.47	7,542.26	7,256.97	285.29	26.437		
9,500.00	7,079.05	7,106.95	7,093.05	77.05	246.38	85.15	-1,120.95	-8,542.47	7,442.73	7,157.43	285.30	26.088		
9,600.00	7,079.87	7,106.13	7,093.87	79.53	246.35	85.22	-1,120.95	-8,542.47	7,343.21	7,057.90	285.31	25.738		
9,700.00	7,080.70	7,105.30	7,094.70	82.03	246.32	85.28	-1,120.95	-8,542.47	7,243.70	6,958.38	285.32	25.388		
9,800.00	7,081.53	7,104.47	7,095.53	84.55	246.29	85.35	-1,120.95	-8,542.47	7,144.21	6,858.87	285.34	25.038		
9,900.00	7,082.35	7,103.65	7,096.35	87.10	246.27	85.41	-1,120.95	-8,542.47	7,044.73	6,759.37	285.36	24.687		
10,000.00	7,083.18	7,102.82	7,097.18	89.67	246.24	85.48	-1,120.95	-8,542.47	6,945.27	6,659.87	285.40	24.336		
10,100.00	7,084.00	7,102.00	7,098.00	92.25	246.21	85.54	-1,120.95	-8,542.47	6,845.82	6,560.39	285.43	23.984		
10,200.00	7,084.83	7,101.17	7,098.83	94.86	246.18	85.61	-1,120.95	-8,542.47	6,746.39	6,460.91	285.48	23.632		
10,300.00	7,085.65	7,100.35	7,099.65	97.47	246.15	85.67	-1,120.95	-8,542.47	6,646.98	6,361.44	285.53	23.279		
10,400.00	7,086.48	7,100.48	7,100.48	100.10	246.15	85.74	-1,120.95	-8,542.47	6,547.58	6,261.95	285.62	22.924		
10,500.00	7,087.31	7,101.31	7,101.31	102.75	246.18	85.80	-1,120.95	-8,542.47	6,448.20	6,162.45	285.75	22.566		
10,600.00	7,088.13	7,102.13	7,102.13	105.40	246.21	85.87	-1,120.95	-8,542.47	6,348.84	6,062.96	285.89	22.208		
10,700.00	7,088.96	7,102.96	7,102.96	108.07	246.24	85.94	-1,120.95	-8,542.47	6,249.50	5,963.47	286.03	21.849		
10,800.00	7,089.78	7,103.78	7,103.78	110.75	246.27	86.00	-1,120.95	-8,542.47	6,150.19	5,864.00	286.19	21.490		
10,900.00	7,090.61	7,104.61	7,104.61	113.43	246.30	86.07	-1,120.95	-8,542.47	6,050.89	5,764.54	286.35	21.131		
11,000.00	7,091.44	7,105.44	7,105.44	116.13	246.33	86.13	-1,120.95	-8,542.47	5,951.62	5,665.09	286.53	20.771		
11,100.00	7,092.26	7,106.26	7,106.26	118.83	246.36	86.20	-1,120.95	-8,542.47	5,852.37	5,565.65	286.72	20.411		
11,200.00	7,093.09	7,107.09	7,107.09	121.54	246.39	86.26	-1,120.95	-8,542.47	5,753.15	5,466.23	286.93	20.051		
11,300.00	7,093.91	7,107.91	7,107.91	124.25	246.41	86.33	-1,120.95	-8,542.47	5,653.96	5,366.81	287.15	19.690		
11,400.00	7,094.74	7,108.74	7,108.74	126.98	246.44	86.39	-1,120.95	-8,542.47	5,554.79	5,267.41	287.38	19.329		
11,500.00	7,095.57	7,109.57	7,109.57	129.70	246.47	86.46	-1,120.95	-8,542.47	5,455.66	5,168.03	287.63	18.968		
11,600.00	7,096.39	7,110.39	7,110.39	132.44	246.50	86.52	-1,120.95	-8,542.47	5,356.56	5,068.66	287.90	18.606		
11,700.00	7,097.22	7,111.22	7,111.22	135.18	246.53	86.59	-1,120.95	-8,542.47	5,257.49	4,969.30	288.19	18.243		
11,800.00	7,098.04	7,112.04	7,112.04	137.92	246.56	86.65	-1,120.95	-8,542.47	5,158.46	4,869.96	288.50	17.880		
11,900.00	7,098.87	7,112.87	7,112.87	140.67	246.59	86.72	-1,120.95	-8,542.47	5,059.46	4,770.63	288.83	17.517		
12,000.00	7,099.69	7,113.69	7,113.69	143.43	246.62	86.78	-1,120.95	-8,542.47	4,960.51	4,671.32	289.19	17.153		
12,100.00	7,100.52	7,114.52	7,114.52	146.19	246.64	86.85	-1,120.95	-8,542.47	4,861.60	4,572.03	289.57	16.789		
12,200.00	7,101.35	7,115.35	7,115.35	148.95	246.67	86.92	-1,120.95	-8,542.47	4,762.73	4,472.75	289.98	16.424		
12,300.00	7,102.17	7,116.17	7,116.17	151.71	246.70	86.98	-1,120.95	-8,542.47	4,663.91	4,373.49	290.42	16.059		
12,400.00	7,103.00	7,117.00	7,117.00	154.48	246.73	87.05	-1,120.95	-8,542.47	4,565.15	4,274.25	290.89	15.694		
12,500.00	7,103.82	7,117.82	7,117.82	157.26	246.76	87.11	-1,120.95	-8,542.47	4,466.43	4,175.03	291.40	15.327		
12,600.00	7,104.65	7,118.65	7,118.65	160.03	246.79	87.18	-1,120.95	-8,542.47	4,367.78	4,075.83	291.95	14.961		
12,700.00	7,105.48	7,119.48	7,119.48	162.81	246.82	87.24	-1,120.95	-8,542.47	4,269.19	3,976.65	292.54	14.594		
12,800.00	7,106.30	7,120.30	7,120.30	165.59	246.85	87.31	-1,120.95	-8,542.47	4,170.66	3,877.49	293.17	14.226		
12,900.00	7,107.13	7,121.13	7,121.13	168.38	246.88	87.37	-1,120.95	-8,542.47	4,072.21	3,778.36	293.85	13.858		
13,000.00	7,107.95	7,121.95	7,121.95	171.16	246.90	87.44	-1,120.95	-8,542.47	3,973.84	3,679.25	294.59	13.489		
13,100.00	7,108.78	7,122.78	7,122.78	173.95	246.93	87.50	-1,120.95	-8,542.47	3,875.54	3,580.16	295.38	13.121		
13,200.00	7,109.61	7,123.61	7,123.61	176.74	246.96	87.57	-1,120.95	-8,542.47	3,777.34	3,481.11	296.23	12.751		
13,300.00	7,110.43	7,124.43	7,124.43	179.54	246.99	87.63	-1,120.95	-8,542.47	3,679.24	3,382.08	297.16	12.381		
13,368.87	7,111.00	7,125.00	7,125.00	181.46	247.01	87.68	-1,120.95	-8,542.47	3,611.73	3,313.90	297.84	12.127	CC, ES, SF	

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	26.00	26.00	3.28	3.31	-79.39	1,578.88	-8,426.13	8,572.78					
100.00	100.00	126.00	126.00	3.28	4.22	-79.39	1,578.88	-8,426.13	8,572.78	8,565.28	7.50	1,142.516		
200.00	200.00	226.00	226.00	3.34	6.96	-79.39	1,578.88	-8,426.13	8,572.78	8,562.48	10.30	832.157		
300.00	299.98	325.98	325.98	3.44	10.18	136.25	1,578.88	-8,426.13	8,574.04	8,560.43	13.62	629.625		
400.00	399.84	425.84	425.84	3.59	13.52	136.23	1,578.88	-8,426.13	8,577.83	8,560.71	17.12	501.153		
500.00	499.45	525.45	525.45	3.79	16.92	136.18	1,578.88	-8,426.13	8,584.13	8,563.42	20.71	414.469		
600.00	598.70	624.70	624.70	4.04	20.33	136.11	1,578.88	-8,426.13	8,592.95	8,568.58	24.37	352.673		
700.00	697.47	723.47	723.47	4.32	23.74	136.03	1,578.88	-8,426.13	8,604.28	8,576.22	28.06	306.667		
800.00	795.62	821.62	821.62	4.65	27.14	135.92	1,578.88	-8,426.13	8,618.12	8,586.35	31.77	271.233		
900.00	893.06	919.06	919.06	5.01	30.52	135.79	1,578.88	-8,426.13	8,634.47	8,598.96	35.50	243.195		
1,000.00	989.64	1,015.64	1,015.64	5.41	33.87	135.64	1,578.88	-8,426.13	8,653.31	8,614.07	39.24	220.520		
1,100.00	1,085.27	1,111.27	1,111.27	5.85	37.19	135.47	1,578.88	-8,426.13	8,674.63	8,631.66	42.98	201.849		
1,191.50	1,171.82	1,202.18	1,197.82	6.29	40.36	135.29	1,578.88	-8,426.13	8,696.31	8,649.77	46.54	186.859		
1,200.00	1,179.82	1,205.82	1,205.82	6.34	40.48	135.30	1,578.88	-8,426.13	8,698.42	8,651.72	46.71	186.232		
1,300.00	1,273.89	1,300.11	1,299.89	6.85	43.76	135.45	1,578.88	-8,426.13	8,723.28	8,672.84	50.44	172.930		
1,400.00	1,367.96	1,406.04	1,393.96	7.38	47.45	135.60	1,578.88	-8,426.13	8,748.20	8,693.60	54.60	160.212		
1,500.00	1,462.03	1,488.03	1,488.03	7.93	50.31	135.75	1,578.88	-8,426.13	8,773.19	8,715.24	57.94	151.406		
1,600.00	1,556.10	1,582.10	1,582.10	8.49	53.59	135.90	1,578.88	-8,426.13	8,798.23	8,736.51	61.72	142.556		
1,700.00	1,650.17	1,676.17	1,676.17	9.06	56.86	136.05	1,578.88	-8,426.13	8,823.33	8,757.83	65.50	134.707		
1,800.00	1,744.24	1,770.24	1,770.24	9.65	60.14	136.20	1,578.88	-8,426.13	8,848.49	8,779.20	69.29	127.702		
1,900.00	1,838.31	1,864.31	1,864.31	10.23	63.42	136.35	1,578.88	-8,426.13	8,873.71	8,800.62	73.09	121.413		
2,000.00	1,932.38	1,958.38	1,958.38	10.83	66.70	136.50	1,578.88	-8,426.13	8,898.98	8,822.09	76.89	115.738		
2,100.00	2,026.45	2,052.45	2,052.45	11.43	69.98	136.64	1,578.88	-8,426.13	8,924.32	8,843.62	80.70	110.593		
2,200.00	2,120.52	2,146.52	2,146.52	12.03	73.26	136.79	1,578.88	-8,426.13	8,949.71	8,865.20	84.51	105.907		
2,300.00	2,214.59	2,240.59	2,240.59	12.63	76.54	136.93	1,578.88	-8,426.13	8,975.15	8,886.83	88.32	101.623		
2,400.00	2,308.66	2,334.66	2,334.66	13.24	79.83	137.07	1,578.88	-8,426.13	9,000.65	8,908.52	92.13	97.690		
2,500.00	2,402.73	2,428.73	2,428.73	13.86	83.11	137.22	1,578.88	-8,426.13	9,026.21	8,930.26	95.95	94.070		
2,600.00	2,496.80	2,522.80	2,522.80	14.47	86.39	137.36	1,578.88	-8,426.13	9,051.83	8,952.05	99.77	90.725		
2,700.00	2,590.87	2,616.87	2,616.87	15.09	89.67	137.50	1,578.88	-8,426.13	9,077.49	8,973.90	103.59	87.625		
2,800.00	2,684.95	2,710.95	2,710.95	15.71	92.95	137.64	1,578.88	-8,426.13	9,103.21	8,995.80	107.42	84.746		
2,900.00	2,779.02	2,805.02	2,805.02	16.33	96.23	137.78	1,578.88	-8,426.13	9,128.99	9,017.75	111.24	82.065		
3,000.00	2,873.09	2,900.91	2,899.09	16.95	99.58	137.92	1,578.88	-8,426.13	9,154.82	9,039.69	115.13	79.517		
3,100.00	2,967.16	3,006.84	2,993.16	17.57	103.28	138.06	1,578.88	-8,426.13	9,180.70	9,061.33	119.37	76.910		
3,200.00	3,061.23	3,087.23	3,087.23	18.20	106.08	138.19	1,578.88	-8,426.13	9,206.63	9,083.91	122.72	75.022		
3,300.00	3,155.30	3,181.30	3,181.30	18.82	109.36	138.33	1,578.88	-8,426.13	9,232.62	9,106.07	126.55	72.959		
3,400.00	3,249.37	3,275.37	3,275.37	19.45	112.65	138.47	1,578.88	-8,426.13	9,258.65	9,128.28	130.37	71.017		
3,500.00	3,343.44	3,369.44	3,369.44	20.07	115.93	138.60	1,578.88	-8,426.13	9,284.74	9,150.54	134.20	69.185		
3,600.00	3,437.51	3,463.51	3,463.51	20.70	119.21	138.74	1,578.88	-8,426.13	9,310.88	9,172.85	138.03	67.456		
3,700.00	3,531.58	3,557.58	3,557.58	21.33	122.49	138.87	1,578.88	-8,426.13	9,337.07	9,195.21	141.86	65.820		
3,800.00	3,625.65	3,651.65	3,651.65	21.96	125.78	139.00	1,578.88	-8,426.13	9,363.30	9,217.62	145.69	64.271		
3,900.00	3,719.72	3,745.72	3,745.72	22.59	129.06	139.14	1,578.88	-8,426.13	9,389.59	9,240.08	149.51	62.801		
4,000.00	3,813.79	3,839.79	3,839.79	23.22	132.34	139.27	1,578.88	-8,426.13	9,415.93	9,262.58	153.34	61.404		
4,100.00	3,907.86	3,933.86	3,933.86	23.85	135.63	139.40	1,578.88	-8,426.13	9,442.31	9,285.14	157.17	60.077		
4,200.00	4,001.93	4,027.93	4,027.93	24.48	138.91	139.53	1,578.88	-8,426.13	9,468.74	9,307.74	161.00	58.812		
4,300.00	4,096.00	4,122.00	4,122.00	25.11	142.19	139.66	1,578.88	-8,426.13	9,495.22	9,330.39	164.83	57.607		
4,400.00	4,190.07	4,216.07	4,216.07	25.75	145.47	139.79	1,578.88	-8,426.13	9,521.75	9,353.09	168.66	56.456		
4,500.00	4,284.14	4,310.14	4,310.14	26.38	148.76	139.92	1,578.88	-8,426.13	9,548.32	9,375.84	172.48	55.357		
4,600.00	4,378.21	4,404.21	4,404.21	27.01	152.04	140.04	1,578.88	-8,426.13	9,574.94	9,398.63	176.31	54.307		
4,700.00	4,472.28	4,501.72	4,498.28	27.65	155.44	140.17	1,578.88	-8,426.13	9,601.61	9,421.35	180.26	53.265		
4,800.00	4,566.35	4,607.65	4,592.35	28.28	159.14	140.30	1,578.88	-8,426.13	9,628.32	9,443.82	184.50	52.185		
4,900.00	4,660.42	4,686.42	4,686.42	28.91	161.89	140.42	1,578.88	-8,426.13	9,655.08	9,467.28	187.80	51.413		
5,000.00	4,754.49	4,780.49	4,780.49	29.55	165.17	140.55	1,578.88	-8,426.13	9,681.88	9,490.25	191.62	50.526		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,874.56	4,874.56	30.18	168.46	140.67	1,578.88	-8,426.13	9,708.72	9,513.27	195.45	49.674		
5,200.00	4,942.63	4,968.63	4,968.63	30.82	171.74	140.80	1,578.88	-8,426.13	9,735.62	9,536.34	199.28	48.855		
5,300.00	5,036.70	5,062.70	5,062.70	31.45	175.02	140.92	1,578.88	-8,426.13	9,762.55	9,559.45	203.10	48.067		
5,400.00	5,130.77	5,156.77	5,156.77	32.09	178.31	141.04	1,578.88	-8,426.13	9,789.53	9,582.60	206.93	47.308		
5,500.00	5,224.84	5,250.84	5,250.84	32.72	181.59	141.16	1,578.88	-8,426.13	9,816.55	9,605.79	210.76	46.578		
5,600.00	5,318.91	5,344.91	5,344.91	33.36	184.87	141.28	1,578.88	-8,426.13	9,843.61	9,629.03	214.58	45.873		
5,700.00	5,412.98	5,438.98	5,438.98	33.99	188.16	141.40	1,578.88	-8,426.13	9,870.72	9,652.31	218.41	45.194		
5,800.00	5,507.06	5,533.06	5,533.06	34.63	191.44	141.52	1,578.88	-8,426.13	9,897.87	9,675.63	222.23	44.538		
5,900.00	5,601.13	5,627.13	5,627.13	35.26	194.73	141.64	1,578.88	-8,426.13	9,925.06	9,699.00	226.06	43.905		
6,000.00	5,695.20	5,721.20	5,721.20	35.90	198.01	141.76	1,578.88	-8,426.13	9,952.29	9,722.41	229.88	43.293		
6,100.00	5,789.27	5,815.27	5,815.27	36.54	201.29	141.88	1,578.88	-8,426.13	9,979.56	9,745.85	233.71	42.701		
7,350.00	6,915.58	6,941.58	6,941.58	42.41	240.61	46.23	1,578.88	-8,426.13	9,997.60	9,719.95	277.65	36.008		
7,400.00	6,945.57	6,971.57	6,971.57	42.57	241.65	46.99	1,578.88	-8,426.13	9,963.81	9,685.14	278.66	35.756		
7,450.00	6,972.53	7,001.47	6,998.53	42.75	242.70	48.41	1,578.88	-8,426.13	9,927.57	9,647.90	279.67	35.498		
7,500.00	6,996.30	7,022.30	7,022.30	42.95	243.43	50.56	1,578.88	-8,426.13	9,889.10	9,608.75	280.36	35.273		
7,550.00	7,016.72	7,042.72	7,042.72	43.17	244.14	53.57	1,578.88	-8,426.13	9,848.65	9,567.62	281.04	35.044		
7,600.00	7,033.66	7,059.66	7,059.66	43.43	244.73	57.61	1,578.88	-8,426.13	9,806.46	9,524.86	281.60	34.824		
7,650.00	7,047.04	7,073.04	7,073.04	43.72	245.20	62.92	1,578.88	-8,426.13	9,762.79	9,480.73	282.06	34.613		
7,700.00	7,056.76	7,082.76	7,082.76	44.05	245.54	69.78	1,578.88	-8,426.13	9,717.90	9,435.51	282.39	34.413		
7,750.00	7,062.76	7,088.76	7,088.76	44.41	245.75	78.43	1,578.88	-8,426.13	9,672.07	9,389.45	282.62	34.223		
7,799.36	7,065.00	7,109.00	7,091.00	44.81	246.45	88.76	1,578.88	-8,426.13	9,626.17	9,342.81	283.36	33.972		
7,900.00	7,065.83	7,108.17	7,091.83	45.73	246.42	88.77	1,578.88	-8,426.13	9,532.17	9,248.74	283.42	33.632		
8,000.00	7,066.66	7,107.34	7,092.66	46.83	246.39	88.78	1,578.88	-8,426.13	9,438.90	9,155.38	283.52	33.292		
8,100.00	7,067.49	7,106.51	7,093.49	48.11	246.37	88.80	1,578.88	-8,426.13	9,345.78	9,062.12	283.66	32.947		
8,200.00	7,068.31	7,105.69	7,094.31	49.55	246.34	88.81	1,578.88	-8,426.13	9,252.80	8,968.96	283.84	32.599		
8,300.00	7,069.14	7,104.86	7,095.14	51.14	246.31	88.83	1,578.88	-8,426.13	9,159.96	8,875.91	284.06	32.247		
8,400.00	7,069.96	7,104.04	7,095.96	52.86	246.28	88.84	1,578.88	-8,426.13	9,067.28	8,782.96	284.32	31.892		
8,500.00	7,070.79	7,103.21	7,096.79	54.70	246.25	88.85	1,578.88	-8,426.13	8,974.75	8,690.14	284.62	31.532		
8,600.00	7,071.61	7,102.39	7,097.61	56.64	246.22	88.87	1,578.88	-8,426.13	8,882.39	8,597.42	284.97	31.170		
8,700.00	7,072.44	7,101.56	7,098.44	58.68	246.19	88.88	1,578.88	-8,426.13	8,790.20	8,504.83	285.36	30.803		
8,800.00	7,073.27	7,100.73	7,099.27	60.78	246.16	88.89	1,578.88	-8,426.13	8,698.17	8,412.36	285.81	30.434		
8,900.00	7,074.09	7,100.09	7,100.09	62.96	246.14	88.91	1,578.88	-8,426.13	8,606.33	8,320.02	286.31	30.060		
9,000.00	7,074.92	7,100.92	7,100.92	65.19	246.17	88.92	1,578.88	-8,426.13	8,514.67	8,227.76	286.91	29.677		
9,100.00	7,075.74	7,101.74	7,101.74	67.48	246.20	88.94	1,578.88	-8,426.13	8,423.19	8,135.63	287.56	29.292		
9,200.00	7,076.57	7,102.57	7,102.57	69.82	246.23	88.95	1,578.88	-8,426.13	8,331.92	8,043.65	288.27	28.904		
9,300.00	7,077.40	7,103.40	7,103.40	72.19	246.26	88.96	1,578.88	-8,426.13	8,240.84	7,951.82	289.03	28.513		
9,400.00	7,078.22	7,104.22	7,104.22	74.61	246.29	88.98	1,578.88	-8,426.13	8,149.98	7,860.14	289.84	28.119		
9,500.00	7,079.05	7,105.05	7,105.05	77.05	246.31	88.99	1,578.88	-8,426.13	8,059.33	7,768.62	290.71	27.723		
9,600.00	7,079.87	7,105.87	7,105.87	79.53	246.34	89.00	1,578.88	-8,426.13	7,968.91	7,677.27	291.63	27.325		
9,700.00	7,080.70	7,106.70	7,106.70	82.03	246.37	89.02	1,578.88	-8,426.13	7,878.71	7,586.10	292.61	26.925		
9,800.00	7,081.53	7,107.53	7,107.53	84.55	246.40	89.03	1,578.88	-8,426.13	7,788.76	7,495.11	293.65	26.524		
9,900.00	7,082.35	7,108.35	7,108.35	87.10	246.43	89.05	1,578.88	-8,426.13	7,699.05	7,404.30	294.75	26.121		
10,000.00	7,083.18	7,109.18	7,109.18	89.67	246.46	89.06	1,578.88	-8,426.13	7,609.60	7,313.70	295.91	25.716		
10,100.00	7,084.00	7,110.00	7,110.00	92.25	246.49	89.07	1,578.88	-8,426.13	7,520.42	7,223.30	297.12	25.311		
10,200.00	7,084.83	7,110.83	7,110.83	94.86	246.52	89.09	1,578.88	-8,426.13	7,431.51	7,133.11	298.40	24.905		
10,300.00	7,085.65	7,111.65	7,111.65	97.47	246.54	89.10	1,578.88	-8,426.13	7,342.89	7,043.15	299.74	24.498		
10,400.00	7,086.48	7,112.48	7,112.48	100.10	246.57	89.12	1,578.88	-8,426.13	7,254.56	6,953.42	301.14	24.091		
10,500.00	7,087.31	7,113.31	7,113.31	102.75	246.60	89.13	1,578.88	-8,426.13	7,166.54	6,863.94	302.60	23.683		
10,600.00	7,088.13	7,114.13	7,114.13	105.40	246.63	89.14	1,578.88	-8,426.13	7,078.83	6,774.71	304.12	23.276		
10,700.00	7,088.96	7,114.96	7,114.96	108.07	246.66	89.16	1,578.88	-8,426.13	6,991.46	6,685.75	305.71	22.869		
10,800.00	7,089.78	7,115.78	7,115.78	110.75	246.69	89.17	1,578.88	-8,426.13	6,904.43	6,597.06	307.37	22.463		
10,900.00	7,090.61	7,116.61	7,116.61	113.43	246.72	89.18	1,578.88	-8,426.13	6,817.76	6,508.67	309.09	22.058		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
11,000.00	7,091.44	7,117.44	7,117.44	116.13	246.75	89.20	1,578.88	-8,426.13	6,731.45	6,420.58	310.87	21.653		
11,100.00	7,092.26	7,118.26	7,118.26	118.83	246.78	89.21	1,578.88	-8,426.13	6,645.53	6,332.80	312.73	21.250		
11,200.00	7,093.09	7,119.09	7,119.09	121.54	246.80	89.23	1,578.88	-8,426.13	6,560.01	6,245.36	314.65	20.849		
11,300.00	7,093.91	7,119.91	7,119.91	124.25	246.83	89.24	1,578.88	-8,426.13	6,474.90	6,158.26	316.64	20.449		
11,400.00	7,094.74	7,120.74	7,120.74	126.98	246.86	89.25	1,578.88	-8,426.13	6,390.22	6,071.52	318.71	20.050		
11,500.00	7,095.57	7,121.57	7,121.57	129.70	246.89	89.27	1,578.88	-8,426.13	6,305.99	5,985.15	320.84	19.655		
11,600.00	7,096.39	7,122.39	7,122.39	132.44	246.92	89.28	1,578.88	-8,426.13	6,222.23	5,899.18	323.05	19.261		
11,700.00	7,097.22	7,123.22	7,123.22	135.18	246.95	89.30	1,578.88	-8,426.13	6,138.96	5,813.63	325.33	18.870		
11,800.00	7,098.04	7,124.04	7,124.04	137.92	246.98	89.31	1,578.88	-8,426.13	6,056.19	5,728.50	327.69	18.481		
11,900.00	7,098.87	7,124.87	7,124.87	140.67	247.01	89.32	1,578.88	-8,426.13	5,973.95	5,643.82	330.12	18.096		
12,000.00	7,099.69	7,125.69	7,125.69	143.43	247.03	89.34	1,578.88	-8,426.13	5,892.26	5,559.62	332.64	17.714		
12,100.00	7,100.52	7,126.52	7,126.52	146.19	247.06	89.35	1,578.88	-8,426.13	5,811.14	5,475.91	335.23	17.335		
12,200.00	7,101.35	7,127.35	7,127.35	148.95	247.09	89.36	1,578.88	-8,426.13	5,730.61	5,392.71	337.90	16.959		
12,300.00	7,102.17	7,128.17	7,128.17	151.71	247.12	89.38	1,578.88	-8,426.13	5,650.71	5,310.05	340.66	16.588		
12,400.00	7,103.00	7,129.00	7,129.00	154.48	247.15	89.39	1,578.88	-8,426.13	5,571.46	5,227.96	343.50	16.220		
12,500.00	7,103.82	7,129.82	7,129.82	157.26	247.18	89.41	1,578.88	-8,426.13	5,492.88	5,146.46	346.42	15.856		
12,600.00	7,104.65	7,130.65	7,130.65	160.03	247.21	89.42	1,578.88	-8,426.13	5,415.01	5,065.58	349.43	15.497		
12,700.00	7,105.48	7,131.48	7,131.48	162.81	247.24	89.43	1,578.88	-8,426.13	5,337.88	4,985.35	352.53	15.142		
12,800.00	7,106.30	7,132.30	7,132.30	165.59	247.27	89.45	1,578.88	-8,426.13	5,261.52	4,905.80	355.72	14.791		
12,900.00	7,107.13	7,133.13	7,133.13	168.38	247.29	89.46	1,578.88	-8,426.13	5,185.96	4,826.97	358.99	14.446		
13,000.00	7,107.95	7,133.95	7,133.95	171.16	247.32	89.47	1,578.88	-8,426.13	5,111.24	4,748.88	362.36	14.105		
13,100.00	7,108.78	7,134.78	7,134.78	173.95	247.35	89.49	1,578.88	-8,426.13	5,037.40	4,671.58	365.82	13.770		
13,200.00	7,109.61	7,135.61	7,135.61	176.74	247.38	89.50	1,578.88	-8,426.13	4,964.47	4,595.10	369.37	13.440		
13,300.00	7,110.43	7,136.43	7,136.43	179.54	247.41	89.52	1,578.88	-8,426.13	4,892.50	4,519.49	373.02	13.116		
13,368.87	7,111.00	7,137.00	7,137.00	181.46	247.43	89.53	1,578.88	-8,426.13	4,843.52	4,467.94	375.58	12.896 CC, ES, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-166.80	-2,636.11	-618.28	2,707.66					
100.00	100.00	83.56	83.56	3.28	3.28	-166.80	-2,636.22	-618.29	2,707.77	2,701.20	6.57	412.165		
200.00	200.00	188.52	188.52	3.34	3.33	-166.80	-2,636.49	-618.20	2,708.00	2,701.33	6.67	405.978		
300.00	299.98	282.58	282.58	3.44	3.43	48.88	-2,636.69	-618.04	2,707.02	2,700.15	6.87	394.139		
400.00	399.84	381.85	381.85	3.59	3.58	49.01	-2,637.02	-618.13	2,703.93	2,696.76	7.17	377.295		
500.00	499.45	484.10	484.09	3.79	3.77	49.24	-2,637.28	-618.31	2,698.50	2,690.94	7.56	356.838		
600.00	598.70	582.42	582.41	4.04	4.00	49.55	-2,637.51	-618.40	2,690.78	2,682.75	8.03	335.088		
700.00	697.47	692.27	692.27	4.32	4.28	49.99	-2,637.64	-618.32	2,680.71	2,672.11	8.60	311.809		
800.00	795.62	783.23	783.22	4.65	4.54	50.47	-2,637.62	-618.28	2,668.33	2,659.16	9.17	290.885		
900.00	893.06	877.09	877.09	5.01	4.83	51.05	-2,637.77	-618.50	2,654.09	2,644.28	9.81	270.550		
1,000.00	989.64	988.13	988.12	5.41	5.18	51.80	-2,637.82	-618.54	2,637.68	2,627.13	10.55	250.027		
1,100.00	1,085.27	1,075.99	1,075.99	5.85	5.48	52.55	-2,637.67	-618.46	2,619.06	2,607.80	11.26	232.616		
1,191.50	1,171.82	1,159.55	1,159.55	6.29	5.77	53.34	-2,637.74	-618.53	2,600.66	2,588.70	11.96	217.499		
1,200.00	1,179.82	1,167.56	1,167.56	6.34	5.80	53.39	-2,637.75	-618.54	2,598.88	2,586.85	12.03	216.098		
1,300.00	1,273.89	1,260.14	1,260.13	6.85	6.13	53.96	-2,637.88	-618.57	2,578.13	2,565.31	12.83	201.008		
1,400.00	1,367.96	1,354.98	1,354.97	7.38	6.48	54.55	-2,638.08	-618.56	2,557.72	2,544.06	13.66	187.226		
1,500.00	1,462.03	1,450.23	1,450.23	7.93	6.83	55.16	-2,638.23	-618.44	2,537.51	2,522.99	14.52	174.750		
1,600.00	1,556.10	1,545.24	1,545.24	8.49	7.19	55.77	-2,638.36	-618.37	2,517.59	2,502.19	15.40	163.485		
1,700.00	1,650.17	1,639.58	1,639.57	9.06	7.55	56.38	-2,638.50	-618.10	2,497.90	2,481.61	16.29	153.314		
1,800.00	1,744.24	1,732.42	1,732.41	9.65	7.91	57.00	-2,638.57	-618.20	2,478.59	2,461.39	17.20	144.142		
1,900.00	1,838.31	1,830.66	1,830.66	10.23	8.30	57.66	-2,638.67	-618.08	2,459.53	2,441.40	18.13	135.659		
2,000.00	1,932.38	1,925.97	1,925.97	10.83	8.67	58.31	-2,638.51	-618.04	2,440.59	2,421.52	19.07	128.008		
2,100.00	2,026.45	2,008.68	2,008.67	11.43	9.00	58.89	-2,638.58	-618.23	2,422.28	2,402.31	19.97	121.307		
2,200.00	2,120.52	2,104.38	2,104.38	12.03	9.38	59.57	-2,638.77	-618.61	2,404.48	2,383.55	20.93	114.896		
2,300.00	2,214.59	2,207.91	2,207.91	12.63	9.80	60.32	-2,638.72	-619.00	2,386.81	2,364.88	21.92	108.875		
2,400.00	2,308.66	2,302.32	2,302.31	13.24	10.17	61.01	-2,638.52	-619.26	2,369.32	2,346.42	22.89	103.498		
2,500.00	2,402.73	2,404.88	2,404.87	13.86	10.59	61.76	-2,638.21	-619.23	2,352.00	2,328.10	23.90	98.420		
2,600.00	2,496.80	2,497.90	2,497.89	14.47	10.97	62.45	-2,637.85	-619.01	2,334.90	2,310.03	24.88	93.862		
2,700.00	2,590.87	2,592.66	2,592.65	15.09	11.35	63.17	-2,637.48	-618.81	2,318.18	2,292.31	25.87	89.619		
2,800.00	2,684.95	2,683.98	2,683.97	15.71	11.73	63.86	-2,637.19	-618.55	2,301.87	2,275.02	26.85	85.722		
2,900.00	2,779.02	2,772.49	2,772.48	16.33	12.09	64.54	-2,637.13	-618.20	2,286.12	2,258.29	27.83	82.133		
3,000.00	2,873.09	2,866.96	2,866.95	16.95	12.48	65.27	-2,637.11	-618.08	2,270.92	2,242.08	28.84	78.735		
3,100.00	2,967.16	2,962.58	2,962.57	17.57	12.87	66.04	-2,636.84	-618.23	2,256.04	2,226.18	29.86	75.554		
3,200.00	3,061.23	3,053.85	3,053.84	18.20	13.25	66.77	-2,636.60	-618.36	2,241.59	2,210.72	30.87	72.620		
3,300.00	3,155.30	3,142.94	3,142.93	18.82	13.62	67.49	-2,636.65	-618.33	2,227.75	2,195.88	31.87	69.898		
3,400.00	3,249.37	3,233.62	3,233.61	19.45	13.99	68.24	-2,636.82	-618.51	2,214.55	2,181.66	32.89	67.341		
3,500.00	3,343.44	3,327.35	3,327.34	20.07	14.38	69.00	-2,637.18	-618.47	2,201.84	2,167.92	33.91	64.924		
3,600.00	3,437.51	3,420.18	3,420.16	20.70	14.77	69.77	-2,637.62	-618.38	2,189.61	2,154.66	34.94	62.663		
3,700.00	3,531.58	3,511.64	3,511.62	21.33	15.15	70.54	-2,638.13	-618.34	2,177.92	2,141.94	35.97	60.548		
3,800.00	3,625.65	3,602.43	3,602.41	21.96	15.53	71.30	-2,638.76	-618.35	2,166.82	2,129.82	37.00	58.565		
3,900.00	3,719.72	3,695.11	3,695.09	22.59	15.92	72.09	-2,639.49	-618.42	2,156.29	2,118.25	38.04	56.691		
4,000.00	3,813.79	3,791.25	3,791.22	23.22	16.32	72.91	-2,640.25	-618.49	2,146.22	2,107.13	39.09	54.906		
4,100.00	3,907.86	3,886.73	3,886.71	23.85	16.73	73.73	-2,640.97	-618.48	2,136.55	2,096.41	40.14	53.225		
4,200.00	4,001.93	3,977.24	3,977.21	24.48	17.11	74.52	-2,641.74	-618.44	2,127.41	2,086.23	41.18	51.663		
4,300.00	4,096.00	4,070.09	4,070.05	25.11	17.50	75.32	-2,642.67	-618.45	2,118.90	2,076.67	42.23	50.181		
4,400.00	4,190.07	4,165.92	4,165.88	25.75	17.90	76.16	-2,643.71	-618.34	2,110.87	2,067.58	43.28	48.767		
4,500.00	4,284.14	4,258.91	4,258.86	26.38	18.29	76.97	-2,644.81	-618.07	2,103.28	2,058.94	44.33	47.441		
4,600.00	4,378.21	4,353.93	4,353.88	27.01	18.69	77.81	-2,645.93	-617.94	2,096.27	2,050.88	45.39	46.180		
4,700.00	4,472.28	4,446.67	4,446.61	27.65	19.08	78.64	-2,646.78	-617.97	2,089.68	2,043.24	46.45	44.992		
4,800.00	4,566.35	4,537.91	4,537.84	28.28	19.47	79.48	-2,647.43	-618.51	2,083.82	2,036.33	47.49	43.877		
4,900.00	4,660.42	4,634.31	4,634.24	28.91	19.88	80.36	-2,648.10	-619.02	2,078.45	2,029.89	48.56	42.803		
5,000.00	4,754.49	4,732.57	4,732.50	29.55	20.29	81.27	-2,648.86	-619.33	2,073.52	2,023.88	49.63	41.777		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,833.61	4,833.53	30.18	20.72	82.18	-2,649.76	-619.03	2,068.77	2,018.05	50.72	40.790		
5,200.00	4,942.63	4,928.52	4,928.44	30.82	21.12	83.04	-2,650.63	-618.56	2,064.43	2,012.65	51.78	39.872		
5,300.00	5,036.70	5,024.22	5,024.14	31.45	21.52	83.92	-2,651.33	-618.20	2,060.57	2,007.73	52.84	38.997		
5,400.00	5,130.77	5,119.56	5,119.48	32.09	21.93	84.80	-2,651.82	-617.93	2,057.16	2,003.26	53.90	38.167		
5,500.00	5,224.84	5,211.54	5,211.46	32.72	22.32	85.66	-2,652.23	-617.78	2,054.34	1,999.40	54.94	37.390		
5,600.00	5,318.91	5,306.23	5,306.14	33.36	22.72	86.54	-2,652.60	-617.72	2,052.10	1,996.11	56.00	36.645		
5,700.00	5,412.98	5,401.21	5,401.13	33.99	23.12	87.44	-2,652.90	-617.68	2,050.38	1,993.33	57.05	35.938		
5,800.00	5,507.06	5,491.83	5,491.75	34.63	23.51	88.29	-2,653.21	-617.69	2,049.28	1,991.19	58.09	35.279		
5,900.00	5,601.13	5,585.21	5,585.12	35.26	23.90	89.17	-2,653.59	-617.79	2,048.83	1,989.70	59.13	34.649		
5,926.07	5,625.65	5,609.61	5,609.52	35.43	24.01	89.40	-2,653.69	-617.82	2,048.81	1,989.40	59.40	34.490		
6,000.00	5,695.20	5,676.52	5,676.43	35.90	24.29	90.03	-2,653.93	-617.99	2,049.00	1,988.84	60.16	34.058		
6,100.00	5,789.27	5,767.39	5,767.30	36.54	24.68	90.89	-2,654.25	-618.38	2,049.88	1,988.69	61.19	33.501		
6,200.00	5,883.34	5,859.87	5,859.78	37.17	25.07	91.77	-2,654.53	-618.96	2,051.45	1,989.23	62.22	32.972		
6,300.00	5,977.41	5,951.23	5,951.13	37.81	25.46	92.64	-2,654.60	-619.74	2,053.64	1,990.40	63.24	32.474		
6,400.00	6,071.48	6,040.98	6,040.87	38.44	25.84	93.51	-2,654.44	-620.84	2,056.58	1,992.33	64.25	32.010		
6,500.00	6,165.55	6,132.09	6,131.97	39.08	26.22	94.39	-2,654.28	-622.16	2,060.28	1,995.02	65.26	31.571		
6,600.00	6,259.62	6,225.99	6,225.86	39.72	26.62	95.30	-2,653.96	-623.65	2,064.60	1,998.32	66.28	31.150		
6,677.33	6,332.36	6,299.31	6,299.17	40.21	26.93	96.01	-2,653.62	-624.84	2,068.32	2,001.25	67.07	30.839		
6,700.00	6,353.76	6,319.67	6,319.53	40.35	27.02	91.28	-2,653.52	-625.17	2,069.12	2,001.83	67.29	30.749		
6,750.00	6,401.37	6,364.89	6,364.74	40.64	27.21	78.76	-2,653.30	-625.95	2,068.49	2,000.73	67.76	30.527		
6,800.00	6,449.30	6,410.86	6,410.71	40.89	27.40	64.03	-2,653.07	-626.80	2,064.55	1,996.35	68.20	30.272		
6,850.00	6,497.25	6,458.20	6,458.04	41.11	27.60	48.93	-2,652.83	-627.70	2,057.26	1,988.65	68.61	29.985		
6,900.00	6,544.95	6,505.75	6,505.58	41.29	27.81	35.39	-2,652.57	-628.63	2,046.62	1,977.63	68.99	29.666		
6,950.00	6,592.08	6,555.85	6,555.67	41.45	28.02	24.31	-2,652.28	-629.58	2,032.61	1,963.26	69.35	29.308		
7,000.00	6,638.35	6,605.07	6,604.88	41.58	28.23	15.54	-2,651.96	-630.45	2,015.28	1,945.58	69.69	28.916		
7,050.00	6,683.50	6,653.08	6,652.88	41.70	28.43	8.51	-2,651.63	-631.24	1,994.71	1,924.69	70.01	28.491		
7,100.00	6,727.22	6,699.59	6,699.39	41.81	28.63	2.67	-2,651.32	-631.92	1,971.02	1,900.70	70.31	28.032		
7,150.00	6,769.26	6,745.39	6,745.18	41.92	28.82	-2.41	-2,650.97	-632.54	1,944.34	1,873.73	70.60	27.538		
7,200.00	6,809.36	6,789.04	6,788.82	42.03	29.01	-7.10	-2,650.55	-633.09	1,914.84	1,843.95	70.88	27.014		
7,250.00	6,847.27	6,830.03	6,829.81	42.15	29.18	-11.67	-2,650.07	-633.57	1,882.70	1,811.55	71.15	26.460		
7,300.00	6,882.75	6,868.30	6,868.07	42.27	29.34	-16.34	-2,649.52	-634.01	1,848.17	1,776.76	71.41	25.880		
7,350.00	6,915.58	6,903.72	6,903.48	42.41	29.49	-21.34	-2,648.92	-634.42	1,811.47	1,739.81	71.67	25.276		
7,400.00	6,945.57	6,931.49	6,931.24	42.57	29.61	-26.78	-2,648.40	-634.77	1,772.92	1,701.03	71.90	24.659		
7,450.00	6,972.53	6,957.09	6,956.84	42.75	29.72	-32.88	-2,647.87	-635.14	1,732.81	1,660.68	72.13	24.023		
7,500.00	6,996.30	6,979.87	6,979.61	42.95	29.82	-39.76	-2,647.37	-635.52	1,691.42	1,619.05	72.37	23.372		
7,550.00	7,016.72	6,999.70	6,999.43	43.17	29.90	-47.47	-2,646.90	-635.89	1,649.04	1,576.43	72.61	22.710		
7,600.00	7,033.66	7,017.27	7,016.99	43.43	29.98	-55.92	-2,646.47	-636.23	1,606.00	1,533.13	72.87	22.039		
7,650.00	7,047.04	7,031.43	7,031.14	43.72	30.04	-64.78	-2,646.10	-636.52	1,562.61	1,489.47	73.14	21.364		
7,700.00	7,056.76	7,042.05	7,041.76	44.05	30.08	-73.57	-2,645.81	-636.74	1,519.24	1,445.81	73.42	20.691		
7,750.00	7,062.76	7,049.06	7,048.77	44.41	30.11	-81.80	-2,645.61	-636.89	1,476.23	1,402.50	73.72	20.024		
7,799.36	7,065.00	7,052.37	7,052.07	44.81	30.12	-88.99	-2,645.52	-636.96	1,434.48	1,360.45	74.03	19.376		
7,900.00	7,065.83	7,055.43	7,055.13	45.73	30.14	-89.21	-2,645.43	-637.03	1,351.45	1,276.68	74.76	18.076		
8,000.00	7,066.66	7,058.50	7,058.20	46.83	30.15	-89.44	-2,645.34	-637.10	1,271.46	1,195.80	75.66	16.805		
8,100.00	7,067.49	7,061.61	7,061.30	48.11	30.16	-89.66	-2,645.25	-637.17	1,194.48	1,117.73	76.76	15.562		
8,200.00	7,068.31	7,064.75	7,064.44	49.55	30.18	-89.89	-2,645.16	-637.24	1,121.14	1,043.05	78.08	14.358		
8,300.00	7,069.14	7,067.92	7,067.61	51.14	30.19	-90.12	-2,645.06	-637.31	1,052.18	972.51	79.67	13.207		
8,400.00	7,069.96	7,071.13	7,070.82	52.86	30.20	-90.36	-2,644.97	-637.38	988.54	907.01	81.53	12.125		
8,500.00	7,070.79	7,074.38	7,074.07	54.70	30.22	-90.59	-2,644.87	-637.46	931.30	847.65	83.65	11.134		
8,600.00	7,071.61	7,077.66	7,077.35	56.64	30.23	-90.83	-2,644.77	-637.53	881.70	795.73	85.97	10.256		
8,700.00	7,072.44	7,080.98	7,080.66	58.68	30.25	-91.08	-2,644.67	-637.61	841.10	752.70	88.40	9.514		
8,800.00	7,073.27	7,084.34	7,084.02	60.78	30.26	-91.32	-2,644.56	-637.69	810.86	720.08	90.78	8.932		
8,900.00	7,074.09	7,087.73	7,087.41	62.96	30.27	-91.57	-2,644.46	-637.77	792.15	699.25	92.91	8.526		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	7,091.17	7,090.84	65.19	30.29	-91.82	-2,644.35	-637.85	785.81	691.23	94.58	8.308		
9,000.08	7,074.92	7,091.17	7,090.84	65.20	30.29	-91.82	-2,644.35	-637.85	785.81	691.23	94.58	8.308 CC, ES		
9,100.00	7,075.74	7,094.64	7,094.31	67.48	30.30	-92.07	-2,644.24	-637.93	792.13	696.46	95.68	8.279 SF		
9,200.00	7,076.57	7,098.15	7,097.82	69.82	30.32	-92.33	-2,644.13	-638.02	810.82	714.68	96.14	8.434		
9,300.00	7,077.40	7,101.71	7,101.37	72.19	30.33	-92.59	-2,644.01	-638.11	841.04	745.02	96.03	8.758		
9,400.00	7,078.22	7,105.31	7,104.97	74.61	30.35	-92.85	-2,643.89	-638.19	881.62	786.16	95.46	9.235		
9,500.00	7,079.05	7,108.94	7,108.60	77.05	30.36	-93.11	-2,643.77	-638.28	931.20	836.62	94.58	9.846		
9,600.00	7,079.87	7,112.63	7,112.28	79.53	30.38	-93.38	-2,643.65	-638.38	988.43	894.92	93.51	10.570		
9,700.00	7,080.70	7,116.35	7,116.00	82.03	30.40	-93.65	-2,643.52	-638.47	1,052.06	959.69	92.36	11.390		
9,800.00	7,081.53	7,117.94	7,117.59	84.55	30.40	-93.77	-2,643.48	-638.50	1,121.01	1,029.78	91.23	12.288		
9,900.00	7,082.35	7,121.21	7,120.86	87.10	30.42	-94.01	-2,643.38	-638.58	1,194.35	1,104.24	90.11	13.254		
10,000.00	7,083.18	7,124.48	7,124.13	89.67	30.43	-94.24	-2,643.27	-638.66	1,271.32	1,182.26	89.06	14.275		
10,100.00	7,084.00	7,127.75	7,127.40	92.25	30.45	-94.48	-2,643.16	-638.74	1,351.30	1,263.21	88.08	15.341		
10,200.00	7,084.83	7,131.03	7,130.67	94.86	30.46	-94.72	-2,643.06	-638.82	1,433.78	1,346.59	87.19	16.445		
10,300.00	7,085.65	7,134.30	7,133.94	97.47	30.48	-94.96	-2,642.95	-638.90	1,518.37	1,432.00	86.37	17.579		
10,400.00	7,086.48	7,137.57	7,137.21	100.10	30.49	-95.20	-2,642.84	-638.98	1,604.72	1,519.09	85.63	18.740		
10,500.00	7,087.31	7,140.84	7,140.48	102.75	30.50	-95.43	-2,642.74	-639.06	1,692.58	1,607.61	84.96	19.921		
10,600.00	7,088.13	7,144.12	7,143.75	105.40	30.52	-95.67	-2,642.63	-639.14	1,781.70	1,697.34	84.36	21.121		
10,700.00	7,088.96	7,147.39	7,147.01	108.07	30.53	-95.91	-2,642.53	-639.22	1,871.92	1,788.11	83.81	22.336		
10,800.00	7,089.78	7,150.66	7,150.28	110.75	30.55	-96.14	-2,642.42	-639.30	1,963.08	1,879.77	83.31	23.563		
10,900.00	7,090.61	7,153.93	7,153.55	113.43	30.56	-96.38	-2,642.31	-639.38	2,055.06	1,972.20	82.86	24.801		
11,000.00	7,091.44	7,157.20	7,156.82	116.13	30.58	-96.62	-2,642.21	-639.46	2,147.75	2,065.30	82.46	26.048		
11,100.00	7,092.26	7,160.48	7,160.09	118.83	30.59	-96.86	-2,642.10	-639.54	2,241.07	2,158.98	82.09	27.302		
11,200.00	7,093.09	7,163.75	7,163.36	121.54	30.60	-97.09	-2,641.99	-639.62	2,334.93	2,253.18	81.75	28.562		
11,300.00	7,093.91	7,167.02	7,166.63	124.25	30.62	-97.33	-2,641.89	-639.70	2,429.28	2,347.84	81.44	29.828		
11,400.00	7,094.74	7,170.29	7,169.90	126.98	30.63	-97.56	-2,641.78	-639.78	2,524.06	2,442.89	81.17	31.098		
11,500.00	7,095.57	7,173.57	7,173.17	129.70	30.65	-97.80	-2,641.67	-639.86	2,619.22	2,538.31	80.91	32.371		
11,600.00	7,096.39	7,176.84	7,176.44	132.44	30.66	-98.04	-2,641.57	-639.94	2,714.73	2,634.05	80.68	33.648		
11,700.00	7,097.22	7,180.11	7,179.71	135.18	30.68	-98.27	-2,641.46	-640.02	2,810.55	2,730.08	80.47	34.927		
11,800.00	7,098.04	7,183.38	7,182.98	137.92	30.69	-98.51	-2,641.36	-640.10	2,906.64	2,826.37	80.28	36.208		
11,900.00	7,098.87	7,186.66	7,186.25	140.67	30.70	-98.74	-2,641.25	-640.18	3,002.99	2,922.89	80.10	37.490		
12,000.00	7,099.69	7,189.93	7,189.52	143.43	30.72	-98.98	-2,641.14	-640.26	3,099.56	3,019.62	79.94	38.773		
12,100.00	7,100.52	7,193.20	7,192.79	146.19	30.73	-99.21	-2,641.04	-640.34	3,196.35	3,116.55	79.79	40.058		
12,200.00	7,101.35	7,196.47	7,196.06	148.95	30.75	-99.45	-2,640.93	-640.42	3,293.32	3,213.66	79.66	41.342		
12,300.00	7,102.17	7,199.74	7,199.33	151.71	30.76	-99.68	-2,640.82	-640.50	3,390.46	3,310.92	79.54	42.627		
12,400.00	7,103.00	7,203.02	7,202.60	154.48	30.78	-99.91	-2,640.72	-640.58	3,487.76	3,408.34	79.43	43.912		
12,500.00	7,103.82	7,206.29	7,205.87	157.26	30.79	-100.15	-2,640.61	-640.66	3,585.21	3,505.88	79.32	45.197		
12,600.00	7,104.65	7,209.56	7,209.14	160.03	30.80	-100.38	-2,640.50	-640.74	3,682.79	3,603.56	79.23	46.481		
12,700.00	7,105.48	7,212.83	7,212.41	162.81	30.82	-100.61	-2,640.40	-640.82	3,780.49	3,701.35	79.15	47.765		
12,800.00	7,106.30	7,216.11	7,215.68	165.59	30.83	-100.85	-2,640.29	-640.90	3,878.31	3,799.24	79.07	49.048		
12,900.00	7,107.13	7,219.38	7,218.95	168.38	30.85	-101.08	-2,640.19	-640.98	3,976.24	3,897.24	79.00	50.330		
13,000.00	7,107.95	7,222.65	7,222.22	171.16	30.86	-101.31	-2,640.08	-641.06	4,074.26	3,995.32	78.94	51.611		
13,100.00	7,108.78	7,225.92	7,225.49	173.95	30.88	-101.54	-2,639.97	-641.14	4,172.38	4,093.49	78.89	52.891		
13,200.00	7,109.61	7,229.20	7,228.76	176.74	30.89	-101.78	-2,639.87	-641.22	4,270.58	4,191.74	78.84	54.169		
13,300.00	7,110.43	7,232.47	7,232.02	179.54	30.90	-102.01	-2,639.76	-641.30	4,368.85	4,290.06	78.79	55.446		
13,368.87	7,111.00	7,234.72	7,234.28	181.46	30.91	-102.17	-2,639.69	-641.35	4,436.58	4,357.81	78.77	56.325		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-154.75	-3,705.66	-1,747.84	4,097.37					
100.00	100.00	60.00	60.00	3.28	3.44	-154.75	-3,705.66	-1,747.84	4,097.17	4,090.44	6.73	608.985		
200.00	200.00	160.00	160.00	3.34	5.05	-154.75	-3,705.66	-1,747.84	4,097.17	4,088.78	8.39	488.500		
300.00	299.98	259.98	259.98	3.44	8.03	60.94	-3,705.66	-1,747.84	4,096.32	4,084.85	11.47	357.104		
400.00	399.84	359.84	359.84	3.59	11.30	61.05	-3,705.66	-1,747.84	4,093.78	4,078.89	14.89	274.860		
500.00	499.45	459.45	459.45	3.79	14.67	61.23	-3,705.66	-1,747.84	4,089.56	4,071.11	18.46	221.583		
600.00	598.70	558.70	558.70	4.04	18.06	61.48	-3,705.66	-1,747.84	4,083.69	4,061.59	22.09	184.841		
700.00	697.47	657.47	657.47	4.32	21.46	61.80	-3,705.66	-1,747.84	4,076.18	4,050.41	25.78	158.139		
800.00	795.62	755.62	755.62	4.65	24.85	62.20	-3,705.66	-1,747.84	4,067.10	4,037.61	29.49	137.922		
900.00	893.06	853.06	853.06	5.01	28.23	62.66	-3,705.66	-1,747.84	4,056.47	4,023.25	33.22	122.111		
1,000.00	989.64	949.64	949.64	5.41	31.58	63.20	-3,705.66	-1,747.84	4,044.37	4,007.40	36.96	109.420		
1,100.00	1,085.27	1,045.27	1,045.27	5.85	34.90	63.80	-3,705.66	-1,747.84	4,030.85	3,990.14	40.71	99.014		
1,191.50	1,171.82	1,131.82	1,131.82	6.29	37.91	64.41	-3,705.66	-1,747.84	4,017.30	3,973.16	44.14	91.012		
1,200.00	1,179.82	1,139.82	1,139.82	6.34	38.19	64.44	-3,705.66	-1,747.84	4,016.00	3,971.54	44.46	90.328		
1,300.00	1,273.89	1,233.89	1,233.89	6.85	41.46	64.86	-3,705.66	-1,747.84	4,000.74	3,952.52	48.22	82.967		
1,400.00	1,367.96	1,327.96	1,327.96	7.38	44.73	65.28	-3,705.66	-1,747.84	3,985.71	3,933.71	52.00	76.643		
1,500.00	1,462.03	1,422.03	1,422.03	7.93	48.01	65.70	-3,705.66	-1,747.84	3,970.92	3,915.11	55.80	71.158		
1,600.00	1,556.10	1,516.10	1,516.10	8.49	51.29	66.13	-3,705.66	-1,747.84	3,956.36	3,896.74	59.62	66.360		
1,700.00	1,650.17	1,610.17	1,610.17	9.06	54.56	66.56	-3,705.66	-1,747.84	3,942.04	3,878.59	63.45	62.130		
1,800.00	1,744.24	1,704.24	1,704.24	9.65	57.84	66.99	-3,705.66	-1,747.84	3,927.96	3,860.68	67.29	58.376		
1,900.00	1,838.31	1,801.69	1,798.31	10.23	61.24	67.42	-3,705.66	-1,747.84	3,914.13	3,842.87	71.25	54.933		
2,000.00	1,932.38	1,907.62	1,892.38	10.83	64.93	67.86	-3,705.66	-1,747.84	3,900.54	3,825.01	75.52	51.648		
2,100.00	2,026.45	1,986.45	1,986.45	11.43	67.68	68.30	-3,705.66	-1,747.84	3,887.19	3,808.34	78.85	49.297		
2,200.00	2,120.52	2,080.52	2,080.52	12.03	70.96	68.74	-3,705.66	-1,747.84	3,874.10	3,791.38	82.72	46.833		
2,300.00	2,214.59	2,174.59	2,174.59	12.63	74.24	69.19	-3,705.66	-1,747.84	3,861.27	3,774.67	86.60	44.589		
2,400.00	2,308.66	2,268.66	2,268.66	13.24	77.52	69.64	-3,705.66	-1,747.84	3,848.69	3,758.21	90.48	42.538		
2,500.00	2,402.73	2,362.73	2,362.73	13.86	80.80	70.09	-3,705.66	-1,747.84	3,836.37	3,742.01	94.36	40.657		
2,600.00	2,496.80	2,456.80	2,456.80	14.47	84.09	70.54	-3,705.66	-1,747.84	3,824.31	3,726.06	98.25	38.925		
2,700.00	2,590.87	2,550.87	2,550.87	15.09	87.37	70.99	-3,705.66	-1,747.84	3,812.51	3,710.37	102.14	37.327		
2,800.00	2,684.95	2,644.95	2,644.95	15.71	90.65	71.45	-3,705.66	-1,747.84	3,800.98	3,694.94	106.03	35.847		
2,900.00	2,779.02	2,739.02	2,739.02	16.33	93.93	71.91	-3,705.66	-1,747.84	3,789.72	3,679.78	109.93	34.473		
3,000.00	2,873.09	2,833.09	2,833.09	16.95	97.21	72.37	-3,705.66	-1,747.84	3,778.73	3,664.89	113.83	33.195		
3,100.00	2,967.16	2,927.16	2,927.16	17.57	100.50	72.84	-3,705.66	-1,747.84	3,768.01	3,650.27	117.74	32.003		
3,200.00	3,061.23	3,021.23	3,021.23	18.20	103.78	73.31	-3,705.66	-1,747.84	3,757.57	3,635.92	121.64	30.890		
3,300.00	3,155.30	3,115.30	3,115.30	18.82	107.06	73.78	-3,705.66	-1,747.84	3,747.40	3,621.85	125.55	29.847		
3,400.00	3,249.37	3,209.37	3,209.37	19.45	110.34	74.25	-3,705.66	-1,747.84	3,737.52	3,608.05	129.46	28.869		
3,500.00	3,343.44	3,303.44	3,303.44	20.07	113.63	74.72	-3,705.66	-1,747.84	3,727.92	3,594.54	133.38	27.950		
3,600.00	3,437.51	3,402.49	3,397.51	20.70	117.08	75.20	-3,705.66	-1,747.84	3,718.60	3,581.13	137.47	27.051		
3,700.00	3,531.58	3,508.42	3,491.58	21.33	120.78	75.68	-3,705.66	-1,747.84	3,709.57	3,567.77	141.80	26.161		
3,800.00	3,625.65	3,585.65	3,585.65	21.96	123.47	76.16	-3,705.66	-1,747.84	3,700.83	3,555.70	145.13	25.501		
3,900.00	3,719.72	3,679.72	3,679.72	22.59	126.76	76.64	-3,705.66	-1,747.84	3,692.38	3,543.33	149.05	24.773		
4,000.00	3,813.79	3,773.79	3,773.79	23.22	130.04	77.12	-3,705.66	-1,747.84	3,684.22	3,531.25	152.97	24.085		
4,100.00	3,907.86	3,867.86	3,867.86	23.85	133.32	77.61	-3,705.66	-1,747.84	3,676.36	3,519.47	156.89	23.433		
4,200.00	4,001.93	3,961.93	3,961.93	24.48	136.61	78.10	-3,705.66	-1,747.84	3,668.80	3,507.98	160.82	22.814		
4,300.00	4,096.00	4,056.00	4,056.00	25.11	139.89	78.59	-3,705.66	-1,747.84	3,661.53	3,496.79	164.74	22.226		
4,400.00	4,190.07	4,150.07	4,150.07	25.75	143.17	79.08	-3,705.66	-1,747.84	3,654.56	3,485.90	168.67	21.667		
4,500.00	4,284.14	4,244.14	4,244.14	26.38	146.45	79.57	-3,705.66	-1,747.84	3,647.90	3,475.31	172.59	21.136		
4,600.00	4,378.21	4,338.21	4,338.21	27.01	149.74	80.07	-3,705.66	-1,747.84	3,641.54	3,465.02	176.52	20.629		
4,700.00	4,472.28	4,432.28	4,432.28	27.65	153.02	80.56	-3,705.66	-1,747.84	3,635.49	3,455.04	180.45	20.147		
4,800.00	4,566.35	4,526.35	4,526.35	28.28	156.30	81.06	-3,705.66	-1,747.84	3,629.74	3,445.36	184.38	19.686		
4,900.00	4,660.42	4,620.42	4,620.42	28.91	159.59	81.56	-3,705.66	-1,747.84	3,624.30	3,435.99	188.31	19.247		
5,000.00	4,754.49	4,714.49	4,714.49	29.55	162.87	82.06	-3,705.66	-1,747.84	3,619.17	3,426.93	192.24	18.826		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,808.56	4,808.56	30.18	166.15	82.56	-3,705.66	-1,747.84	3,614.35	3,418.18	196.17	18.425		
5,200.00	4,942.63	4,902.63	4,902.63	30.82	169.44	83.07	-3,705.66	-1,747.84	3,609.85	3,409.74	200.10	18.040		
5,300.00	5,036.70	5,003.30	4,996.70	31.45	172.95	83.57	-3,705.66	-1,747.84	3,605.65	3,401.39	204.26	17.652		
5,400.00	5,130.77	5,109.23	5,090.77	32.09	176.65	84.07	-3,705.66	-1,747.84	3,601.78	3,393.17	208.61	17.266		
5,500.00	5,224.84	5,184.84	5,184.84	32.72	179.29	84.58	-3,705.66	-1,747.84	3,598.21	3,386.32	211.89	16.981		
5,600.00	5,318.91	5,278.91	5,278.91	33.36	182.57	85.09	-3,705.66	-1,747.84	3,594.97	3,379.14	215.83	16.657		
5,700.00	5,412.98	5,372.98	5,372.98	33.99	185.85	85.59	-3,705.66	-1,747.84	3,592.04	3,372.28	219.76	16.346		
5,800.00	5,507.06	5,467.06	5,467.06	34.63	189.14	86.10	-3,705.66	-1,747.84	3,589.43	3,365.74	223.69	16.047		
5,900.00	5,601.13	5,561.13	5,561.13	35.26	192.42	86.61	-3,705.66	-1,747.84	3,587.14	3,359.52	227.62	15.760		
6,000.00	5,695.20	5,655.20	5,655.20	35.90	195.71	87.12	-3,705.66	-1,747.84	3,585.17	3,353.62	231.55	15.484		
6,100.00	5,789.27	5,749.27	5,749.27	36.54	198.99	87.63	-3,705.66	-1,747.84	3,583.52	3,348.04	235.48	15.218		
6,200.00	5,883.34	5,843.34	5,843.34	37.17	202.27	88.14	-3,705.66	-1,747.84	3,582.19	3,342.78	239.41	14.963		
6,300.00	5,977.41	5,937.41	5,937.41	37.81	205.56	88.65	-3,705.66	-1,747.84	3,581.18	3,337.84	243.33	14.717		
6,400.00	6,071.48	6,031.48	6,031.48	38.44	208.84	89.16	-3,705.66	-1,747.84	3,580.49	3,333.23	247.26	14.481		
6,500.00	6,165.55	6,125.55	6,125.55	39.08	212.12	89.67	-3,705.66	-1,747.84	3,580.12	3,328.93	251.19	14.253		
6,564.31	6,226.04	6,186.04	6,186.04	39.49	214.23	90.00	-3,705.66	-1,747.84	3,580.05	3,326.34	253.71	14.111		
6,600.00	6,259.62	6,219.62	6,219.62	39.72	215.41	90.18	-3,705.66	-1,747.84	3,580.07	3,324.96	255.11	14.033		
6,677.33	6,332.36	6,307.64	6,292.36	40.21	218.48	90.58	-3,705.66	-1,747.84	3,580.26	3,321.58	258.68	13.840		
6,700.00	6,353.76	6,313.76	6,313.76	40.35	218.69	85.72	-3,705.66	-1,747.84	3,580.01	3,320.98	259.04	13.820		
6,750.00	6,401.37	6,361.37	6,361.37	40.64	220.35	72.92	-3,705.66	-1,747.84	3,577.15	3,316.16	260.99	13.706		
6,800.00	6,449.30	6,409.30	6,409.30	40.89	222.03	57.89	-3,705.66	-1,747.84	3,571.07	3,308.16	262.92	13.583		
6,850.00	6,497.25	6,457.25	6,457.25	41.11	223.70	42.46	-3,705.66	-1,747.84	3,561.81	3,297.00	264.81	13.451		
6,900.00	6,544.95	6,504.95	6,504.95	41.29	225.37	28.57	-3,705.66	-1,747.84	3,549.39	3,282.73	266.65	13.311		
6,950.00	6,592.08	6,552.08	6,552.08	41.45	227.01	17.11	-3,705.66	-1,747.84	3,533.87	3,265.42	268.45	13.164		
7,000.00	6,638.35	6,601.65	6,598.35	41.58	228.74	7.93	-3,705.66	-1,747.84	3,515.35	3,245.03	270.32	13.004		
7,050.00	6,683.50	6,643.50	6,643.50	41.70	230.20	0.48	-3,705.66	-1,747.84	3,493.92	3,222.02	271.90	12.850		
7,100.00	6,727.22	6,687.22	6,687.22	41.81	231.73	-5.79	-3,705.66	-1,747.84	3,469.72	3,196.18	273.54	12.684		
7,150.00	6,769.26	6,729.26	6,729.26	41.92	233.20	-11.33	-3,705.66	-1,747.84	3,442.90	3,167.78	275.12	12.514		
7,200.00	6,809.36	6,769.36	6,769.36	42.03	234.60	-16.47	-3,705.66	-1,747.84	3,413.62	3,137.00	276.63	12.340		
7,250.00	6,847.27	6,807.27	6,807.27	42.15	235.92	-21.47	-3,705.66	-1,747.84	3,382.09	3,104.03	278.07	12.163		
7,300.00	6,882.75	6,842.75	6,842.75	42.27	237.16	-26.52	-3,705.66	-1,747.84	3,348.52	3,069.09	279.42	11.984		
7,350.00	6,915.58	6,875.58	6,875.58	42.41	238.30	-31.78	-3,705.66	-1,747.84	3,313.12	3,032.42	280.70	11.803		
7,400.00	6,945.57	6,905.57	6,905.57	42.57	239.35	-37.37	-3,705.66	-1,747.84	3,276.16	2,994.27	281.89	11.622		
7,450.00	6,972.53	6,932.53	6,932.53	42.75	240.29	-43.36	-3,705.66	-1,747.84	3,237.89	2,954.90	282.98	11.442		
7,500.00	6,996.30	6,956.30	6,956.30	42.95	241.12	-49.77	-3,705.66	-1,747.84	3,198.57	2,914.58	283.99	11.263		
7,550.00	7,016.72	6,976.72	6,976.72	43.17	241.83	-56.54	-3,705.66	-1,747.84	3,158.50	2,873.61	284.89	11.087		
7,600.00	7,033.66	7,006.34	6,993.66	43.43	242.87	-63.53	-3,705.66	-1,747.84	3,117.96	2,831.82	286.13	10.897		
7,650.00	7,047.04	7,007.04	7,007.04	43.72	242.89	-70.55	-3,705.66	-1,747.84	3,077.24	2,790.85	286.39	10.745		
7,700.00	7,056.76	7,016.76	7,016.76	44.05	243.23	-77.35	-3,705.66	-1,747.84	3,036.65	2,749.67	286.99	10.581		
7,750.00	7,062.76	7,022.76	7,022.76	44.41	243.44	-83.72	-3,705.66	-1,747.84	2,996.48	2,709.01	287.47	10.423		
7,799.36	7,065.00	7,025.00	7,025.00	44.81	243.52	-89.41	-3,705.66	-1,747.84	2,957.52	2,669.67	287.85	10.274		
7,900.00	7,065.83	7,025.83	7,025.83	45.73	243.55	-89.44	-3,705.66	-1,747.84	2,879.66	2,591.09	288.57	9.979		
8,000.00	7,066.66	7,026.66	7,026.66	46.83	243.58	-89.46	-3,705.66	-1,747.84	2,803.74	2,514.32	289.42	9.688		
8,100.00	7,067.49	7,027.49	7,027.49	48.11	243.61	-89.49	-3,705.66	-1,747.84	2,729.37	2,438.98	290.39	9.399		
8,200.00	7,068.31	7,028.31	7,028.31	49.55	243.64	-89.51	-3,705.66	-1,747.84	2,656.68	2,365.17	291.50	9.114		
8,300.00	7,069.14	7,029.14	7,029.14	51.14	243.66	-89.54	-3,705.66	-1,747.84	2,585.81	2,293.05	292.76	8.832		
8,400.00	7,069.96	7,029.96	7,029.96	52.86	243.69	-89.56	-3,705.66	-1,747.84	2,516.93	2,222.74	294.18	8.556		
8,500.00	7,070.79	7,030.79	7,030.79	54.70	243.72	-89.59	-3,705.66	-1,747.84	2,450.18	2,154.42	295.76	8.284		
8,600.00	7,071.61	7,031.61	7,031.61	56.64	243.75	-89.61	-3,705.66	-1,747.84	2,385.77	2,088.26	297.51	8.019		
8,700.00	7,072.44	7,032.44	7,032.44	58.68	243.78	-89.64	-3,705.66	-1,747.84	2,323.87	2,024.45	299.42	7.761		
8,800.00	7,073.27	7,033.27	7,033.27	60.78	243.81	-89.67	-3,705.66	-1,747.84	2,264.70	1,963.20	301.50	7.511		
8,900.00	7,074.09	7,034.09	7,034.09	62.96	243.84	-89.69	-3,705.66	-1,747.84	2,208.47	1,904.73	303.74	7.271		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	7,034.92	7,034.92	65.19	243.87	-89.72	-3,705.66	-1,747.84	2,155.42	1,849.28	306.14	7.041		
9,100.00	7,075.74	7,035.74	7,035.74	67.48	243.89	-89.74	-3,705.66	-1,747.84	2,105.78	1,797.10	308.68	6.822		
9,200.00	7,076.57	7,036.57	7,036.57	69.82	243.92	-89.77	-3,705.66	-1,747.84	2,059.80	1,748.46	311.34	6.616		
9,300.00	7,077.40	7,037.40	7,037.40	72.19	243.95	-89.79	-3,705.66	-1,747.84	2,017.74	1,703.63	314.11	6.424		
9,400.00	7,078.22	7,038.22	7,038.22	74.61	243.98	-89.82	-3,705.66	-1,747.84	1,979.83	1,662.88	316.95	6.246		
9,500.00	7,079.05	7,039.05	7,039.05	77.05	244.01	-89.84	-3,705.66	-1,747.84	1,946.33	1,626.48	319.85	6.085		
9,600.00	7,079.87	7,039.87	7,039.87	79.53	244.04	-89.87	-3,705.66	-1,747.84	1,917.47	1,594.71	322.76	5.941		
9,700.00	7,080.70	7,040.70	7,040.70	82.03	244.07	-89.90	-3,705.66	-1,747.84	1,893.45	1,567.80	325.64	5.814		
9,800.00	7,081.53	7,041.53	7,041.53	84.55	244.10	-89.92	-3,705.66	-1,747.84	1,874.47	1,545.99	328.47	5.707		
9,900.00	7,082.35	7,042.35	7,042.35	87.10	244.13	-89.95	-3,705.66	-1,747.84	1,860.67	1,529.46	331.20	5.618		
10,000.00	7,083.18	7,043.18	7,043.18	89.67	244.15	-89.97	-3,705.66	-1,747.84	1,852.18	1,518.37	333.80	5.549		
10,100.00	7,084.00	7,044.00	7,044.00	92.25	244.18	-90.00	-3,705.66	-1,747.84	1,849.06	1,512.83	336.23	5.499		
10,107.67	7,084.07	7,044.07	7,044.07	92.45	244.19	-90.00	-3,705.66	-1,747.84	1,849.04	1,512.63	336.41	5.496 CC, ES		
10,200.00	7,084.83	7,044.83	7,044.83	94.86	244.21	-90.02	-3,705.66	-1,747.84	1,851.35	1,512.88	338.47	5.470		
10,300.00	7,085.65	7,045.65	7,045.65	97.47	244.24	-90.05	-3,705.66	-1,747.84	1,859.02	1,518.54	340.48	5.460 SF		
10,400.00	7,086.48	7,046.48	7,046.48	100.10	244.27	-90.07	-3,705.66	-1,747.84	1,872.01	1,529.75	342.26	5.470		
10,500.00	7,087.31	7,047.31	7,047.31	102.75	244.30	-90.10	-3,705.66	-1,747.84	1,890.21	1,546.40	343.80	5.498		
10,600.00	7,088.13	7,048.13	7,048.13	105.40	244.33	-90.13	-3,705.66	-1,747.84	1,913.46	1,568.36	345.10	5.545		
10,700.00	7,088.96	7,048.96	7,048.96	108.07	244.36	-90.15	-3,705.66	-1,747.84	1,941.60	1,595.44	346.15	5.609		
10,800.00	7,089.78	7,049.78	7,049.78	110.75	244.38	-90.18	-3,705.66	-1,747.84	1,974.40	1,627.42	346.98	5.690		
10,900.00	7,090.61	7,050.61	7,050.61	113.43	244.41	-90.20	-3,705.66	-1,747.84	2,011.64	1,664.05	347.59	5.787		
11,000.00	7,091.44	7,051.44	7,051.44	116.13	244.44	-90.23	-3,705.66	-1,747.84	2,053.09	1,705.08	348.01	5.900		
11,100.00	7,092.26	7,052.26	7,052.26	118.83	244.47	-90.25	-3,705.66	-1,747.84	2,098.48	1,750.23	348.25	6.026		
11,200.00	7,093.09	7,053.09	7,053.09	121.54	244.50	-90.28	-3,705.66	-1,747.84	2,147.57	1,799.24	348.33	6.165		
11,300.00	7,093.91	7,053.91	7,053.91	124.25	244.53	-90.31	-3,705.66	-1,747.84	2,200.12	1,851.84	348.27	6.317		
11,400.00	7,094.74	7,054.74	7,054.74	126.98	244.56	-90.33	-3,705.66	-1,747.84	2,255.87	1,907.77	348.10	6.481		
11,500.00	7,095.57	7,055.57	7,055.57	129.70	244.59	-90.36	-3,705.66	-1,747.84	2,314.61	1,966.78	347.83	6.655		
11,600.00	7,096.39	7,056.39	7,056.39	132.44	244.62	-90.38	-3,705.66	-1,747.84	2,376.10	2,028.63	347.47	6.838		
11,700.00	7,097.22	7,057.22	7,057.22	135.18	244.64	-90.41	-3,705.66	-1,747.84	2,440.14	2,093.10	347.04	7.031		
11,800.00	7,098.04	7,058.04	7,058.04	137.92	244.67	-90.43	-3,705.66	-1,747.84	2,506.54	2,159.97	346.57	7.233		
11,900.00	7,098.87	7,058.87	7,058.87	140.67	244.70	-90.46	-3,705.66	-1,747.84	2,575.11	2,229.06	346.04	7.442		
12,000.00	7,099.69	7,059.69	7,059.69	143.43	244.73	-90.48	-3,705.66	-1,747.84	2,645.68	2,300.19	345.49	7.658		
12,100.00	7,100.52	7,060.52	7,060.52	146.19	244.76	-90.51	-3,705.66	-1,747.84	2,718.10	2,373.19	344.91	7.881		
12,200.00	7,101.35	7,061.35	7,061.35	148.95	244.79	-90.54	-3,705.66	-1,747.84	2,792.22	2,447.90	344.32	8.109		
12,300.00	7,102.17	7,062.17	7,062.17	151.71	244.82	-90.56	-3,705.66	-1,747.84	2,867.92	2,524.20	343.72	8.344		
12,400.00	7,103.00	7,063.00	7,063.00	154.48	244.85	-90.59	-3,705.66	-1,747.84	2,945.06	2,601.95	343.11	8.583		
12,500.00	7,103.82	7,063.82	7,063.82	157.26	244.88	-90.61	-3,705.66	-1,747.84	3,023.54	2,681.04	342.50	8.828		
12,600.00	7,104.65	7,064.65	7,064.65	160.03	244.90	-90.64	-3,705.66	-1,747.84	3,103.26	2,761.36	341.90	9.077		
12,700.00	7,105.48	7,065.48	7,065.48	162.81	244.93	-90.66	-3,705.66	-1,747.84	3,184.13	2,842.83	341.30	9.329		
12,800.00	7,106.30	7,066.30	7,066.30	165.59	244.96	-90.69	-3,705.66	-1,747.84	3,266.05	2,925.34	340.71	9.586		
12,900.00	7,107.13	7,067.13	7,067.13	168.38	244.99	-90.71	-3,705.66	-1,747.84	3,348.96	3,008.83	340.13	9.846		
13,000.00	7,107.95	7,067.95	7,067.95	171.16	245.02	-90.74	-3,705.66	-1,747.84	3,432.78	3,093.21	339.56	10.109		
13,100.00	7,108.78	7,068.78	7,068.78	173.95	245.05	-90.77	-3,705.66	-1,747.84	3,517.44	3,178.43	339.01	10.376		
13,200.00	7,109.61	7,069.61	7,069.61	176.74	245.08	-90.79	-3,705.66	-1,747.84	3,602.89	3,264.42	338.47	10.645		
13,300.00	7,110.43	7,070.43	7,070.43	179.54	245.11	-90.82	-3,705.66	-1,747.84	3,689.07	3,351.12	337.95	10.916		
13,368.87	7,111.00	7,071.00	7,071.00	181.46	245.13	-90.83	-3,705.66	-1,747.84	3,748.82	3,411.22	337.59	11.105		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 342-MWD+IFR1													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	0.00	137.45	-552.64	507.26	750.23					
100.00	100.00	93.68	93.68	3.28	0.21	137.48	-552.67	506.80	749.88	746.38	3.49	214.717		
200.00	200.00	198.92	198.91	3.34	0.44	137.58	-552.78	505.16	748.90	745.12	3.78	198.234		
300.00	299.98	304.06	304.01	3.44	0.68	-6.63	-552.97	502.34	745.50	741.38	4.12	181.055		
400.00	399.84	412.74	412.63	3.59	1.07	-6.51	-552.51	498.76	737.78	733.11	4.68	157.810		
500.00	499.45	516.38	516.20	3.79	1.52	-6.62	-549.78	496.20	725.53	720.20	5.33	136.084		
600.00	598.70	617.78	617.51	4.04	1.96	-6.85	-546.18	494.12	709.45	703.44	6.02	117.943		
700.00	697.47	718.33	717.95	4.32	2.40	-7.20	-541.75	492.43	689.61	682.88	6.73	102.481		
800.00	795.62	817.85	817.32	4.65	2.83	-7.71	-536.51	491.13	666.05	658.58	7.47	89.194		
900.00	893.06	914.66	913.97	5.01	3.25	-8.34	-530.95	490.11	639.01	630.79	8.22	77.744		
1,000.00	989.64	1,013.82	1,012.94	5.41	3.69	-9.11	-525.01	488.62	608.26	599.25	9.01	67.533		
1,100.00	1,085.27	1,112.57	1,111.51	5.85	4.12	-9.86	-520.03	485.59	573.94	564.13	9.81	58.495		
1,191.50	1,171.82	1,216.87	1,215.43	6.29	4.59	-10.73	-513.58	479.62	537.48	526.86	10.62	50.615		
1,200.00	1,179.82	1,226.00	1,224.51	6.34	4.63	-10.80	-512.89	478.99	533.83	523.13	10.70	49.900		
1,300.00	1,273.89	1,331.66	1,329.40	6.85	5.10	-11.84	-503.16	470.75	489.38	477.86	11.52	42.467		
1,400.00	1,367.96	1,433.78	1,430.29	7.38	5.56	-13.35	-490.29	461.69	442.28	429.95	12.33	35.873		
1,500.00	1,462.03	1,528.04	1,522.93	7.93	6.00	-15.47	-475.26	452.90	393.14	380.02	13.12	29.969		
1,600.00	1,556.10	1,612.86	1,606.00	8.49	6.39	-18.32	-459.66	445.78	343.73	329.81	13.92	24.690		
1,700.00	1,650.17	1,703.27	1,694.41	9.06	6.80	-22.61	-442.09	438.92	295.31	280.56	14.76	20.013		
1,800.00	1,744.24	1,787.75	1,776.83	9.65	7.20	-28.10	-425.07	431.58	247.36	231.69	15.67	15.786		
1,900.00	1,838.31	1,872.25	1,859.43	10.23	7.60	-35.52	-409.11	423.60	202.03	185.34	16.69	12.103		
2,000.00	1,932.38	1,955.44	1,940.84	10.83	7.99	-46.10	-393.65	416.29	161.98	144.05	17.92	9.037		
2,100.00	2,026.45	2,039.90	2,023.40	11.43	8.40	-61.86	-377.15	409.59	131.69	112.28	19.41	6.786		
2,200.00	2,120.52	2,126.46	2,107.99	12.03	8.81	-82.71	-360.24	402.59	118.20	97.37	20.82	5.676		
2,214.81	2,134.46	2,139.39	2,120.66	12.12	8.87	-85.99	-357.84	401.47	117.96	96.97	20.99	5.621 CC, ES, SF		
2,300.00	2,214.59	2,211.02	2,190.79	12.63	9.21	-103.48	-344.55	395.60	126.37	104.81	21.56	5.860		
2,400.00	2,308.66	2,294.14	2,272.17	13.24	9.61	-119.89	-328.63	389.71	153.78	131.97	21.81	7.051		
2,500.00	2,402.73	2,380.44	2,356.60	13.86	10.02	-131.62	-311.48	384.69	192.42	170.23	22.19	8.670		
2,600.00	2,496.80	2,466.98	2,441.46	14.47	10.43	-139.60	-295.28	379.70	235.25	212.52	22.73	10.350		
2,700.00	2,590.87	2,549.34	2,522.14	15.09	10.83	-144.89	-279.31	375.34	281.41	258.13	23.28	12.090		
2,800.00	2,684.95	2,631.88	2,602.74	15.71	11.22	-148.74	-262.04	371.09	330.44	306.54	23.90	13.824		
2,900.00	2,779.02	2,719.32	2,688.20	16.33	11.64	-151.87	-244.19	366.28	380.04	355.35	24.69	15.394		
3,000.00	2,873.09	2,800.63	2,767.57	16.95	12.04	-154.25	-227.40	360.88	430.70	405.34	25.36	16.981		
3,100.00	2,967.16	2,890.23	2,855.06	17.57	12.47	-156.45	-209.26	354.17	481.71	455.49	26.23	18.366		
3,200.00	3,061.23	2,975.68	2,938.57	18.20	12.89	-158.23	-192.58	347.16	532.69	505.68	27.02	19.716		
3,300.00	3,155.30	3,080.25	3,041.12	18.82	13.40	-160.09	-174.14	338.42	582.49	554.35	28.14	20.697		
3,400.00	3,249.37	3,178.81	3,138.25	19.45	13.86	-161.57	-159.32	330.64	630.25	601.11	29.14	21.629		
3,500.00	3,343.44	3,275.62	3,233.90	20.07	14.31	-162.70	-145.77	324.43	676.93	646.83	30.10	22.488		
3,600.00	3,437.51	3,382.87	3,340.20	20.70	14.80	-163.78	-132.83	318.37	721.90	690.71	31.19	23.143		
3,700.00	3,531.58	3,493.03	3,449.72	21.33	15.30	-164.76	-122.47	312.89	764.54	732.24	32.29	23.676		
3,800.00	3,625.65	3,598.94	3,555.27	21.96	15.76	-165.59	-114.87	308.45	805.13	771.81	33.32	24.165		
3,900.00	3,719.72	3,724.44	3,680.56	22.59	16.30	-166.29	-107.99	306.80	843.44	808.93	34.52	24.434		
4,000.00	3,813.79	3,825.51	3,781.56	23.22	16.72	-166.70	-104.33	307.70	879.35	843.88	35.46	24.797		
4,100.00	3,907.86	3,919.33	3,875.32	23.85	17.11	-167.03	-101.24	308.94	914.84	878.50	36.34	25.175		
4,200.00	4,001.93	4,018.60	3,974.55	24.48	17.52	-167.42	-98.80	309.54	949.91	912.65	37.26	25.491		
4,300.00	4,096.00	4,115.18	4,071.12	25.11	17.93	-167.84	-97.28	309.24	984.60	946.43	38.17	25.797		
4,400.00	4,190.07	4,215.51	4,171.44	25.75	18.34	-168.26	-96.08	308.93	1,019.04	979.94	39.10	26.063		
4,500.00	4,284.14	4,321.35	4,277.27	26.38	18.76	-168.76	-96.67	307.61	1,052.35	1,012.29	40.06	26.270		
4,600.00	4,378.21	4,423.83	4,379.71	27.01	19.16	-169.28	-98.35	305.66	1,085.10	1,044.12	40.98	26.480		
4,700.00	4,472.28	4,536.77	4,492.61	27.65	19.60	-169.79	-101.37	304.37	1,116.72	1,074.76	41.96	26.611		
4,800.00	4,566.35	4,626.61	4,582.40	28.28	19.95	-170.18	-104.47	303.80	1,147.53	1,104.74	42.79	26.820		
4,900.00	4,660.42	4,708.73	4,664.49	28.91	20.27	-170.48	-106.31	303.48	1,179.29	1,135.74	43.55	27.077		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 342-MWD+IFR1													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,797.31	4,753.07	29.55	20.62	-170.74	-107.10	303.65	1,211.96	1,167.60	44.37	27.317		
5,100.00	4,848.56	4,892.49	4,848.24	30.18	21.00	-170.98	-107.66	304.25	1,244.73	1,199.50	45.23	27.517		
5,200.00	4,942.63	4,986.72	4,944.46	30.82	21.38	-171.21	-108.36	304.84	1,277.42	1,231.31	46.11	27.702		
5,300.00	5,036.70	5,080.64	5,041.38	31.45	21.76	-171.45	-109.39	305.17	1,309.97	1,262.97	47.00	27.874		
5,400.00	5,130.77	5,172.60	5,128.33	32.09	22.11	-171.67	-110.40	305.24	1,342.56	1,294.75	47.81	28.082		
5,500.00	5,224.84	5,252.71	5,208.44	32.72	22.44	-171.88	-110.94	304.45	1,376.06	1,327.49	48.57	28.332		
5,600.00	5,318.91	5,334.30	5,290.03	33.36	22.78	-172.07	-110.46	303.80	1,410.52	1,361.17	49.35	28.583		
5,700.00	5,412.98	5,421.53	5,377.25	33.99	23.15	-172.24	-109.33	303.16	1,445.56	1,395.37	50.18	28.806		
5,800.00	5,507.06	5,510.09	5,465.78	34.63	23.52	-172.45	-108.25	301.50	1,481.06	1,430.03	51.03	29.025		
5,900.00	5,601.13	5,650.11	5,605.79	35.26	24.11	-172.73	-107.97	300.31	1,515.32	1,463.00	52.32	28.963		
6,000.00	5,695.20	5,753.70	5,709.37	35.90	24.53	-172.93	-109.77	300.74	1,547.35	1,494.08	53.27	29.047		
6,100.00	5,789.27	5,838.79	5,794.45	36.54	24.87	-173.08	-110.98	300.87	1,579.79	1,525.72	54.07	29.217		
6,200.00	5,883.34	5,924.24	5,879.88	37.17	25.22	-173.17	-110.95	302.22	1,612.81	1,557.93	54.88	29.388		
6,300.00	5,977.41	6,011.05	5,966.69	37.81	25.58	-173.26	-110.68	303.09	1,646.31	1,590.60	55.70	29.556		
6,400.00	6,071.48	6,103.30	6,058.94	38.44	25.96	-173.37	-110.23	303.66	1,680.14	1,623.57	56.57	29.700		
6,500.00	6,165.55	6,204.88	6,160.51	39.08	26.38	-173.50	-110.17	303.97	1,713.77	1,656.26	57.52	29.796		
6,600.00	6,259.62	6,299.99	6,255.62	39.72	26.77	-173.63	-110.65	304.08	1,747.04	1,688.63	58.41	29.912		
6,677.33	6,332.36	6,367.89	6,323.52	40.21	27.05	-173.73	-110.92	303.97	1,772.95	1,713.90	59.05	30.026		
6,700.00	6,353.76	6,388.22	6,343.85	40.35	27.14	-173.33	-110.97	303.91	1,780.40	1,721.16	59.24	30.055		
6,750.00	6,401.37	7,826.03	7,237.97	40.64	36.76	-167.29	-95.75	1,119.68	1,789.86	1,723.67	66.19	27.042		
6,800.00	6,449.30	7,830.03	7,238.10	40.89	36.82	-178.80	-95.64	1,123.67	1,780.25	1,713.05	67.20	26.492		
6,850.00	6,497.25	7,829.46	7,238.08	41.11	36.81	-164.42	-95.65	1,123.10	1,771.81	1,703.72	68.09	26.022		
6,900.00	6,544.95	7,824.11	7,237.91	41.29	36.73	-151.53	-95.81	1,117.76	1,764.61	1,695.76	68.85	25.630		
6,950.00	6,592.08	7,813.80	7,237.60	41.45	36.57	-141.01	-96.13	1,107.45	1,758.68	1,689.20	69.47	25.314		
7,000.00	6,638.35	7,798.96	7,237.18	41.58	36.34	-132.77	-96.64	1,092.63	1,753.98	1,684.01	69.97	25.067		
7,050.00	6,683.50	7,782.11	7,236.71	41.70	36.09	-126.36	-97.22	1,075.80	1,750.48	1,680.08	70.40	24.863		
7,100.00	6,727.22	7,761.62	7,236.11	41.81	35.80	-121.24	-97.93	1,055.33	1,748.11	1,677.37	70.73	24.715		
7,150.00	6,769.26	7,737.65	7,235.35	41.92	35.46	-117.03	-98.75	1,031.39	1,746.75	1,675.80	70.96	24.617		
7,200.00	6,809.36	7,710.38	7,234.43	42.03	35.07	-113.47	-99.68	1,004.15	1,746.30	1,675.20	71.09	24.564		
7,203.32	6,811.95	7,709.00	7,234.38	42.04	35.05	-113.26	-99.73	1,002.77	1,746.29	1,675.18	71.11	24.558		
7,250.00	6,847.27	7,709.00	7,234.38	42.15	35.05	-111.13	-99.73	1,002.77	1,746.82	1,675.17	71.65	24.378		
7,300.00	6,882.75	7,683.56	7,233.51	42.27	34.72	-108.55	-100.33	977.35	1,748.10	1,676.29	71.81	24.342		
7,350.00	6,915.58	7,657.00	7,232.62	42.41	34.37	-106.29	-100.40	950.81	1,750.45	1,678.50	71.95	24.329		
7,400.00	6,945.57	7,646.60	7,232.25	42.57	34.25	-104.62	-100.31	940.42	1,753.38	1,681.01	72.37	24.228		
7,450.00	6,972.53	7,602.84	7,230.29	42.75	33.73	-102.52	-99.94	896.70	1,756.67	1,684.38	72.29	24.301		
7,500.00	6,996.30	7,528.46	7,224.33	42.95	32.91	-100.13	-99.38	822.59	1,759.85	1,688.06	71.79	24.513		
7,550.00	7,016.72	7,356.57	7,175.99	43.17	31.38	-95.76	-102.44	658.14	1,760.57	1,690.38	70.19	25.084		
7,600.00	7,033.66	7,269.93	7,136.03	43.43	30.82	-93.29	-106.65	581.48	1,759.29	1,689.45	69.85	25.187		
7,650.00	7,047.04	7,243.89	7,121.53	43.72	30.68	-92.42	-107.88	559.88	1,757.68	1,687.41	70.27	25.015		
7,700.00	7,056.76	7,219.15	7,106.55	44.05	30.55	-91.71	-108.80	540.23	1,756.04	1,685.30	70.74	24.824		
7,750.00	7,062.76	7,750.00	7,081.74	44.41	33.07	-90.80	-109.78	512.76	1,754.38	1,680.55	73.83	23.762		
7,799.36	7,065.00	7,155.52	7,063.17	44.81	30.25	-90.28	-110.35	493.76	1,752.54	1,680.89	71.65	24.460		
7,900.00	7,065.83	7,093.00	7,015.54	45.73	29.98	-88.71	-112.07	453.35	1,749.64	1,676.90	72.74	24.053		
7,923.74	7,066.03	7,075.74	7,001.66	45.98	29.91	-88.25	-112.54	443.11	1,749.46	1,676.46	73.00	23.964		
8,000.00	7,066.66	7,052.29	6,982.41	46.83	29.82	-87.62	-112.98	429.72	1,750.83	1,676.63	74.20	23.596		
8,100.00	7,067.49	7,024.71	6,959.22	48.11	29.71	-86.85	-113.19	414.80	1,756.84	1,680.95	75.89	23.149		
8,200.00	7,068.31	6,999.00	6,937.09	49.55	29.61	-86.13	-113.11	401.71	1,767.74	1,690.09	77.65	22.766		
8,300.00	7,069.14	6,972.66	6,913.97	51.14	29.51	-85.37	-112.81	389.10	1,783.47	1,704.06	79.41	22.459		
8,400.00	7,069.96	6,948.18	6,892.10	52.86	29.41	-84.66	-112.44	378.09	1,803.95	1,722.79	81.16	22.226		
8,500.00	7,070.79	6,926.59	6,872.55	54.70	29.33	-84.02	-112.03	368.98	1,829.14	1,746.24	82.90	22.065		
8,600.00	7,071.61	6,914.15	6,861.16	56.64	29.28	-83.65	-111.80	363.97	1,858.92	1,774.27	84.65	21.960		
8,700.00	7,072.44	6,867.60	6,817.88	58.68	29.10	-82.26	-111.03	346.85	1,892.99	1,807.06	85.94	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 30N-14B-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30N-14B-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 342-MWD+IFR1													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,073.27	6,832.46	6,784.60	60.78	28.96	81.19	-111.33	335.58	1,930.95	1,843.71	87.24	22.135		
8,900.00	7,074.09	6,812.00	6,765.02	62.96	28.88	80.56	-111.84	329.70	1,972.79	1,884.21	88.59	22.269		
9,000.00	7,074.92	6,812.00	6,765.02	65.19	28.88	80.56	-111.84	329.70	2,018.63	1,928.59	90.04	22.418		
9,100.00	7,075.74	6,812.00	6,765.02	67.48	28.88	80.56	-111.84	329.70	2,068.29	1,976.93	91.37	22.638		
9,200.00	7,076.57	6,812.00	6,765.02	69.82	28.88	80.56	-111.84	329.70	2,121.51	2,028.95	92.56	22.921		
9,300.00	7,077.40	6,812.00	6,765.02	72.19	28.88	80.56	-111.84	329.70	2,178.02	2,084.39	93.63	23.262		
9,400.00	7,078.22	6,775.78	6,729.98	74.61	28.74	79.44	-112.61	320.57	2,236.43	2,142.16	94.27	23.724		
9,500.00	7,079.05	6,770.32	6,724.66	77.05	28.72	79.27	-112.66	319.34	2,298.41	2,203.32	95.09	24.171		
9,600.00	7,079.87	6,765.21	6,719.67	79.53	28.70	79.11	-112.69	318.23	2,362.95	2,267.13	95.82	24.660		
9,700.00	7,080.70	6,760.41	6,714.98	82.03	28.68	78.96	-112.70	317.22	2,429.85	2,333.38	96.47	25.188		
9,800.00	7,081.53	6,755.90	6,710.56	84.55	28.66	78.82	-112.71	316.29	2,498.93	2,401.88	97.04	25.750		
9,900.00	7,082.35	6,718.00	6,673.27	87.10	28.51	77.65	-112.26	309.60	2,571.01	2,473.72	97.29	26.425		
10,000.00	7,083.18	6,718.00	6,673.27	89.67	28.51	77.65	-112.26	309.60	2,643.71	2,545.93	97.78	27.037		
10,100.00	7,084.00	6,718.00	6,673.27	92.25	28.51	77.65	-112.26	309.60	2,718.14	2,619.93	98.21	27.677		
10,200.00	7,084.83	6,718.00	6,673.27	94.86	28.51	77.65	-112.26	309.60	2,794.17	2,695.58	98.59	28.343		
10,300.00	7,085.65	6,718.00	6,673.27	97.47	28.51	77.65	-112.26	309.60	2,871.67	2,772.75	98.91	29.032		
10,400.00	7,086.48	6,718.00	6,673.27	100.10	28.51	77.65	-112.26	309.60	2,950.52	2,851.32	99.20	29.743		
10,500.00	7,087.31	6,718.00	6,673.27	102.75	28.51	77.65	-112.26	309.60	3,030.62	2,931.17	99.45	30.474		
10,600.00	7,088.13	6,718.00	6,673.27	105.40	28.51	77.65	-112.26	309.60	3,111.87	3,012.20	99.67	31.222		
10,700.00	7,088.96	6,718.00	6,673.27	108.07	28.51	77.65	-112.26	309.60	3,194.19	3,094.33	99.86	31.988		
10,800.00	7,089.78	6,718.00	6,673.27	110.75	28.51	77.65	-112.26	309.60	3,277.49	3,177.47	100.02	32.768		
10,900.00	7,090.61	6,718.00	6,673.27	113.43	28.51	77.65	-112.26	309.60	3,361.70	3,261.54	100.16	33.563		
11,000.00	7,091.44	6,718.00	6,673.27	116.13	28.51	77.65	-112.26	309.60	3,446.76	3,346.47	100.28	34.370		
11,100.00	7,092.26	6,718.00	6,673.27	118.83	28.51	77.65	-112.26	309.60	3,532.59	3,432.21	100.39	35.189		
11,200.00	7,093.09	6,718.00	6,673.27	121.54	28.51	77.65	-112.26	309.60	3,619.16	3,518.68	100.48	36.020		
11,300.00	7,093.91	6,718.00	6,673.27	124.25	28.51	77.65	-112.26	309.60	3,706.40	3,605.85	100.55	36.860		
11,400.00	7,094.74	6,718.00	6,673.27	126.98	28.51	77.65	-112.26	309.60	3,794.27	3,693.66	100.62	37.710		
11,500.00	7,095.57	6,718.00	6,673.27	129.70	28.51	77.65	-112.26	309.60	3,882.73	3,782.06	100.67	38.569		
11,600.00	7,096.39	6,718.00	6,673.27	132.44	28.51	77.65	-112.26	309.60	3,971.74	3,871.02	100.71	39.436		
11,700.00	7,097.22	6,718.00	6,673.27	135.18	28.51	77.65	-112.26	309.60	4,061.25	3,960.50	100.75	40.310		
11,800.00	7,098.04	6,718.00	6,673.27	137.92	28.51	77.65	-112.26	309.60	4,151.25	4,050.47	100.78	41.191		
11,900.00	7,098.87	6,718.00	6,673.27	140.67	28.51	77.65	-112.26	309.60	4,241.69	4,140.89	100.80	42.078		
12,000.00	7,099.69	6,718.00	6,673.27	143.43	28.51	77.65	-112.26	309.60	4,332.56	4,231.74	100.82	42.972		
12,100.00	7,100.52	6,718.00	6,673.27	146.19	28.51	77.65	-112.26	309.60	4,423.82	4,322.98	100.84	43.871		
12,200.00	7,101.35	6,718.00	6,673.27	148.95	28.51	77.65	-112.26	309.60	4,515.45	4,414.60	100.85	44.775		
12,300.00	7,102.17	6,718.00	6,673.27	151.71	28.51	77.65	-112.26	309.60	4,607.42	4,506.57	100.85	45.685		
12,400.00	7,103.00	6,718.00	6,673.27	154.48	28.51	77.65	-112.26	309.60	4,699.73	4,598.87	100.86	46.598		
12,500.00	7,103.82	6,718.00	6,673.27	157.26	28.51	77.65	-112.26	309.60	4,792.34	4,691.48	100.86	47.516		
12,600.00	7,104.65	6,718.00	6,673.27	160.03	28.51	77.65	-112.26	309.60	4,885.25	4,784.39	100.86	48.437		
12,700.00	7,105.48	6,718.00	6,673.27	162.81	28.51	77.65	-112.26	309.60	4,978.43	4,877.57	100.85	49.363		
12,800.00	7,106.30	6,718.00	6,673.27	165.59	28.51	77.65	-112.26	309.60	5,071.87	4,971.02	100.85	50.291		
12,900.00	7,107.13	6,718.00	6,673.27	168.38	28.51	77.65	-112.26	309.60	5,165.55	5,064.71	100.84	51.223		
13,000.00	7,107.95	6,718.00	6,673.27	171.16	28.51	77.65	-112.26	309.60	5,259.47	5,158.63	100.84	52.157		
13,100.00	7,108.78	6,718.00	6,673.27	173.95	28.51	77.65	-112.26	309.60	5,353.61	5,252.77	100.83	53.094		
13,200.00	7,109.61	6,718.00	6,673.27	176.74	28.51	77.65	-112.26	309.60	5,447.95	5,347.13	100.82	54.034		
13,300.00	7,110.43	6,718.00	6,673.27	179.54	28.51	77.65	-112.26	309.60	5,542.50	5,441.68	100.82	54.976		
13,368.87	7,111.00	6,718.00	6,673.27	181.46	28.51	77.65	-112.26	309.60	5,607.72	5,506.91	100.81	55.626		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 170-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	130.42	-432.79	508.10	667.52					
100.00	100.00	94.21	94.19	3.28	3.29	130.53	-433.52	506.99	667.09	660.51	6.57	101.509		
200.00	200.00	199.61	199.51	3.34	3.32	130.90	-435.90	503.28	665.89	659.23	6.66	100.011		
300.00	299.98	304.55	304.38	3.44	3.42	-13.26	-436.70	499.88	662.25	655.39	6.86	96.474		
400.00	399.84	426.38	426.11	3.59	3.61	-13.50	-433.07	496.84	653.37	646.14	7.22	90.442		
500.00	499.45	549.10	548.45	3.79	3.86	-13.95	-425.69	490.69	637.18	629.46	7.72	82.567		
600.00	598.70	649.50	648.32	4.04	4.11	-14.51	-417.74	484.15	615.39	607.18	8.21	74.985		
700.00	697.47	810.74	807.73	4.32	4.60	-15.58	-401.07	468.04	586.86	577.77	9.09	64.560		
800.00	795.62	901.86	896.78	4.65	4.90	-16.59	-387.25	454.58	548.21	538.56	9.65	56.803		
900.00	893.06	976.03	969.59	5.01	5.16	-17.68	-376.91	444.97	508.62	498.45	10.17	49.995		
1,000.00	989.64	1,054.86	1,047.39	5.41	5.45	-19.02	-367.85	436.09	468.80	458.03	10.77	43.538		
1,100.00	1,085.27	1,145.03	1,136.61	5.85	5.79	-20.78	-359.16	426.30	427.50	416.05	11.45	37.325		
1,191.50	1,171.82	1,229.61	1,220.23	6.29	6.12	-22.94	-350.91	416.66	386.97	374.85	12.12	31.940		
1,200.00	1,179.82	1,237.39	1,227.92	6.34	6.15	-23.14	-350.11	415.75	383.07	370.89	12.18	31.440		
1,300.00	1,273.89	1,322.03	1,311.55	6.85	6.49	-25.71	-341.22	406.28	337.77	324.87	12.90	26.181		
1,400.00	1,367.96	1,408.85	1,397.45	7.38	6.84	-29.17	-332.20	397.47	294.10	280.43	13.67	21.517		
1,500.00	1,462.03	1,497.28	1,484.94	7.93	7.20	-33.84	-323.00	388.57	251.75	237.26	14.49	17.375		
1,600.00	1,556.10	1,585.76	1,572.44	8.49	7.57	-40.39	-313.18	379.78	211.33	195.95	15.39	13.736		
1,700.00	1,650.17	1,672.45	1,658.12	9.06	7.94	-49.50	-303.12	371.32	174.61	158.20	16.41	10.643		
1,800.00	1,744.24	1,759.92	1,744.73	9.65	8.31	-62.08	-293.60	363.61	145.26	127.68	17.57	8.266		
1,900.00	1,838.31	1,848.94	1,832.88	10.23	8.69	-78.85	-284.08	355.58	126.60	107.79	18.81	6.729		
1,962.85	1,897.43	1,903.57	1,886.93	10.61	8.92	-90.68	-277.91	350.60	122.93	103.42	19.50	6.303 CC, ES		
2,000.00	1,932.38	1,935.87	1,918.87	10.83	9.06	-97.81	-274.05	347.67	124.25	104.42	19.83	6.267 SF		
2,100.00	2,026.45	2,025.14	2,007.24	11.43	9.45	-115.59	-263.99	340.11	139.07	118.62	20.46	6.799		
2,200.00	2,120.52	2,119.25	2,100.70	12.03	9.85	-129.68	-255.73	332.80	164.20	143.17	21.02	7.810		
2,300.00	2,214.59	2,213.68	2,194.76	12.63	10.25	-139.49	-250.09	326.78	193.90	172.25	21.65	8.956		
2,400.00	2,308.66	2,312.12	2,292.99	13.24	10.65	-146.81	-246.93	321.21	224.91	202.53	22.38	10.048		
2,500.00	2,402.73	2,411.16	2,391.95	13.86	11.05	-152.01	-246.67	317.45	255.26	232.09	23.17	11.018		
2,600.00	2,496.80	2,501.81	2,482.56	14.47	11.41	-155.58	-246.44	314.84	286.81	262.91	23.90	12.002		
2,700.00	2,590.87	2,604.84	2,585.54	15.09	11.81	-158.91	-247.60	311.82	318.01	293.24	24.77	12.841		
2,800.00	2,684.95	2,701.64	2,682.29	15.71	12.18	-161.04	-250.30	312.09	347.46	321.88	25.58	13.581		
2,900.00	2,779.02	2,782.70	2,763.35	16.33	12.50	-162.45	-250.53	312.31	379.50	353.23	26.27	14.445		
3,000.00	2,873.09	2,877.80	2,858.44	16.95	12.89	-163.95	-249.58	311.47	413.31	386.19	27.12	15.238		
3,100.00	2,967.16	2,985.70	2,966.32	17.57	13.31	-165.36	-250.83	311.60	445.03	416.95	28.09	15.845		
3,200.00	3,061.23	3,076.07	3,056.67	18.20	13.66	-166.20	-252.01	313.34	476.20	447.33	28.88	16.490		
3,300.00	3,155.30	3,162.16	3,142.74	18.82	14.00	-166.86	-251.82	314.77	508.87	479.23	29.64	17.170		
3,400.00	3,249.37	3,253.08	3,233.65	19.45	14.36	-167.55	-250.95	315.33	542.64	512.18	30.46	17.816		
3,500.00	3,343.44	3,347.44	3,328.02	20.07	14.76	-168.27	-250.23	315.11	576.64	545.31	31.33	18.407		
3,600.00	3,437.51	3,439.33	3,419.90	20.70	15.14	-168.92	-249.53	314.59	610.85	578.68	32.18	18.985		
3,700.00	3,531.58	3,532.29	3,512.85	21.33	15.53	-169.54	-248.76	313.74	645.32	612.28	33.04	19.532		
3,800.00	3,625.65	3,617.91	3,598.45	21.96	15.89	-170.08	-247.67	312.40	680.48	646.66	33.82	20.119		
3,900.00	3,719.72	3,736.03	3,716.56	22.59	16.37	-170.67	-247.35	312.16	714.24	679.30	34.93	20.446		
4,000.00	3,813.79	3,828.41	3,808.93	23.22	16.73	-170.95	-247.47	314.04	746.79	711.01	35.77	20.876		
4,100.00	3,907.86	3,919.61	3,900.09	23.85	17.10	-171.14	-246.68	316.38	779.96	743.35	36.61	21.306		
4,200.00	4,001.93	4,026.43	4,006.88	24.48	17.53	-171.40	-246.89	318.81	812.38	774.79	37.59	21.612		
4,300.00	4,096.00	4,131.81	4,112.22	25.11	17.95	-171.77	-249.27	320.21	843.49	804.95	38.54	21.883		
4,400.00	4,190.07	4,228.36	4,208.71	25.75	18.33	-172.15	-252.70	321.06	873.75	834.33	39.43	22.162		
4,500.00	4,284.14	4,312.19	4,292.46	26.38	18.67	-172.58	-256.05	319.98	904.67	864.47	40.20	22.504		
4,600.00	4,378.21	4,392.74	4,372.93	27.01	19.00	-173.04	-258.61	317.42	937.17	896.22	40.94	22.889		
4,700.00	4,472.28	4,482.31	4,462.46	27.65	19.37	-173.44	-260.21	315.13	970.58	928.80	41.78	23.232		
4,800.00	4,566.35	4,576.66	4,556.80	28.28	19.75	-173.71	-260.69	314.55	1,004.19	961.53	42.66	23.542		
4,900.00	4,660.42	4,671.12	4,651.25	28.91	20.14	-173.84	-260.16	315.72	1,037.82	994.28	43.53	23.839		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 170-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,771.01	4,751.10	29.55	20.55	-173.90	-259.26	318.10	1,071.19	1,026.72	44.47	24.088		
5,100.00	4,848.56	4,867.14	4,847.19	30.18	20.95	-173.93	-258.66	321.10	1,103.97	1,058.60	45.37	24.334		
5,200.00	4,942.63	4,950.73	4,930.77	30.82	21.29	-174.03	-258.30	322.16	1,137.47	1,091.32	46.15	24.649		
5,300.00	5,036.70	5,049.27	5,029.31	31.45	21.70	-174.24	-258.63	321.85	1,171.11	1,124.04	47.07	24.878		
5,400.00	5,130.77	5,148.05	5,128.07	32.09	22.11	-174.47	-259.61	321.07	1,204.46	1,156.46	48.00	25.091		
5,500.00	5,224.84	5,246.57	5,226.58	32.72	22.52	-174.70	-261.18	320.28	1,237.34	1,188.41	48.93	25.289		
5,600.00	5,318.91	5,332.35	5,312.33	33.36	22.87	-174.92	-262.84	318.90	1,270.35	1,220.62	49.73	25.543		
5,700.00	5,412.98	5,409.37	5,389.32	33.99	23.20	-175.12	-263.60	317.05	1,304.53	1,254.07	50.45	25.857		
5,800.00	5,507.06	5,504.85	5,484.80	34.63	23.60	-175.29	-263.39	315.80	1,339.15	1,287.79	51.36	26.073		
5,900.00	5,601.13	5,591.08	5,571.02	35.26	23.97	-175.38	-262.37	315.63	1,374.02	1,321.84	52.18	26.334		
6,000.00	5,695.20	5,672.62	5,652.55	35.90	24.32	-175.46	-260.93	315.16	1,409.55	1,356.61	52.94	26.625		
6,100.00	5,789.27	5,793.18	5,773.09	36.54	24.83	-175.59	-259.47	314.70	1,444.52	1,390.41	54.11	26.695		
6,200.00	5,883.34	5,892.92	5,872.83	37.17	25.25	-175.64	-258.65	315.70	1,478.52	1,423.47	55.06	26.855		
6,300.00	5,977.41	6,000.66	5,980.56	37.81	25.69	-175.73	-258.73	316.33	1,512.02	1,455.95	56.07	26.966		
6,400.00	6,071.48	6,106.30	6,086.18	38.44	26.13	-175.87	-260.50	316.44	1,544.45	1,487.39	57.06	27.067		
6,500.00	6,165.55	7,568.38	6,967.18	39.08	36.61	-149.05	-252.96	1,146.41	1,574.34	1,510.13	64.21	24.519		
6,600.00	6,259.62	7,582.98	6,966.39	39.72	36.85	-148.51	-252.46	1,160.98	1,552.38	1,485.76	66.62	23.302		
6,677.33	6,332.36	7,594.53	6,965.78	40.21	37.04	-148.08	-252.09	1,172.51	1,539.56	1,471.19	68.37	22.518		
6,700.00	6,353.76	7,597.53	6,965.63	40.35	37.09	-152.64	-251.99	1,175.51	1,536.48	1,467.63	68.85	22.316		
6,750.00	6,401.37	7,601.11	6,965.44	40.64	37.15	-164.88	-251.88	1,179.08	1,530.77	1,460.96	69.81	21.927		
6,800.00	6,449.30	7,600.42	6,965.48	40.89	37.14	-179.45	-251.90	1,178.39	1,526.58	1,455.96	70.62	21.617		
6,850.00	6,497.25	7,595.39	6,965.74	41.11	37.05	165.47	-252.06	1,173.38	1,523.94	1,452.67	71.27	21.383		
6,900.00	6,544.95	7,585.96	6,966.23	41.29	36.90	151.84	-252.36	1,163.96	1,522.85	1,451.10	71.75	21.223		
6,911.47	6,555.82	7,583.18	6,966.38	41.33	36.85	149.04	-252.46	1,161.18	1,522.81	1,450.97	71.84	21.197		
6,950.00	6,592.08	7,572.11	6,966.97	41.45	36.67	140.58	-252.83	1,150.13	1,523.24	1,451.16	72.08	21.134		
7,000.00	6,638.35	7,553.83	6,967.98	41.58	36.37	131.57	-253.47	1,131.90	1,525.00	1,452.75	72.24	21.109		
7,050.00	6,683.50	7,532.71	6,969.16	41.70	36.05	124.38	-254.23	1,110.82	1,527.98	1,455.66	72.32	21.128		
7,100.00	6,727.22	7,507.86	6,970.54	41.81	35.67	118.47	-255.15	1,086.03	1,532.03	1,459.75	72.28	21.197		
7,150.00	6,769.26	7,479.44	6,972.10	41.92	35.24	113.50	-256.23	1,057.68	1,536.93	1,464.81	72.12	21.310		
7,200.00	6,809.36	7,451.14	6,973.64	42.03	34.83	109.31	-257.32	1,029.44	1,542.49	1,470.53	71.96	21.437		
7,250.00	6,847.27	7,426.26	6,974.92	42.15	34.49	105.81	-258.17	1,004.60	1,548.63	1,476.76	71.87	21.548		
7,300.00	6,882.75	7,399.50	6,976.19	42.27	34.13	102.72	-258.94	977.88	1,555.19	1,483.45	71.74	21.677		
7,350.00	6,915.58	7,371.04	6,977.43	42.41	33.75	99.97	-259.57	949.46	1,562.02	1,490.41	71.60	21.815		
7,400.00	6,945.57	7,341.53	6,978.10	42.57	33.39	97.52	-260.01	919.96	1,568.93	1,497.43	71.50	21.944		
7,450.00	6,972.53	7,312.67	6,977.15	42.75	33.04	95.34	-260.20	891.12	1,575.81	1,504.37	71.44	22.058		
7,500.00	6,996.30	7,284.48	6,974.66	42.95	32.70	93.40	-260.15	863.05	1,582.60	1,511.17	71.43	22.155		
7,550.00	7,016.72	7,256.60	6,970.72	43.17	32.38	91.65	-259.86	835.45	1,589.21	1,517.72	71.49	22.229		
7,600.00	7,033.66	7,228.84	6,965.48	43.43	32.09	90.10	-259.37	808.20	1,595.56	1,523.93	71.62	22.277		
7,650.00	7,047.04	7,201.36	6,959.02	43.72	31.80	88.74	-258.66	781.49	1,601.56	1,529.75	71.81	22.303		
7,700.00	7,056.76	7,178.00	6,952.57	44.05	31.55	87.62	-257.89	759.06	1,607.16	1,535.04	72.12	22.284		
7,750.00	7,062.76	7,148.09	6,943.14	44.41	31.28	86.57	-256.67	730.71	1,612.28	1,539.86	72.42	22.264		
7,799.36	7,065.00	7,122.22	6,934.03	44.81	31.05	85.77	-255.36	706.53	1,616.82	1,544.02	72.81	22.206		
7,900.00	7,065.83	7,056.77	6,907.09	45.73	30.51	84.81	-251.31	647.05	1,627.06	1,553.53	73.53	22.127		
8,000.00	7,066.66	6,964.68	6,858.84	46.83	29.88	83.11	-247.24	568.83	1,638.64	1,564.66	73.97	22.152		
8,100.00	7,067.49	6,897.69	6,816.73	48.11	29.48	81.63	-245.62	516.79	1,652.40	1,577.51	74.89	22.065		
8,200.00	7,068.31	6,854.73	6,787.09	49.55	29.27	80.60	-244.80	485.70	1,669.60	1,593.36	76.24	21.899		
8,300.00	7,069.14	6,801.00	6,747.71	51.14	29.01	79.25	-243.45	449.20	1,691.02	1,613.59	77.42	21.841		
8,400.00	7,069.96	6,764.43	6,719.32	52.86	28.85	78.28	-242.82	426.17	1,716.15	1,637.29	78.86	21.762		
8,500.00	7,070.79	6,711.61	6,675.87	54.70	28.63	76.80	-243.39	396.19	1,744.81	1,664.83	79.98	21.815		
8,600.00	7,071.61	6,668.33	6,638.28	56.64	28.46	75.52	-245.26	374.84	1,777.23	1,696.06	81.17	21.894		
8,700.00	7,072.44	6,636.18	6,609.29	58.68	28.33	74.53	-247.58	361.13	1,813.66	1,731.22	82.44	21.999		
8,800.00	7,073.27	6,612.00	6,586.99	60.78	28.23	73.78	-249.85	352.08	1,854.18	1,770.45	83.73	22.145		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 170-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,074.09	6,612.00	6,586.99	62.96	28.23	73.78	-249.85	352.08	1,898.89	1,813.61	85.28	22.267		
9,000.00	7,074.92	6,612.00	6,586.99	65.19	28.23	73.78	-249.85	352.08	1,947.71	1,861.02	86.69	22.469		
9,100.00	7,075.74	6,612.00	6,586.99	67.48	28.23	73.78	-249.85	352.08	2,000.34	1,912.38	87.96	22.743		
9,200.00	7,076.57	6,577.37	6,554.38	69.82	28.09	72.68	-253.19	340.95	2,055.32	1,966.69	88.63	23.190		
9,300.00	7,077.40	6,570.60	6,547.92	72.19	28.06	72.46	-253.80	339.02	2,114.19	2,024.60	89.58	23.601		
9,400.00	7,078.22	6,564.39	6,541.96	74.61	28.04	72.26	-254.33	337.33	2,175.97	2,085.54	90.43	24.062		
9,500.00	7,079.05	6,558.67	6,536.46	77.05	28.02	72.08	-254.81	335.82	2,240.45	2,149.26	91.19	24.569		
9,600.00	7,079.87	6,553.39	6,531.37	79.53	27.99	71.91	-255.25	334.49	2,307.41	2,215.54	91.87	25.117		
9,700.00	7,080.70	6,518.00	6,496.93	82.03	27.85	70.77	-257.87	326.86	2,377.59	2,285.48	92.10	25.814		
9,800.00	7,081.53	6,518.00	6,496.93	84.55	27.85	70.77	-257.87	326.86	2,448.64	2,355.94	92.70	26.415		
9,900.00	7,082.35	6,518.00	6,496.93	87.10	27.85	70.77	-257.87	326.86	2,521.65	2,428.43	93.22	27.050		
10,000.00	7,083.18	6,518.00	6,496.93	89.67	27.85	70.77	-257.87	326.86	2,596.46	2,502.78	93.68	27.716		
10,100.00	7,084.00	6,518.00	6,496.93	92.25	27.85	70.77	-257.87	326.86	2,672.92	2,578.84	94.08	28.411		
10,200.00	7,084.83	6,518.00	6,496.93	94.86	27.85	70.77	-257.87	326.86	2,750.89	2,656.46	94.43	29.130		
10,300.00	7,085.65	6,518.00	6,496.93	97.47	27.85	70.77	-257.87	326.86	2,830.25	2,735.51	94.74	29.873		
10,400.00	7,086.48	6,518.00	6,496.93	100.10	27.85	70.77	-257.87	326.86	2,910.88	2,815.87	95.01	30.637		
10,500.00	7,087.31	6,518.00	6,496.93	102.75	27.85	70.77	-257.87	326.86	2,992.68	2,897.43	95.25	31.421		
10,600.00	7,088.13	6,518.00	6,496.93	105.40	27.85	70.77	-257.87	326.86	3,075.55	2,980.10	95.45	32.222		
10,700.00	7,088.96	6,518.00	6,496.93	108.07	27.85	70.77	-257.87	326.86	3,159.42	3,063.79	95.63	33.039		
10,800.00	7,089.78	6,518.00	6,496.93	110.75	27.85	70.77	-257.87	326.86	3,244.20	3,148.42	95.78	33.871		
10,900.00	7,090.61	6,518.00	6,496.93	113.43	27.85	70.77	-257.87	326.86	3,329.82	3,233.91	95.91	34.717		
11,000.00	7,091.44	6,518.00	6,496.93	116.13	27.85	70.77	-257.87	326.86	3,416.23	3,320.20	96.03	35.575		
11,100.00	7,092.26	6,518.00	6,496.93	118.83	27.85	70.77	-257.87	326.86	3,503.36	3,407.23	96.13	36.444		
11,200.00	7,093.09	6,518.00	6,496.93	121.54	27.85	70.77	-257.87	326.86	3,591.16	3,494.94	96.22	37.324		
11,300.00	7,093.91	6,518.00	6,496.93	124.25	27.85	70.77	-257.87	326.86	3,679.58	3,583.29	96.29	38.214		
11,400.00	7,094.74	6,518.00	6,496.93	126.98	27.85	70.77	-257.87	326.86	3,768.58	3,672.23	96.35	39.113		
11,500.00	7,095.57	6,518.00	6,496.93	129.70	27.85	70.77	-257.87	326.86	3,858.12	3,761.72	96.40	40.020		
11,600.00	7,096.39	6,518.00	6,496.93	132.44	27.85	70.77	-257.87	326.86	3,948.16	3,851.72	96.45	40.935		
11,700.00	7,097.22	6,518.00	6,496.93	135.18	27.85	70.77	-257.87	326.86	4,038.68	3,942.19	96.49	41.857		
11,800.00	7,098.04	6,518.00	6,496.93	137.92	27.85	70.77	-257.87	326.86	4,129.63	4,033.11	96.52	42.785		
11,900.00	7,098.87	6,518.00	6,496.93	140.67	27.85	70.77	-257.87	326.86	4,220.98	4,124.44	96.55	43.720		
12,000.00	7,099.69	6,518.00	6,496.93	143.43	27.85	70.77	-257.87	326.86	4,312.73	4,216.16	96.57	44.660		
12,100.00	7,100.52	6,518.00	6,496.93	146.19	27.85	70.77	-257.87	326.86	4,404.83	4,308.24	96.59	45.605		
12,200.00	7,101.35	6,478.54	6,458.03	148.95	27.69	69.52	-260.15	320.64	4,496.00	4,399.61	96.39	46.643		
12,300.00	7,102.17	6,476.88	6,456.38	151.71	27.68	69.46	-260.23	320.42	4,588.65	4,492.25	96.40	47.601		
12,400.00	7,103.00	6,475.27	6,454.79	154.48	27.67	69.41	-260.30	320.21	4,681.60	4,585.20	96.40	48.563		
12,500.00	7,103.82	6,473.71	6,453.25	157.26	27.67	69.36	-260.37	320.01	4,774.83	4,678.42	96.41	49.528		
12,600.00	7,104.65	6,472.21	6,451.76	160.03	27.66	69.32	-260.44	319.82	4,868.32	4,771.92	96.41	50.498		
12,700.00	7,105.48	6,470.76	6,450.32	162.81	27.66	69.27	-260.51	319.65	4,962.07	4,865.66	96.41	51.470		
12,800.00	7,106.30	6,469.35	6,448.93	165.59	27.65	69.23	-260.57	319.48	5,056.05	4,959.65	96.41	52.446		
12,900.00	7,107.13	6,467.99	6,447.58	168.38	27.64	69.18	-260.63	319.31	5,150.26	5,053.85	96.40	53.424		
13,000.00	7,107.95	6,466.67	6,446.27	171.16	27.64	69.14	-260.68	319.16	5,244.67	5,148.27	96.40	54.405		
13,100.00	7,108.78	6,465.39	6,445.00	173.95	27.63	69.10	-260.73	319.01	5,339.29	5,242.89	96.40	55.388		
13,200.00	7,109.61	6,425.00	6,404.79	176.74	27.47	67.84	-262.00	315.42	5,435.31	5,339.09	96.22	56.487		
13,300.00	7,110.43	6,425.00	6,404.79	179.54	27.47	67.84	-262.00	315.42	5,530.23	5,434.00	96.23	57.471		
13,368.87	7,111.00	6,425.00	6,404.79	181.46	27.47	67.84	-262.00	315.42	5,595.69	5,499.46	96.23	58.149		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 141-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	131.72	-452.83	507.82	680.48					
100.00	100.00	77.36	77.36	3.28	3.28	131.75	-453.46	508.14	681.15	674.58	6.57	103.670		
200.00	200.00	173.54	173.50	3.34	3.31	131.83	-455.81	509.28	683.64	676.99	6.65	102.793		
300.00	299.98	295.01	294.95	3.44	3.42	-12.41	-457.77	508.64	682.62	675.76	6.87	99.395		
400.00	399.84	431.25	431.04	3.59	3.64	-12.27	-457.40	502.86	674.27	666.99	7.27	92.689		
500.00	499.45	555.59	554.71	3.79	3.91	-11.93	-455.28	490.32	657.08	649.29	7.79	84.362		
600.00	598.70	651.63	650.01	4.04	4.15	-11.63	-453.54	478.54	635.03	626.76	8.26	76.839		
700.00	697.47	732.17	729.88	4.32	4.38	-11.25	-454.18	468.20	611.06	602.32	8.73	69.956		
800.00	795.62	804.52	801.64	4.65	4.61	-10.77	-457.89	459.77	587.47	578.24	9.24	63.593		
900.00	893.06	883.26	879.59	5.01	4.87	-10.05	-465.14	451.37	564.12	554.30	9.82	57.431		
1,000.00	989.64	967.99	963.38	5.41	5.16	-9.18	-474.97	443.52	540.20	529.73	10.47	51.579		
1,100.00	1,085.27	1,046.80	1,041.41	5.85	5.43	-8.48	-484.76	438.45	515.60	504.47	11.14	46.295		
1,191.50	1,171.82	1,117.66	1,111.53	6.29	5.69	-7.95	-494.69	436.35	493.39	481.62	11.77	41.934		
1,200.00	1,179.82	1,124.24	1,118.03	6.34	5.71	-7.90	-495.68	436.27	491.36	479.53	11.83	41.538		
1,300.00	1,273.89	1,208.01	1,200.69	6.85	6.02	-7.25	-509.30	436.58	469.39	456.84	12.55	37.400		
1,400.00	1,367.96	1,301.00	1,292.22	7.38	6.36	-6.43	-525.64	437.71	449.07	435.75	13.32	33.703		
1,500.00	1,462.03	1,395.86	1,385.31	7.93	6.73	-5.33	-543.84	438.31	429.72	415.59	14.13	30.408		
1,600.00	1,556.10	1,491.21	1,478.70	8.49	7.12	-3.99	-563.09	438.52	411.07	396.11	14.96	27.475		
1,700.00	1,650.17	1,586.90	1,572.27	9.06	7.53	-2.48	-583.13	438.84	393.34	377.53	15.81	24.879		
1,800.00	1,744.24	1,683.60	1,666.78	9.65	7.95	-0.81	-603.60	439.36	376.21	359.54	16.68	22.561		
1,900.00	1,838.31	1,780.47	1,761.34	10.23	8.38	1.03	-624.61	440.11	360.00	342.45	17.55	20.509		
2,000.00	1,932.38	1,883.18	1,861.87	10.83	8.84	3.03	-645.62	441.09	343.24	324.77	18.46	18.589		
2,100.00	2,026.45	1,983.93	1,960.66	11.43	9.30	5.10	-665.34	442.11	326.16	306.79	19.38	16.833		
2,200.00	2,120.52	2,083.62	2,058.55	12.03	9.75	7.57	-684.22	441.59	308.26	287.96	20.29	15.189		
2,300.00	2,214.59	2,180.33	2,153.49	12.63	10.20	10.18	-702.61	441.50	291.21	270.00	21.22	13.726		
2,400.00	2,308.66	2,279.22	2,250.66	13.24	10.65	13.02	-720.98	441.99	274.66	252.50	22.16	12.395		
2,500.00	2,402.73	2,377.26	2,346.96	13.86	11.11	16.52	-739.33	440.95	258.49	235.37	23.12	11.178		
2,600.00	2,496.80	2,475.71	2,443.73	14.47	11.57	20.40	-757.45	440.14	243.16	219.04	24.12	10.082		
2,700.00	2,590.87	2,573.17	2,539.61	15.09	12.03	24.61	-774.92	439.75	228.68	203.53	25.15	9.094		
2,800.00	2,684.95	2,671.86	2,636.73	15.71	12.49	29.27	-792.42	439.80	215.45	189.23	26.22	8.218		
2,900.00	2,779.02	2,768.83	2,732.21	16.33	12.95	34.83	-809.31	438.26	203.49	176.13	27.36	7.438		
3,000.00	2,873.09	2,864.19	2,825.95	16.95	13.40	41.37	-826.42	435.00	194.47	165.89	28.58	6.804		
3,100.00	2,967.16	2,960.60	2,920.65	17.57	13.86	48.34	-844.28	432.04	188.88	159.02	29.87	6.324		
3,200.00	3,061.23	3,058.51	3,016.83	18.20	14.33	55.58	-862.43	429.48	186.30	155.09	31.21	5.970		
3,245.06	3,103.62	3,102.35	3,059.91	18.48	14.54	58.77	-870.51	428.65	185.98	154.17	31.81	5.846 CC		
3,300.00	3,155.30	3,155.55	3,112.18	18.82	14.80	62.65	-880.35	427.65	186.46	153.91	32.55	5.728		
3,400.00	3,249.37	3,253.46	3,208.38	19.45	15.27	69.59	-898.50	426.07	189.52	155.63	33.89	5.592		
3,500.00	3,343.44	3,353.41	3,306.68	20.07	15.75	76.26	-916.60	425.33	194.45	159.24	35.21	5.522		
3,600.00	3,437.51	3,452.02	3,403.75	20.70	16.22	82.39	-933.96	425.49	200.89	164.42	36.47	5.509		
3,700.00	3,531.58	3,550.09	3,500.31	21.33	16.69	88.03	-951.08	426.01	209.13	171.47	37.66	5.553		
3,800.00	3,625.65	3,648.84	3,597.65	21.96	17.16	93.35	-967.67	426.85	218.68	179.87	38.81	5.635		
3,900.00	3,719.72	3,741.92	3,689.56	22.59	17.60	98.29	-982.36	426.34	230.77	190.95	39.82	5.795		
4,000.00	3,813.79	3,833.24	3,779.55	23.22	18.04	102.62	-997.73	423.93	246.82	206.09	40.73	6.059		
4,100.00	3,907.86	3,929.05	3,873.67	23.85	18.50	106.35	-1,015.30	420.80	265.29	223.58	41.71	6.360		
4,200.00	4,001.93	4,023.27	3,966.08	24.48	18.96	109.42	-1,033.35	417.14	285.54	242.89	42.65	6.695		
4,300.00	4,096.00	4,121.15	4,061.98	25.11	19.45	112.10	-1,052.57	413.37	306.58	262.92	43.66	7.022		
4,400.00	4,190.07	4,218.10	4,156.82	25.75	19.93	114.29	-1,072.32	409.73	328.21	283.55	44.66	7.349		
4,500.00	4,284.14	4,318.19	4,254.81	26.38	20.42	116.29	-1,092.49	406.69	349.53	303.81	45.72	7.645		
4,600.00	4,378.21	4,417.38	4,352.07	27.01	20.91	118.13	-1,111.84	404.04	370.77	324.02	46.75	7.931		
4,700.00	4,472.28	4,520.37	4,452.81	27.65	21.43	119.63	-1,133.18	402.66	391.13	343.27	47.86	8.173		
4,800.00	4,566.35	4,618.72	4,548.81	28.28	21.92	120.77	-1,154.50	402.45	410.63	361.74	48.89	8.398		
4,900.00	4,660.42	4,713.69	4,641.62	28.91	22.40	121.84	-1,174.63	401.68	430.86	380.98	49.88	8.639		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 141-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,810.87	4,736.64	29.55	22.88	122.87	-1,194.97	400.53	451.58	400.69	50.89	8.874		
5,100.00	4,848.56	4,905.25	4,829.15	30.18	23.35	123.93	-1,213.61	399.27	472.59	420.74	51.85	9.115		
5,200.00	4,942.63	5,009.40	4,931.30	30.82	23.87	125.03	-1,233.91	397.61	494.02	441.07	52.95	9.329		
5,300.00	5,036.70	5,114.42	5,034.38	31.45	24.39	126.10	-1,253.97	398.13	513.53	459.48	54.05	9.501		
5,400.00	5,130.77	5,216.26	5,134.39	32.09	24.88	127.09	-1,273.10	399.61	532.27	477.17	55.10	9.660		
5,500.00	5,224.84	5,312.95	5,229.62	32.72	25.35	128.14	-1,289.75	401.38	550.88	494.82	56.06	9.826		
5,600.00	5,318.91	5,410.26	5,325.77	33.36	25.81	129.31	-1,304.65	403.15	569.84	512.83	57.01	9.996		
5,700.00	5,412.98	5,501.06	5,415.43	33.99	26.24	130.30	-1,318.88	404.22	589.60	531.72	57.88	10.187		
5,800.00	5,507.06	5,594.87	5,507.82	34.63	26.70	131.09	-1,335.17	404.32	610.38	551.57	58.81	10.379		
5,900.00	5,601.13	5,689.05	5,600.62	35.26	27.15	131.87	-1,351.17	403.95	631.80	572.06	59.74	10.576		
6,000.00	5,695.20	5,797.49	5,707.33	35.90	27.68	132.63	-1,370.45	404.03	652.77	591.90	60.87	10.724		
6,100.00	5,789.27	5,897.73	5,805.43	36.54	28.18	133.05	-1,391.07	404.71	672.81	610.87	61.93	10.864		
6,200.00	5,883.34	5,993.78	5,899.58	37.17	28.66	133.50	-1,410.03	405.71	692.67	629.74	62.93	11.007		
6,300.00	5,977.41	6,085.07	5,989.41	37.81	29.11	134.05	-1,426.23	406.18	713.39	649.55	63.84	11.174		
6,400.00	6,071.48	6,184.60	6,087.24	38.44	29.60	134.56	-1,444.59	406.37	734.39	669.52	64.87	11.321		
6,500.00	6,165.55	6,291.25	6,192.22	39.08	30.12	135.15	-1,463.34	407.29	754.96	689.00	65.97	11.445		
6,600.00	6,259.62	6,387.73	6,286.29	39.72	30.64	135.74	-1,482.60	408.21	775.53	709.57	67.07	11.569		
6,677.33	6,332.36	6,469.48	6,368.12	40.21	31.16	136.33	-1,501.86	409.13	796.10	730.14	68.17	11.693		
6,700.00	6,353.76	6,529.81	6,428.05	40.35	31.30	136.47	-1,509.91	409.27	799.64	733.68	68.31	11.718		
6,750.00	6,401.37	6,585.24	6,483.32	40.64	31.59	136.94	-1,537.01	410.52	819.04	753.08	69.56	11.842		
6,800.00	6,449.30	6,632.53	6,530.49	40.89	31.75	137.19	-1,551.51	411.79	833.53	767.57	70.81	11.966		
6,850.00	6,497.25	6,679.82	6,577.74	41.11	31.91	137.44	-1,566.01	413.06	848.02	782.06	72.06	12.090		
6,900.00	6,544.95	6,727.11	6,625.03	41.29	32.07	137.69	-1,579.51	414.33	862.51	796.55	73.31	12.214		
6,950.00	6,592.08	6,774.40	6,672.32	41.45	32.23	137.94	-1,593.01	415.60	877.00	811.04	74.56	12.338		
7,000.00	6,638.35	6,821.69	6,719.63	41.58	32.39	138.19	-1,606.51	416.87	891.49	825.53	75.81	12.462		
7,050.00	6,683.50	6,868.98	6,764.78	41.70	32.55	138.44	-1,620.01	418.14	905.98	840.02	77.06	12.586		
7,100.00	6,727.22	6,916.27	6,808.07	41.81	32.71	138.69	-1,633.51	419.41	920.47	854.51	78.31	12.710		
7,150.00	6,769.26	6,963.56	6,850.36	41.92	32.87	138.94	-1,647.01	420.68	934.96	868.99	79.56	12.834		
7,200.00	6,809.36	7,010.85	6,892.65	42.03	33.03	139.19	-1,660.51	421.95	949.45	883.48	80.81	12.958		
7,250.00	6,847.27	7,058.14	6,934.94	42.15	33.19	139.44	-1,674.01	423.22	963.94	897.97	82.06	13.082		
7,300.00	6,882.75	7,105.43	6,977.23	42.27	33.35	139.69	-1,687.51	424.49	978.43	912.46	83.31	13.206		
7,345.46	6,912.71	7,152.72	7,019.52	42.40	33.51	139.94	-1,701.01	425.76	992.92	926.95	84.56	13.330		
7,350.00	6,915.58	7,156.09	7,022.89	42.41	33.52	139.95	-1,703.01	425.77	994.92	928.95	84.57	13.331		
7,400.00	6,945.57	7,186.08	7,052.88	42.57	33.68	140.20	-1,716.51	427.02	1,009.41	943.44	85.81	13.455		
7,450.00	6,972.53	7,213.04	7,079.84	42.75	33.84	140.45	-1,730.01	428.27	1,023.90	957.93	87.06	13.579		
7,500.00	6,996.30	7,236.81	7,103.61	42.95	34.00	140.70	-1,743.51	429.52	1,038.39	972.42	88.31	13.703		
7,550.00	7,016.72	7,257.23	7,124.03	43.17	34.22	140.92	-1,757.01	430.77	1,052.88	986.91	89.56	13.827		
7,600.00	7,033.66	7,274.17	7,140.97	43.43	34.48	141.18	-1,770.51	432.02	1,067.37	1,001.40	90.81	13.951		
7,650.00	7,047.04	7,287.55	7,154.35	43.72	34.75	141.44	-1,784.01	433.27	1,081.86	1,015.89	92.06	14.075		
7,700.00	7,056.76	7,297.27	7,164.07	44.05	35.06	141.70	-1,797.51	434.52	1,096.35	1,030.38	93.31	14.199		
7,750.00	7,062.76	7,303.27	7,170.07	44.41	35.42	141.96	-1,811.01	435.77	1,110.84	1,044.87	94.56	14.323		
7,799.36	7,065.00	7,306.51	7,173.31	44.81	35.82	142.22	-1,824.51	437.02	1,125.33	1,059.36	95.81	14.447		
7,900.00	7,065.83	7,307.34	7,174.14	45.73	36.74	143.14	-1,859.58	439.02	1,150.32	1,084.35	97.81	14.645		
8,000.00	7,066.66	7,308.17	7,174.97	46.83	37.84	144.06	-1,884.56	441.02	1,175.31	1,109.34	99.81	14.843		
8,100.00	7,067.49	7,309.00	7,175.80	48.11	39.12	145.00	-1,899.54	443.02	1,200.30	1,134.33	101.81	15.041		
8,200.00	7,068.31	7,309.83	7,176.63	49.55	40.56	146.00	-1,914.52	445.02	1,225.29	1,159.32	103.81	15.239		
8,300.00	7,069.14	7,310.66	7,177.46	51.14	42.15	147.00	-1,929.50	447.02	1,250.28	1,184.31	105.81	15.437		
8,400.00	7,069.96	7,311.49	7,178.29	52.86	43.87	148.00	-1,944.48	449.02	1,275.27	1,209.30	107.81	15.635		
8,500.00	7,070.79	7,312.32	7,179.12	54.70	45.70	149.00	-1,959.46	451.02	1,300.26	1,234.29	109.81	15.833		
8,600.00	7,071.61	7,313.15	7,179.95	56.64	47.64	150.00	-1,974.44	453.02	1,325.25	1,259.28	111.81	16.031		
8,700.00	7,072.44	7,313.98	7,180.78	58.68	49.68	151.00	-1,989.42	455.02	1,350.24	1,284.27	113.81	16.229		
8,800.00	7,073.27	7,314.81	7,181.61	60.78	51.78	152.00	-1,999.40	457.02	1,375.23	1,309.26	115.81	16.427		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 141-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,074.09	6,693.03	6,573.17	62.96	31.88	34.04	-1,536.12	491.80	1,183.83	1,112.32	71.51	16.556		
9,000.00	7,074.92	6,674.32	6,556.90	65.19	31.81	33.43	-1,532.70	483.21	1,271.56	1,199.58	71.98	17.666		
9,100.00	7,075.74	6,657.17	6,541.82	67.48	31.75	32.89	-1,529.57	475.66	1,360.41	1,288.02	72.39	18.792		
9,200.00	7,076.57	6,627.00	6,514.92	69.82	31.63	31.98	-1,524.08	463.16	1,450.42	1,377.87	72.55	19.992		
9,300.00	7,077.40	6,627.00	6,514.92	72.19	31.63	31.98	-1,524.08	463.16	1,540.90	1,467.83	73.08	21.086		
9,400.00	7,078.22	6,627.00	6,514.92	74.61	31.63	31.98	-1,524.08	463.16	1,632.49	1,558.99	73.50	22.210		
9,500.00	7,079.05	6,627.00	6,514.92	77.05	31.63	31.98	-1,524.08	463.16	1,725.02	1,651.17	73.85	23.358		
9,600.00	7,079.87	6,595.19	6,486.03	79.53	31.50	31.08	-1,518.23	451.19	1,817.31	1,743.43	73.88	24.599		
9,700.00	7,080.70	6,586.15	6,477.74	82.03	31.47	30.84	-1,516.55	448.06	1,910.66	1,836.57	74.08	25.791		
9,800.00	7,081.53	6,577.76	6,469.99	84.55	31.43	30.62	-1,514.98	445.24	2,004.50	1,930.24	74.26	26.992		
9,900.00	7,082.35	6,569.95	6,462.74	87.10	31.40	30.42	-1,513.50	442.71	2,098.79	2,024.36	74.43	28.200		
10,000.00	7,083.18	6,533.00	6,428.13	89.67	31.25	29.50	-1,506.44	431.91	2,194.33	2,119.93	74.40	29.493		
10,100.00	7,084.00	6,533.00	6,428.13	92.25	31.25	29.50	-1,506.44	431.91	2,289.02	2,214.44	74.59	30.690		
10,200.00	7,084.83	6,533.00	6,428.13	94.86	31.25	29.50	-1,506.44	431.91	2,384.15	2,309.41	74.74	31.897		
10,300.00	7,085.65	6,533.00	6,428.13	97.47	31.25	29.50	-1,506.44	431.91	2,479.66	2,404.78	74.88	33.114		
10,400.00	7,086.48	6,533.00	6,428.13	100.10	31.25	29.50	-1,506.44	431.91	2,575.51	2,500.51	75.00	34.338		
10,500.00	7,087.31	6,533.00	6,428.13	102.75	31.25	29.50	-1,506.44	431.91	2,671.67	2,596.56	75.11	35.569		
10,600.00	7,088.13	6,533.00	6,428.13	105.40	31.25	29.50	-1,506.44	431.91	2,768.10	2,692.89	75.21	36.806		
10,700.00	7,088.96	6,533.00	6,428.13	108.07	31.25	29.50	-1,506.44	431.91	2,864.77	2,789.47	75.29	38.048		
10,800.00	7,089.78	6,533.00	6,428.13	110.75	31.25	29.50	-1,506.44	431.91	2,961.66	2,886.29	75.37	39.295		
10,900.00	7,090.61	6,533.00	6,428.13	113.43	31.25	29.50	-1,506.44	431.91	3,058.76	2,983.31	75.44	40.545		
11,000.00	7,091.44	6,533.00	6,428.13	116.13	31.25	29.50	-1,506.44	431.91	3,156.03	3,080.53	75.51	41.799		
11,100.00	7,092.26	6,533.00	6,428.13	118.83	31.25	29.50	-1,506.44	431.91	3,253.47	3,177.91	75.57	43.055		
11,200.00	7,093.09	6,533.00	6,428.13	121.54	31.25	29.50	-1,506.44	431.91	3,351.06	3,275.44	75.62	44.314		
11,300.00	7,093.91	6,533.00	6,428.13	124.25	31.25	29.50	-1,506.44	431.91	3,448.79	3,373.12	75.67	45.575		
11,400.00	7,094.74	6,533.00	6,428.13	126.98	31.25	29.50	-1,506.44	431.91	3,546.65	3,470.93	75.72	46.838		
11,500.00	7,095.57	6,533.00	6,428.13	129.70	31.25	29.50	-1,506.44	431.91	3,644.62	3,568.85	75.77	48.103		
11,600.00	7,096.39	6,533.00	6,428.13	132.44	31.25	29.50	-1,506.44	431.91	3,742.70	3,666.89	75.81	49.369		
11,700.00	7,097.22	6,493.42	6,390.37	135.18	31.07	28.59	-1,498.90	422.77	3,839.27	3,763.45	75.82	50.636		
11,800.00	7,098.04	6,491.09	6,388.13	137.92	31.06	28.53	-1,498.46	422.32	3,937.35	3,861.48	75.86	51.900		
11,900.00	7,098.87	6,488.87	6,385.98	140.67	31.05	28.48	-1,498.05	421.90	4,035.51	3,959.60	75.91	53.164		
12,000.00	7,099.69	6,486.73	6,383.93	143.43	31.04	28.44	-1,497.65	421.50	4,133.75	4,057.80	75.95	54.428		
12,100.00	7,100.52	6,484.69	6,381.95	146.19	31.03	28.39	-1,497.27	421.13	4,232.07	4,156.08	75.99	55.693		
12,200.00	7,101.35	6,482.73	6,380.05	148.95	31.02	28.35	-1,496.90	420.78	4,330.45	4,254.42	76.03	56.957		
12,300.00	7,102.17	6,480.84	6,378.23	151.71	31.01	28.31	-1,496.55	420.45	4,428.90	4,352.83	76.07	58.221		
12,400.00	7,103.00	6,440.00	6,338.47	154.48	30.83	27.43	-1,489.12	414.87	4,528.96	4,452.86	76.09	59.518		
12,500.00	7,103.82	6,440.00	6,338.47	157.26	30.83	27.43	-1,489.12	414.87	4,627.39	4,551.25	76.14	60.777		
12,600.00	7,104.65	6,440.00	6,338.47	160.03	30.83	27.43	-1,489.12	414.87	4,725.89	4,649.71	76.18	62.036		
12,700.00	7,105.48	6,440.00	6,338.47	162.81	30.83	27.43	-1,489.12	414.87	4,824.45	4,748.22	76.22	63.295		
12,800.00	7,106.30	6,440.00	6,338.47	165.59	30.83	27.43	-1,489.12	414.87	4,923.06	4,846.80	76.26	64.552		
12,900.00	7,107.13	6,440.00	6,338.47	168.38	30.83	27.43	-1,489.12	414.87	5,021.74	4,945.43	76.31	65.810		
13,000.00	7,107.95	6,440.00	6,338.47	171.16	30.83	27.43	-1,489.12	414.87	5,120.46	5,044.11	76.35	67.066		
13,100.00	7,108.78	6,440.00	6,338.47	173.95	30.83	27.43	-1,489.12	414.87	5,219.23	5,142.84	76.39	68.322		
13,200.00	7,109.61	6,440.00	6,338.47	176.74	30.83	27.43	-1,489.12	414.87	5,318.05	5,241.62	76.43	69.577		
13,300.00	7,110.43	6,440.00	6,338.47	179.54	30.83	27.43	-1,489.12	414.87	5,416.91	5,340.44	76.48	70.831		
13,368.87	7,111.00	6,440.00	6,338.47	181.46	30.83	27.43	-1,489.12	414.87	5,485.02	5,408.51	76.51	71.694		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 250-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	139.46	-592.72	506.99	780.04					
100.00	100.00	94.56	94.56	3.28	3.29	139.45	-592.43	506.80	779.65	773.08	6.57	118.641		
200.00	200.00	200.80	200.79	3.34	3.31	139.44	-591.43	506.15	778.54	771.89	6.65	117.116		
300.00	299.98	308.72	308.69	3.44	3.38	-4.97	-589.39	505.25	774.82	768.00	6.82	113.562		
400.00	399.84	421.68	421.54	3.59	3.53	-5.26	-584.54	505.10	766.29	759.15	7.14	107.361		
500.00	499.45	525.27	524.96	3.79	3.73	-5.61	-578.64	504.58	753.00	745.47	7.53	99.944		
600.00	598.70	608.66	608.28	4.04	3.91	-5.80	-575.55	503.21	737.05	729.10	7.95	92.704		
700.00	697.47	694.76	694.34	4.32	4.12	-5.82	-575.38	500.93	719.61	711.17	8.44	85.304		
800.00	795.62	781.39	780.80	4.65	4.35	-5.56	-578.68	496.79	700.34	691.37	8.97	78.036		
900.00	893.06	875.16	873.99	5.01	4.63	-4.88	-586.17	489.61	678.96	669.38	9.58	70.848		
1,000.00	989.64	969.72	967.48	5.41	4.92	-3.84	-596.18	479.65	654.49	644.25	10.24	63.894		
1,100.00	1,085.27	1,060.84	1,057.02	5.85	5.24	-2.45	-608.17	467.81	627.39	616.45	10.94	57.350		
1,191.50	1,171.82	1,142.96	1,137.49	6.29	5.54	-0.96	-620.09	456.55	600.63	589.02	11.61	51.735		
1,200.00	1,179.82	1,150.56	1,144.92	6.34	5.57	-0.81	-621.24	455.49	598.06	586.38	11.68	51.212		
1,300.00	1,273.89	1,240.93	1,233.24	6.85	5.92	1.12	-635.44	442.64	568.53	556.10	12.43	45.725		
1,400.00	1,367.96	1,336.19	1,326.12	7.38	6.31	3.47	-651.12	428.43	539.99	526.75	13.24	40.787		
1,500.00	1,462.03	1,433.59	1,421.01	7.93	6.72	6.20	-666.77	412.99	511.63	497.55	14.08	36.340		
1,600.00	1,556.10	1,532.13	1,517.17	8.49	7.15	9.21	-681.61	397.43	483.62	468.67	14.94	32.363		
1,700.00	1,650.17	1,628.97	1,612.08	9.06	7.58	12.31	-694.43	383.11	455.71	439.89	15.82	28.807		
1,800.00	1,744.24	1,722.00	1,703.73	9.65	7.98	15.32	-705.46	371.48	428.69	411.99	16.70	25.674		
1,900.00	1,838.31	1,813.67	1,794.42	10.23	8.37	18.20	-715.72	363.08	403.33	385.74	17.58	22.940		
2,000.00	1,932.38	1,908.22	1,888.27	10.83	8.78	21.05	-725.76	357.53	379.41	360.93	18.48	20.529		
2,100.00	2,026.45	2,016.27	1,995.67	11.43	9.23	24.66	-735.77	351.42	355.39	335.99	19.41	18.314		
2,200.00	2,120.52	2,113.71	2,092.69	12.03	9.65	28.53	-741.81	344.65	329.47	309.12	20.35	16.191		
2,300.00	2,214.59	2,207.47	2,186.10	12.63	10.04	32.68	-747.52	339.04	305.14	283.81	21.33	14.306		
2,400.00	2,308.66	2,301.30	2,279.64	13.24	10.44	37.28	-753.32	334.38	282.75	260.41	22.35	12.653		
2,500.00	2,402.73	2,407.15	2,385.27	13.86	10.88	43.19	-758.18	329.82	261.02	237.65	23.37	11.167		
2,600.00	2,496.80	2,501.11	2,479.17	14.47	11.27	49.16	-760.12	326.96	239.31	214.82	24.49	9.771		
2,700.00	2,590.87	2,595.53	2,573.53	15.09	11.66	56.08	-762.18	324.40	220.78	195.11	25.67	8.601		
2,800.00	2,684.95	2,690.67	2,668.62	15.71	12.06	64.13	-763.90	321.81	205.89	178.99	26.90	7.654		
2,900.00	2,779.02	2,784.03	2,761.93	16.33	12.45	73.04	-765.27	319.05	195.77	167.61	28.16	6.952		
3,000.00	2,873.09	2,883.03	2,860.90	16.95	12.85	83.16	-765.93	316.83	190.44	161.08	29.36	6.486		
3,057.45	2,927.13	2,936.93	2,914.79	17.31	13.07	88.80	-765.77	316.26	189.37	159.36	30.01	6.310 CC, ES		
3,100.00	2,967.16	2,976.71	2,954.57	17.57	13.23	92.97	-765.68	315.82	189.96	159.49	30.46	6.236 SF		
3,200.00	3,061.23	3,069.36	3,047.22	18.20	13.62	102.42	-765.66	314.57	196.06	164.65	31.41	6.241		
3,300.00	3,155.30	3,163.60	3,141.44	18.82	14.01	111.25	-765.80	313.16	208.03	175.80	32.23	6.455		
3,400.00	3,249.37	3,256.95	3,234.78	19.45	14.39	118.98	-765.94	311.78	224.72	191.78	32.94	6.822		
3,500.00	3,343.44	3,351.02	3,328.84	20.07	14.79	125.69	-766.02	310.34	245.26	211.64	33.62	7.295		
3,600.00	3,437.51	3,445.18	3,422.99	20.70	15.18	131.46	-765.72	309.06	268.62	234.33	34.29	7.834		
3,700.00	3,531.58	3,538.37	3,516.17	21.33	15.56	136.38	-764.89	307.89	294.30	259.36	34.94	8.423		
3,800.00	3,625.65	3,632.86	3,610.64	21.96	15.94	140.63	-763.88	306.81	321.76	286.13	35.63	9.031		
3,900.00	3,719.72	3,725.48	3,703.26	22.59	16.32	144.13	-763.01	305.74	350.60	314.28	36.32	9.653		
4,000.00	3,813.79	3,824.08	3,801.85	23.22	16.73	147.26	-762.45	304.96	380.08	342.95	37.13	10.237		
4,100.00	3,907.86	3,929.66	3,907.42	23.85	17.15	150.23	-762.01	306.54	408.39	370.38	38.02	10.742		
4,200.00	4,001.93	4,020.24	3,997.97	24.48	17.49	152.49	-761.64	308.62	436.75	398.04	38.71	11.282		
4,300.00	4,096.00	4,113.50	4,091.22	25.11	17.86	154.51	-761.35	310.33	466.07	426.60	39.46	11.811		
4,400.00	4,190.07	4,209.15	4,186.85	25.75	18.23	156.27	-761.52	311.84	495.83	455.57	40.26	12.316		
4,500.00	4,284.14	4,300.44	4,278.13	26.38	18.59	157.71	-761.98	312.85	526.18	485.16	41.02	12.828		
4,600.00	4,378.21	4,395.88	4,373.57	27.01	18.97	159.01	-762.78	313.52	556.97	515.11	41.85	13.309		
4,700.00	4,472.28	4,491.14	4,468.82	27.65	19.36	160.12	-764.06	314.02	587.82	545.13	42.70	13.767		
4,800.00	4,566.35	4,584.73	4,562.40	28.28	19.75	161.07	-765.52	314.35	618.88	575.35	43.53	14.217		
4,900.00	4,660.42	4,679.19	4,656.84	28.91	20.14	161.95	-766.92	314.62	650.18	605.80	44.38	14.649		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 250-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,783.07	4,760.70	29.55	20.57	162.77	-769.34	315.15	680.94	635.57	45.36	15.010		
5,100.00	4,848.56	4,867.71	4,845.30	30.18	20.93	163.32	-771.74	314.97	712.01	665.90	46.11	15.442		
5,200.00	4,942.63	4,955.21	4,932.77	30.82	21.31	163.83	-773.90	313.93	744.11	697.22	46.90	15.867		
5,300.00	5,036.70	5,046.48	5,024.01	31.45	21.70	164.32	-775.67	312.42	776.92	729.18	47.74	16.274		
5,400.00	5,130.77	5,141.77	5,119.27	32.09	22.11	164.81	-777.24	310.92	809.90	761.27	48.64	16.652		
5,500.00	5,224.84	5,226.75	5,204.25	32.72	22.47	165.29	-777.67	309.94	843.33	793.95	49.38	17.077		
5,600.00	5,318.91	5,310.05	5,287.53	33.36	22.81	165.83	-776.31	309.21	877.93	827.84	50.09	17.526		
5,700.00	5,412.98	5,398.09	5,375.53	33.99	23.18	166.39	-773.98	308.09	913.52	862.65	50.87	17.959		
5,800.00	5,507.06	5,486.50	5,463.90	34.63	23.54	166.90	-771.53	306.60	949.56	897.90	51.65	18.383		
5,900.00	5,601.13	5,593.63	5,570.97	35.26	24.00	167.39	-769.59	303.94	985.65	932.93	52.72	18.695		
6,000.00	5,695.20	5,708.54	5,685.86	35.90	24.49	167.79	-770.33	301.99	1,019.62	965.73	53.89	18.920		
6,100.00	5,789.27	5,808.81	5,786.11	36.54	24.92	168.09	-772.05	301.05	1,052.42	997.56	54.86	19.183		
6,200.00	5,883.34	5,879.87	5,857.17	37.17	25.22	168.33	-772.41	300.38	1,086.03	1,030.58	55.45	19.586		
6,300.00	5,977.41	5,971.58	5,948.86	37.81	25.61	168.68	-771.24	299.21	1,121.04	1,064.74	56.30	19.912		
6,400.00	6,071.48	6,073.57	6,050.84	38.44	26.04	169.03	-770.44	298.28	1,155.52	1,098.23	57.29	20.171		
6,500.00	6,165.55	6,168.38	6,145.65	39.08	26.44	169.34	-770.07	297.68	1,189.60	1,131.42	58.18	20.446		
6,600.00	6,259.62	6,261.30	6,238.57	39.72	26.83	169.62	-769.61	297.10	1,223.76	1,164.71	59.05	20.723		
6,677.33	6,332.36	7,757.18	7,146.41	40.21	37.62	-152.00	-766.57	1,177.24	1,208.98	1,149.11	59.87	20.195		
6,700.00	6,353.76	7,760.30	7,146.46	40.35	37.67	-155.82	-766.59	1,180.36	1,199.14	1,138.47	60.67	19.765		
6,750.00	6,401.37	7,765.29	7,146.54	40.64	37.75	-166.41	-766.61	1,185.35	1,178.46	1,116.05	62.41	18.882		
6,800.00	6,449.30	7,767.57	7,146.57	40.89	37.79	-179.35	-766.62	1,187.63	1,159.37	1,095.29	64.09	18.091		
6,850.00	6,497.25	7,767.01	7,146.56	41.11	37.78	167.14	-766.62	1,187.08	1,142.09	1,076.43	65.67	17.392		
6,900.00	6,544.95	7,763.51	7,146.51	41.29	37.73	155.03	-766.60	1,183.58	1,126.81	1,059.68	67.13	16.785		
6,950.00	6,592.08	7,756.97	7,146.41	41.45	37.62	145.19	-766.57	1,177.03	1,113.67	1,045.21	68.46	16.267		
7,000.00	6,638.35	7,747.29	7,146.30	41.58	37.46	137.50	-766.52	1,167.35	1,102.76	1,033.12	69.64	15.836		
7,050.00	6,683.50	7,734.42	7,146.22	41.70	37.25	131.45	-766.43	1,154.49	1,094.10	1,023.46	70.65	15.487		
7,100.00	6,727.22	7,718.33	7,146.21	41.81	36.99	126.54	-766.31	1,138.39	1,087.67	1,016.19	71.48	15.217		
7,150.00	6,769.26	7,697.88	7,146.35	41.92	36.66	122.35	-766.11	1,117.95	1,083.37	1,011.26	72.11	15.023		
7,200.00	6,809.36	7,663.83	7,146.47	42.03	36.15	118.22	-765.82	1,083.89	1,080.88	1,008.46	72.42	14.926		
7,250.00	6,847.27	7,626.88	7,146.16	42.15	35.61	114.50	-765.59	1,046.95	1,079.85	1,007.29	72.56	14.882		
7,266.60	6,859.33	7,614.02	7,145.95	42.19	35.42	113.34	-765.53	1,034.10	1,079.79	1,007.21	72.58	14.877		
7,300.00	6,882.75	7,589.61	7,145.34	42.27	35.08	111.18	-765.42	1,009.69	1,080.04	1,007.40	72.64	14.869		
7,350.00	6,915.58	7,553.68	7,143.64	42.41	34.60	108.24	-765.10	973.80	1,081.31	1,008.61	72.70	14.874		
7,400.00	6,945.57	7,519.23	7,141.09	42.57	34.13	105.62	-764.62	939.45	1,083.49	1,010.76	72.73	14.898		
7,450.00	6,972.53	7,467.65	7,135.72	42.75	33.52	102.65	-763.79	888.16	1,086.22	1,013.72	72.50	14.982		
7,500.00	6,996.30	7,415.27	7,128.66	42.95	32.90	99.97	-763.33	836.27	1,088.94	1,016.70	72.23	15.075		
7,550.00	7,016.72	7,372.40	7,120.44	43.17	32.47	97.79	-762.93	794.20	1,091.62	1,019.42	72.20	15.120		
7,600.00	7,033.66	7,341.38	7,112.39	43.43	32.13	96.10	-762.53	764.25	1,094.34	1,022.00	72.34	15.127		
7,650.00	7,047.04	7,269.02	7,086.99	43.72	31.52	93.26	-761.30	696.55	1,096.86	1,024.95	71.90	15.254		
7,700.00	7,056.76	7,202.18	7,056.73	44.05	31.01	90.73	-761.61	636.99	1,098.24	1,026.69	71.54	15.351		
7,750.00	7,062.76	7,139.85	7,022.68	44.41	30.59	88.46	-763.24	584.85	1,098.53	1,027.25	71.27	15.413		
7,799.36	7,065.00	7,108.41	7,003.57	44.81	30.41	87.37	-764.38	559.91	1,098.23	1,026.62	71.61	15.337		
7,810.21	7,065.09	7,102.43	6,999.82	44.90	30.37	87.17	-764.57	555.25	1,098.20	1,026.49	71.71	15.314		
7,900.00	7,065.83	7,055.62	6,969.31	45.73	30.12	85.56	-765.61	519.77	1,100.39	1,027.79	72.60	15.157		
8,000.00	7,066.66	7,005.60	6,934.42	46.83	29.88	83.73	-766.03	483.96	1,108.24	1,034.55	73.69	15.039		
8,100.00	7,067.49	6,960.44	6,900.71	48.11	29.68	81.98	-766.08	453.90	1,122.01	1,047.13	74.89	14.983		
8,200.00	7,068.31	6,917.81	6,867.06	49.55	29.50	80.26	-765.97	427.76	1,142.01	1,065.93	76.08	15.010		
8,300.00	7,069.14	6,879.70	6,835.37	51.14	29.35	78.64	-766.13	406.60	1,168.19	1,090.91	77.28	15.116		
8,400.00	7,069.96	6,846.00	6,806.19	52.86	29.21	77.17	-766.52	389.75	1,200.65	1,122.21	78.44	15.306		
8,500.00	7,070.79	6,810.95	6,775.13	54.70	29.08	75.62	-767.16	373.54	1,239.06	1,159.63	79.43	15.599		
8,600.00	7,071.61	6,775.80	6,743.60	56.64	28.94	74.06	-768.03	358.04	1,282.85	1,202.58	80.27	15.983		
8,700.00	7,072.44	6,753.00	6,722.95	58.68	28.85	73.05	-768.71	348.39	1,331.69	1,250.49	81.20	16.400		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 250-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,073.27	6,753.00	6,722.95	60.78	28.85	73.05	-768.71	348.39	1,385.80	1,303.41	82.39	16.820		
8,900.00	7,074.09	6,753.00	6,722.95	62.96	28.85	73.05	-768.71	348.39	1,444.81	1,361.44	83.38	17.329		
9,000.00	7,074.92	6,714.48	6,687.36	65.19	28.70	71.34	-769.62	333.69	1,506.44	1,422.82	83.61	18.017		
9,100.00	7,075.74	6,705.27	6,678.70	67.48	28.67	70.93	-769.75	330.58	1,572.64	1,488.45	84.19	18.679		
9,200.00	7,076.57	6,696.94	6,670.81	69.82	28.64	70.56	-769.83	327.89	1,642.10	1,557.42	84.67	19.393		
9,300.00	7,077.40	6,659.00	6,634.39	72.19	28.49	68.87	-769.82	317.31	1,715.52	1,630.86	84.67	20.262		
9,400.00	7,078.22	6,659.00	6,634.39	74.61	28.49	68.87	-769.82	317.31	1,789.97	1,704.87	85.10	21.033		
9,500.00	7,079.05	6,659.00	6,634.39	77.05	28.49	68.87	-769.82	317.31	1,866.81	1,781.36	85.45	21.847		
9,600.00	7,079.87	6,659.00	6,634.39	79.53	28.49	68.87	-769.82	317.31	1,945.75	1,860.03	85.73	22.697		
9,700.00	7,080.70	6,659.00	6,634.39	82.03	28.49	68.87	-769.82	317.31	2,026.56	1,940.61	85.94	23.580		
9,800.00	7,081.53	6,659.00	6,634.39	84.55	28.49	68.87	-769.82	317.31	2,109.01	2,022.90	86.11	24.492		
9,900.00	7,082.35	6,659.00	6,634.39	87.10	28.49	68.87	-769.82	317.31	2,192.92	2,106.68	86.24	25.429		
10,000.00	7,083.18	6,659.00	6,634.39	89.67	28.49	68.87	-769.82	317.31	2,278.13	2,191.79	86.33	26.388		
10,100.00	7,084.00	6,659.00	6,634.39	92.25	28.49	68.87	-769.82	317.31	2,364.49	2,278.10	86.40	27.367		
10,200.00	7,084.83	6,659.00	6,634.39	94.86	28.49	68.87	-769.82	317.31	2,451.90	2,365.46	86.44	28.364		
10,300.00	7,085.65	6,659.00	6,634.39	97.47	28.49	68.87	-769.82	317.31	2,540.23	2,453.76	86.47	29.377		
10,400.00	7,086.48	6,659.00	6,634.39	100.10	28.49	68.87	-769.82	317.31	2,629.40	2,542.92	86.48	30.404		
10,500.00	7,087.31	6,622.31	6,598.60	102.75	28.34	67.26	-769.48	309.25	2,718.25	2,631.97	86.28	31.504		
10,600.00	7,088.13	6,618.12	6,594.48	105.40	28.33	67.07	-769.44	308.44	2,808.60	2,722.34	86.26	32.558		
10,700.00	7,088.96	6,614.15	6,590.59	108.07	28.31	66.90	-769.40	307.69	2,899.56	2,813.32	86.24	33.622		
10,800.00	7,089.78	6,610.41	6,586.91	110.75	28.30	66.74	-769.36	307.01	2,991.07	2,904.85	86.21	34.694		
10,900.00	7,090.61	6,606.86	6,583.42	113.43	28.28	66.58	-769.32	306.37	3,083.09	2,996.90	86.18	35.774		
11,000.00	7,091.44	6,603.50	6,580.11	116.13	28.27	66.44	-769.28	305.79	3,175.57	3,089.42	86.15	36.860		
11,100.00	7,092.26	6,564.00	6,541.04	118.83	28.11	64.75	-768.80	300.03	3,269.51	3,183.56	85.95	38.040		
11,200.00	7,093.09	6,564.00	6,541.04	121.54	28.11	64.75	-768.80	300.03	3,362.64	3,276.71	85.94	39.130		
11,300.00	7,093.91	6,564.00	6,541.04	124.25	28.11	64.75	-768.80	300.03	3,456.16	3,370.24	85.92	40.225		
11,400.00	7,094.74	6,564.00	6,541.04	126.98	28.11	64.75	-768.80	300.03	3,550.03	3,464.13	85.90	41.326		
11,500.00	7,095.57	6,564.00	6,541.04	129.70	28.11	64.75	-768.80	300.03	3,644.23	3,558.34	85.88	42.432		
11,600.00	7,096.39	6,564.00	6,541.04	132.44	28.11	64.75	-768.80	300.03	3,738.73	3,652.86	85.86	43.543		
11,700.00	7,097.22	6,564.00	6,541.04	135.18	28.11	64.75	-768.80	300.03	3,833.50	3,747.66	85.84	44.658		
11,800.00	7,098.04	6,564.00	6,541.04	137.92	28.11	64.75	-768.80	300.03	3,928.54	3,842.72	85.82	45.776		
11,900.00	7,098.87	6,564.00	6,541.04	140.67	28.11	64.75	-768.80	300.03	4,023.82	3,938.02	85.80	46.898		
12,000.00	7,099.69	6,564.00	6,541.04	143.43	28.11	64.75	-768.80	300.03	4,119.32	4,033.54	85.78	48.023		
12,100.00	7,100.52	6,564.00	6,541.04	146.19	28.11	64.75	-768.80	300.03	4,215.02	4,129.27	85.76	49.150		
12,200.00	7,101.35	6,564.00	6,541.04	148.95	28.11	64.75	-768.80	300.03	4,310.93	4,225.19	85.74	50.280		
12,300.00	7,102.17	6,564.00	6,541.04	151.71	28.11	64.75	-768.80	300.03	4,407.01	4,321.30	85.72	51.413		
12,400.00	7,103.00	6,564.00	6,541.04	154.48	28.11	64.75	-768.80	300.03	4,503.27	4,417.57	85.70	52.547		
12,500.00	7,103.82	6,564.00	6,541.04	157.26	28.11	64.75	-768.80	300.03	4,599.69	4,514.00	85.68	53.682		
12,600.00	7,104.65	6,564.00	6,541.04	160.03	28.11	64.75	-768.80	300.03	4,696.25	4,610.59	85.67	54.820		
12,700.00	7,105.48	6,564.00	6,541.04	162.81	28.11	64.75	-768.80	300.03	4,792.96	4,707.31	85.65	55.959		
12,800.00	7,106.30	6,564.00	6,541.04	165.59	28.11	64.75	-768.80	300.03	4,889.80	4,804.16	85.64	57.098		
12,900.00	7,107.13	6,564.00	6,541.04	168.38	28.11	64.75	-768.80	300.03	4,986.76	4,901.14	85.63	58.239		
13,000.00	7,107.95	6,564.00	6,541.04	171.16	28.11	64.75	-768.80	300.03	5,083.85	4,998.23	85.61	59.381		
13,100.00	7,108.78	6,564.00	6,541.04	173.95	28.11	64.75	-768.80	300.03	5,181.04	5,095.44	85.60	60.523		
13,200.00	7,109.61	6,564.00	6,541.04	176.74	28.11	64.75	-768.80	300.03	5,278.34	5,192.74	85.60	61.666		
13,300.00	7,110.43	6,564.00	6,541.04	179.54	28.11	64.75	-768.80	300.03	5,375.73	5,290.15	85.59	62.809		
13,368.87	7,111.00	6,564.00	6,541.04	181.46	28.11	64.75	-768.80	300.03	5,442.86	5,357.28	85.58	63.597		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 342-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	136.40	-532.61	507.26	735.60					
100.00	100.00	89.82	89.82	3.28	3.29	136.37	-532.37	507.44	735.47	728.90	6.57	111.933		
200.00	200.00	190.73	190.72	3.34	3.31	136.29	-531.52	508.08	735.30	728.65	6.64	110.676		
300.00	299.98	291.59	291.56	3.44	3.34	-8.22	-530.06	509.18	733.28	726.49	6.78	108.111		
400.00	399.84	405.84	405.78	3.59	3.44	-8.51	-527.58	510.21	727.23	720.19	7.04	103.341		
500.00	499.45	531.77	531.58	3.79	3.64	-8.82	-522.57	507.78	714.43	706.97	7.47	95.702		
600.00	598.70	650.56	649.97	4.04	3.90	-9.35	-513.67	503.83	694.77	686.78	7.99	86.983		
700.00	697.47	753.56	752.42	4.32	4.17	-10.02	-503.94	499.73	670.02	661.50	8.53	78.573		
800.00	795.62	859.25	857.45	4.65	4.47	-10.88	-493.10	495.14	641.27	632.13	9.14	70.160		
900.00	893.06	969.42	966.49	5.01	4.83	-12.22	-478.25	489.93	606.95	597.13	9.82	61.793		
1,000.00	989.64	1,073.58	1,069.08	5.41	5.19	-14.03	-461.11	484.55	567.50	556.99	10.52	53.961		
1,100.00	1,085.27	1,164.35	1,158.15	5.85	5.52	-16.23	-444.21	479.84	524.04	512.85	11.19	46.821		
1,191.50	1,171.82	1,242.56	1,234.89	6.29	5.82	-18.61	-429.72	475.80	482.23	470.40	11.82	40.782		
1,200.00	1,179.82	1,249.74	1,241.94	6.34	5.84	-18.82	-428.43	475.42	478.27	466.38	11.89	40.221		
1,300.00	1,273.89	1,338.77	1,329.39	6.85	6.19	-21.73	-412.41	470.53	432.13	419.51	12.61	34.262		
1,400.00	1,367.96	1,428.99	1,417.69	7.38	6.56	-25.56	-394.67	465.48	386.19	372.81	13.38	28.865		
1,500.00	1,462.03	1,518.71	1,505.09	7.93	6.94	-30.66	-374.99	460.52	341.04	326.84	14.20	24.016		
1,600.00	1,556.10	1,604.63	1,588.31	8.49	7.32	-37.18	-354.27	455.37	297.59	282.48	15.10	19.702		
1,700.00	1,650.17	1,685.70	1,666.78	9.06	7.68	-45.01	-334.42	450.75	258.90	242.77	16.13	16.051		
1,800.00	1,744.24	1,765.83	1,744.54	9.65	8.04	-54.40	-315.47	447.12	228.29	211.01	17.28	13.215		
1,900.00	1,838.31	1,847.67	1,824.25	10.23	8.41	-65.45	-297.04	444.56	208.67	190.20	18.47	11.296		
2,000.00	1,932.38	1,934.30	1,908.81	10.83	8.80	-78.04	-278.38	442.30	201.54	181.94	19.60	10.281		
2,006.63	1,938.62	1,940.08	1,914.45	10.87	8.82	-78.89	-277.16	442.13	201.51	181.84	19.67	10.244 CC, ES		
2,100.00	2,026.45	2,021.54	1,994.14	11.43	9.19	-90.65	-260.40	439.75	206.92	186.38	20.54	10.073 SF		
2,200.00	2,120.52	2,107.48	2,078.25	12.03	9.58	-102.09	-243.01	436.89	223.81	202.55	21.26	10.525		
2,300.00	2,214.59	2,190.98	2,159.80	12.63	9.96	-111.85	-225.37	433.66	250.76	228.94	21.82	11.490		
2,400.00	2,308.66	2,271.76	2,238.55	13.24	10.34	-119.63	-207.59	431.03	285.71	263.40	22.31	12.808		
2,500.00	2,402.73	2,356.18	2,320.60	13.86	10.74	-126.14	-187.80	428.86	326.81	303.92	22.88	14.282		
2,600.00	2,496.80	2,448.21	2,410.45	14.47	11.17	-131.68	-168.09	426.51	369.32	345.68	23.63	15.627		
2,700.00	2,590.87	2,529.90	2,490.20	15.09	11.55	-135.75	-150.62	423.70	413.94	389.71	24.24	17.079		
2,800.00	2,684.95	2,608.59	2,566.80	15.71	11.92	-139.03	-132.81	420.72	461.26	436.43	24.82	18.582		
2,900.00	2,779.02	2,701.96	2,657.72	16.33	12.37	-142.26	-111.93	416.90	509.54	483.86	25.68	19.840		
3,000.00	2,873.09	2,778.41	2,732.19	16.95	12.73	-144.41	-94.83	414.36	558.68	532.40	26.29	21.254		
3,100.00	2,967.16	2,869.13	2,820.49	17.57	13.17	-146.45	-74.10	412.30	608.80	581.66	27.15	22.427		
3,200.00	3,061.23	2,938.95	2,888.42	18.20	13.51	-147.86	-58.15	410.15	659.51	631.83	27.68	23.826		
3,300.00	3,155.30	3,019.11	2,965.92	18.82	13.90	-149.36	-38.01	406.51	712.66	684.27	28.39	25.100		
3,400.00	3,249.37	3,129.00	3,072.76	19.45	14.43	-151.18	-12.86	401.10	764.35	734.78	29.57	25.849		
3,500.00	3,343.44	3,210.97	3,152.84	20.07	14.83	-152.34	4.18	397.48	814.48	784.16	30.32	26.862		
3,600.00	3,437.51	3,304.49	3,243.98	20.70	15.28	-153.47	24.78	393.56	865.91	834.66	31.24	27.714		
3,700.00	3,531.58	3,417.93	3,355.31	21.33	15.81	-154.75	45.99	388.57	914.57	882.15	32.42	28.209		
3,800.00	3,625.65	3,505.72	3,441.69	21.96	16.22	-155.62	61.28	385.08	962.32	929.07	33.25	28.938		
3,900.00	3,719.72	3,576.82	3,511.55	22.59	16.56	-156.21	74.30	382.86	1,010.84	976.96	33.88	29.834		
4,000.00	3,813.79	3,646.36	3,579.60	23.22	16.89	-156.74	88.44	380.58	1,061.15	1,026.66	34.49	30.766		
4,100.00	3,907.86	3,727.73	3,659.11	23.85	17.28	-157.31	105.47	377.65	1,112.18	1,076.91	35.26	31.539		
4,200.00	4,001.93	3,798.26	3,727.87	24.48	17.62	-157.72	121.00	375.57	1,164.04	1,128.15	35.89	32.429		
4,300.00	4,096.00	3,859.82	3,787.66	25.11	17.93	-158.03	135.62	374.18	1,217.27	1,180.86	36.41	33.435		
4,400.00	4,190.07	3,919.24	3,845.05	25.75	18.22	-158.29	150.91	372.69	1,272.20	1,235.32	36.89	34.488		
4,500.00	4,284.14	3,979.57	3,903.07	26.38	18.53	-158.55	167.35	370.67	1,328.65	1,291.26	37.38	35.540		
4,600.00	4,378.21	4,048.45	3,969.03	27.01	18.89	-158.83	186.99	367.92	1,386.28	1,348.27	38.01	36.469		
4,700.00	4,472.28	4,139.39	4,056.00	27.65	19.36	-159.15	213.39	364.84	1,444.27	1,405.30	38.98	37.055		
4,800.00	4,566.35	4,236.51	4,236.81	28.28	20.30	-159.77	261.10	359.62	1,499.78	1,458.55	41.23	36.378		
4,900.00	4,660.42	4,432.49	4,340.66	28.91	20.81	-160.21	281.78	355.50	1,549.91	1,507.59	42.32	36.625		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 342-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,507.84	4,414.42	29.55	21.17	-160.50	296.87	352.35	1,600.75	1,557.72	43.04	37.196		
5,100.00	4,848.56	4,587.45	4,492.28	30.18	21.55	-160.79	313.18	349.07	1,652.00	1,608.20	43.81	37.711		
5,200.00	4,942.63	4,671.37	4,574.27	30.82	21.96	-161.05	330.83	346.12	1,703.57	1,658.94	44.63	38.167		
5,300.00	5,036.70	4,769.03	4,669.78	31.45	22.43	-161.34	350.92	342.86	1,754.72	1,709.09	45.63	38.457		
5,400.00	5,130.77	4,859.52	4,758.36	32.09	22.87	-161.63	368.93	338.77	1,805.70	1,759.17	46.53	38.807		
5,500.00	5,224.84	4,959.11	4,856.06	32.72	23.35	-162.02	387.11	332.33	1,855.89	1,808.35	47.53	39.045		
5,600.00	5,318.91	5,025.00	4,920.66	33.36	23.66	-162.26	399.32	327.91	1,906.46	1,858.32	48.14	39.600		
5,700.00	5,412.98	5,079.40	4,973.84	33.99	23.93	-162.44	410.23	324.51	1,958.22	1,909.60	48.62	40.276		
5,800.00	5,507.06	5,133.58	5,026.60	34.63	24.19	-162.59	422.19	321.37	2,011.44	1,962.35	49.09	40.976		
5,900.00	5,601.13	5,376.20	5,263.64	35.26	25.37	-163.02	472.86	314.73	2,064.40	2,012.65	51.75	39.893		
6,000.00	5,695.20	5,511.91	5,397.76	35.90	25.99	-163.26	493.45	313.44	2,110.43	2,057.33	53.09	39.751		
6,100.00	5,789.27	5,587.57	5,472.56	36.54	26.33	-163.34	504.84	313.94	2,155.93	2,102.10	53.83	40.050		
6,200.00	5,883.34	5,617.62	5,700.73	37.17	27.35	-163.69	533.70	314.18	2,200.54	2,144.57	55.97	39.315		
6,300.00	5,977.41	5,976.90	5,859.62	37.81	28.01	-163.98	544.56	315.08	2,239.01	2,181.65	57.36	39.032		
6,400.00	6,071.48	6,105.52	5,988.14	38.44	28.53	-164.26	549.79	314.77	2,275.41	2,216.92	58.49	38.906		
6,500.00	6,165.55	6,233.37	6,115.94	39.08	29.03	-164.58	552.71	313.31	2,310.66	2,251.08	59.58	38.781		
6,600.00	6,259.62	7,778.00	7,050.44	39.72	38.56	-146.23	566.99	1,189.00	2,337.81	2,268.45	69.36	33.707		
6,677.33	6,332.36	7,783.19	7,050.49	40.21	38.65	-146.11	566.94	1,194.19	2,334.02	2,263.49	70.53	33.091		
6,700.00	6,353.76	7,787.00	7,050.53	40.35	38.71	-150.92	566.91	1,198.01	2,333.38	2,262.47	70.91	32.908		
6,750.00	6,401.37	7,792.91	7,050.59	40.64	38.81	-163.60	566.87	1,203.91	2,332.71	2,261.06	71.66	32.554		
6,756.48	6,407.57	7,793.42	7,050.59	40.67	38.82	-165.44	566.86	1,204.42	2,332.70	2,260.96	71.74	32.514		
6,800.00	6,449.30	7,795.37	7,050.61	40.89	38.85	-178.50	566.85	1,206.37	2,333.11	2,260.81	72.30	32.269		
6,850.00	6,497.25	7,794.42	7,050.60	41.11	38.83	166.21	566.86	1,205.42	2,334.57	2,261.73	72.84	32.049		
6,900.00	6,544.95	7,790.09	7,050.56	41.29	38.76	152.51	566.89	1,201.09	2,337.09	2,263.81	73.28	31.891		
6,950.00	6,592.08	7,782.46	7,050.48	41.45	38.64	141.28	566.95	1,193.46	2,340.62	2,267.00	73.63	31.791		
7,000.00	6,638.35	7,772.48	7,050.38	41.58	38.48	132.44	567.03	1,183.48	2,345.11	2,271.20	73.90	31.732		
7,050.00	6,683.50	7,760.20	7,050.30	41.70	38.29	125.47	567.15	1,171.20	2,350.46	2,276.34	74.12	31.711		
7,100.00	6,727.22	7,744.97	7,050.25	41.81	38.06	119.86	567.32	1,155.97	2,356.60	2,282.33	74.27	31.730		
7,150.00	6,769.26	7,726.83	7,050.27	41.92	37.78	115.22	567.55	1,137.83	2,363.40	2,289.05	74.35	31.787		
7,200.00	6,809.36	7,705.83	7,050.42	42.03	37.46	111.28	567.87	1,116.84	2,370.72	2,296.35	74.37	31.875		
7,250.00	6,847.27	7,647.62	7,050.95	42.15	36.63	107.24	568.63	1,058.64	2,378.39	2,304.63	73.76	32.244		
7,300.00	6,882.75	7,597.28	7,051.06	42.27	35.97	103.88	568.71	1,008.30	2,385.69	2,312.33	73.36	32.521		
7,350.00	6,915.58	7,475.84	7,047.88	42.41	34.55	99.81	566.88	886.97	2,392.49	2,320.57	71.92	33.264		
7,400.00	6,945.57	7,436.95	7,043.66	42.57	34.17	97.49	565.59	848.34	2,397.96	2,326.12	71.83	33.382		
7,450.00	6,972.53	7,406.70	7,039.08	42.75	33.89	95.58	564.73	818.46	2,403.15	2,331.25	71.91	33.421		
7,500.00	6,996.30	7,376.41	7,033.36	42.95	33.61	93.92	564.01	788.71	2,408.00	2,335.99	72.01	33.439		
7,550.00	7,016.72	7,183.00	6,964.25	43.17	32.48	89.76	553.84	609.39	2,410.74	2,340.47	70.27	34.308		
7,600.00	7,033.66	7,183.00	6,964.25	43.43	32.48	89.13	553.84	609.39	2,412.44	2,341.57	70.86	34.044		
7,650.00	7,047.04	7,183.00	6,964.25	43.72	32.48	88.64	553.84	609.39	2,413.96	2,342.45	71.51	33.755		
7,700.00	7,056.76	7,183.00	6,964.25	44.05	32.48	88.27	553.84	609.39	2,415.30	2,343.08	72.22	33.445		
7,742.32	7,062.08	7,148.45	6,945.37	44.36	32.35	87.54	551.59	580.56	2,415.09	2,342.60	72.49	33.317		
7,750.00	7,062.76	7,147.24	6,944.67	44.41	32.34	87.49	551.54	579.57	2,415.16	2,342.57	72.59	33.270		
7,799.36	7,065.00	7,139.26	6,940.01	44.81	32.31	87.30	551.29	573.10	2,415.44	2,342.16	73.29	32.959		
7,900.00	7,065.83	7,091.00	6,909.68	45.73	32.15	86.57	551.87	535.60	2,418.53	2,344.06	74.47	32.477		
8,000.00	7,066.66	7,091.00	6,909.68	46.83	32.15	86.57	551.87	535.60	2,423.41	2,347.13	76.28	31.769		
8,100.00	7,067.49	7,091.00	6,909.68	48.11	32.15	86.57	551.87	535.60	2,432.40	2,354.21	78.19	31.111		
8,200.00	7,068.31	7,060.61	6,888.98	49.55	32.04	86.08	553.44	513.41	2,445.06	2,365.19	79.87	30.614		
8,300.00	7,069.14	7,027.36	6,865.25	51.14	31.93	85.52	555.38	490.20	2,460.72	2,379.15	81.57	30.167		
8,400.00	7,069.96	6,997.00	6,842.64	52.86	31.83	84.99	557.35	470.05	2,479.47	2,396.14	83.32	29.757		
8,500.00	7,070.79	6,971.24	6,822.65	54.70	31.75	84.52	559.13	453.90	2,501.35	2,416.21	85.14	29.378		
8,600.00	7,071.61	6,948.42	6,804.25	56.64	31.67	84.09	560.76	440.50	2,526.42	2,439.45	86.97	29.050		
8,700.00	7,072.44	6,905.00	6,767.61	58.68	31.53	83.24	563.96	417.45	2,554.99	2,466.39	88.60	28.837		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 342-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,073.27	6,905.00	6,767.61	60.78	31.53	83.24	563.96	417.45	2,586.16	2,495.62	90.53	28.566		
8,900.00	7,074.09	6,881.96	6,747.45	62.96	31.45	82.77	565.58	406.43	2,620.63	2,528.39	92.23	28.413		
9,000.00	7,074.92	6,685.92	6,565.61	65.19	30.77	78.57	564.69	334.42	2,657.94	2,565.56	92.37	28.774		
9,100.00	7,075.74	6,673.35	6,553.58	67.48	30.72	78.29	563.65	330.93	2,695.97	2,601.92	94.04	28.667		
9,200.00	7,076.57	6,662.34	6,542.99	69.82	30.68	78.05	562.71	328.07	2,737.01	2,641.36	95.65	28.615		
9,300.00	7,077.40	6,652.64	6,533.62	72.19	30.64	77.83	561.85	325.69	2,780.95	2,683.77	97.18	28.615		
9,400.00	7,078.22	6,625.00	6,506.76	74.61	30.54	77.21	559.30	319.70	2,827.85	2,729.40	98.45	28.723		
9,500.00	7,079.05	6,625.00	6,506.76	77.05	30.54	77.21	559.30	319.70	2,877.12	2,777.21	99.91	28.797		
9,600.00	7,079.87	6,625.00	6,506.76	79.53	30.54	77.21	559.30	319.70	2,928.98	2,827.71	101.28	28.921		
9,700.00	7,080.70	6,625.00	6,506.76	82.03	30.54	77.21	559.30	319.70	2,983.30	2,880.74	102.55	29.090		
9,800.00	7,081.53	6,625.00	6,506.76	84.55	30.54	77.21	559.30	319.70	3,039.93	2,936.18	103.75	29.301		
9,900.00	7,082.35	6,625.00	6,506.76	87.10	30.54	77.21	559.30	319.70	3,098.75	2,993.89	104.86	29.551		
10,000.00	7,083.18	6,625.00	6,506.76	89.67	30.54	77.21	559.30	319.70	3,159.65	3,053.75	105.89	29.838		
10,100.00	7,084.00	6,625.00	6,506.76	92.25	30.54	77.21	559.30	319.70	3,222.50	3,115.64	106.86	30.157		
10,200.00	7,084.83	6,625.00	6,506.76	94.86	30.54	77.21	559.30	319.70	3,287.19	3,179.44	107.75	30.508		
10,300.00	7,085.65	6,625.00	6,506.76	97.47	30.54	77.21	559.30	319.70	3,353.61	3,245.04	108.57	30.888		
10,400.00	7,086.48	6,625.00	6,506.76	100.10	30.54	77.21	559.30	319.70	3,421.67	3,312.33	109.34	31.294		
10,500.00	7,087.31	6,625.00	6,506.76	102.75	30.54	77.21	559.30	319.70	3,491.26	3,381.22	110.05	31.725		
10,600.00	7,088.13	6,625.00	6,506.76	105.40	30.54	77.21	559.30	319.70	3,562.31	3,451.60	110.70	32.179		
10,700.00	7,088.96	6,625.00	6,506.76	108.07	30.54	77.21	559.30	319.70	3,634.71	3,523.40	111.31	32.655		
10,800.00	7,089.78	6,625.00	6,506.76	110.75	30.54	77.21	559.30	319.70	3,708.40	3,596.53	111.87	33.150		
10,900.00	7,090.61	6,625.00	6,506.76	113.43	30.54	77.21	559.30	319.70	3,783.30	3,670.91	112.39	33.664		
11,000.00	7,091.44	6,625.00	6,506.76	116.13	30.54	77.21	559.30	319.70	3,859.33	3,746.47	112.86	34.195		
11,100.00	7,092.26	6,625.00	6,506.76	118.83	30.54	77.21	559.30	319.70	3,936.44	3,823.14	113.30	34.742		
11,200.00	7,093.09	6,625.00	6,506.76	121.54	30.54	77.21	559.30	319.70	4,014.56	3,900.85	113.71	35.304		
11,300.00	7,093.91	6,625.00	6,506.76	124.25	30.54	77.21	559.30	319.70	4,093.63	3,979.54	114.09	35.881		
11,400.00	7,094.74	6,625.00	6,506.76	126.98	30.54	77.21	559.30	319.70	4,173.60	4,059.16	114.44	36.470		
11,500.00	7,095.57	6,625.00	6,506.76	129.70	30.54	77.21	559.30	319.70	4,254.41	4,139.65	114.76	37.072		
11,600.00	7,096.39	6,625.00	6,506.76	132.44	30.54	77.21	559.30	319.70	4,336.03	4,220.97	115.06	37.686		
11,700.00	7,097.22	6,625.00	6,506.76	135.18	30.54	77.21	559.30	319.70	4,418.40	4,303.06	115.33	38.310		
11,800.00	7,098.04	6,625.00	6,506.76	137.92	30.54	77.21	559.30	319.70	4,501.48	4,385.89	115.59	38.944		
11,900.00	7,098.87	6,625.00	6,506.76	140.67	30.54	77.21	559.30	319.70	4,585.24	4,469.42	115.82	39.588		
12,000.00	7,099.69	6,625.00	6,506.76	143.43	30.54	77.21	559.30	319.70	4,669.64	4,553.60	116.04	40.241		
12,100.00	7,100.52	6,625.00	6,506.76	146.19	30.54	77.21	559.30	319.70	4,754.65	4,638.40	116.24	40.902		
12,200.00	7,101.35	6,625.00	6,506.76	148.95	30.54	77.21	559.30	319.70	4,840.22	4,723.79	116.43	41.571		
12,300.00	7,102.17	6,625.00	6,506.76	151.71	30.54	77.21	559.30	319.70	4,926.35	4,809.74	116.61	42.248		
12,400.00	7,103.00	6,625.00	6,506.76	154.48	30.54	77.21	559.30	319.70	5,012.98	4,896.21	116.77	42.932		
12,500.00	7,103.82	6,582.34	6,464.75	157.26	30.37	76.25	556.02	313.20	5,097.88	4,981.19	116.69	43.688		
12,600.00	7,104.65	6,581.55	6,463.97	160.03	30.37	76.23	555.97	313.11	5,185.39	5,068.56	116.83	44.386		
12,700.00	7,105.48	6,580.79	6,463.21	162.81	30.36	76.22	555.93	313.03	5,273.34	5,156.39	116.95	45.089		
12,800.00	7,106.30	6,580.05	6,462.48	165.59	30.36	76.20	555.89	312.96	5,361.71	5,244.64	117.07	45.799		
12,900.00	7,107.13	6,579.34	6,461.77	168.38	30.36	76.18	555.84	312.88	5,450.48	5,333.30	117.18	46.513		
13,000.00	7,107.95	6,578.65	6,461.08	171.16	30.35	76.17	555.81	312.81	5,539.64	5,422.35	117.29	47.232		
13,100.00	7,108.78	6,577.97	6,460.41	173.95	30.35	76.15	555.77	312.74	5,629.16	5,511.77	117.38	47.956		
13,200.00	7,109.61	6,577.32	6,459.76	176.74	30.35	76.14	555.73	312.68	5,719.02	5,601.55	117.47	48.685		
13,300.00	7,110.43	6,576.69	6,459.14	179.54	30.35	76.12	555.70	312.62	5,809.21	5,691.66	117.55	49.417		
13,368.87	7,111.00	6,576.27	6,458.71	181.46	30.35	76.11	555.68	312.58	5,871.51	5,753.90	117.61	49.924		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 140-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	134.14	-492.54	507.54	707.33					
100.00	100.00	81.52	81.51	3.28	3.29	134.13	-492.76	507.92	707.71	701.14	6.57	107.718		
200.00	200.00	177.49	177.48	3.34	3.31	134.10	-493.54	509.24	709.25	702.60	6.65	106.619		
300.00	299.98	283.97	283.94	3.44	3.41	-10.32	-494.08	510.59	708.81	701.95	6.85	103.451		
400.00	399.84	396.84	396.81	3.59	3.58	-10.53	-493.06	511.37	703.54	696.37	7.17	98.102		
500.00	499.45	529.39	529.21	3.79	3.84	-11.07	-487.28	510.86	691.78	684.11	7.66	90.266		
600.00	598.70	666.12	665.16	4.04	4.18	-12.13	-473.29	507.59	671.18	662.88	8.30	80.846		
700.00	697.47	802.09	798.84	4.32	4.59	-14.08	-449.14	502.92	641.79	632.75	9.04	71.008		
800.00	795.62	912.37	905.42	4.65	4.97	-16.76	-421.10	499.60	605.09	595.38	9.71	62.310		
900.00	893.06	1,011.25	999.98	5.01	5.34	-20.07	-392.32	496.86	564.26	553.89	10.37	54.409		
1,000.00	989.64	1,107.20	1,090.98	5.41	5.72	-24.22	-362.16	493.04	519.69	508.63	11.07	46.957		
1,100.00	1,085.27	1,189.77	1,169.21	5.85	6.08	-28.69	-336.06	488.95	473.49	461.73	11.75	40.286		
1,191.50	1,171.82	1,261.15	1,237.34	6.29	6.39	-33.23	-315.18	484.80	431.36	418.94	12.42	34.736		
1,200.00	1,179.82	1,269.04	1,244.90	6.34	6.43	-33.71	-312.98	484.30	427.47	414.98	12.49	34.218		
1,300.00	1,273.89	1,359.64	1,331.30	6.85	6.84	-40.03	-286.55	477.72	382.60	369.28	13.32	28.726		
1,400.00	1,367.96	1,436.63	1,404.08	7.38	7.21	-46.79	-262.07	472.09	341.73	327.52	14.22	24.039		
1,500.00	1,462.03	1,508.77	1,471.79	7.93	7.56	-54.44	-237.53	467.93	308.96	293.74	15.22	20.296		
1,600.00	1,556.10	1,582.76	1,541.15	8.49	7.93	-63.26	-211.93	465.13	288.00	271.70	16.30	17.670		
1,700.00	1,650.17	1,661.52	1,615.84	9.06	8.32	-72.81	-187.05	462.97	279.73	262.38	17.35	16.119		
1,713.27	1,662.66	1,671.79	1,625.61	9.14	8.38	-74.06	-183.87	462.74	279.61	262.13	17.48	15.992 CC, ES		
1,800.00	1,744.24	1,738.68	1,689.10	9.65	8.71	-82.17	-162.87	461.53	284.67	266.40	18.27	15.579 SF		
1,900.00	1,838.31	1,815.31	1,761.66	10.23	9.09	-91.04	-138.25	460.75	302.49	283.47	19.03	15.899		
2,000.00	1,932.38	1,895.41	1,837.36	10.83	9.50	-99.42	-112.04	460.39	331.07	311.37	19.70	16.805		
2,100.00	2,026.45	1,978.82	1,916.28	11.43	9.93	-107.05	-85.11	459.20	366.69	346.33	20.36	18.006		
2,200.00	2,120.52	2,060.14	1,993.22	12.03	10.35	-113.52	-58.86	456.90	407.70	386.72	20.99	19.427		
2,300.00	2,214.59	2,141.34	2,070.05	12.63	10.78	-119.04	-32.76	454.04	452.86	431.25	21.62	20.951		
2,400.00	2,308.66	2,223.53	2,147.90	13.24	11.21	-123.79	-6.61	450.69	500.95	478.68	22.28	22.487		
2,500.00	2,402.73	2,307.35	2,227.36	13.86	11.65	-127.97	19.69	446.25	551.02	528.04	22.98	23.977		
2,600.00	2,496.80	2,388.41	2,304.21	14.47	12.09	-131.54	44.84	440.63	602.63	578.97	23.66	25.470		
2,700.00	2,590.87	2,463.66	2,375.48	15.09	12.49	-134.46	68.29	434.76	655.94	631.66	24.28	27.021		
2,800.00	2,684.95	2,543.32	2,450.80	15.71	12.92	-137.10	93.57	428.94	711.03	686.05	24.97	28.471		
2,900.00	2,779.02	2,633.33	2,536.17	16.33	13.40	-139.70	121.24	422.05	766.30	740.47	25.83	29.667		
3,000.00	2,873.09	2,718.11	2,617.03	16.95	13.85	-141.65	146.31	417.61	821.26	794.63	26.63	30.839		
3,100.00	2,967.16	2,791.39	2,686.85	17.57	14.24	-142.98	168.48	415.86	877.17	849.88	27.29	32.140		
3,200.00	3,061.23	2,872.45	2,764.00	18.20	14.67	-144.27	193.29	414.10	933.72	905.65	28.07	33.262		
3,300.00	3,155.30	2,949.28	2,837.10	18.82	15.08	-145.40	216.86	411.86	990.72	961.92	28.80	34.401		
3,400.00	3,249.37	3,022.74	2,906.86	19.45	15.47	-146.35	239.80	410.16	1,048.37	1,018.88	29.49	35.551		
3,500.00	3,343.44	3,101.63	2,981.58	20.07	15.89	-147.15	265.10	410.10	1,106.69	1,076.42	30.27	36.563		
3,600.00	3,437.51	3,184.31	3,059.97	20.70	16.34	-147.90	291.37	410.15	1,164.88	1,133.78	31.10	37.452		
3,700.00	3,531.58	3,259.23	3,130.97	21.33	16.74	-148.54	315.29	409.70	1,223.40	1,191.57	31.84	38.429		
3,800.00	3,625.65	3,336.74	3,204.38	21.96	17.16	-149.19	340.15	408.49	1,282.28	1,249.68	32.61	39.327		
3,900.00	3,719.72	3,431.83	3,294.59	22.59	17.67	-149.97	370.10	406.08	1,340.93	1,307.32	33.61	39.897		
4,000.00	3,813.79	3,542.89	3,400.46	23.22	18.26	-150.69	403.62	405.31	1,398.32	1,363.51	34.81	40.169		
4,100.00	3,907.86	3,643.03	3,496.39	23.85	18.78	-151.26	432.36	405.52	1,454.40	1,418.54	35.86	40.558		
4,200.00	4,001.93	3,732.49	3,582.38	24.48	19.24	-151.74	457.02	405.44	1,509.61	1,472.83	36.77	41.053		
4,300.00	4,096.00	3,799.55	3,646.75	25.11	19.59	-152.07	475.82	405.35	1,565.30	1,527.88	37.42	41.832		
4,400.00	4,190.07	3,865.57	3,709.91	25.75	19.94	-152.37	495.02	405.47	1,621.86	1,583.81	38.06	42.617		
4,500.00	4,284.14	3,932.72	3,773.94	26.38	20.29	-152.64	515.25	405.92	1,679.26	1,640.55	38.71	43.378		
4,600.00	4,378.21	4,000.48	3,838.40	27.01	20.66	-152.89	536.16	406.25	1,737.34	1,697.96	39.38	44.120		
4,700.00	4,472.28	4,065.79	3,900.35	27.65	21.01	-153.12	556.82	406.50	1,796.11	1,756.10	40.02	44.886		
4,800.00	4,566.35	4,125.38	3,956.69	28.28	21.34	-153.32	576.21	406.70	1,855.68	1,815.10	40.58	45.726		
4,900.00	4,660.42	4,182.78	4,010.74	28.91	21.65	-153.49	595.56	406.89	1,916.23	1,875.10	41.12	46.598		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 140-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,243.94	4,068.10	29.55	22.00	-153.67	616.75	406.97	1,977.59	1,935.88	41.72	47.406		
5,100.00	4,848.56	4,439.62	4,253.21	30.18	23.07	-154.26	680.04	405.77	2,037.52	1,993.51	44.01	46.297		
5,200.00	4,942.63	4,546.13	4,355.30	30.82	23.63	-154.60	710.43	404.66	2,094.06	2,048.93	45.14	46.393		
5,300.00	5,036.70	5,300.00	4,449.84	31.45	27.55	-154.91	737.26	403.39	2,149.65	2,100.26	49.39	43.523		
5,400.00	5,130.77	4,694.92	4,498.39	32.09	24.40	-155.08	751.08	402.18	2,205.71	2,159.07	46.64	47.297		
5,500.00	5,224.84	4,737.00	4,538.64	32.72	24.63	-155.23	763.28	400.61	2,263.30	2,216.30	47.00	48.151		
5,600.00	5,318.91	4,792.81	4,591.78	33.36	24.93	-155.42	780.15	398.15	2,322.08	2,274.54	47.54	48.848		
5,700.00	5,412.98	4,875.99	4,670.78	33.99	25.38	-155.70	805.91	394.34	2,381.56	2,333.16	48.40	49.204		
5,800.00	5,507.06	4,950.70	4,741.93	34.63	25.79	-155.96	828.40	390.61	2,440.46	2,391.30	49.16	49.638		
5,900.00	5,601.13	4,993.29	4,782.31	35.26	26.03	-156.10	841.71	388.24	2,500.43	2,450.89	49.54	50.476		
6,000.00	5,695.20	5,144.13	4,925.47	35.90	26.86	-156.62	888.16	378.42	2,560.62	2,509.40	51.22	49.997		
6,100.00	5,789.27	5,247.13	5,024.06	36.54	27.41	-156.98	917.10	371.24	2,618.36	2,566.06	52.30	50.065		
6,200.00	5,883.34	6,200.00	5,312.97	37.17	32.05	-157.91	991.15	353.83	2,674.49	2,616.07	58.42	45.778		
6,300.00	5,977.41	5,711.62	5,475.46	37.81	29.70	-158.44	1,021.26	344.81	2,723.43	2,666.47	56.96	47.809		
6,400.00	6,071.48	5,910.24	5,671.38	38.44	30.60	-158.88	1,053.63	341.62	2,770.28	2,711.53	58.75	47.155		
6,500.00	6,165.55	6,018.34	5,778.40	39.08	31.07	-159.09	1,068.88	341.11	2,814.90	2,755.14	59.76	47.104		
6,600.00	6,259.62	6,101.77	5,861.05	39.72	31.43	-159.27	1,080.19	339.97	2,859.32	2,798.74	60.58	47.203		
6,677.33	6,332.36	6,324.56	6,082.23	40.21	32.37	-159.68	1,106.61	340.13	2,892.91	2,830.56	62.34	46.402		
6,700.00	6,353.76	7,901.22	7,072.47	40.35	40.84	-149.21	1,148.63	1,262.23	2,899.45	2,826.24	73.21	39.606		
6,750.00	6,401.37	7,906.37	7,072.27	40.64	40.92	-162.16	1,148.54	1,267.38	2,901.22	2,827.35	73.87	39.277		
6,800.00	6,449.30	7,907.18	7,072.24	40.89	40.93	-177.31	1,148.53	1,268.18	2,903.94	2,829.52	74.41	39.024		
6,850.00	6,497.25	7,903.37	7,072.39	41.11	40.88	167.15	1,148.59	1,264.37	2,907.59	2,832.74	74.85	38.846		
6,900.00	6,544.95	7,894.64	7,072.74	41.29	40.75	153.20	1,148.73	1,255.65	2,912.14	2,836.97	75.17	38.741		
6,950.00	6,592.08	7,880.74	7,073.36	41.45	40.54	141.72	1,148.93	1,241.77	2,917.52	2,842.14	75.37	38.707		
7,000.00	6,638.35	7,861.43	7,074.32	41.58	40.25	132.61	1,149.17	1,222.48	2,923.63	2,848.16	75.46	38.742		
7,050.00	6,683.50	7,836.50	7,075.75	41.70	39.88	125.35	1,149.41	1,197.60	2,930.34	2,854.90	75.44	38.844		
7,100.00	6,727.22	7,815.14	7,077.09	41.81	39.58	119.60	1,149.58	1,176.28	2,937.54	2,862.06	75.48	38.917		
7,150.00	6,769.26	7,797.61	7,077.98	41.92	39.35	114.98	1,149.78	1,158.77	2,945.18	2,869.58	75.60	38.957		
7,200.00	6,809.36	7,778.75	7,078.66	42.03	39.10	111.10	1,150.08	1,139.93	2,953.17	2,877.47	75.70	39.011		
7,250.00	6,847.27	7,543.00	7,045.75	42.15	36.59	104.23	1,149.88	908.04	2,960.56	2,887.90	72.66	40.745		
7,300.00	6,882.75	7,543.00	7,045.75	42.27	36.59	101.84	1,149.88	908.04	2,967.07	2,894.00	73.07	40.606		
7,350.00	6,915.58	7,509.38	7,033.87	42.41	36.36	99.22	1,149.00	876.61	2,973.13	2,900.03	73.10	40.674		
7,400.00	6,945.57	7,500.95	7,030.59	42.57	36.31	97.33	1,148.90	868.84	2,979.47	2,906.02	73.45	40.564		
7,450.00	6,972.53	7,491.87	7,026.92	42.75	36.25	95.67	1,148.86	860.53	2,985.71	2,911.88	73.83	40.441		
7,500.00	6,996.30	7,482.23	7,022.87	42.95	36.19	94.21	1,148.87	851.78	2,991.78	2,917.55	74.24	40.301		
7,550.00	7,016.72	7,450.00	7,008.23	43.17	36.02	92.60	1,149.42	823.08	2,997.89	2,923.49	74.40	40.293		
7,600.00	7,033.66	7,450.00	7,008.23	43.43	36.02	91.65	1,149.42	823.08	3,003.28	2,928.27	75.01	40.037		
7,650.00	7,047.04	7,450.00	7,008.23	43.72	36.02	90.84	1,149.42	823.08	3,008.46	2,932.79	75.66	39.760		
7,700.00	7,056.76	7,430.31	6,998.59	44.05	35.93	89.92	1,150.02	805.93	3,013.26	2,937.12	76.14	39.577		
7,750.00	7,062.76	7,409.17	6,987.86	44.41	35.84	89.15	1,150.78	787.73	3,017.50	2,940.88	76.63	39.379		
7,799.36	7,065.00	7,387.81	6,976.62	44.81	35.75	88.56	1,151.66	769.59	3,021.08	2,943.95	77.13	39.168		
7,900.00	7,065.83	7,072.00	6,777.73	45.73	34.93	84.76	1,152.86	525.22	3,027.43	2,951.74	75.69	39.999		
8,000.00	7,066.66	7,023.28	6,742.27	46.83	34.81	84.08	1,150.38	491.91	3,030.38	2,953.36	77.03	39.342		
8,100.00	7,067.49	6,979.00	6,708.33	48.11	34.70	83.43	1,148.23	463.56	3,035.71	2,957.20	78.51	38.666		
8,200.00	7,068.31	6,949.46	6,684.70	49.55	34.62	82.98	1,146.84	445.89	3,043.55	2,963.32	80.23	37.935		
8,300.00	7,069.14	6,920.82	6,660.93	51.14	34.54	82.53	1,145.50	429.98	3,054.08	2,972.05	82.03	37.233		
8,400.00	7,069.96	6,885.00	6,630.10	52.86	34.44	81.95	1,143.85	411.81	3,067.41	2,983.61	83.81	36.600		
8,500.00	7,070.79	6,790.00	6,543.49	54.70	34.12	80.30	1,136.24	373.90	3,082.89	2,997.78	85.11	36.222		
8,600.00	7,071.61	6,790.00	6,543.49	56.64	34.12	80.30	1,136.24	373.90	3,100.95	3,013.69	87.25	35.539		
8,700.00	7,072.44	6,790.00	6,543.49	58.68	34.12	80.30	1,136.24	373.90	3,122.10	3,032.71	89.39	34.927		
8,800.00	7,073.27	6,790.00	6,543.49	60.78	34.12	80.30	1,136.24	373.90	3,146.29	3,054.79	91.51	34.383		
8,900.00	7,074.09	6,790.00	6,543.49	62.96	34.12	80.30	1,136.24	373.90	3,173.45	3,079.86	93.59	33.908		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 140-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	6,753.40	6,508.61	65.19	33.99	79.64	1,132.41	363.49	3,202.52	3,107.19	95.33	33.593		
9,100.00	7,075.74	6,748.40	6,503.79	67.48	33.97	79.55	1,131.95	362.25	3,235.07	3,137.78	97.29	33.252		
9,200.00	7,076.57	6,743.75	6,499.30	69.82	33.96	79.47	1,131.52	361.14	3,270.31	3,171.12	99.19	32.969		
9,300.00	7,077.40	6,739.43	6,495.11	72.19	33.94	79.39	1,131.14	360.14	3,308.17	3,207.14	101.04	32.743		
9,400.00	7,078.22	6,735.39	6,491.19	74.61	33.93	79.31	1,130.80	359.24	3,348.56	3,245.75	102.82	32.568		
9,500.00	7,079.05	6,695.00	6,451.61	77.05	33.78	78.57	1,127.83	351.83	3,392.51	3,288.27	104.24	32.546		
9,600.00	7,079.87	6,695.00	6,451.61	79.53	33.78	78.57	1,127.83	351.83	3,437.51	3,331.60	105.92	32.455		
9,700.00	7,080.70	6,695.00	6,451.61	82.03	33.78	78.57	1,127.83	351.83	3,484.81	3,377.29	107.52	32.410		
9,800.00	7,081.53	6,695.00	6,451.61	84.55	33.78	78.57	1,127.83	351.83	3,534.30	3,425.24	109.06	32.408		
9,900.00	7,082.35	6,695.00	6,451.61	87.10	33.78	78.57	1,127.83	351.83	3,585.90	3,475.38	110.52	32.447		
10,000.00	7,083.18	6,695.00	6,451.61	89.67	33.78	78.57	1,127.83	351.83	3,639.51	3,527.61	111.91	32.523		
10,100.00	7,084.00	6,695.00	6,451.61	92.25	33.78	78.57	1,127.83	351.83	3,695.06	3,581.83	113.23	32.634		
10,200.00	7,084.83	6,695.00	6,451.61	94.86	33.78	78.57	1,127.83	351.83	3,752.44	3,637.96	114.48	32.778		
10,300.00	7,085.65	6,695.00	6,451.61	97.47	33.78	78.57	1,127.83	351.83	3,811.59	3,695.92	115.67	32.953		
10,400.00	7,086.48	6,695.00	6,451.61	100.10	33.78	78.57	1,127.83	351.83	3,872.42	3,755.62	116.79	33.157		
10,500.00	7,087.31	6,695.00	6,451.61	102.75	33.78	78.57	1,127.83	351.83	3,934.84	3,816.99	117.85	33.387		
10,600.00	7,088.13	6,695.00	6,451.61	105.40	33.78	78.57	1,127.83	351.83	3,998.80	3,879.94	118.86	33.643		
10,700.00	7,088.96	6,695.00	6,451.61	108.07	33.78	78.57	1,127.83	351.83	4,064.21	3,944.40	119.81	33.923		
10,800.00	7,089.78	6,695.00	6,451.61	110.75	33.78	78.57	1,127.83	351.83	4,131.00	4,010.30	120.70	34.225		
10,900.00	7,090.61	6,695.00	6,451.61	113.43	33.78	78.57	1,127.83	351.83	4,199.11	4,077.56	121.55	34.547		
11,000.00	7,091.44	6,695.00	6,451.61	116.13	33.78	78.57	1,127.83	351.83	4,268.48	4,146.14	122.34	34.889		
11,100.00	7,092.26	6,695.00	6,451.61	118.83	33.78	78.57	1,127.83	351.83	4,339.05	4,215.95	123.10	35.249		
11,200.00	7,093.09	6,695.00	6,451.61	121.54	33.78	78.57	1,127.83	351.83	4,410.75	4,286.94	123.80	35.627		
11,300.00	7,093.91	6,695.00	6,451.61	124.25	33.78	78.57	1,127.83	351.83	4,483.54	4,359.06	124.47	36.020		
11,400.00	7,094.74	6,695.00	6,451.61	126.98	33.78	78.57	1,127.83	351.83	4,557.36	4,432.25	125.10	36.429		
11,500.00	7,095.57	6,695.00	6,451.61	129.70	33.78	78.57	1,127.83	351.83	4,632.16	4,506.46	125.70	36.852		
11,600.00	7,096.39	6,695.00	6,451.61	132.44	33.78	78.57	1,127.83	351.83	4,707.89	4,581.64	126.26	37.288		
11,700.00	7,097.22	6,695.00	6,451.61	135.18	33.78	78.57	1,127.83	351.83	4,784.52	4,657.74	126.78	37.738		
11,800.00	7,098.04	6,695.00	6,451.61	137.92	33.78	78.57	1,127.83	351.83	4,862.00	4,734.72	127.28	38.199		
11,900.00	7,098.87	6,695.00	6,451.61	140.67	33.78	78.57	1,127.83	351.83	4,940.29	4,812.54	127.75	38.671		
12,000.00	7,099.69	6,695.00	6,451.61	143.43	33.78	78.57	1,127.83	351.83	5,019.34	4,891.15	128.19	39.154		
12,100.00	7,100.52	6,695.00	6,451.61	146.19	33.78	78.57	1,127.83	351.83	5,099.14	4,970.53	128.61	39.648		
12,200.00	7,101.35	6,695.00	6,451.61	148.95	33.78	78.57	1,127.83	351.83	5,179.63	5,050.63	129.01	40.150		
12,300.00	7,102.17	6,695.00	6,451.61	151.71	33.78	78.57	1,127.83	351.83	5,260.80	5,131.42	129.38	40.662		
12,400.00	7,103.00	6,695.00	6,451.61	154.48	33.78	78.57	1,127.83	351.83	5,342.60	5,212.87	129.73	41.183		
12,500.00	7,103.82	6,695.00	6,451.61	157.26	33.78	78.57	1,127.83	351.83	5,425.01	5,294.95	130.06	41.711		
12,600.00	7,104.65	6,695.00	6,451.61	160.03	33.78	78.57	1,127.83	351.83	5,508.01	5,377.63	130.38	42.247		
12,700.00	7,105.48	6,695.00	6,451.61	162.81	33.78	78.57	1,127.83	351.83	5,591.56	5,460.89	130.67	42.791		
12,800.00	7,106.30	6,695.00	6,451.61	165.59	33.78	78.57	1,127.83	351.83	5,675.64	5,544.69	130.95	43.341		
12,900.00	7,107.13	6,695.00	6,451.61	168.38	33.78	78.57	1,127.83	351.83	5,760.24	5,629.02	131.22	43.898		
13,000.00	7,107.95	6,695.00	6,451.61	171.16	33.78	78.57	1,127.83	351.83	5,845.31	5,713.84	131.47	44.461		
13,100.00	7,108.78	6,695.00	6,451.61	173.95	33.78	78.57	1,127.83	351.83	5,930.86	5,799.15	131.71	45.030		
13,200.00	7,109.61	6,695.00	6,451.61	176.74	33.78	78.57	1,127.83	351.83	6,016.85	5,884.91	131.94	45.604		
13,300.00	7,110.43	6,695.00	6,451.61	179.54	33.78	78.57	1,127.83	351.83	6,103.27	5,971.12	132.15	46.184		
13,368.87	7,111.00	6,695.00	6,451.61	181.46	33.78	78.57	1,127.83	351.83	6,163.02	6,030.73	132.29	46.587		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 437-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	135.28	-512.57	507.54	721.42					
100.00	100.00	96.01	96.01	3.28	3.29	135.27	-512.12	507.33	720.90	714.33	6.57	109.694		
200.00	200.00	203.87	203.86	3.34	3.31	135.22	-510.55	506.59	719.38	712.73	6.65	108.190		
300.00	299.98	311.59	311.53	3.44	3.35	-9.24	-507.86	505.31	715.05	708.26	6.80	105.213		
400.00	399.84	418.88	418.74	3.59	3.41	-9.46	-504.05	503.51	706.20	699.19	7.01	100.714		
500.00	499.45	535.91	535.55	3.79	3.57	-9.90	-497.50	501.09	692.25	684.86	7.39	93.670		
600.00	598.70	646.93	646.07	4.04	3.80	-10.70	-487.16	499.19	672.61	664.74	7.87	85.490		
700.00	697.47	758.31	756.49	4.32	4.08	-11.98	-472.69	498.14	647.82	639.38	8.43	76.839		
800.00	795.62	871.87	868.37	4.65	4.41	-13.89	-453.31	497.12	617.37	608.30	9.08	68.029		
900.00	893.06	985.42	979.31	5.01	4.78	-16.56	-429.17	495.28	581.13	571.35	9.78	59.422		
1,000.00	989.64	1,085.77	1,076.58	5.41	5.13	-19.70	-404.72	492.25	539.76	529.29	10.47	51.546		
1,100.00	1,085.27	1,171.37	1,159.47	5.85	5.46	-23.06	-383.63	488.77	495.67	484.52	11.14	44.481		
1,191.50	1,171.82	1,256.58	1,241.98	6.29	5.81	-27.14	-362.79	484.59	453.62	441.80	11.83	38.359		
1,200.00	1,179.82	1,264.52	1,249.66	6.34	5.84	-27.53	-360.80	484.12	449.60	437.70	11.90	37.791		
1,300.00	1,273.89	1,356.58	1,338.25	6.85	6.24	-32.72	-336.53	478.08	402.48	389.81	12.67	31.759		
1,400.00	1,367.96	1,435.59	1,413.71	7.38	6.59	-38.47	-313.71	472.89	357.57	344.06	13.50	26.482		
1,500.00	1,462.03	1,516.18	1,490.40	7.93	6.97	-45.77	-289.35	468.57	318.05	303.61	14.45	22.016		
1,600.00	1,556.10	1,593.90	1,564.19	8.49	7.33	-54.18	-265.30	464.29	285.53	270.03	15.50	18.420		
1,700.00	1,650.17	1,669.98	1,636.84	9.06	7.70	-63.30	-242.90	461.41	264.24	247.63	16.61	15.909		
1,800.00	1,744.24	1,753.76	1,717.27	9.65	8.09	-73.85	-219.59	458.99	255.20	237.50	17.70	14.416		
1,831.04	1,773.44	1,780.91	1,743.43	9.83	8.22	-77.29	-212.36	458.05	254.68	236.65	18.03	14.127 CC, ES		
1,900.00	1,838.31	1,841.84	1,802.28	10.23	8.51	-84.90	-196.79	455.58	257.18	238.47	18.71	13.747 SF		
2,000.00	1,932.38	1,924.69	1,882.38	10.83	8.90	-94.83	-175.97	451.75	270.06	250.53	19.52	13.831		
2,100.00	2,026.45	2,003.77	1,958.63	11.43	9.29	-103.58	-155.37	447.97	293.67	273.50	20.17	14.562		
2,200.00	2,120.52	2,083.18	2,034.89	12.03	9.68	-111.36	-133.53	444.18	326.54	305.81	20.73	15.752		
2,300.00	2,214.59	2,163.72	2,112.12	12.63	10.08	-118.05	-110.99	440.41	365.98	344.68	21.29	17.187		
2,400.00	2,308.66	2,241.14	2,186.40	13.24	10.47	-123.31	-89.35	437.64	410.01	388.17	21.83	18.778		
2,500.00	2,402.73	2,312.33	2,254.26	13.86	10.83	-127.38	-67.98	435.43	458.79	436.49	22.30	20.572		
2,600.00	2,496.80	2,406.43	2,344.06	14.47	11.31	-131.87	-40.08	431.98	509.39	486.22	23.17	21.988		
2,700.00	2,590.87	2,483.39	2,417.69	15.09	11.71	-134.89	-17.83	429.28	560.95	537.17	23.78	23.585		
2,800.00	2,684.95	2,579.90	2,510.27	15.71	12.20	-138.04	9.24	426.03	612.99	588.27	24.72	24.798		
2,900.00	2,779.02	2,655.94	2,583.42	16.33	12.58	-140.11	29.88	423.82	665.14	639.77	25.36	26.224		
3,000.00	2,873.09	2,731.27	2,655.67	16.95	12.97	-141.80	51.13	422.65	718.81	692.79	26.02	27.626		
3,100.00	2,967.16	2,803.34	2,724.59	17.57	13.34	-143.24	72.16	421.16	773.81	747.17	26.64	29.049		
3,200.00	3,061.23	2,873.94	2,791.79	18.20	13.71	-144.45	93.79	420.21	830.38	803.13	27.25	30.472		
3,300.00	3,155.30	2,955.71	2,869.51	18.82	14.14	-145.69	119.18	419.02	887.62	859.57	28.05	31.649		
3,400.00	3,249.37	3,048.31	2,957.73	19.45	14.62	-146.96	147.26	417.23	944.55	915.55	29.00	32.567		
3,500.00	3,343.44	3,161.58	3,066.56	20.07	15.21	-148.33	178.53	414.95	999.24	969.01	30.23	33.052		
3,600.00	3,437.51	3,226.22	3,128.71	20.70	15.54	-149.03	196.27	413.67	1,054.15	1,023.36	30.79	34.232		
3,700.00	3,531.58	3,294.38	3,193.95	21.33	15.89	-149.70	215.97	412.22	1,110.47	1,079.06	31.41	35.354		
3,800.00	3,625.65	3,421.26	3,315.60	21.96	16.55	-150.84	251.85	409.11	1,166.82	1,134.00	32.82	35.554		
3,900.00	3,719.72	3,501.25	3,392.86	22.59	16.96	-151.55	272.35	406.42	1,220.84	1,187.24	33.59	36.344		
4,000.00	3,813.79	3,562.98	3,452.38	23.22	17.27	-152.09	288.46	403.44	1,275.67	1,241.54	34.13	37.373		
4,100.00	3,907.86	3,631.40	3,518.00	23.85	17.63	-152.68	307.42	399.50	1,332.07	1,297.31	34.76	38.318		
4,200.00	4,001.93	3,730.39	3,613.06	24.48	18.15	-153.46	334.49	394.09	1,388.31	1,352.52	35.80	38.783		
4,300.00	4,096.00	3,817.34	3,696.84	25.11	18.60	-154.05	357.41	390.14	1,443.63	1,406.96	36.67	39.365		
4,400.00	4,190.07	3,883.00	3,759.94	25.75	18.94	-154.44	375.39	387.51	1,499.78	1,462.50	37.28	40.227		
4,500.00	4,284.14	3,922.09	3,797.28	26.38	19.15	-154.65	386.86	386.02	1,557.54	1,519.99	37.55	41.481		
4,600.00	4,378.21	3,976.00	3,848.27	27.01	19.44	-154.92	404.22	384.02	1,617.52	1,579.51	38.01	42.560		
4,700.00	4,472.28	4,006.95	3,877.31	27.65	19.62	-155.05	414.86	382.83	1,679.14	1,641.00	38.14	44.024		
4,800.00	4,566.35	4,054.02	3,921.24	28.28	19.88	-155.26	431.65	380.84	1,742.33	1,703.83	38.50	45.252		
4,900.00	4,660.42	4,129.56	3,991.41	28.91	20.32	-155.57	459.38	377.25	1,806.48	1,767.19	39.29	45.981		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 437-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	5,000.00	4,153.78	29.55	25.13	-156.31	518.63	367.68	1,869.35	1,824.38	44.97	41.571		
5,100.00	4,848.56	4,503.90	4,347.08	30.18	22.35	-157.12	573.40	358.61	1,924.54	1,880.81	43.73	44.006		
5,200.00	4,942.63	4,579.22	4,419.84	30.82	22.73	-157.40	592.63	355.41	1,979.63	1,935.15	44.48	44.506		
5,300.00	5,036.70	4,653.31	4,491.34	31.45	23.12	-157.65	611.82	352.47	2,035.01	1,989.79	45.22	45.007		
5,400.00	5,130.77	4,718.33	4,553.92	32.09	23.45	-157.84	629.32	350.57	2,091.00	2,045.15	45.85	45.608		
5,500.00	5,224.84	4,849.09	4,680.20	32.72	24.12	-158.20	663.02	346.69	2,145.88	2,098.63	47.25	45.420		
5,600.00	5,318.91	4,913.72	4,742.68	33.36	24.45	-158.38	679.41	344.45	2,200.77	2,152.89	47.88	45.969		
5,700.00	5,412.98	4,985.90	4,812.33	33.99	24.83	-158.57	698.15	341.81	2,256.22	2,207.63	48.59	46.430		
5,800.00	5,507.06	5,070.40	4,893.83	34.63	25.26	-158.80	720.23	338.41	2,311.93	2,262.47	49.46	46.748		
5,900.00	5,601.13	5,135.85	4,956.93	35.26	25.60	-158.97	737.36	335.69	2,367.75	2,317.65	50.10	47.262		
6,000.00	5,695.20	5,735.16	5,545.41	35.90	28.36	-160.33	840.87	325.50	2,419.51	2,363.96	55.55	43.557		
6,100.00	5,789.27	5,842.37	5,652.45	36.54	28.77	-160.59	846.91	325.74	2,456.68	2,400.18	56.50	43.484		
6,200.00	5,883.34	5,904.11	5,714.08	37.17	29.02	-160.75	850.45	325.19	2,494.31	2,437.14	57.16	43.634		
6,300.00	5,977.41	6,027.90	5,837.63	37.81	29.50	-161.08	857.87	323.22	2,532.54	2,474.32	58.22	43.499		
6,400.00	6,071.48	6,174.34	5,983.95	38.44	30.06	-161.43	863.74	322.85	2,568.46	2,509.07	59.39	43.245		
6,500.00	6,165.55	6,327.46	6,137.04	39.08	30.63	-161.81	866.71	322.26	2,602.77	2,542.20	60.57	42.971		
6,600.00	6,259.62	6,430.57	6,240.15	39.72	31.00	-162.07	867.10	321.73	2,635.71	2,574.24	61.47	42.880		
6,677.33	6,332.36	7,867.00	7,139.87	40.21	38.56	-146.89	880.74	1,155.76	2,660.19	2,590.32	69.87	38.075		
6,700.00	6,353.76	7,867.00	7,139.87	40.35	38.56	-151.81	880.74	1,155.76	2,659.71	2,589.55	70.16	37.911		
6,749.94	6,401.31	7,867.00	7,139.87	40.64	38.56	-164.64	880.74	1,155.76	2,659.27	2,588.50	70.77	37.575		
6,750.00	6,401.37	7,867.00	7,139.87	40.64	38.56	-164.66	880.74	1,155.76	2,659.27	2,588.50	70.77	37.575		
6,800.00	6,449.30	7,867.00	7,139.87	40.89	38.56	-179.62	880.74	1,155.76	2,659.71	2,588.35	71.36	37.274		
6,850.00	6,497.25	7,867.00	7,139.87	41.11	38.56	165.13	880.74	1,155.76	2,661.00	2,589.10	71.90	37.008		
6,900.00	6,544.95	7,867.00	7,139.87	41.29	38.56	151.56	880.74	1,155.76	2,663.16	2,590.73	72.42	36.773		
6,950.00	6,592.08	7,851.43	7,139.79	41.45	38.34	140.24	880.49	1,140.19	2,666.07	2,593.41	72.66	36.692		
7,000.00	6,638.35	7,843.44	7,139.75	41.58	38.23	131.54	880.39	1,132.20	2,669.78	2,596.78	73.00	36.572		
7,050.00	6,683.50	7,833.17	7,139.72	41.70	38.09	124.74	880.27	1,121.93	2,674.19	2,600.91	73.29	36.490		
7,100.00	6,727.22	7,820.67	7,139.69	41.81	37.92	119.32	880.17	1,109.43	2,679.24	2,605.72	73.52	36.441		
7,150.00	6,769.26	7,806.01	7,139.69	41.92	37.72	114.91	880.09	1,094.77	2,684.83	2,611.12	73.71	36.422		
7,200.00	6,809.36	7,789.29	7,139.71	42.03	37.49	111.21	880.06	1,078.05	2,690.88	2,617.01	73.87	36.427		
7,250.00	6,847.27	7,762.79	7,139.79	42.15	37.15	107.94	880.12	1,051.55	2,697.27	2,623.40	73.88	36.511		
7,300.00	6,882.75	7,708.20	7,139.24	42.27	36.50	104.70	879.97	996.97	2,703.51	2,630.03	73.49	36.790		
7,350.00	6,915.58	7,683.50	7,138.28	42.41	36.23	102.31	879.97	972.29	2,709.73	2,636.14	73.59	36.822		
7,400.00	6,945.57	7,658.17	7,136.65	42.57	35.96	100.21	880.13	947.01	2,715.92	2,642.21	73.71	36.847		
7,450.00	6,972.53	7,626.00	7,133.65	42.75	35.62	98.28	880.56	914.98	2,722.01	2,648.25	73.75	36.906		
7,500.00	6,996.30	7,531.00	7,116.20	42.95	34.83	95.75	881.18	821.70	2,727.17	2,654.12	73.04	37.337		
7,550.00	7,016.72	7,504.02	7,108.67	43.17	34.65	94.36	881.22	795.79	2,731.61	2,658.30	73.31	37.261		
7,600.00	7,033.66	7,485.20	7,102.74	43.43	34.54	93.26	881.44	777.93	2,735.84	2,662.12	73.71	37.115		
7,650.00	7,047.04	7,466.20	7,096.18	43.72	34.44	92.32	881.82	760.11	2,739.76	2,665.61	74.15	36.947		
7,700.00	7,056.76	7,437.00	7,085.01	44.05	34.30	91.42	882.71	733.14	2,743.37	2,668.86	74.51	36.819		
7,750.00	7,062.76	7,229.98	6,972.48	44.41	33.66	88.35	882.66	560.64	2,745.32	2,672.11	73.22	37.496		
7,799.36	7,065.00	7,206.20	6,956.04	44.81	33.59	87.95	881.89	543.47	2,745.16	2,671.39	73.77	37.212		
7,837.73	7,065.32	7,188.04	6,943.13	45.15	33.54	87.68	881.36	530.71	2,744.98	2,670.74	74.25	36.972		
7,900.00	7,065.83	7,166.98	6,927.78	45.73	33.49	87.36	880.78	516.30	2,745.46	2,670.38	75.08	36.568		
8,000.00	7,066.66	7,090.42	6,868.63	46.83	33.27	86.11	878.72	467.80	2,748.10	2,671.88	76.22	36.055		
8,100.00	7,067.49	7,026.01	6,815.08	48.11	33.08	84.99	876.30	432.12	2,752.90	2,675.33	77.57	35.490		
8,200.00	7,068.31	6,970.31	6,766.75	49.55	32.91	83.98	873.63	404.59	2,760.17	2,681.09	79.08	34.905		
8,300.00	7,069.14	6,966.00	6,762.94	51.14	32.89	83.90	873.40	402.58	2,770.50	2,689.40	81.10	34.163		
8,400.00	7,069.96	6,932.16	6,732.59	52.86	32.78	83.26	871.75	387.71	2,783.86	2,700.95	82.91	33.578		
8,500.00	7,070.79	6,917.08	6,718.82	54.70	32.73	82.97	871.12	381.59	2,800.62	2,715.72	84.89	32.989		
8,600.00	7,071.61	6,903.49	6,706.29	56.64	32.69	82.71	870.61	376.35	2,820.63	2,733.73	86.90	32.460		
8,700.00	7,072.44	6,872.00	6,676.86	58.68	32.58	82.10	869.63	365.20	2,844.04	2,755.31	88.73	32.052		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 437-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,073.27	6,872.00	6,676.86	60.78	32.58	82.10	869.63	365.20	2,870.25	2,779.45	90.80	31.611		
8,900.00	7,074.09	6,872.00	6,676.86	62.96	32.58	82.10	869.63	365.20	2,899.68	2,806.86	92.82	31.240		
9,000.00	7,074.92	6,872.00	6,676.86	65.19	32.58	82.10	869.63	365.20	2,932.23	2,837.44	94.78	30.936		
9,100.00	7,075.74	6,872.00	6,676.86	67.48	32.58	82.10	869.63	365.20	2,967.78	2,871.11	96.68	30.697		
9,200.00	7,076.57	6,872.00	6,676.86	69.82	32.58	82.10	869.63	365.20	3,006.25	2,907.75	98.50	30.519		
9,300.00	7,077.40	6,836.01	6,642.63	72.19	32.46	81.39	868.90	354.11	3,046.71	2,946.69	100.01	30.463		
9,400.00	7,078.22	6,828.98	6,635.89	74.61	32.43	81.26	868.80	352.14	3,090.28	2,988.64	101.65	30.402		
9,500.00	7,079.05	6,822.40	6,629.56	77.05	32.41	81.13	868.73	350.36	3,136.39	3,033.18	103.21	30.389		
9,600.00	7,079.87	6,816.24	6,623.62	79.53	32.39	81.00	868.68	348.74	3,184.91	3,080.22	104.69	30.422		
9,700.00	7,080.70	6,777.00	6,585.45	82.03	32.25	80.22	868.65	339.62	3,236.51	3,130.63	105.88	30.567		
9,800.00	7,081.53	6,777.00	6,585.45	84.55	32.25	80.22	868.65	339.62	3,289.35	3,182.09	107.26	30.667		
9,900.00	7,082.35	6,777.00	6,585.45	87.10	32.25	80.22	868.65	339.62	3,344.35	3,235.79	108.56	30.807		
10,000.00	7,083.18	6,777.00	6,585.45	89.67	32.25	80.22	868.65	339.62	3,401.39	3,291.61	109.78	30.983		
10,100.00	7,084.00	6,777.00	6,585.45	92.25	32.25	80.22	868.65	339.62	3,460.39	3,349.46	110.93	31.194		
10,200.00	7,084.83	6,777.00	6,585.45	94.86	32.25	80.22	868.65	339.62	3,521.24	3,409.23	112.01	31.436		
10,300.00	7,085.65	6,777.00	6,585.45	97.47	32.25	80.22	868.65	339.62	3,583.85	3,470.82	113.03	31.707		
10,400.00	7,086.48	6,777.00	6,585.45	100.10	32.25	80.22	868.65	339.62	3,648.13	3,534.14	113.98	32.007		
10,500.00	7,087.31	6,777.00	6,585.45	102.75	32.25	80.22	868.65	339.62	3,713.98	3,599.11	114.87	32.331		
10,600.00	7,088.13	6,777.00	6,585.45	105.40	32.25	80.22	868.65	339.62	3,781.33	3,665.63	115.71	32.680		
10,700.00	7,088.96	6,777.00	6,585.45	108.07	32.25	80.22	868.65	339.62	3,850.11	3,733.62	116.49	33.052		
10,800.00	7,089.78	6,777.00	6,585.45	110.75	32.25	80.22	868.65	339.62	3,920.22	3,803.01	117.22	33.444		
10,900.00	7,090.61	6,777.00	6,585.45	113.43	32.25	80.22	868.65	339.62	3,991.61	3,873.71	117.90	33.856		
11,000.00	7,091.44	6,777.00	6,585.45	116.13	32.25	80.22	868.65	339.62	4,064.21	3,945.67	118.54	34.286		
11,100.00	7,092.26	6,777.00	6,585.45	118.83	32.25	80.22	868.65	339.62	4,137.95	4,018.82	119.14	34.733		
11,200.00	7,093.09	6,777.00	6,585.45	121.54	32.25	80.22	868.65	339.62	4,212.78	4,093.08	119.69	35.196		
11,300.00	7,093.91	6,777.00	6,585.45	124.25	32.25	80.22	868.65	339.62	4,288.63	4,168.41	120.22	35.675		
11,400.00	7,094.74	6,777.00	6,585.45	126.98	32.25	80.22	868.65	339.62	4,365.45	4,244.75	120.70	36.167		
11,500.00	7,095.57	6,738.90	6,547.98	129.70	32.12	79.46	868.78	332.77	4,442.29	4,321.28	121.01	36.709		
11,600.00	7,096.39	6,736.35	6,545.46	132.44	32.11	79.41	868.78	332.39	4,520.78	4,399.34	121.43	37.229		
11,700.00	7,097.22	6,733.92	6,543.06	135.18	32.10	79.36	868.78	332.03	4,600.09	4,478.27	121.82	37.760		
11,800.00	7,098.04	6,731.61	6,540.77	137.92	32.09	79.31	868.78	331.69	4,680.19	4,558.00	122.19	38.302		
11,900.00	7,098.87	6,729.40	6,538.59	140.67	32.08	79.27	868.78	331.38	4,761.04	4,638.50	122.54	38.854		
12,000.00	7,099.69	6,727.30	6,536.50	143.43	32.08	79.23	868.78	331.09	4,842.59	4,719.74	122.86	39.416		
12,100.00	7,100.52	6,725.28	6,534.50	146.19	32.07	79.19	868.77	330.82	4,924.83	4,801.67	123.16	39.987		
12,200.00	7,101.35	6,723.35	6,532.59	148.95	32.06	79.15	868.77	330.56	5,007.70	4,884.26	123.44	40.567		
12,300.00	7,102.17	6,721.50	6,530.76	151.71	32.06	79.11	868.77	330.32	5,091.18	4,967.47	123.71	41.155		
12,400.00	7,103.00	6,682.00	6,491.46	154.48	31.92	78.31	868.57	326.32	5,176.18	5,052.39	123.80	41.812		
12,500.00	7,103.82	6,682.00	6,491.46	157.26	31.92	78.31	868.57	326.32	5,260.72	5,136.68	124.04	42.412		
12,600.00	7,104.65	6,682.00	6,491.46	160.03	31.92	78.31	868.57	326.32	5,345.79	5,221.53	124.27	43.019		
12,700.00	7,105.48	6,682.00	6,491.46	162.81	31.92	78.31	868.57	326.32	5,431.38	5,306.90	124.48	43.632		
12,800.00	7,106.30	6,682.00	6,491.46	165.59	31.92	78.31	868.57	326.32	5,517.44	5,392.76	124.68	44.252		
12,900.00	7,107.13	6,682.00	6,491.46	168.38	31.92	78.31	868.57	326.32	5,603.97	5,479.10	124.87	44.878		
13,000.00	7,107.95	6,682.00	6,491.46	171.16	31.92	78.31	868.57	326.32	5,690.94	5,565.89	125.05	45.510		
13,100.00	7,108.78	6,682.00	6,491.46	173.95	31.92	78.31	868.57	326.32	5,778.34	5,653.12	125.22	46.147		
13,200.00	7,109.61	6,682.00	6,491.46	176.74	31.92	78.31	868.57	326.32	5,866.13	5,740.76	125.37	46.789		
13,300.00	7,110.43	6,682.00	6,491.46	179.54	31.92	78.31	868.57	326.32	5,954.31	5,828.79	125.52	47.437		
13,368.87	7,111.00	6,682.00	6,491.46	181.46	31.92	78.31	868.57	326.32	6,015.25	5,889.63	125.62	47.885		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 166-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	142.20	-652.83	506.43	826.30					
100.00	100.00	89.67	89.67	3.28	3.29	142.21	-652.95	506.21	826.19	819.62	6.57	125.741		
200.00	200.00	190.65	190.65	3.34	3.31	142.27	-653.38	505.45	826.06	819.41	6.65	124.201		
300.00	299.98	282.74	282.73	3.44	3.40	-2.01	-653.89	504.57	824.21	817.37	6.84	120.569		
400.00	399.84	355.47	355.42	3.59	3.49	-1.94	-656.05	504.67	821.41	814.31	7.09	115.782		
500.00	499.45	437.53	437.32	3.79	3.63	-1.76	-661.11	505.02	817.85	810.40	7.44	109.854		
600.00	598.70	514.71	514.18	4.04	3.79	-1.50	-668.16	505.44	813.26	805.39	7.87	103.388		
700.00	697.47	597.17	596.07	4.32	3.99	-1.20	-677.71	506.79	807.80	799.45	8.36	96.662		
800.00	795.62	679.64	677.73	4.65	4.22	-0.81	-689.15	508.20	800.84	791.94	8.91	89.928		
900.00	893.06	759.37	756.29	5.01	4.46	-0.31	-702.69	509.29	792.79	783.29	9.50	83.449		
1,000.00	989.64	839.63	834.80	5.41	4.73	0.37	-719.31	509.66	783.90	773.76	10.14	77.288		
1,100.00	1,085.27	925.69	918.40	5.85	5.05	1.31	-739.72	508.98	773.59	762.76	10.83	71.400		
1,191.50	1,171.82	1,001.67	991.58	6.29	5.36	2.34	-760.04	507.08	762.93	751.43	11.50	66.346		
1,200.00	1,179.82	1,008.84	998.45	6.34	5.38	2.45	-762.08	506.83	761.90	750.34	11.56	65.881		
1,300.00	1,273.89	1,099.18	1,084.87	6.85	5.77	3.84	-788.24	503.83	750.62	738.27	12.34	60.816		
1,400.00	1,367.96	1,193.10	1,174.48	7.38	6.20	5.36	-816.17	500.67	740.56	727.40	13.16	56.268		
1,500.00	1,462.03	1,290.53	1,267.39	7.93	6.66	6.98	-845.36	497.46	731.32	717.30	14.02	52.168		
1,600.00	1,556.10	1,381.26	1,353.79	8.49	7.10	8.52	-872.86	494.61	723.10	708.23	14.87	48.627		
1,700.00	1,650.17	1,483.31	1,450.59	9.06	7.62	10.45	-904.77	489.59	715.73	699.94	15.79	45.323		
1,800.00	1,744.24	1,582.29	1,544.26	9.65	8.13	12.53	-935.99	482.60	708.66	691.94	16.72	42.383		
1,900.00	1,838.31	1,683.36	1,640.10	10.23	8.66	14.66	-967.29	475.56	702.04	684.37	17.67	39.722		
2,000.00	1,932.38	1,777.64	1,729.70	10.83	9.15	16.63	-996.04	469.55	696.08	677.47	18.61	37.413		
2,100.00	2,026.45	1,893.66	1,840.53	11.43	9.76	18.98	-1,029.72	463.19	689.83	670.17	19.66	35.095		
2,200.00	2,120.52	1,996.23	1,939.09	12.03	10.30	21.01	-1,057.63	458.07	682.78	662.13	20.65	33.070		
2,300.00	2,214.59	2,100.52	2,039.65	12.63	10.84	23.04	-1,084.93	453.66	675.67	654.02	21.65	31.204		
2,400.00	2,308.66	2,201.61	2,137.37	13.24	11.36	25.06	-1,110.36	448.98	668.28	645.62	22.66	29.497		
2,500.00	2,402.73	2,290.62	2,223.39	13.86	11.82	26.85	-1,132.93	445.10	661.95	638.34	23.61	28.035		
2,600.00	2,496.80	2,387.13	2,316.30	14.47	12.33	28.79	-1,158.78	441.52	657.93	633.31	24.62	26.726		
2,700.00	2,590.87	2,489.84	2,415.61	15.09	12.86	30.83	-1,184.80	438.11	653.24	627.58	25.67	25.450		
2,800.00	2,684.95	2,581.31	2,503.94	15.71	13.34	32.64	-1,208.39	435.51	649.86	623.20	26.67	24.369		
2,900.00	2,779.02	2,669.60	2,588.99	16.33	13.81	34.32	-1,232.04	433.91	648.26	620.61	27.65	23.441		
2,916.50	2,794.54	2,683.68	2,602.51	16.43	13.89	34.59	-1,235.95	433.60	648.23	620.41	27.82	23.305		
3,000.00	2,873.09	2,765.74	2,681.20	16.95	14.33	36.22	-1,259.11	431.38	648.78	620.07	28.71	22.599		
3,100.00	2,967.16	2,862.02	2,773.75	17.57	14.85	38.17	-1,285.47	428.20	649.36	619.58	29.78	21.807		
3,200.00	3,061.23	2,950.61	2,858.54	18.20	15.34	40.04	-1,310.79	424.26	652.07	621.27	30.80	21.170		
3,300.00	3,155.30	3,054.48	2,957.84	18.82	15.91	42.20	-1,340.95	419.69	656.14	624.18	31.96	20.528		
3,400.00	3,249.37	3,153.56	3,053.02	19.45	16.45	44.25	-1,368.15	415.55	659.42	626.32	33.10	19.924		
3,500.00	3,343.44	3,246.31	3,141.90	20.07	16.96	46.14	-1,394.36	411.51	664.36	630.18	34.19	19.433		
3,600.00	3,437.51	3,361.63	3,252.63	20.70	17.59	48.44	-1,426.21	406.83	669.54	634.06	35.48	18.870		
3,700.00	3,531.58	3,448.31	3,336.20	21.33	18.05	50.12	-1,449.04	403.96	674.00	637.46	36.54	18.446		
3,800.00	3,625.65	3,555.66	3,439.42	21.96	18.64	52.19	-1,478.19	399.86	680.19	642.40	37.79	18.001		
3,900.00	3,719.72	3,652.21	3,532.55	22.59	19.16	53.95	-1,503.57	397.33	685.82	646.88	38.94	17.611		
4,000.00	3,813.79	3,742.83	3,619.76	23.22	19.65	55.52	-1,528.13	395.39	692.73	652.68	40.05	17.296		
4,100.00	3,907.86	3,830.01	3,703.34	23.85	20.13	56.99	-1,552.83	393.37	701.47	660.35	41.13	17.057		
4,200.00	4,001.93	3,922.75	3,791.89	24.48	20.65	58.45	-1,580.31	391.33	711.93	669.67	42.26	16.847		
4,300.00	4,096.00	4,019.21	3,883.85	25.11	21.19	59.91	-1,609.35	389.41	723.25	679.81	43.44	16.651		
4,400.00	4,190.07	4,112.72	3,972.90	25.75	21.72	61.26	-1,637.83	387.63	735.32	690.74	44.58	16.494		
4,500.00	4,284.14	4,207.21	4,062.71	26.38	22.26	62.56	-1,667.16	385.82	748.36	702.61	45.74	16.360		
4,600.00	4,378.21	4,311.63	4,162.05	27.01	22.86	63.98	-1,699.22	383.53	761.65	714.62	47.03	16.196		
4,700.00	4,472.28	4,416.60	4,262.29	27.65	23.45	65.40	-1,730.34	381.40	774.33	726.01	48.32	16.026		
4,800.00	4,566.35	4,501.29	4,343.23	28.28	23.92	66.59	-1,755.09	378.51	787.79	738.42	49.37	15.956		
4,900.00	4,660.42	4,600.41	4,437.98	28.91	24.48	68.05	-1,783.71	373.39	802.42	751.82	50.61	15.856		

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

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

Offset Design													Falken 9-11 PAD - Fagerberg 28N-18B-M - OH - OH		Offset Site Error:	0.00 ft
Survey Program: 166-MWD+IFR1															Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)					
5,000.00	4,754.49	4,704.69	4,537.92	29.55	25.06	69.59	-1,812.92	367.76	816.97	765.07	51.91	15.740				
5,100.00	4,848.56	4,824.86	4,653.73	30.18	25.71	71.34	-1,844.46	361.95	830.29	776.92	53.37	15.557				
5,200.00	4,942.63	4,904.83	4,730.93	30.82	26.14	72.51	-1,864.92	357.79	843.78	789.39	54.39	15.514				
5,300.00	5,036.70	5,009.47	4,831.94	31.45	26.71	74.06	-1,891.49	351.41	858.25	802.56	55.68	15.413				
5,400.00	5,130.77	5,104.77	4,924.01	32.09	27.22	75.40	-1,915.47	345.97	872.81	815.94	56.87	15.348				
5,500.00	5,224.84	5,203.51	5,019.38	32.72	27.75	76.74	-1,940.43	340.52	887.82	829.73	58.09	15.284				
5,600.00	5,318.91	5,314.64	5,126.80	33.36	28.34	78.15	-1,968.48	335.55	902.56	843.12	59.44	15.184				
5,700.00	5,412.98	5,454.40	5,262.88	33.99	29.06	79.93	-2,000.02	331.51	914.81	853.79	61.03	14.991				
5,800.00	5,507.06	5,583.06	5,389.46	34.63	29.69	81.71	-2,022.94	329.67	923.09	860.67	62.42	14.789				
5,900.00	5,601.13	5,701.81	5,506.83	35.26	30.24	83.40	-2,040.98	329.53	929.28	865.58	63.70	14.589				
6,000.00	5,695.20	5,815.02	5,619.19	35.90	30.74	85.14	-2,054.79	329.49	934.10	869.18	64.92	14.388				
6,100.00	5,789.27	5,916.59	5,720.35	36.54	31.17	86.88	-2,063.76	328.36	938.39	872.29	66.09	14.198				
6,200.00	5,883.34	6,018.61	5,822.09	37.17	31.59	88.72	-2,071.04	326.36	943.22	875.97	67.25	14.025				
6,300.00	5,977.41	6,121.00	5,924.28	37.81	32.00	90.60	-2,077.20	324.61	948.17	879.77	68.40	13.863				
6,400.00	6,071.48	6,239.58	6,042.73	38.44	32.47	92.82	-2,082.39	323.39	952.72	883.16	69.56	13.697				
6,500.00	6,165.55	6,340.46	6,143.59	39.08	32.85	94.79	-2,084.27	322.98	956.52	885.87	70.66	13.538				
6,600.00	6,259.62	6,426.40	6,229.52	39.72	33.17	96.49	-2,085.44	322.03	961.78	890.08	71.70	13.414				
6,677.33	6,332.36	7,961.01	7,096.07	40.21	39.34	73.98	-2,090.09	1,183.89	890.86	862.43	28.43	31.331				
6,700.00	6,353.76	7,964.82	7,096.01	40.35	39.40	62.96	-2,090.18	1,187.69	869.17	840.32	28.86	30.120				
6,750.00	6,401.37	7,970.49	7,095.93	40.64	39.49	34.51	-2,090.32	1,193.36	821.05	791.24	29.81	27.540				
6,800.00	6,449.30	7,972.39	7,095.91	40.89	39.52	2.82	-2,090.37	1,195.26	772.80	741.99	30.81	25.079				
6,850.00	6,497.25	7,970.48	7,095.93	41.11	39.49	-27.29	-2,090.32	1,193.35	724.76	692.88	31.88	22.736				
6,900.00	6,544.95	7,964.76	7,096.01	41.29	39.40	-52.21	-2,090.18	1,187.63	677.25	644.23	33.02	20.509				
6,950.00	6,592.08	7,955.25	7,096.15	41.45	39.25	-71.13	-2,089.95	1,178.12	630.64	596.36	34.28	18.398				
7,000.00	6,638.35	7,941.99	7,096.34	41.58	39.04	-84.93	-2,089.63	1,164.87	585.25	549.58	35.67	16.408				
7,050.00	6,683.50	7,925.05	7,096.58	41.70	38.77	-94.85	-2,089.25	1,147.94	541.44	504.22	37.22	14.547				
7,100.00	6,727.22	7,906.47	7,096.86	41.81	38.50	-102.14	-2,088.88	1,129.36	499.58	460.63	38.94	12.829				
7,150.00	6,769.26	7,885.13	7,097.18	41.92	38.19	-107.32	-2,088.66	1,108.02	460.11	419.23	40.88	11.256				
7,200.00	6,809.36	7,860.64	7,097.57	42.03	37.84	-110.85	-2,088.66	1,083.54	423.46	380.40	43.06	9.834				
7,250.00	6,847.27	7,834.85	7,097.99	42.15	37.45	-113.23	-2,088.94	1,057.76	390.01	344.57	45.44	8.583				
7,300.00	6,882.75	7,797.43	7,098.57	42.27	36.98	-113.71	-2,089.70	1,020.35	360.02	311.69	48.33	7.450				
7,350.00	6,915.58	7,757.58	7,098.95	42.41	36.47	-113.40	-2,090.28	980.50	333.22	281.86	51.36	6.488				
7,400.00	6,945.57	7,716.18	7,099.12	42.57	36.06	-112.50	-2,090.64	939.10	309.73	255.26	54.47	5.686				
7,450.00	6,972.53	7,673.74	7,099.12	42.75	35.98	-111.16	-2,090.88	896.66	289.71	232.17	57.54	5.035				
7,500.00	6,996.30	7,628.85	7,098.97	42.95	35.98	-109.37	-2,091.04	851.78	273.15	212.66	60.48	4.516				
7,550.00	7,016.72	7,580.32	7,097.86	43.17	35.98	-107.05	-2,091.07	803.26	259.57	196.20	63.38	4.096				
7,600.00	7,033.66	7,529.82	7,095.26	43.43	35.98	-104.39	-2,090.89	752.83	248.66	182.56	66.10	3.762				
7,650.00	7,047.04	7,474.27	7,090.05	43.72	35.97	-101.17	-2,089.66	697.55	239.43	170.58	68.85	3.478				
7,700.00	7,056.76	7,419.34	7,082.24	44.05	35.97	-97.89	-2,087.08	643.24	231.36	160.10	71.26	3.247				
7,750.00	7,062.76	7,372.04	7,071.20	44.41	35.93	-94.53	-2,084.56	597.37	224.98	151.74	73.24	3.072				
7,799.36	7,065.00	7,330.33	7,055.18	44.81	35.90	-90.29	-2,083.30	558.93	221.92	147.05	74.88	2.964				
7,815.33	7,065.13	7,317.69	7,049.21	44.95	35.88	-88.73	-2,083.10	547.79	221.75	146.43	75.32	2.944	CC, ES, SF			
7,900.00	7,065.83	7,258.27	7,014.65	45.73	35.78	-79.79	-2,082.72	499.60	227.96	151.27	76.70	2.972				
8,000.00	7,066.66	7,205.15	6,975.89	46.83	35.68	-70.40	-2,082.98	463.37	256.08	179.87	76.21	3.360				
8,100.00	7,067.49	7,159.34	6,939.16	48.11	35.57	-62.42	-2,083.05	436.00	304.74	229.69	75.04	4.061				
8,200.00	7,068.31	7,123.15	6,908.74	49.55	35.47	-56.61	-2,083.38	416.42	368.24	293.96	74.28	4.958				
8,300.00	7,069.14	7,092.81	6,882.42	51.14	35.39	-52.20	-2,084.04	401.36	441.53	367.57	73.96	5.970				
8,400.00	7,069.96	7,074.00	6,865.74	52.86	35.34	-49.68	-2,084.61	392.66	521.30	447.25	74.06	7.039				
8,500.00	7,070.79	7,042.92	6,837.66	54.70	35.25	-45.86	-2,085.58	379.37	605.15	531.20	73.95	8.183				
8,600.00	7,071.61	7,022.64	6,819.02	56.64	35.19	-43.58	-2,086.12	371.43	692.10	618.03	74.07	9.344				
8,700.00	7,072.44	7,005.11	6,802.70	58.68	35.14	-41.72	-2,086.54	365.04	781.28	707.07	74.21	10.528				
8,800.00	7,073.27	6,979.00	6,778.09	60.78	35.06	-39.16	-2,087.06	356.33	872.32	798.08	74.23	11.751				

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 166-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,074.09	6,979.00	6,778.09	62.96	35.06	-39.16	-2,087.06	356.33	964.38	889.86	74.52	12.941		
9,000.00	7,074.92	6,979.00	6,778.09	65.19	35.06	-39.16	-2,087.06	356.33	1,057.88	983.15	74.73	14.155		
9,100.00	7,075.74	6,979.00	6,778.09	67.48	35.06	-39.16	-2,087.06	356.33	1,152.48	1,077.59	74.89	15.388		
9,200.00	7,076.57	6,944.71	6,745.28	69.82	34.95	-36.12	-2,087.61	346.41	1,246.57	1,171.72	74.84	16.655		
9,300.00	7,077.40	6,936.24	6,737.09	72.19	34.92	-35.43	-2,087.73	344.22	1,341.97	1,267.03	74.94	17.908		
9,400.00	7,078.22	6,928.57	6,729.66	74.61	34.90	-34.82	-2,087.83	342.34	1,437.86	1,362.84	75.02	19.166		
9,500.00	7,079.05	6,921.59	6,722.87	77.05	34.87	-34.28	-2,087.91	340.70	1,534.16	1,459.07	75.09	20.430		
9,600.00	7,079.87	6,886.00	6,688.03	79.53	34.76	-31.71	-2,088.25	333.50	1,631.73	1,556.66	75.06	21.739		
9,700.00	7,080.70	6,886.00	6,688.03	82.03	34.76	-31.71	-2,088.25	333.50	1,728.35	1,653.20	75.15	22.997		
9,800.00	7,081.53	6,886.00	6,688.03	84.55	34.76	-31.71	-2,088.25	333.50	1,825.34	1,750.11	75.23	24.262		
9,900.00	7,082.35	6,886.00	6,688.03	87.10	34.76	-31.71	-2,088.25	333.50	1,922.64	1,847.34	75.30	25.532		
10,000.00	7,083.18	6,886.00	6,688.03	89.67	34.76	-31.71	-2,088.25	333.50	2,020.21	1,944.84	75.37	26.806		
10,100.00	7,084.00	6,886.00	6,688.03	92.25	34.76	-31.71	-2,088.25	333.50	2,118.00	2,042.58	75.42	28.083		
10,200.00	7,084.83	6,886.00	6,688.03	94.86	34.76	-31.71	-2,088.25	333.50	2,215.99	2,140.52	75.47	29.363		
10,300.00	7,085.65	6,886.00	6,688.03	97.47	34.76	-31.71	-2,088.25	333.50	2,314.15	2,238.63	75.51	30.645		
10,400.00	7,086.48	6,886.00	6,688.03	100.10	34.76	-31.71	-2,088.25	333.50	2,412.46	2,336.90	75.56	31.929		
10,500.00	7,087.31	6,886.00	6,688.03	102.75	34.76	-31.71	-2,088.25	333.50	2,510.90	2,435.31	75.60	33.215		
10,600.00	7,088.13	6,886.00	6,688.03	105.40	34.76	-31.71	-2,088.25	333.50	2,609.46	2,533.83	75.63	34.502		
10,700.00	7,088.96	6,886.00	6,688.03	108.07	34.76	-31.71	-2,088.25	333.50	2,708.13	2,632.46	75.67	35.789		
10,800.00	7,089.78	6,855.77	6,658.20	110.75	34.66	-29.75	-2,088.28	328.59	2,806.36	2,730.68	75.68	37.080		
10,900.00	7,090.61	6,851.57	6,654.04	113.43	34.64	-29.49	-2,088.25	327.96	2,905.05	2,829.34	75.72	38.367		
11,000.00	7,091.44	6,847.57	6,650.09	116.13	34.63	-29.25	-2,088.22	327.38	3,003.82	2,928.06	75.75	39.653		
11,100.00	7,092.26	6,843.76	6,646.31	118.83	34.62	-29.02	-2,088.18	326.84	3,102.64	3,026.85	75.79	40.939		
11,200.00	7,093.09	6,840.12	6,642.72	121.54	34.60	-28.80	-2,088.14	326.34	3,201.52	3,125.70	75.82	42.225		
11,300.00	7,093.91	6,836.66	6,639.28	124.25	34.59	-28.60	-2,088.09	325.87	3,300.46	3,224.60	75.86	43.510		
11,400.00	7,094.74	6,833.35	6,636.00	126.98	34.58	-28.40	-2,088.04	325.44	3,399.44	3,323.55	75.89	44.794		
11,500.00	7,095.57	6,830.18	6,632.86	129.70	34.57	-28.22	-2,087.99	325.03	3,498.47	3,422.55	75.92	46.078		
11,600.00	7,096.39	6,827.15	6,629.86	132.44	34.56	-28.04	-2,087.94	324.64	3,597.55	3,521.59	75.96	47.361		
11,700.00	7,097.22	6,792.00	6,594.94	135.18	34.44	-26.12	-2,087.02	320.75	3,697.23	3,621.25	75.98	48.658		
11,800.00	7,098.04	6,792.00	6,594.94	137.92	34.44	-26.12	-2,087.02	320.75	3,796.29	3,720.27	76.02	49.937		
11,900.00	7,098.87	6,792.00	6,594.94	140.67	34.44	-26.12	-2,087.02	320.75	3,895.39	3,819.33	76.06	51.214		
12,000.00	7,099.69	6,792.00	6,594.94	143.43	34.44	-26.12	-2,087.02	320.75	3,994.54	3,918.44	76.10	52.491		
12,100.00	7,100.52	6,792.00	6,594.94	146.19	34.44	-26.12	-2,087.02	320.75	4,093.73	4,017.59	76.14	53.767		
12,200.00	7,101.35	6,792.00	6,594.94	148.95	34.44	-26.12	-2,087.02	320.75	4,192.96	4,116.78	76.18	55.042		
12,300.00	7,102.17	6,792.00	6,594.94	151.71	34.44	-26.12	-2,087.02	320.75	4,292.23	4,216.01	76.22	56.316		
12,400.00	7,103.00	6,792.00	6,594.94	154.48	34.44	-26.12	-2,087.02	320.75	4,391.52	4,315.27	76.26	57.589		
12,500.00	7,103.82	6,792.00	6,594.94	157.26	34.44	-26.12	-2,087.02	320.75	4,490.85	4,414.56	76.30	58.860		
12,600.00	7,104.65	6,792.00	6,594.94	160.03	34.44	-26.12	-2,087.02	320.75	4,590.21	4,513.87	76.34	60.130		
12,700.00	7,105.48	6,792.00	6,594.94	162.81	34.44	-26.12	-2,087.02	320.75	4,689.60	4,613.22	76.38	61.398		
12,800.00	7,106.30	6,792.00	6,594.94	165.59	34.44	-26.12	-2,087.02	320.75	4,789.01	4,712.59	76.42	62.665		
12,900.00	7,107.13	6,792.00	6,594.94	168.38	34.44	-26.12	-2,087.02	320.75	4,888.44	4,811.98	76.46	63.931		
13,000.00	7,107.95	6,792.00	6,594.94	171.16	34.44	-26.12	-2,087.02	320.75	4,987.90	4,911.39	76.51	65.194		
13,100.00	7,108.78	6,792.00	6,594.94	173.95	34.44	-26.12	-2,087.02	320.75	5,087.38	5,010.83	76.55	66.456		
13,200.00	7,109.61	6,792.00	6,594.94	176.74	34.44	-26.12	-2,087.02	320.75	5,186.88	5,110.28	76.60	67.716		
13,300.00	7,110.43	6,792.00	6,594.94	179.54	34.44	-26.12	-2,087.02	320.75	5,286.40	5,209.76	76.64	68.975		
13,368.87	7,111.00	6,792.00	6,594.94	181.46	34.44	-26.12	-2,087.02	320.75	5,354.94	5,278.27	76.67	69.840		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 436-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	141.31	-632.79	506.71	810.74					
100.00	100.00	87.41	87.41	3.28	3.29	141.35	-633.17	506.37	810.76	804.18	6.57	123.392		
200.00	200.00	185.60	185.59	3.34	3.31	141.47	-634.51	505.18	811.06	804.42	6.64	122.086		
300.00	299.98	283.72	283.66	3.44	3.34	-2.67	-636.80	503.14	809.86	803.08	6.78	119.421		
400.00	399.84	381.68	381.51	3.59	3.39	-2.39	-640.04	500.25	805.41	798.43	6.98	115.342		
500.00	499.45	473.09	472.76	3.79	3.48	-2.03	-644.17	496.72	797.92	790.65	7.27	109.780		
600.00	598.70	559.42	558.70	4.04	3.63	-1.50	-650.93	492.08	788.66	781.00	7.66	102.932		
700.00	697.47	649.01	647.60	4.32	3.82	-0.75	-660.17	485.97	777.21	769.07	8.14	95.507		
800.00	795.62	732.37	730.11	4.65	4.03	0.04	-670.52	480.23	764.10	755.43	8.67	88.136		
900.00	893.06	813.86	810.46	5.01	4.27	0.95	-682.76	474.50	749.79	740.54	9.25	81.017		
1,000.00	989.64	891.30	886.51	5.41	4.52	1.93	-696.46	469.38	734.74	724.86	9.88	74.363		
1,100.00	1,085.27	968.02	961.58	5.85	4.79	2.96	-711.81	465.44	719.30	708.76	10.54	68.220		
1,191.50	1,171.82	1,042.20	1,033.91	6.29	5.07	3.97	-728.08	463.00	704.80	693.61	11.20	62.948		
1,200.00	1,179.82	1,049.40	1,040.91	6.34	5.10	4.07	-729.72	462.79	703.42	692.16	11.26	62.465		
1,300.00	1,273.89	1,136.55	1,125.57	6.85	5.44	5.31	-750.31	460.60	688.26	676.25	12.00	57.340		
1,400.00	1,367.96	1,230.64	1,216.73	7.38	5.83	6.72	-773.50	458.49	674.56	661.75	12.80	52.682		
1,500.00	1,462.03	1,326.10	1,308.98	7.93	6.25	8.35	-797.79	454.97	661.42	647.79	13.64	48.497		
1,600.00	1,556.10	1,415.54	1,395.06	8.49	6.66	10.04	-821.70	450.84	649.69	635.21	14.48	44.880		
1,700.00	1,650.17	1,505.34	1,480.99	9.06	7.09	11.90	-847.31	445.91	639.99	624.66	15.34	41.733		
1,800.00	1,744.24	1,600.42	1,571.72	9.65	7.57	14.00	-875.16	440.18	631.72	615.48	16.24	38.908		
1,900.00	1,838.31	1,699.74	1,666.60	10.23	8.07	16.17	-904.06	434.98	624.44	607.27	17.17	36.368		
2,000.00	1,932.38	1,805.49	1,768.09	10.83	8.60	18.41	-933.42	430.40	617.00	598.86	18.15	33.999		
2,100.00	2,026.45	1,910.29	1,869.18	11.43	9.13	20.55	-960.82	426.87	609.06	589.92	19.13	31.837		
2,200.00	2,120.52	2,016.96	1,972.57	12.03	9.66	22.62	-987.00	424.79	600.61	580.49	20.13	29.844		
2,300.00	2,214.59	2,132.88	2,085.56	12.63	10.22	24.86	-1,012.78	422.81	590.63	569.47	21.16	27.912		
2,400.00	2,308.66	2,239.74	2,190.29	13.24	10.73	27.01	-1,033.87	420.49	578.77	556.61	22.16	26.116		
2,500.00	2,402.73	2,333.86	2,282.62	13.86	11.18	28.98	-1,052.00	418.40	567.18	544.05	23.13	24.519		
2,600.00	2,496.80	2,426.37	2,373.22	14.47	11.63	31.00	-1,070.58	416.27	557.16	533.04	24.12	23.104		
2,700.00	2,590.87	2,523.52	2,468.31	15.09	12.10	33.26	-1,090.29	413.42	548.15	523.01	25.13	21.809		
2,800.00	2,684.95	2,614.33	2,556.99	15.71	12.55	35.50	-1,109.51	410.01	540.92	514.78	26.15	20.689		
2,900.00	2,779.02	2,715.41	2,655.71	16.33	13.05	38.08	-1,130.86	405.98	534.70	507.47	27.22	19.640		
3,000.00	2,873.09	2,809.45	2,747.62	16.95	13.52	40.55	-1,150.39	402.16	529.23	500.95	28.29	18.710		
3,100.00	2,967.16	2,892.67	2,828.60	17.57	13.94	42.69	-1,169.31	399.23	526.71	497.42	29.29	17.981		
3,128.44	2,993.91	2,917.77	2,852.94	17.75	14.07	43.32	-1,175.40	398.47	526.60	497.01	29.59	17.797		
3,200.00	3,061.23	2,981.83	2,914.91	18.20	14.40	44.88	-1,191.54	396.81	527.28	496.94	30.34	17.379		
3,300.00	3,155.30	3,100.16	3,029.88	18.82	15.01	47.83	-1,219.35	393.54	527.41	495.79	31.62	16.680		
3,400.00	3,249.37	3,202.64	3,130.10	19.45	15.52	50.48	-1,240.50	390.64	525.80	493.01	32.79	16.035		
3,500.00	3,343.44	3,304.85	3,230.01	20.07	16.03	53.10	-1,261.93	387.90	525.60	491.62	33.97	15.471		
3,600.00	3,437.51	3,408.37	3,331.70	20.70	16.53	55.73	-1,281.17	386.25	523.77	488.60	35.17	14.893		
3,639.37	3,474.55	3,443.24	3,365.95	20.95	16.70	56.67	-1,287.67	385.27	523.56	487.95	35.61	14.702		
3,700.00	3,531.58	3,502.07	3,423.69	21.33	16.99	58.24	-1,298.83	383.52	523.79	487.46	36.33	14.419		
3,800.00	3,625.65	3,596.59	3,516.39	21.96	17.46	60.68	-1,317.17	381.45	525.13	487.64	37.49	14.006		
3,900.00	3,719.72	3,687.04	3,604.93	22.59	17.91	62.99	-1,335.45	379.08	528.43	489.80	38.63	13.678		
4,000.00	3,813.79	3,789.49	3,705.16	23.22	18.42	65.68	-1,356.30	375.07	533.57	493.70	39.88	13.380		
4,100.00	3,907.86	3,878.30	3,792.23	23.85	18.86	67.99	-1,373.51	372.02	538.79	497.78	41.01	13.138		
4,200.00	4,001.93	3,959.41	3,871.24	24.48	19.27	70.02	-1,391.41	368.01	548.01	505.97	42.04	13.035		
4,300.00	4,096.00	4,049.23	3,958.27	25.11	19.75	72.17	-1,412.92	362.57	560.37	517.21	43.15	12.986		
4,400.00	4,190.07	4,146.91	4,052.61	25.75	20.27	74.17	-1,437.94	358.54	573.67	529.32	44.35	12.934		
4,500.00	4,284.14	4,256.41	4,158.39	26.38	20.85	76.27	-1,465.92	354.62	587.32	541.62	45.70	12.852		
4,600.00	4,378.21	4,373.54	4,272.63	27.01	21.44	78.60	-1,491.59	351.80	598.05	550.95	47.10	12.698		
4,700.00	4,472.28	4,468.33	4,365.50	27.65	21.92	80.54	-1,510.47	349.54	608.13	559.87	48.26	12.602		
4,800.00	4,566.35	4,572.19	4,467.33	28.28	22.43	82.67	-1,530.63	346.53	619.00	569.50	49.50	12.505		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 436-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.00	4,660.42	4,664.89	4,558.34	28.91	22.89	84.54	-1,548.06	343.87	630.19	579.57	50.62	12.449		
5,000.00	4,754.49	4,751.99	4,643.61	29.55	23.33	86.18	-1,565.57	341.03	643.21	591.54	51.67	12.447		
5,100.00	4,848.56	4,862.49	4,751.71	30.18	23.89	88.13	-1,588.22	337.67	656.97	604.00	52.98	12.402		
5,200.00	4,942.63	4,955.19	4,842.50	30.82	24.35	89.69	-1,606.83	335.67	670.31	616.23	54.08	12.396		
5,300.00	5,036.70	5,038.42	4,923.74	31.45	24.78	90.97	-1,624.80	333.39	685.48	630.42	55.06	12.451		
5,400.00	5,130.77	5,130.34	5,013.18	32.09	25.25	92.30	-1,645.68	329.88	702.57	646.44	56.13	12.517		
5,500.00	5,224.84	5,245.24	5,125.34	32.72	25.84	93.99	-1,670.21	325.51	719.43	661.95	57.48	12.516		
5,600.00	5,318.91	5,374.18	5,252.57	33.36	26.45	96.16	-1,690.89	323.27	732.21	673.32	58.89	12.434		
5,700.00	5,412.98	5,474.82	5,352.52	33.99	26.90	98.15	-1,702.20	320.70	744.46	684.47	59.99	12.409		
5,800.00	5,507.06	5,587.09	5,464.43	34.63	27.38	100.56	-1,710.77	317.89	756.10	694.96	61.14	12.367		
5,900.00	5,601.13	5,685.00	5,562.17	35.26	27.79	102.71	-1,716.20	316.31	767.20	705.04	62.16	12.342		
6,000.00	5,695.20	5,785.14	5,662.20	35.90	28.20	104.95	-1,720.30	314.22	779.34	716.17	63.16	12.338		
6,100.00	5,789.27	5,901.12	5,778.15	36.54	28.65	107.57	-1,722.88	313.18	791.03	726.81	64.22	12.318		
6,200.00	5,883.34	5,996.23	5,873.23	37.17	29.02	109.63	-1,725.07	313.83	802.43	737.28	65.15	12.317		
6,300.00	5,977.41	6,095.54	5,972.50	37.81	29.41	111.69	-1,727.73	314.94	814.59	748.51	66.08	12.326		
6,400.00	6,071.48	6,186.16	6,063.09	38.44	29.77	113.53	-1,729.86	315.84	827.81	760.86	66.95	12.365		
6,500.00	6,165.55	6,283.42	6,160.32	39.08	30.15	115.45	-1,732.19	316.74	842.08	774.24	67.84	12.413		
6,600.00	6,259.62	6,370.92	6,247.79	39.72	30.50	117.15	-1,733.98	317.23	857.58	788.94	68.64	12.494		
6,677.33	6,332.36	6,447.44	6,324.30	40.21	30.80	118.62	-1,735.15	317.44	870.35	801.04	69.31	12.558		
6,700.00	6,353.76	6,470.25	6,347.11	40.35	30.89	114.12	-1,735.41	317.56	873.74	804.24	69.50	12.572		
6,750.00	6,401.37	6,785.10	6,217.71	40.64	37.63	166.04	-1,756.87	1,176.59	832.03	812.41	19.62	42.414		
6,800.00	6,449.30	7,858.71	7,217.76	40.89	37.68	173.26	-1,757.08	1,180.20	783.01	763.01	19.99	39.163		
6,850.00	6,497.25	7,858.61	7,217.76	41.11	37.68	-179.75	-1,757.07	1,180.10	734.00	713.60	20.40	35.982		
6,900.00	6,544.95	7,854.78	7,217.70	41.29	37.62	-176.66	-1,756.85	1,176.27	685.32	664.46	20.86	32.852		
6,950.00	6,592.08	7,847.23	7,217.60	41.45	37.51	-176.77	-1,756.40	1,168.73	637.33	615.92	21.42	29.760		
7,000.00	6,638.35	7,835.99	7,217.44	41.58	37.35	-178.36	-1,755.70	1,157.52	590.38	568.27	22.11	26.706		
7,050.00	6,683.50	7,821.14	7,217.26	41.70	37.13	179.53	-1,754.75	1,142.70	544.81	521.82	22.99	23.702		
7,100.00	6,727.22	7,803.81	7,217.06	41.81	36.86	177.39	-1,753.62	1,125.41	500.98	476.92	24.06	20.818		
7,150.00	6,769.26	7,779.27	7,216.82	41.92	36.55	174.71	-1,751.90	1,100.93	459.28	433.66	25.62	17.926		
7,200.00	6,809.36	7,750.78	7,216.45	42.03	36.18	172.02	-1,750.45	1,072.48	419.90	392.40	27.50	15.269		
7,250.00	6,847.27	7,718.49	7,215.92	42.15	35.77	169.34	-1,749.51	1,040.21	383.05	353.36	29.69	12.903		
7,300.00	6,882.75	7,658.49	7,213.18	42.27	35.08	164.20	-1,749.02	980.29	348.38	315.02	33.36	10.443		
7,350.00	6,915.58	7,589.03	7,202.11	42.41	34.39	157.28	-1,747.84	911.78	312.75	273.75	39.00	8.019		
7,400.00	6,945.57	7,540.70	7,190.11	42.57	34.05	152.21	-1,746.60	864.98	277.77	234.06	43.71	6.355		
7,450.00	6,972.53	7,492.02	7,174.91	42.75	33.84	146.22	-1,745.12	818.78	244.30	195.26	49.04	4.982		
7,500.00	6,996.30	7,441.41	7,155.09	42.95	33.71	138.58	-1,744.02	772.24	212.02	156.89	55.14	3.845		
7,550.00	7,016.72	7,396.49	7,134.01	43.17	33.61	130.39	-1,743.58	732.59	181.61	120.69	60.92	2.981		
7,600.00	7,033.66	7,356.03	7,112.32	43.43	33.53	121.28	-1,743.46	698.45	154.54	88.25	66.28	2.331		
7,650.00	7,047.04	7,318.81	7,090.19	43.72	33.45	110.93	-1,743.54	668.53	132.94	62.23	70.71	1.880		
7,700.00	7,056.76	7,285.62	7,068.90	44.05	33.38	99.95	-1,743.58	643.07	119.88	46.76	73.12	1.640		
7,733.80	7,061.22	7,263.79	7,054.18	44.30	33.33	91.95	-1,743.49	626.95	117.24	44.13	73.11	1.604 CC, ES, SF		
7,750.00	7,062.76	7,253.48	7,047.05	44.41	33.30	88.04	-1,743.42	619.51	117.84	45.18	72.66	1.622		
7,799.36	7,065.00	7,222.52	7,024.90	44.81	33.23	76.32	-1,743.07	597.88	126.45	56.09	70.36	1.797		
7,900.00	7,065.83	7,161.85	6,979.40	45.73	33.08	57.98	-1,742.07	557.77	169.57	103.47	66.10	2.565		
8,000.00	7,066.66	7,109.36	6,938.24	46.83	32.95	46.04	-1,740.97	525.23	233.06	167.79	65.27	3.571		
8,100.00	7,067.49	7,064.19	6,901.43	48.11	32.82	38.42	-1,739.87	499.08	306.76	240.79	65.97	4.650		
8,200.00	7,068.31	7,022.72	6,866.59	49.55	32.71	33.08	-1,738.73	476.63	386.26	319.49	66.77	5.785		
8,300.00	7,069.14	6,978.41	6,828.79	51.14	32.58	28.70	-1,737.43	453.54	468.77	401.67	67.10	6.986		
8,400.00	7,069.96	6,939.00	6,794.85	52.86	32.47	25.65	-1,736.21	433.54	553.11	485.50	67.61	8.181		
8,500.00	7,070.79	6,909.38	6,768.96	54.70	32.38	23.72	-1,735.38	419.19	639.33	570.91	68.42	9.344		
8,600.00	7,071.61	6,884.93	6,747.18	56.64	32.31	22.28	-1,734.87	408.09	727.43	658.25	69.17	10.516		
8,700.00	7,072.44	6,846.00	6,711.81	58.68	32.19	20.24	-1,734.39	391.84	817.41	748.13	69.28	11.799		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 436-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,073.27	6,846.00	6,711.81	60.78	32.19	20.24	-1,734.39	391.84	907.92	837.55	70.37	12.902		
8,900.00	7,074.09	6,822.52	6,690.15	62.96	32.11	19.14	-1,734.30	382.79	999.73	929.06	70.67	14.146		
9,000.00	7,074.92	6,803.19	6,672.18	65.19	32.05	18.29	-1,734.33	375.67	1,092.31	1,021.32	70.99	15.388		
9,100.00	7,075.74	6,785.44	6,655.57	67.48	31.99	17.56	-1,734.45	369.40	1,185.54	1,114.28	71.26	16.637		
9,200.00	7,076.57	6,752.00	6,624.04	69.82	31.89	16.28	-1,734.91	358.28	1,279.57	1,208.32	71.26	17.957		
9,300.00	7,077.40	6,752.00	6,624.04	72.19	31.89	16.28	-1,734.91	358.28	1,373.65	1,301.96	71.69	19.161		
9,400.00	7,078.22	6,752.00	6,624.04	74.61	31.89	16.28	-1,734.91	358.28	1,468.50	1,396.47	72.03	20.387		
9,500.00	7,079.05	6,728.02	6,601.23	77.05	31.81	15.46	-1,735.31	350.88	1,563.55	1,491.47	72.08	21.691		
9,600.00	7,079.87	6,716.40	6,590.12	79.53	31.77	15.09	-1,735.46	347.47	1,659.07	1,586.83	72.24	22.967		
9,700.00	7,080.70	6,705.55	6,579.73	82.03	31.73	14.76	-1,735.59	344.39	1,754.90	1,682.53	72.37	24.247		
9,800.00	7,081.53	6,695.41	6,569.97	84.55	31.70	14.46	-1,735.70	341.60	1,851.03	1,778.53	72.50	25.532		
9,900.00	7,082.35	6,685.90	6,560.80	87.10	31.66	14.19	-1,735.78	339.07	1,947.41	1,874.79	72.61	26.819		
10,000.00	7,083.18	6,657.00	6,532.82	89.67	31.57	13.44	-1,735.94	331.86	2,044.30	1,971.69	72.60	28.157		
10,100.00	7,084.00	6,657.00	6,532.82	92.25	31.57	13.44	-1,735.94	331.86	2,140.94	2,068.18	72.75	29.428		
10,200.00	7,084.83	6,657.00	6,532.82	94.86	31.57	13.44	-1,735.94	331.86	2,237.87	2,164.99	72.88	30.705		
10,300.00	7,085.65	6,657.00	6,532.82	97.47	31.57	13.44	-1,735.94	331.86	2,335.06	2,262.07	73.00	31.989		
10,400.00	7,086.48	6,657.00	6,532.82	100.10	31.57	13.44	-1,735.94	331.86	2,432.48	2,359.39	73.10	33.278		
10,500.00	7,087.31	6,657.00	6,532.82	102.75	31.57	13.44	-1,735.94	331.86	2,530.11	2,456.92	73.19	34.571		
10,600.00	7,088.13	6,657.00	6,532.82	105.40	31.57	13.44	-1,735.94	331.86	2,627.91	2,554.64	73.27	35.868		
10,700.00	7,088.96	6,657.00	6,532.82	108.07	31.57	13.44	-1,735.94	331.86	2,725.87	2,652.53	73.34	37.168		
10,800.00	7,089.78	6,657.00	6,532.82	110.75	31.57	13.44	-1,735.94	331.86	2,823.97	2,750.56	73.41	38.471		
10,900.00	7,090.61	6,657.00	6,532.82	113.43	31.57	13.44	-1,735.94	331.86	2,922.20	2,848.73	73.47	39.775		
11,000.00	7,091.44	6,657.00	6,532.82	116.13	31.57	13.44	-1,735.94	331.86	3,020.55	2,947.02	73.53	41.082		
11,100.00	7,092.26	6,657.00	6,532.82	118.83	31.57	13.44	-1,735.94	331.86	3,119.00	3,045.42	73.58	42.390		
11,200.00	7,093.09	6,657.00	6,532.82	121.54	31.57	13.44	-1,735.94	331.86	3,217.55	3,143.92	73.63	43.698		
11,300.00	7,093.91	6,657.00	6,532.82	124.25	31.57	13.44	-1,735.94	331.86	3,316.19	3,242.51	73.68	45.008		
11,400.00	7,094.74	6,657.00	6,532.82	126.98	31.57	13.44	-1,735.94	331.86	3,414.90	3,341.17	73.73	46.318		
11,500.00	7,095.57	6,657.00	6,532.82	129.70	31.57	13.44	-1,735.94	331.86	3,513.69	3,439.92	73.77	47.629		
11,600.00	7,096.39	6,657.00	6,532.82	132.44	31.57	13.44	-1,735.94	331.86	3,612.54	3,538.73	73.82	48.940		
11,700.00	7,097.22	6,657.00	6,532.82	135.18	31.57	13.44	-1,735.94	331.86	3,711.46	3,637.60	73.86	50.251		
11,800.00	7,098.04	6,657.00	6,532.82	137.92	31.57	13.44	-1,735.94	331.86	3,810.43	3,736.53	73.90	51.561		
11,900.00	7,098.87	6,657.00	6,532.82	140.67	31.57	13.44	-1,735.94	331.86	3,909.45	3,835.51	73.94	52.871		
12,000.00	7,099.69	6,657.00	6,532.82	143.43	31.57	13.44	-1,735.94	331.86	4,008.53	3,934.54	73.98	54.181		
12,100.00	7,100.52	6,615.08	6,491.70	146.19	31.42	12.48	-1,736.04	323.83	4,105.48	4,031.49	73.99	55.490		
12,200.00	7,101.35	6,613.76	6,490.38	148.95	31.42	12.45	-1,736.04	323.64	4,204.50	4,130.48	74.03	56.796		
12,300.00	7,102.17	6,612.48	6,489.13	151.71	31.41	12.43	-1,736.04	323.46	4,303.57	4,229.50	74.07	58.101		
12,400.00	7,103.00	6,611.26	6,487.92	154.48	31.41	12.40	-1,736.04	323.29	4,402.68	4,328.56	74.11	59.405		
12,500.00	7,103.82	6,610.09	6,486.76	157.26	31.40	12.38	-1,736.04	323.13	4,501.82	4,427.66	74.16	60.708		
12,600.00	7,104.65	6,608.97	6,485.64	160.03	31.40	12.35	-1,736.04	322.98	4,600.99	4,526.79	74.20	62.010		
12,700.00	7,105.48	6,607.89	6,484.57	162.81	31.40	12.33	-1,736.04	322.84	4,700.20	4,625.96	74.24	63.310		
12,800.00	7,106.30	6,606.85	6,483.54	165.59	31.39	12.31	-1,736.04	322.70	4,799.44	4,725.15	74.28	64.609		
12,900.00	7,107.13	6,605.84	6,482.54	168.38	31.39	12.29	-1,736.04	322.58	4,898.70	4,824.37	74.33	65.907		
13,000.00	7,107.95	6,563.00	6,439.85	171.16	31.24	11.46	-1,736.00	319.24	5,000.12	4,925.77	74.35	67.251		
13,100.00	7,108.78	6,563.00	6,439.85	173.95	31.24	11.46	-1,736.00	319.24	5,099.34	5,024.95	74.40	68.543		
13,200.00	7,109.61	6,563.00	6,439.85	176.74	31.24	11.46	-1,736.00	319.24	5,198.59	5,124.15	74.44	69.834		
13,300.00	7,110.43	6,563.00	6,439.85	179.54	31.24	11.46	-1,736.00	319.24	5,297.87	5,223.38	74.49	71.123		
13,368.87	7,111.00	6,563.00	6,439.85	181.46	31.24	11.46	-1,736.00	319.24	5,366.26	5,291.74	74.52	72.009		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 249-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	140.41	-612.76	506.71	795.20					
100.00	100.00	90.18	90.18	3.28	3.29	140.39	-612.52	506.90	795.06	788.49	6.57	121.001		
200.00	200.00	191.50	191.49	3.34	3.31	140.31	-611.67	507.55	794.83	788.18	6.64	119.633		
300.00	299.98	289.30	289.28	3.44	3.36	-4.17	-610.37	508.66	792.79	785.99	6.80	116.600		
400.00	399.84	382.46	382.42	3.59	3.47	-4.34	-609.41	510.36	787.96	780.89	7.06	111.566		
500.00	499.45	476.82	476.75	3.79	3.62	-4.55	-609.00	512.62	780.47	773.05	7.42	105.211		
600.00	598.70	571.99	571.91	4.04	3.82	-4.67	-609.94	514.08	770.06	762.21	7.85	98.074		
700.00	697.47	663.96	663.84	4.32	4.03	-4.68	-612.48	514.56	756.89	748.55	8.34	90.713		
800.00	795.62	751.19	750.93	4.65	4.25	-4.54	-617.22	513.91	741.49	732.61	8.88	83.476		
900.00	893.06	836.52	835.88	5.01	4.50	-4.17	-624.91	512.06	724.48	715.01	9.47	76.524		
1,000.00	989.64	923.00	921.59	5.41	4.76	-3.53	-635.82	508.39	705.59	695.49	10.10	69.854		
1,100.00	1,085.27	1,003.38	1,000.72	5.85	5.03	-2.65	-649.15	503.76	685.56	674.79	10.76	63.702		
1,191.50	1,171.82	1,089.45	1,085.06	6.29	5.33	-1.50	-665.34	498.15	665.66	654.23	11.43	58.216		
1,200.00	1,179.82	1,097.41	1,092.85	6.34	5.36	-1.39	-666.87	497.61	663.71	652.21	11.50	57.704		
1,300.00	1,273.89	1,187.47	1,181.05	6.85	5.70	-0.10	-684.26	492.16	641.44	629.19	12.25	52.354		
1,400.00	1,367.96	1,276.13	1,267.77	7.38	6.05	1.24	-702.11	487.41	620.58	607.56	13.03	47.637		
1,500.00	1,462.03	1,367.51	1,356.85	7.93	6.43	2.79	-721.79	482.27	601.20	587.37	13.84	43.451		
1,600.00	1,556.10	1,464.46	1,451.16	8.49	6.85	4.63	-743.44	476.35	582.78	568.09	14.69	39.682		
1,700.00	1,650.17	1,560.23	1,544.20	9.06	7.27	6.63	-765.18	469.74	564.95	549.39	15.55	36.325		
1,800.00	1,744.24	1,653.30	1,634.57	9.65	7.69	8.68	-786.53	463.59	548.21	531.79	16.43	33.375		
1,900.00	1,838.31	1,748.49	1,727.18	10.23	8.13	10.73	-808.07	458.98	532.68	515.36	17.32	30.756		
2,000.00	1,932.38	1,844.28	1,820.44	10.83	8.58	12.80	-829.62	455.21	518.11	499.88	18.23	28.424		
2,100.00	2,026.45	1,946.24	1,919.92	11.43	9.06	14.99	-851.81	452.26	503.94	484.77	19.17	26.288		
2,200.00	2,120.52	2,048.77	2,019.99	12.03	9.54	17.49	-873.52	447.41	489.40	469.27	20.13	24.312		
2,300.00	2,214.59	2,149.05	2,117.91	12.63	10.02	20.22	-894.31	441.46	475.06	453.96	21.10	22.516		
2,400.00	2,308.66	2,253.54	2,220.33	13.24	10.51	23.10	-914.25	435.98	460.34	438.25	22.09	20.835		
2,500.00	2,402.73	2,352.13	2,317.22	13.86	10.98	25.92	-931.80	431.12	445.52	422.44	23.08	19.299		
2,600.00	2,496.80	2,451.52	2,414.92	14.47	11.45	28.93	-949.46	426.42	431.83	407.74	24.10	17.920		
2,700.00	2,590.87	2,548.43	2,510.45	15.09	11.90	31.96	-965.22	422.28	417.92	392.79	25.12	16.634		
2,800.00	2,684.95	2,642.92	2,603.36	15.71	12.35	35.07	-981.96	418.46	406.71	380.54	26.17	15.543		
2,900.00	2,779.02	2,738.36	2,697.37	16.33	12.80	38.32	-998.06	414.92	396.03	368.79	27.24	14.539		
3,000.00	2,873.09	2,830.38	2,787.67	16.95	13.24	41.76	-1,015.17	410.28	388.62	360.30	28.32	13.720		
3,100.00	2,967.16	2,929.29	2,884.79	17.57	13.72	45.57	-1,033.20	405.39	382.55	353.08	29.47	12.979		
3,200.00	3,061.23	3,033.53	2,987.30	18.20	14.21	49.68	-1,051.47	400.45	377.56	346.89	30.68	12.308		
3,300.00	3,155.30	3,127.52	3,080.05	18.82	14.66	53.47	-1,066.16	396.59	372.42	340.58	31.84	11.695		
3,375.55	3,226.37	3,193.76	3,145.16	19.29	14.98	56.13	-1,078.01	393.73	371.37	338.67	32.70	11.358 CC		
3,400.00	3,249.37	3,216.29	3,167.27	19.45	15.09	57.01	-1,082.29	392.87	371.46	338.48	32.98	11.263		
3,500.00	3,343.44	3,319.22	3,268.21	20.07	15.59	60.86	-1,102.18	389.82	372.82	338.59	34.23	10.892		
3,600.00	3,437.51	3,418.24	3,365.74	20.70	16.06	64.64	-1,119.11	387.29	373.62	338.16	35.46	10.537 ES		
3,700.00	3,531.58	3,512.01	3,458.01	21.33	16.51	68.21	-1,135.55	384.42	376.70	340.06	36.64	10.280		
3,800.00	3,625.65	3,606.38	3,550.75	21.96	16.97	71.71	-1,152.73	381.25	382.11	344.28	37.83	10.102		
3,900.00	3,719.72	3,702.87	3,645.53	22.59	17.44	75.22	-1,170.44	377.60	389.45	350.43	39.02	9.980		
4,000.00	3,813.79	3,797.98	3,739.00	23.22	17.91	78.65	-1,187.48	373.38	398.43	358.24	40.19	9.914		
4,100.00	3,907.86	3,884.93	3,824.21	23.85	18.34	81.53	-1,204.34	369.39	409.99	368.76	41.23	9.944		
4,200.00	4,001.93	3,974.34	3,911.20	24.48	18.79	84.10	-1,224.42	364.70	425.17	382.90	42.27	10.059		
4,300.00	4,096.00	4,068.73	4,002.73	25.11	19.28	86.51	-1,246.92	359.68	442.20	398.82	43.38	10.194		
4,400.00	4,190.07	4,166.23	4,097.46	25.75	19.78	88.99	-1,269.17	353.53	460.22	415.69	44.53	10.335		
4,500.00	4,284.14	4,271.13	4,199.78	26.38	20.31	91.64	-1,291.28	346.85	478.17	432.39	45.78	10.444		
4,600.00	4,378.21	4,376.50	4,303.35	27.01	20.82	94.50	-1,309.49	340.23	495.04	448.03	47.01	10.531		
4,700.00	4,472.28	4,476.18	4,401.57	27.65	21.30	97.10	-1,325.56	334.82	511.64	463.51	48.13	10.631		
4,800.00	4,566.35	4,574.46	4,498.34	28.28	21.78	99.38	-1,342.17	330.39	528.68	479.46	49.22	10.741		
4,900.00	4,660.42	4,672.85	4,595.12	28.91	22.26	101.43	-1,359.47	326.64	546.11	495.81	50.31	10.856		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 249-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,760.91	4,681.87	29.55	22.69	103.28	-1,373.99	322.35	564.77	513.54	51.23	11.024		
5,100.00	4,848.56	4,865.80	4,785.46	30.18	23.19	105.56	-1,389.28	316.44	584.24	531.87	52.37	11.156		
5,200.00	4,942.63	4,957.90	4,876.69	30.82	23.61	107.61	-1,400.81	311.18	603.94	550.64	53.30	11.331		
5,300.00	5,036.70	5,066.44	4,984.43	31.45	24.11	110.03	-1,412.57	305.40	623.70	569.27	54.43	11.459		
5,400.00	5,130.77	5,161.97	5,079.39	32.09	24.54	112.08	-1,422.07	301.02	643.41	588.04	55.37	11.621		
5,500.00	5,224.84	5,261.79	5,178.80	32.72	24.97	114.29	-1,429.73	296.40	663.60	607.28	56.32	11.782		
5,600.00	5,318.91	5,368.72	5,285.59	33.36	25.41	116.88	-1,433.42	292.51	683.20	625.90	57.30	11.923		
5,700.00	5,412.98	5,466.98	5,383.80	33.99	25.79	119.33	-1,434.04	289.71	702.94	644.81	58.13	12.092		
5,800.00	5,507.06	5,564.50	5,481.30	34.63	26.17	121.65	-1,434.44	287.49	723.30	664.36	58.94	12.271		
5,900.00	5,601.13	5,657.53	5,574.31	35.26	26.52	123.80	-1,434.14	285.68	744.43	684.75	59.69	12.472		
6,000.00	5,695.20	5,752.29	5,669.04	35.90	26.88	125.87	-1,433.74	283.51	766.93	706.50	60.43	12.690		
6,100.00	5,789.27	5,860.96	5,777.69	36.54	27.27	128.21	-1,432.09	282.37	789.33	728.03	61.30	12.877		
6,200.00	5,883.34	5,961.23	5,877.95	37.17	27.63	130.23	-1,430.90	283.07	810.98	748.91	62.07	13.066		
6,300.00	5,977.41	6,052.20	5,968.92	37.81	27.96	131.96	-1,430.04	283.68	833.50	770.75	62.75	13.283		
6,400.00	6,071.48	6,139.28	6,055.99	38.44	28.28	133.54	-1,429.17	283.77	857.33	793.94	63.39	13.525		
6,500.00	6,165.55	6,231.13	6,147.83	39.08	28.61	135.13	-1,427.93	283.21	882.60	818.53	64.07	13.775		
6,600.00	6,259.62	6,327.61	6,244.31	39.72	29.00	136.66	-1,415.40	282.66	908.44	845.11	64.75	14.030		
6,677.33	6,332.36	6,399.95	6,316.65	40.21	29.45	138.03	-1,416.39	282.07	928.95	864.51	65.43	14.289		
6,700.00	6,353.76	6,421.83	6,338.53	40.35	29.74	139.63	-1,416.63	281.83	946.58	881.16	66.12	14.551		
6,750.00	6,401.37	6,468.82	6,385.52	40.64	30.08	141.46	-1,416.97	281.84	962.44	896.02	66.81	14.817		
6,800.00	6,449.30	6,516.26	6,433.00	40.89	30.36	143.88	-1,417.13	281.95	978.19	911.77	67.50	15.087		
6,850.00	6,497.25	6,564.18	6,480.93	41.11	30.66	146.98	-1,417.14	282.06	993.84	927.42	68.19	15.360		
6,900.00	6,544.95	6,611.65	6,528.40	41.29	30.89	150.71	-1,416.99	282.17	1,009.41	943.01	68.88	15.636		
6,950.00	6,592.08	6,658.78	6,575.53	41.45	31.11	155.00	-1,416.70	282.28	1,024.93	958.55	69.57	15.914		
7,000.00	6,638.35	6,705.03	6,621.78	41.58	31.34	160.79	-1,416.22	282.39	1,040.42	974.05	70.26	16.194		
7,050.00	6,683.50	6,750.18	6,666.93	41.70	31.54	167.64	-1,415.54	282.50	1,055.88	989.55	70.95	16.476		
7,100.00	6,727.22	6,793.82	6,710.57	41.81	31.76	175.62	-1,414.61	282.61	1,071.21	1,005.00	71.64	16.760		
7,150.00	6,769.26	6,835.86	6,752.61	41.92	31.96	184.83	-1,413.51	282.72	1,086.44	1,020.24	72.33	17.046		
7,200.00	6,809.36	6,875.96	6,792.71	42.03	32.17	195.36	-1,412.31	282.83	1,101.54	1,035.35	73.02	17.333		
7,250.00	6,847.27	6,912.07	6,830.82	42.15	32.37	207.11	-1,411.01	282.94	1,116.51	1,050.24	73.71	17.621		
7,300.00	6,882.75	6,947.18	6,865.30	42.27	32.56	220.18	-1,409.73	283.05	1,131.37	1,065.11	74.40	17.910		
7,350.00	6,915.58	6,979.82	6,896.04	42.41	32.75	234.56	-1,408.15	283.16	1,146.11	1,079.96	75.09	18.199		
7,400.00	6,945.57	7,009.81	6,926.03	42.57	32.93	250.25	-1,407.20	283.27	1,160.74	1,094.69	75.78	18.489		
7,433.45	6,963.96	7,027.19	6,943.42	42.69	33.09	267.26	-1,406.97	283.38	1,171.17	1,105.12	76.47	18.780		
7,450.00	6,972.53	7,035.76	6,952.00	42.75	33.25	285.59	-1,407.04	283.49	1,181.50	1,115.45	77.16	19.071		
7,500.00	6,996.30	7,059.47	6,975.71	42.95	33.43	305.26	-1,407.94	283.60	1,191.73	1,125.68	77.85	19.362		
7,550.00	7,016.72	7,079.84	6,996.13	43.17	33.60	327.31	-1,410.06	283.71	1,201.86	1,135.81	78.54	19.653		
7,600.00	7,033.66	7,096.78	7,013.07	43.43	33.77	350.84	-1,412.81	283.82	1,211.89	1,145.84	79.23	19.944		
7,650.00	7,047.04	7,109.15	7,025.44	43.72	33.94	375.86	-1,415.46	283.93	1,221.82	1,155.77	80.00	20.235		
7,700.00	7,056.76	7,118.87	7,035.16	44.05	34.11	402.39	-1,418.12	284.04	1,231.65	1,165.60	80.77	20.526		
7,750.00	7,062.76	7,124.87	7,041.16	44.41	34.28	430.52	-1,420.32	284.15	1,241.38	1,175.33	81.54	20.817		
7,799.36	7,065.00	7,127.11	7,043.40	44.81	34.45	460.25	-1,422.21	284.26	1,250.91	1,184.86	82.31	21.108		
7,900.00	7,065.83	7,095.60	7,044.23	45.73	34.50	491.58	-1,424.22	284.37	1,260.24	1,194.19	83.08	21.399		
8,000.00	7,066.66	7,096.43	7,045.06	46.83	34.59	524.51	-1,423.89	284.48	1,269.47	1,203.42	83.85	21.690		
8,100.00	7,067.49	7,096.26	7,044.89	48.11	34.68	559.04	-1,421.84	284.59	1,278.60	1,212.55	84.62	21.981		
8,200.00	7,068.31	7,096.09	7,044.72	49.55	34.77	595.17	-1,422.35	284.70	1,287.63	1,221.68	85.39	22.272		
8,300.00	7,069.14	7,095.92	7,044.55	51.14	34.86	632.90	-1,423.37	284.81	1,296.56	1,230.71	86.16	22.563		
8,400.00	7,069.96	7,095.75	7,044.38	52.86	34.95	672.23	-1,423.69	284.92	1,305.39	1,239.74	86.93	22.854		
8,500.00	7,070.79	7,095.58	7,044.21	54.70	35.04	713.16	-1,423.59	285.03	1,314.12	1,248.67	87.70	23.145		
8,600.00	7,071.61	7,095.41	7,044.04	56.64	35.13	754.69	-1,423.34	285.14	1,322.75	1,257.50	88.47	23.436		
8,700.00	7,072.44	7,095.24	7,043.87	58.68	35.22	796.82	-1,423.07	285.25	1,331.28	1,266.33	89.24	23.727		
8,800.00	7,073.27	7,095.07	7,043.70	60.78	35.31	840.55	-1,422.81	285.36	1,339.71	1,275.16	90.01	24.018		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 249-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,074.09	6,751.00	6,658.87	62.96	30.50	47.86	-1,422.32	345.87	1,064.19	991.27	72.91	14.595		
9,000.00	7,074.92	6,751.00	6,658.87	65.19	30.50	47.86	-1,422.32	345.87	1,148.66	1,075.03	73.62	15.602		
9,100.00	7,075.74	6,751.00	6,658.87	67.48	30.50	47.86	-1,422.32	345.87	1,235.45	1,161.29	74.15	16.660		
9,200.00	7,076.57	6,717.15	6,627.42	69.82	30.38	45.69	-1,422.02	333.37	1,323.14	1,249.12	74.02	17.876		
9,300.00	7,077.40	6,702.53	6,613.69	72.19	30.33	44.78	-1,422.05	328.35	1,412.32	1,338.15	74.18	19.040		
9,400.00	7,078.22	6,689.20	6,601.10	74.61	30.28	43.97	-1,422.16	323.97	1,502.57	1,428.25	74.31	20.219		
9,500.00	7,079.05	6,656.00	6,569.46	77.05	30.17	42.00	-1,422.77	313.92	1,594.08	1,519.91	74.17	21.492		
9,600.00	7,079.87	6,656.00	6,569.46	79.53	30.17	42.00	-1,422.77	313.92	1,685.76	1,611.33	74.43	22.649		
9,700.00	7,080.70	6,656.00	6,569.46	82.03	30.17	42.00	-1,422.77	313.92	1,778.33	1,703.69	74.64	23.827		
9,800.00	7,081.53	6,656.00	6,569.46	84.55	30.17	42.00	-1,422.77	313.92	1,871.67	1,796.86	74.80	25.022		
9,900.00	7,082.35	6,656.00	6,569.46	87.10	30.17	42.00	-1,422.77	313.92	1,965.66	1,890.72	74.94	26.231		
10,000.00	7,083.18	6,656.00	6,569.46	89.67	30.17	42.00	-1,422.77	313.92	2,060.22	1,985.17	75.05	27.453		
10,100.00	7,084.00	6,623.07	6,537.74	92.25	30.05	40.15	-1,423.53	305.13	2,154.41	2,079.50	74.91	28.761		
10,200.00	7,084.83	6,616.18	6,531.07	94.86	30.02	39.78	-1,423.66	303.43	2,249.51	2,174.55	74.96	30.011		
10,300.00	7,085.65	6,609.71	6,524.78	97.47	30.00	39.44	-1,423.78	301.89	2,344.95	2,269.95	75.00	31.266		
10,400.00	7,086.48	6,603.60	6,518.84	100.10	29.98	39.12	-1,423.89	300.47	2,440.69	2,365.66	75.04	32.526		
10,500.00	7,087.31	6,597.84	6,513.23	102.75	29.96	38.82	-1,423.99	299.17	2,536.72	2,461.64	75.07	33.790		
10,600.00	7,088.13	6,562.00	6,478.14	105.40	29.83	37.05	-1,424.45	291.89	2,633.68	2,558.72	74.96	35.136		
10,700.00	7,088.96	6,562.00	6,478.14	108.07	29.83	37.05	-1,424.45	291.89	2,729.96	2,654.94	75.02	36.389		
10,800.00	7,089.78	6,562.00	6,478.14	110.75	29.83	37.05	-1,424.45	291.89	2,826.50	2,751.43	75.08	37.647		
10,900.00	7,090.61	6,562.00	6,478.14	113.43	29.83	37.05	-1,424.45	291.89	2,923.28	2,848.15	75.13	38.910		
11,000.00	7,091.44	6,562.00	6,478.14	116.13	29.83	37.05	-1,424.45	291.89	3,020.26	2,945.09	75.17	40.177		
11,100.00	7,092.26	6,562.00	6,478.14	118.83	29.83	37.05	-1,424.45	291.89	3,117.43	3,042.22	75.22	41.447		
11,200.00	7,093.09	6,562.00	6,478.14	121.54	29.83	37.05	-1,424.45	291.89	3,214.78	3,139.53	75.25	42.719		
11,300.00	7,093.91	6,562.00	6,478.14	124.25	29.83	37.05	-1,424.45	291.89	3,312.29	3,237.00	75.29	43.995		
11,400.00	7,094.74	6,562.00	6,478.14	126.98	29.83	37.05	-1,424.45	291.89	3,409.94	3,334.62	75.32	45.272		
11,500.00	7,095.57	6,562.00	6,478.14	129.70	29.83	37.05	-1,424.45	291.89	3,507.72	3,432.37	75.35	46.551		
11,600.00	7,096.39	6,562.00	6,478.14	132.44	29.83	37.05	-1,424.45	291.89	3,605.62	3,530.24	75.38	47.831		
11,700.00	7,097.22	6,562.00	6,478.14	135.18	29.83	37.05	-1,424.45	291.89	3,703.64	3,628.23	75.41	49.113		
11,800.00	7,098.04	6,562.00	6,478.14	137.92	29.83	37.05	-1,424.45	291.89	3,801.76	3,726.32	75.44	50.396		
11,900.00	7,098.87	6,562.00	6,478.14	140.67	29.83	37.05	-1,424.45	291.89	3,899.97	3,824.51	75.47	51.679		
12,000.00	7,099.69	6,562.00	6,478.14	143.43	29.83	37.05	-1,424.45	291.89	3,998.28	3,922.78	75.49	52.963		
12,100.00	7,100.52	6,562.00	6,478.14	146.19	29.83	37.05	-1,424.45	291.89	4,096.66	4,021.14	75.52	54.247		
12,200.00	7,101.35	6,562.00	6,478.14	148.95	29.83	37.05	-1,424.45	291.89	4,195.12	4,119.58	75.55	55.531		
12,300.00	7,102.17	6,562.00	6,478.14	151.71	29.83	37.05	-1,424.45	291.89	4,293.66	4,218.08	75.57	56.815		
12,400.00	7,103.00	6,562.00	6,478.14	154.48	29.83	37.05	-1,424.45	291.89	4,392.25	4,316.65	75.60	58.099		
12,500.00	7,103.82	6,562.00	6,478.14	157.26	29.83	37.05	-1,424.45	291.89	4,490.92	4,415.29	75.63	59.382		
12,600.00	7,104.65	6,562.00	6,478.14	160.03	29.83	37.05	-1,424.45	291.89	4,589.63	4,513.98	75.66	60.665		
12,700.00	7,105.48	6,562.00	6,478.14	162.81	29.83	37.05	-1,424.45	291.89	4,688.41	4,612.72	75.68	61.947		
12,800.00	7,106.30	6,562.00	6,478.14	165.59	29.83	37.05	-1,424.45	291.89	4,787.23	4,711.52	75.71	63.229		
12,900.00	7,107.13	6,562.00	6,478.14	168.38	29.83	37.05	-1,424.45	291.89	4,886.10	4,810.36	75.74	64.510		
13,000.00	7,107.95	6,562.00	6,478.14	171.16	29.83	37.05	-1,424.45	291.89	4,985.02	4,909.25	75.77	65.790		
13,100.00	7,108.78	6,562.00	6,478.14	173.95	29.83	37.05	-1,424.45	291.89	5,083.98	5,008.18	75.80	67.069		
13,200.00	7,109.61	6,562.00	6,478.14	176.74	29.83	37.05	-1,424.45	291.89	5,182.98	5,107.15	75.83	68.346		
13,300.00	7,110.43	6,562.00	6,478.14	179.54	29.83	37.05	-1,424.45	291.89	5,282.02	5,206.15	75.87	69.623		
13,368.87	7,111.00	6,562.00	6,478.14	181.46	29.83	37.05	-1,424.45	291.89	5,350.24	5,274.35	75.89	70.501		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 141-MWD+IFR1													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	0.00	132.96	-472.86	507.82	693.97					
100.00	100.00	87.34	87.34	3.28	0.19	132.93	-472.67	508.14	693.99	690.52	3.48	199.633		
200.00	200.00	176.75	176.74	3.34	0.47	132.83	-472.18	509.35	694.65	690.84	3.82	181.989		
300.00	299.98	255.89	255.80	3.44	0.83	-11.72	-472.31	512.77	696.22	691.91	4.32	161.257		
400.00	399.84	335.27	334.95	3.59	1.19	-12.07	-473.06	518.75	697.32	692.45	4.87	143.122		
500.00	499.45	409.66	408.88	3.79	1.53	-12.53	-474.66	526.86	698.37	692.89	5.48	127.405		
600.00	598.70	485.03	483.44	4.04	1.88	-13.07	-477.74	537.36	699.66	693.53	6.14	114.020		
700.00	697.47	565.31	562.51	4.32	2.24	-13.65	-483.15	550.12	700.89	694.07	6.82	102.770		
800.00	795.62	651.75	647.37	4.65	2.66	-14.21	-491.43	564.34	701.12	693.58	7.53	93.080		
900.00	893.06	742.91	736.64	5.01	3.11	-14.71	-502.59	579.06	699.54	691.26	8.27	84.561		
1,000.00	989.64	842.75	834.19	5.41	3.60	-15.06	-518.04	593.57	695.45	686.39	9.06	76.758		
1,100.00	1,085.27	961.83	950.48	5.85	4.18	-15.02	-540.77	605.17	686.66	676.75	9.92	69.246		
1,191.50	1,171.82	1,087.87	1,073.62	6.29	4.76	-14.42	-567.32	608.44	671.87	661.10	10.78	62.348		
1,200.00	1,179.82	1,094.56	1,080.14	6.34	4.78	-14.36	-568.79	608.37	670.18	659.33	10.85	61.779		
1,300.00	1,273.89	1,196.92	1,179.60	6.85	5.24	-13.29	-592.64	604.78	649.51	637.80	11.72	55.432		
1,400.00	1,367.96	1,288.38	1,267.64	7.38	5.65	-11.91	-616.78	599.22	629.38	616.79	12.58	50.016		
1,500.00	1,462.03	1,380.08	1,355.21	7.93	6.07	-10.23	-643.16	592.56	610.54	597.07	13.47	45.312		
1,600.00	1,556.10	1,473.26	1,443.79	8.49	6.52	-8.31	-671.13	585.29	592.89	578.50	14.39	41.207		
1,700.00	1,650.17	1,566.46	1,531.98	9.06	6.98	-6.16	-700.30	577.55	576.66	561.34	15.32	37.647		
1,800.00	1,744.24	1,666.26	1,626.28	9.65	7.50	-3.69	-731.73	568.77	561.25	544.97	16.28	34.478		
1,900.00	1,838.31	1,768.56	1,723.29	10.23	8.03	-1.06	-762.88	559.48	545.87	528.62	17.25	31.638		
2,000.00	1,932.38	1,863.17	1,813.29	10.83	8.53	1.41	-790.89	551.36	531.15	512.94	18.21	29.166		
2,100.00	2,026.45	1,936.67	1,882.97	11.43	8.94	3.32	-813.78	546.72	519.91	500.82	19.09	27.238		
2,200.00	2,120.52	2,029.75	1,970.88	12.03	9.46	5.68	-844.16	543.22	512.30	492.25	20.05	25.557		
2,300.00	2,214.59	2,127.50	2,063.37	12.63	10.02	8.12	-875.70	540.39	505.72	484.69	21.03	24.048		
2,400.00	2,308.66	2,232.34	2,162.88	13.24	10.61	10.72	-908.57	537.64	499.36	477.30	22.06	22.639		
2,500.00	2,402.73	2,328.60	2,254.51	13.86	11.15	13.08	-937.97	535.58	493.35	470.31	23.04	21.409		
2,600.00	2,496.80	2,428.28	2,349.28	14.47	11.71	15.73	-968.69	532.13	488.13	464.06	24.06	20.286		
2,700.00	2,590.87	2,528.01	2,444.19	15.09	12.28	18.50	-999.03	527.98	483.39	458.30	25.09	19.265		
2,800.00	2,684.95	2,623.36	2,535.04	15.71	12.81	21.07	-1,027.81	525.01	479.80	453.70	26.11	18.380		
2,900.00	2,779.02	2,718.72	2,625.85	16.33	13.36	23.59	-1,056.84	522.77	477.67	450.54	27.13	17.607		
3,000.00	2,873.09	2,815.18	2,717.62	16.95	13.90	26.09	-1,086.49	521.19	476.94	448.77	28.17	16.928		
3,021.71	2,893.51	2,836.54	2,737.93	17.08	14.03	26.67	-1,093.08	520.61	476.92	448.52	28.41	16.789 CC		
3,100.00	2,967.16	2,911.27	2,808.90	17.57	14.45	28.82	-1,116.28	517.53	477.31	448.07	29.24	16.326 ES		
3,200.00	3,061.23	3,003.99	2,896.75	18.20	14.99	31.49	-1,145.69	513.63	479.56	449.27	30.29	15.835		
3,300.00	3,155.30	3,099.77	2,987.26	18.82	15.55	34.20	-1,176.79	509.77	483.77	452.39	31.38	15.417		
3,400.00	3,249.37	3,199.27	3,081.44	19.45	16.12	36.89	-1,208.69	506.44	488.67	456.14	32.53	15.023		
3,500.00	3,343.44	3,295.50	3,172.54	20.07	16.68	39.42	-1,239.53	503.36	494.61	460.95	33.65	14.697		
3,600.00	3,437.51	3,397.92	3,269.53	20.70	17.28	42.19	-1,272.13	498.88	501.53	466.66	34.87	14.382		
3,700.00	3,531.58	3,503.28	3,369.89	21.33	17.88	44.91	-1,303.94	494.92	507.73	471.60	36.13	14.052		
3,800.00	3,625.65	3,608.50	3,470.52	21.96	18.47	47.45	-1,334.56	492.35	513.55	476.16	37.39	13.734		
3,900.00	3,719.72	3,704.31	3,562.32	22.59	19.01	49.63	-1,361.95	490.81	519.51	480.95	38.56	13.472		
4,000.00	3,813.79	3,798.20	3,652.18	23.22	19.54	51.82	-1,389.09	488.31	526.91	487.18	39.73	13.263		
4,100.00	3,907.86	3,906.67	3,756.22	23.85	20.14	54.38	-1,419.52	484.65	534.60	493.54	41.06	13.019		
4,200.00	4,001.93	3,983.09	3,829.28	24.48	20.57	56.13	-1,441.74	481.83	544.17	502.13	42.03	12.946		
4,300.00	4,096.00	4,063.99	3,905.85	25.11	21.05	57.88	-1,467.60	478.22	557.61	514.60	43.02	12.962		
4,400.00	4,190.07	4,149.04	3,985.58	25.75	21.56	59.58	-1,496.87	474.00	574.25	530.20	44.05	13.038		
4,500.00	4,284.14	4,237.30	4,067.75	26.38	22.10	61.19	-1,528.82	469.62	593.13	548.01	45.12	13.145		
4,600.00	4,378.21	4,335.86	4,159.11	27.01	22.71	62.80	-1,565.48	465.04	613.28	566.89	46.39	13.221		
4,700.00	4,472.28	4,438.94	4,255.03	27.65	23.34	64.37	-1,603.03	460.85	632.86	585.13	47.73	13.259		
4,800.00	4,566.35	4,541.85	4,351.14	28.28	23.97	65.87	-1,639.60	456.88	651.95	602.88	49.07	13.286		
4,900.00	4,660.42	4,648.76	4,451.42	28.91	24.62	67.36	-1,676.45	453.24	670.26	619.79	50.46	13.282		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 141-MWD+IFR1													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,748.95	4,545.77	29.55	25.22	68.72	-1,710.00	449.94	688.01	636.27	51.74	13.296		
5,100.00	4,848.56	4,854.92	4,645.93	30.18	25.84	70.14	-1,744.44	446.51	705.28	652.17	53.11	13.280		
5,200.00	4,942.63	4,965.09	4,750.54	30.82	26.48	71.56	-1,778.88	443.71	721.47	666.95	54.52	13.233		
5,300.00	5,036.70	5,072.52	4,853.19	31.45	27.09	72.94	-1,810.49	441.53	736.19	680.31	55.88	13.175		
5,400.00	5,130.77	5,168.75	4,945.47	32.09	27.63	74.23	-1,837.64	438.93	750.77	693.68	57.09	13.150		
5,500.00	5,224.84	5,266.60	5,039.18	32.72	28.18	75.47	-1,865.73	436.39	766.04	707.72	58.32	13.135		
5,600.00	5,318.91	5,364.72	5,133.07	33.36	28.74	76.61	-1,894.13	434.45	781.40	721.85	59.55	13.121		
5,700.00	5,412.98	5,466.73	5,250.12	33.99	29.42	77.97	-1,928.50	433.08	796.00	734.94	61.06	13.036		
5,800.00	5,507.06	5,565.45	5,345.31	34.63	29.96	79.06	-1,954.66	432.85	808.97	746.68	62.29	12.987		
5,900.00	5,601.13	5,673.24	5,429.82	35.26	30.44	80.00	-1,978.45	432.39	822.84	759.44	63.40	12.979		
6,000.00	5,695.20	5,771.10	5,523.87	35.90	30.99	80.97	-2,005.48	431.96	837.28	772.67	64.61	12.958		
6,100.00	5,789.27	5,842.31	5,592.02	36.54	31.39	81.65	-2,026.07	430.82	853.69	788.20	65.49	13.036		
6,200.00	5,883.34	5,947.62	5,692.80	37.17	31.98	82.72	-2,056.38	426.95	871.80	804.99	66.81	13.049		
6,300.00	5,977.41	6,028.02	5,769.84	37.81	32.44	83.54	-2,079.12	423.58	890.20	822.42	67.78	13.134		
6,400.00	6,071.48	6,117.16	5,854.57	38.44	32.95	84.30	-2,106.59	419.97	910.33	841.47	68.86	13.220		
6,500.00	6,165.55	6,256.14	5,987.46	39.08	33.74	85.48	-2,146.98	416.27	928.38	857.73	70.65	13.141		
6,600.00	6,259.62	6,337.03	6,064.88	39.72	34.19	86.10	-2,170.36	415.10	945.67	874.04	71.63	13.201		
6,677.33	6,332.36	6,399.49	6,124.23	40.21	34.56	86.51	-2,189.78	414.04	960.33	887.95	72.39	13.267		
6,700.00	6,353.76	6,418.00	6,141.76	40.35	34.66	81.88	-2,195.74	413.68	964.52	891.92	72.60	13.285		
6,750.00	6,401.37	6,464.93	6,186.13	40.64	34.94	69.52	-2,211.01	412.72	971.69	898.56	73.13	13.287		
6,800.00	6,449.30	6,512.61	6,231.16	40.89	35.23	54.82	-2,226.65	411.70	975.86	902.23	73.63	13.253		
6,850.00	6,497.25	6,563.68	6,279.34	41.11	35.53	39.60	-2,243.55	410.69	976.92	902.78	74.14	13.177		
6,900.00	6,544.95	6,615.86	6,328.53	41.29	35.84	25.80	-2,260.91	409.83	974.77	900.15	74.62	13.063		
6,950.00	6,592.08	6,672.07	6,381.67	41.45	36.17	14.29	-2,279.24	408.98	969.28	894.15	75.13	12.901		
7,000.00	6,638.35	6,729.05	6,435.72	41.58	36.50	4.94	-2,297.23	408.21	960.43	884.80	75.62	12.700		
7,050.00	6,683.50	6,785.67	6,488.43	41.70	41.20	-80.65	-2,513.06	1,176.26	945.90	895.27	50.63	18.683		
7,100.00	6,727.22	6,866.00	6,723.44	41.81	41.08	-87.87	-2,513.55	1,156.60	910.76	858.58	52.18	17.454		
7,150.00	6,769.26	6,843.23	6,723.07	41.92	40.97	-93.37	-2,514.21	1,133.84	878.04	824.30	53.74	16.339		
7,200.00	6,809.36	6,817.46	6,723.38	42.03	40.88	-97.54	-2,515.08	1,108.09	847.96	792.67	55.28	15.339		
7,250.00	6,847.27	6,847.27	6,723.75	42.15	40.80	-100.57	-2,516.19	1,077.65	820.65	763.79	56.86	14.433		
7,300.00	6,882.75	6,882.75	6,723.62	42.27	40.75	-102.78	-2,517.42	1,044.25	796.21	737.83	58.38	13.639		
7,350.00	6,915.58	6,915.58	6,723.68	42.41	40.70	-104.35	-2,518.78	1,008.08	774.69	714.88	59.82	12.951		
7,400.00	6,945.57	6,945.57	6,723.44	42.57	40.67	-105.39	-2,520.29	968.88	756.09	694.92	61.17	12.360		
7,450.00	6,972.53	6,972.53	6,723.30	42.75	40.66	-106.02	-2,522.18	929.10	740.34	677.83	62.52	11.843		
7,500.00	6,996.30	6,996.30	6,723.98	42.95	40.65	-105.85	-2,526.04	882.59	727.51	663.44	64.07	11.355		
7,550.00	7,016.72	7,016.72	6,922.54	43.17	39.48	-69.03	-2,475.04	481.98	710.74	632.09	78.65	9.037		
7,600.00	7,033.66	7,033.66	6,911.33	43.43	39.41	-70.52	-2,470.35	476.00	688.51	609.65	78.86	8.731		
7,650.00	7,047.04	7,047.04	6,897.33	43.72	39.33	-71.28	-2,464.48	469.01	668.98	590.00	78.99	8.470		
7,700.00	7,056.76	7,056.76	6,881.66	44.05	39.24	-71.46	-2,457.87	461.80	652.34	573.31	79.03	8.254		
7,750.00	7,062.76	7,062.76	6,864.87	44.41	39.14	-71.14	-2,450.77	454.75	638.72	559.71	79.00	8.085		
7,799.36	7,065.00	7,065.00	6,847.50	44.81	39.04	-70.39	-2,443.38	448.19	628.30	549.37	78.94	7.960		
7,900.00	7,065.83	7,065.83	6,821.64	45.73	38.87	-67.78	-2,432.42	439.60	617.42	538.48	78.94	7.821		
7,922.34	7,066.02	7,066.02	6,816.78	45.97	38.84	-67.29	-2,430.37	438.12	617.04	538.06	78.98	7.813 SF		
8,000.00	7,066.66	7,066.66	6,801.65	46.83	38.75	-65.76	-2,424.04	433.79	621.63	542.53	79.11	7.858		
8,100.00	7,067.49	7,067.49	6,785.48	48.11	38.64	-64.14	-2,417.32	429.60	640.85	561.46	79.39	8.072		
8,200.00	7,068.31	7,068.31	6,772.15	49.55	38.56	-62.80	-2,411.82	426.49	673.98	594.24	79.74	8.453		
8,300.00	7,069.14	7,069.14	6,761.44	51.14	38.50	-61.74	-2,407.43	424.20	719.22	639.13	80.09	8.981		
8,400.00	7,069.96	7,069.96	6,761.44	52.86	38.50	-61.74	-2,407.43	424.20	774.66	694.08	80.59	9.613		
8,500.00	7,070.79	7,070.79	6,744.29	54.70	38.39	-60.04	-2,400.50	420.91	838.00	757.38	80.62	10.394		
8,600.00	7,071.61	7,071.61	6,737.27	56.64	38.34	-59.35	-2,397.72	419.68	907.92	827.13	80.80	11.237		
8,700.00	7,072.44	7,072.44	6,730.97	58.68	38.30	-58.74	-2,395.25	418.64	982.94	902.03	80.92	12.148		
8,800.00	7,073.27	7,073.27	6,725.29	60.78	38.26	-58.19	-2,393.04	417.75	1,062.00	981.01	81.00	13.111		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 141-MWD+IFR1													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,074.09	7,028.99	6,720.14	62.96	38.23	-57.70	-2,391.06	416.98	1,144.28	1,063.23	81.05	14.118		
9,000.00	7,074.92	7,023.92	6,715.45	65.19	38.20	-57.25	-2,389.26	416.31	1,229.13	1,148.05	81.08	15.159		
9,100.00	7,075.74	7,019.29	6,711.16	67.48	38.18	-56.84	-2,387.63	415.73	1,316.06	1,234.97	81.10	16.228		
9,200.00	7,076.57	7,015.05	6,707.22	69.82	38.15	-56.46	-2,386.15	415.22	1,404.70	1,323.60	81.10	17.320		
9,300.00	7,077.40	7,011.15	6,703.59	72.19	38.13	-56.12	-2,384.79	414.76	1,494.74	1,413.64	81.10	18.431		
9,400.00	7,078.22	6,981.00	6,675.41	74.61	37.95	-53.50	-2,374.48	411.84	1,586.61	1,505.77	80.84	19.627		
9,500.00	7,079.05	6,981.00	6,675.41	77.05	37.95	-53.50	-2,374.48	411.84	1,678.64	1,597.76	80.87	20.756		
9,600.00	7,079.87	6,981.00	6,675.41	79.53	37.95	-53.50	-2,374.48	411.84	1,771.53	1,690.63	80.90	21.898		
9,700.00	7,080.70	6,981.00	6,675.41	82.03	37.95	-53.50	-2,374.48	411.84	1,865.15	1,784.23	80.92	23.050		
9,800.00	7,081.53	6,981.00	6,675.41	84.55	37.95	-53.50	-2,374.48	411.84	1,959.41	1,878.47	80.93	24.210		
9,900.00	7,082.35	6,981.00	6,675.41	87.10	37.95	-53.50	-2,374.48	411.84	2,054.21	1,973.26	80.94	25.378		
10,000.00	7,083.18	6,981.00	6,675.41	89.67	37.95	-53.50	-2,374.48	411.84	2,149.48	2,068.52	80.95	26.552		
10,100.00	7,084.00	6,981.00	6,675.41	92.25	37.95	-53.50	-2,374.48	411.84	2,245.16	2,164.19	80.96	27.731		
10,200.00	7,084.83	6,981.00	6,675.41	94.86	37.95	-53.50	-2,374.48	411.84	2,341.20	2,260.23	80.97	28.914		
10,300.00	7,085.65	6,981.00	6,675.41	97.47	37.95	-53.50	-2,374.48	411.84	2,437.56	2,356.58	80.98	30.101		
10,400.00	7,086.48	6,981.00	6,675.41	100.10	37.95	-53.50	-2,374.48	411.84	2,534.20	2,453.22	80.99	31.292		
10,500.00	7,087.31	6,981.00	6,675.41	102.75	37.95	-53.50	-2,374.48	411.84	2,631.10	2,550.10	80.99	32.485		
10,600.00	7,088.13	6,981.00	6,675.41	105.40	37.95	-53.50	-2,374.48	411.84	2,728.21	2,647.21	81.00	33.680		
10,700.00	7,088.96	6,981.00	6,675.41	108.07	37.95	-53.50	-2,374.48	411.84	2,825.53	2,744.52	81.01	34.878		
10,800.00	7,089.78	6,981.00	6,675.41	110.75	37.95	-53.50	-2,374.48	411.84	2,923.03	2,842.01	81.02	36.077		
10,900.00	7,090.61	6,981.00	6,675.41	113.43	37.95	-53.50	-2,374.48	411.84	3,020.70	2,939.66	81.03	37.277		
11,000.00	7,091.44	6,981.00	6,675.41	116.13	37.95	-53.50	-2,374.48	411.84	3,118.51	3,037.46	81.05	38.478		
11,100.00	7,092.26	6,981.00	6,675.41	118.83	37.95	-53.50	-2,374.48	411.84	3,216.45	3,135.39	81.06	39.680		
11,200.00	7,093.09	6,981.00	6,675.41	121.54	37.95	-53.50	-2,374.48	411.84	3,314.52	3,233.45	81.07	40.883		
11,300.00	7,093.91	6,981.00	6,675.41	124.25	37.95	-53.50	-2,374.48	411.84	3,412.70	3,331.61	81.09	42.086		
11,400.00	7,094.74	6,981.00	6,675.41	126.98	37.95	-53.50	-2,374.48	411.84	3,510.99	3,429.88	81.11	43.289		
11,500.00	7,095.57	6,981.00	6,675.41	129.70	37.95	-53.50	-2,374.48	411.84	3,609.37	3,528.24	81.12	44.492		
11,600.00	7,096.39	6,981.00	6,675.41	132.44	37.95	-53.50	-2,374.48	411.84	3,707.83	3,626.69	81.14	45.695		
11,700.00	7,097.22	6,981.00	6,675.41	135.18	37.95	-53.50	-2,374.48	411.84	3,806.37	3,725.21	81.16	46.898		
11,800.00	7,098.04	6,981.00	6,675.41	137.92	37.95	-53.50	-2,374.48	411.84	3,904.99	3,823.81	81.18	48.100		
11,900.00	7,098.87	6,981.00	6,675.41	140.67	37.95	-53.50	-2,374.48	411.84	4,003.68	3,922.47	81.21	49.302		
12,000.00	7,099.69	6,981.00	6,675.41	143.43	37.95	-53.50	-2,374.48	411.84	4,102.43	4,021.20	81.23	50.504		
12,100.00	7,100.52	6,981.00	6,675.41	146.19	37.95	-53.50	-2,374.48	411.84	4,201.24	4,119.99	81.25	51.705		
12,200.00	7,101.35	6,981.00	6,675.41	148.95	37.95	-53.50	-2,374.48	411.84	4,300.11	4,218.83	81.28	52.904		
12,300.00	7,102.17	6,981.00	6,675.41	151.71	37.95	-53.50	-2,374.48	411.84	4,399.02	4,317.71	81.31	54.104		
12,400.00	7,103.00	6,981.00	6,675.41	154.48	37.95	-53.50	-2,374.48	411.84	4,497.99	4,416.65	81.34	55.302		
12,500.00	7,103.82	6,981.00	6,675.41	157.26	37.95	-53.50	-2,374.48	411.84	4,597.00	4,515.63	81.36	56.499		
12,600.00	7,104.65	6,981.00	6,675.41	160.03	37.95	-53.50	-2,374.48	411.84	4,696.05	4,614.65	81.39	57.695		
12,700.00	7,105.48	6,981.00	6,675.41	162.81	37.95	-53.50	-2,374.48	411.84	4,795.14	4,713.71	81.43	58.889		
12,800.00	7,106.30	6,981.00	6,675.41	165.59	37.95	-53.50	-2,374.48	411.84	4,894.26	4,812.81	81.46	60.083		
12,900.00	7,107.13	6,981.00	6,675.41	168.38	37.95	-53.50	-2,374.48	411.84	4,993.43	4,911.93	81.49	61.275		
13,000.00	7,107.95	6,981.00	6,675.41	171.16	37.95	-53.50	-2,374.48	411.84	5,092.62	5,011.09	81.53	62.466		
13,100.00	7,108.78	6,981.00	6,675.41	173.95	37.95	-53.50	-2,374.48	411.84	5,191.85	5,110.29	81.56	63.656		
13,200.00	7,109.61	6,981.00	6,675.41	176.74	37.95	-53.50	-2,374.48	411.84	5,291.10	5,209.50	81.60	64.844		
13,300.00	7,110.43	6,943.68	6,640.24	179.54	37.74	-50.37	-2,362.25	409.41	5,389.68	5,308.24	81.44	66.183		
13,368.87	7,111.00	6,943.14	6,639.72	181.46	37.73	-50.32	-2,362.08	409.38	5,458.05	5,376.59	81.46	67.003		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 226-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	129.07	-412.75	508.37	654.93					
100.00	100.00	85.62	85.62	3.28	3.29	129.09	-413.08	508.40	655.06	648.49	6.57	99.702		
200.00	200.00	181.80	181.79	3.34	3.30	129.17	-414.20	508.48	655.87	649.23	6.64	98.748		
300.00	299.98	284.98	284.96	3.44	3.36	-15.13	-415.76	508.67	655.29	648.48	6.80	96.299		
400.00	399.84	389.35	389.33	3.59	3.49	-15.32	-415.55	509.05	650.39	643.31	7.08	91.826		
500.00	499.45	491.57	491.54	3.79	3.66	-15.62	-415.06	509.09	641.72	634.27	7.45	86.088		
600.00	598.70	577.82	577.79	4.04	3.84	-15.97	-414.94	509.56	630.35	622.48	7.87	80.073		
700.00	697.47	662.47	662.37	4.32	4.04	-16.59	-414.64	512.77	618.05	609.69	8.36	73.959		
800.00	795.62	746.86	746.54	4.65	4.27	-17.53	-413.78	518.81	604.81	595.91	8.90	67.949		
900.00	893.06	833.52	832.74	5.01	4.52	-18.79	-412.66	527.61	590.70	581.20	9.50	62.160		
1,000.00	989.64	928.69	927.25	5.41	4.82	-20.44	-411.58	538.72	575.02	564.85	10.17	56.527		
1,100.00	1,085.27	1,038.16	1,036.21	5.85	5.18	-22.37	-411.90	549.20	555.67	544.75	10.92	50.880		
1,191.50	1,171.82	1,145.65	1,143.54	6.29	5.56	-24.26	-413.20	554.88	532.76	521.10	11.66	45.681		
1,200.00	1,179.82	1,155.61	1,153.49	6.34	5.59	-24.43	-413.28	555.19	530.36	518.62	11.74	45.188		
1,300.00	1,273.89	1,269.10	1,266.97	6.85	5.99	-26.37	-413.69	556.32	500.38	487.84	12.54	39.916		
1,400.00	1,367.96	1,362.93	1,360.80	7.38	6.32	-28.24	-413.08	556.06	469.32	456.01	13.31	35.257		
1,500.00	1,462.03	1,457.54	1,455.40	7.93	6.66	-30.34	-412.60	555.30	438.40	424.28	14.12	31.050		
1,600.00	1,556.10	1,549.50	1,547.36	8.49	6.99	-32.63	-412.42	554.54	408.19	393.24	14.95	27.297		
1,700.00	1,650.17	1,639.92	1,637.78	9.06	7.34	-35.26	-412.22	554.62	379.52	363.69	15.83	23.979		
1,800.00	1,744.24	1,736.16	1,734.02	9.65	7.71	-38.56	-411.68	554.87	351.87	335.13	16.74	21.021		
1,900.00	1,838.31	1,828.38	1,826.24	10.23	8.07	-42.22	-411.07	555.15	325.48	307.79	17.69	18.399		
2,000.00	1,932.38	1,923.28	1,921.11	10.83	8.45	-46.86	-409.14	555.74	300.77	282.08	18.69	16.095		
2,100.00	2,026.45	2,021.55	2,019.20	11.43	8.84	-53.17	-403.45	555.73	277.53	257.79	19.74	14.059		
2,200.00	2,120.52	2,116.09	2,113.31	12.03	9.22	-60.92	-394.59	554.13	256.66	235.79	20.86	12.301		
2,300.00	2,214.59	2,209.73	2,206.19	12.63	9.60	-70.26	-383.17	550.91	240.47	218.43	22.03	10.914		
2,400.00	2,308.66	2,291.42	2,287.01	13.24	9.93	-79.41	-371.63	548.13	232.81	209.67	23.14	10.062		
2,414.46	2,322.26	2,303.14	2,298.60	13.33	9.98	-80.77	-369.84	547.90	232.68	209.40	23.28	9.994 CC, ES		
2,500.00	2,402.73	2,374.73	2,369.18	13.86	10.27	-89.10	-357.97	546.75	236.76	212.72	24.05	9.846 SF		
2,600.00	2,496.80	2,454.45	2,447.43	14.47	10.60	-98.13	-342.79	546.06	252.12	227.45	24.67	10.219		
2,700.00	2,590.87	2,533.47	2,524.55	15.09	10.93	-106.20	-325.54	546.54	278.35	253.25	25.11	11.088		
2,800.00	2,684.95	2,610.97	2,599.69	15.71	11.26	-113.16	-306.59	546.92	312.93	287.50	25.43	12.304		
2,900.00	2,779.02	2,685.27	2,671.20	16.33	11.58	-118.79	-286.46	547.81	354.58	328.89	25.69	13.800		
3,000.00	2,873.09	2,770.24	2,752.73	16.95	11.94	-124.12	-262.55	548.55	400.38	374.11	26.27	15.240		
3,100.00	2,967.16	2,846.52	2,825.79	17.57	12.28	-128.18	-240.62	548.25	448.92	422.23	26.68	16.825		
3,200.00	3,061.23	2,925.68	2,901.29	18.20	12.64	-131.81	-216.86	547.00	500.24	473.03	27.21	18.385		
3,300.00	3,155.30	3,004.86	2,976.73	18.82	13.00	-134.94	-192.90	544.89	553.14	525.37	27.78	19.915		
3,400.00	3,249.37	3,085.10	3,053.10	19.45	13.37	-137.54	-168.34	543.21	607.47	579.06	28.41	21.384		
3,500.00	3,343.44	3,168.69	3,132.74	20.07	13.76	-139.93	-143.10	540.52	662.29	633.16	29.13	22.733		
3,600.00	3,437.51	3,247.90	3,208.21	20.70	14.13	-141.75	-119.10	539.13	717.81	688.01	29.80	24.089		
3,700.00	3,531.58	3,342.74	3,298.82	21.33	14.59	-143.58	-91.10	537.95	773.11	742.32	30.79	25.107		
3,800.00	3,625.65	3,434.56	3,386.90	21.96	15.02	-145.00	-65.18	537.98	827.58	795.85	31.73	26.083		
3,900.00	3,719.72	3,532.43	3,481.15	22.59	15.49	-146.26	-38.85	538.95	881.08	848.31	32.77	26.886		
4,000.00	3,813.79	3,602.73	3,548.90	23.22	15.82	-147.13	-20.08	538.59	934.75	901.42	33.32	28.050		
4,100.00	3,907.86	3,700.41	3,643.01	23.85	16.29	-148.32	5.99	536.58	988.85	954.50	34.35	28.786		
4,200.00	4,001.93	3,768.19	3,708.45	24.48	16.62	-149.11	23.54	534.52	1,042.61	1,007.74	34.88	29.893		
4,300.00	4,096.00	3,830.70	3,768.43	25.11	16.93	-149.76	41.03	532.76	1,098.23	1,062.90	35.33	31.089		
4,400.00	4,190.07	3,897.26	3,831.98	25.75	17.25	-150.31	60.81	532.14	1,155.20	1,119.34	35.86	32.217		
4,500.00	4,284.14	3,964.27	3,895.64	26.38	17.59	-150.75	81.72	532.60	1,213.28	1,176.86	36.41	33.320		
4,600.00	4,378.21	4,047.99	3,974.93	27.01	18.01	-151.22	108.56	533.76	1,272.04	1,234.77	37.27	34.133		
4,700.00	4,472.28	4,163.08	4,084.48	27.65	18.58	-151.79	143.78	535.66	1,329.64	1,291.00	38.64	34.414		
4,800.00	4,566.35	4,268.65	4,185.81	28.28	19.11	-152.35	173.39	536.25	1,385.22	1,345.41	39.82	34.791		
4,900.00	4,660.42	4,369.57	4,283.10	28.91	19.61	-152.88	200.19	535.98	1,439.76	1,398.86	40.90	35.200		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 226-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,431.16	4,342.49	29.55	19.91	-153.21	216.46	535.24	1,494.42	1,453.01	41.40	36.093		
5,100.00	4,848.56	4,503.64	4,412.14	30.18	20.27	-153.59	236.49	533.72	1,550.28	1,508.21	42.07	36.849		
5,200.00	4,942.63	4,585.42	4,490.79	30.82	20.68	-154.04	258.71	531.01	1,606.08	1,563.20	42.88	37.458		
5,300.00	5,036.70	4,647.45	4,550.30	31.45	21.00	-154.35	276.13	529.09	1,662.64	1,619.25	43.40	38.314		
5,400.00	5,130.77	4,751.87	4,650.44	32.09	21.52	-154.83	305.53	526.00	1,719.34	1,674.80	44.54	38.600		
5,500.00	5,224.84	4,804.05	4,700.47	32.72	21.79	-155.06	320.30	524.41	1,776.16	1,731.23	44.93	39.533		
5,600.00	5,318.91	4,882.97	4,775.78	33.36	22.19	-155.36	343.81	522.57	1,834.13	1,788.41	45.71	40.123		
5,700.00	5,412.98	4,988.47	4,876.77	33.99	22.73	-155.66	374.29	522.11	1,890.93	1,844.04	46.89	40.330		
5,800.00	5,507.06	5,074.87	4,959.65	34.63	23.17	-155.93	398.70	520.90	1,947.49	1,899.72	47.78	40.762		
5,900.00	5,601.13	5,165.86	5,047.03	35.26	23.63	-156.21	424.00	519.27	2,003.80	1,955.07	48.73	41.120		
6,000.00	5,695.20	5,256.91	5,134.61	35.90	24.10	-156.48	448.84	517.44	2,059.74	2,010.06	49.68	41.459		
6,100.00	5,789.27	5,342.24	5,224.52	36.54	24.88	-156.87	489.47	516.11	2,114.87	2,063.39	51.47	41.087		
6,200.00	5,883.34	5,436.82	5,327.66	37.17	25.10	-156.99	500.65	515.44	2,168.77	2,116.96	51.81	41.859		
6,300.00	5,977.41	5,531.29	5,382.15	37.81	25.39	-157.15	515.40	514.04	2,223.89	2,171.59	52.30	42.522		
6,400.00	6,071.48	5,584.40	5,450.65	38.44	25.75	-157.35	534.39	511.90	2,279.67	2,226.69	52.98	43.027		
6,500.00	6,165.55	5,660.66	5,524.04	39.08	26.14	-157.56	554.93	509.16	2,335.80	2,282.07	53.74	43.469		
6,600.00	6,259.62	5,761.18	5,620.83	39.72	26.65	-157.84	581.73	505.08	2,391.87	2,337.06	54.81	43.642		
6,677.33	6,332.36	5,807.26	5,665.24	40.21	26.88	-157.96	593.93	503.37	2,435.06	2,379.84	55.22	44.096		
6,700.00	6,353.76	5,818.71	5,676.25	40.35	26.94	-164.29	597.04	502.96	2,447.78	2,392.46	55.32	44.252		
6,750.00	6,401.37	5,844.07	5,700.61	40.64	27.07	179.93	604.07	502.08	2,475.44	2,419.93	55.51	44.593		
6,800.00	6,449.30	5,870.07	5,725.51	40.89	27.20	162.33	611.46	501.22	2,502.44	2,446.74	55.70	44.923		
6,850.00	6,497.25	5,905.69	5,759.60	41.11	27.39	144.79	621.74	500.09	2,528.56	2,472.54	56.02	45.136		
6,900.00	6,544.95	5,941.08	5,793.43	41.29	27.57	129.26	632.07	499.01	2,553.57	2,497.24	56.33	45.333		
6,950.00	6,592.08	5,980.55	5,831.13	41.45	27.78	116.68	643.68	497.88	2,577.37	2,520.68	56.69	45.461		
7,000.00	6,638.35	6,026.04	5,874.61	41.58	28.02	106.93	657.04	496.68	2,599.73	2,542.58	57.15	45.491		
7,050.00	6,683.50	6,107.56	5,952.63	41.70	28.44	99.89	680.59	495.04	2,620.47	2,562.38	58.09	45.113		
7,100.00	6,727.22	6,179.79	6,022.11	41.81	28.81	94.53	700.33	494.47	2,638.82	2,579.91	58.91	44.794		
7,150.00	6,769.26	6,221.86	6,062.65	41.92	29.03	90.07	711.54	493.83	2,655.57	2,596.21	59.36	44.733		
7,200.00	6,809.36	6,242.00	6,082.07	42.03	29.13	86.26	716.85	493.39	2,670.83	2,611.26	59.57	44.834		
7,250.00	6,847.27	6,270.57	6,109.60	42.15	29.28	83.33	724.48	492.67	2,684.70	2,624.77	59.92	44.802		
7,300.00	6,882.75	6,287.99	6,126.35	42.27	29.37	80.80	729.25	492.21	2,697.29	2,637.11	60.18	44.820		
7,350.00	6,915.58	6,304.14	6,141.84	42.41	29.45	78.74	733.75	491.76	2,708.55	2,648.07	60.47	44.788		
7,400.00	6,945.57	6,335.00	6,171.41	42.57	29.61	77.34	742.57	490.86	2,718.56	2,657.53	61.02	44.549		
7,450.00	6,972.53	6,335.00	6,171.41	42.75	29.61	75.73	742.57	490.86	2,727.05	2,665.81	61.24	44.530		
7,500.00	6,996.30	6,349.40	6,185.18	42.95	29.68	74.68	746.76	490.42	2,734.26	2,672.54	61.72	44.300		
7,550.00	7,016.72	6,365.70	6,200.76	43.17	29.77	73.94	751.51	489.91	2,740.10	2,677.79	62.31	43.977		
7,600.00	7,033.66	6,379.51	6,213.96	43.43	29.84	73.39	755.55	489.47	2,744.57	2,681.63	62.94	43.605		
7,650.00	7,047.04	6,390.76	6,224.71	43.72	29.90	73.02	758.84	489.11	2,747.71	2,684.09	63.62	43.187		
7,700.00	7,056.76	6,399.36	6,232.93	44.05	29.95	72.80	761.37	488.82	2,749.54	2,685.19	64.35	42.729		
7,750.00	7,062.76	6,405.26	6,238.56	44.41	29.98	72.73	763.11	488.63	2,750.07	2,684.97	65.11	42.239		
7,799.36	7,065.00	6,408.39	6,241.55	44.81	29.99	72.79	764.03	488.52	2,749.35	2,683.47	65.88	41.730		
7,873.99	7,065.62	6,411.07	6,244.11	45.48	30.01	72.85	764.82	488.43	2,748.34	2,681.20	67.14	40.935		
7,900.00	7,065.83	6,412.01	6,245.01	45.73	30.01	72.87	765.10	488.40	2,748.46	2,680.89	67.58	40.672		
8,000.00	7,066.66	6,415.64	6,248.47	46.83	30.03	72.94	766.17	488.28	2,751.22	2,681.82	69.40	39.641		
8,100.00	7,067.49	6,419.30	6,251.97	48.11	30.05	73.02	767.25	488.15	2,757.60	2,686.26	71.34	38.653		
8,200.00	7,068.31	6,422.99	6,255.49	49.55	30.07	73.10	768.34	488.03	2,767.58	2,694.21	73.36	37.724		
8,300.00	7,069.14	6,426.70	6,259.04	51.14	30.09	73.17	769.43	487.90	2,781.11	2,705.67	75.44	36.865		
8,400.00	7,069.96	6,432.32	6,264.40	52.86	30.12	73.29	771.09	487.71	2,798.15	2,720.57	77.57	36.071		
8,500.00	7,070.79	6,438.25	6,270.06	54.70	30.15	73.41	772.84	487.53	2,818.62	2,738.90	79.72	35.358		
8,600.00	7,071.61	6,443.48	6,275.06	56.64	30.18	73.52	774.37	487.37	2,842.46	2,760.62	81.84	34.733		
8,700.00	7,072.44	6,448.12	6,279.50	58.68	30.20	73.62	775.73	487.25	2,869.58	2,785.65	83.93	34.192		
8,800.00	7,073.27	6,452.27	6,283.47	60.78	30.22	73.71	776.94	487.15	2,899.89	2,813.92	85.97	33.732		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 226-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,074.09	6,456.01	6,287.04	62.96	30.24	73.78	778.02	487.06	2,933.30	2,845.35	87.95	33.351		
9,000.00	7,074.92	6,459.38	6,290.27	65.19	30.26	73.85	779.00	486.99	2,969.69	2,879.82	89.87	33.043		
9,100.00	7,075.74	6,462.45	6,293.20	67.48	30.27	73.92	779.89	486.93	3,008.97	2,917.25	91.72	32.804		
9,200.00	7,076.57	6,465.25	6,295.88	69.82	30.29	73.98	780.69	486.88	3,051.02	2,957.52	93.50	32.631		
9,300.00	7,077.40	6,467.81	6,298.34	72.19	30.30	74.03	781.43	486.83	3,095.72	3,000.52	95.20	32.518		
9,400.00	7,078.22	6,470.17	6,300.60	74.61	30.31	74.08	782.11	486.79	3,142.97	3,046.15	96.82	32.461		
9,500.00	7,079.05	6,472.35	6,302.68	77.05	30.33	74.12	782.74	486.76	3,192.65	3,094.29	98.36	32.458		
9,600.00	7,079.87	6,474.36	6,304.61	79.53	30.34	74.17	783.31	486.73	3,244.66	3,144.83	99.83	32.503		
9,700.00	7,080.70	6,476.23	6,306.40	82.03	30.35	74.20	783.85	486.70	3,298.87	3,197.66	101.21	32.593		
9,800.00	7,081.53	6,477.97	6,308.07	84.55	30.36	74.24	784.35	486.68	3,355.19	3,252.67	102.52	32.726		
9,900.00	7,082.35	6,479.59	6,309.62	87.10	30.36	74.27	784.81	486.66	3,413.51	3,309.75	103.76	32.898		
10,000.00	7,083.18	6,481.11	6,311.08	89.67	30.37	74.31	785.24	486.64	3,473.72	3,368.80	104.93	33.106		
10,100.00	7,084.00	6,482.53	6,312.44	92.25	30.38	74.34	785.65	486.63	3,535.74	3,429.72	106.03	33.348		
10,200.00	7,084.83	6,483.87	6,313.72	94.86	30.39	74.36	786.03	486.61	3,599.47	3,492.41	107.06	33.622		
10,300.00	7,085.65	6,485.13	6,314.93	97.47	30.39	74.39	786.39	486.60	3,664.82	3,556.79	108.03	33.924		
10,400.00	7,086.48	6,486.31	6,316.07	100.10	30.40	74.41	786.72	486.59	3,731.70	3,622.76	108.94	34.254		
10,500.00	7,087.31	6,487.43	6,317.14	102.75	30.40	74.44	787.04	486.58	3,800.04	3,690.24	109.80	34.609		
10,600.00	7,088.13	6,488.49	6,318.15	105.40	30.41	74.46	787.34	486.57	3,869.76	3,759.15	110.60	34.988		
10,700.00	7,088.96	6,489.49	6,319.12	108.07	30.41	74.48	787.63	486.56	3,940.78	3,829.42	111.36	35.388		
10,800.00	7,089.78	6,490.44	6,320.03	110.75	30.42	74.50	787.90	486.56	4,013.03	3,900.96	112.07	35.809		
10,900.00	7,090.61	6,491.35	6,320.89	113.43	30.42	74.52	788.15	486.55	4,086.45	3,973.72	112.73	36.250		
11,000.00	7,091.44	6,492.21	6,321.72	116.13	30.43	74.54	788.39	486.54	4,160.98	4,047.63	113.35	36.708		
11,100.00	7,092.26	6,493.03	6,322.50	118.83	30.43	74.55	788.63	486.54	4,236.56	4,122.62	113.94	37.183		
11,200.00	7,093.09	6,493.81	6,323.25	121.54	30.44	74.57	788.85	486.53	4,313.14	4,198.65	114.49	37.673		
11,300.00	7,093.91	6,494.55	6,323.97	124.25	30.44	74.59	789.06	486.53	4,390.65	4,275.65	115.00	38.179		
11,400.00	7,094.74	6,495.26	6,324.65	126.98	30.44	74.60	789.26	486.53	4,469.06	4,353.57	115.49	38.698		
11,500.00	7,095.57	6,495.94	6,325.30	129.70	30.45	74.62	789.45	486.52	4,548.32	4,432.38	115.94	39.230		
11,600.00	7,096.39	6,496.59	6,325.92	132.44	30.45	74.63	789.63	486.52	4,628.38	4,512.01	116.37	39.774		
11,700.00	7,097.22	6,497.22	6,326.52	135.18	30.46	74.64	789.81	486.52	4,709.20	4,592.43	116.77	40.329		
11,800.00	7,098.04	6,497.81	6,327.10	137.92	30.46	74.65	789.98	486.51	4,790.74	4,673.60	117.15	40.895		
11,900.00	7,098.87	6,498.39	6,327.65	140.67	30.46	74.67	790.14	486.51	4,872.97	4,755.47	117.50	41.472		
12,000.00	7,099.69	6,498.94	6,328.18	143.43	30.46	74.68	790.30	486.51	4,955.86	4,838.02	117.83	42.058		
12,100.00	7,100.52	6,499.52	6,328.71	146.19	30.46	74.69	790.45	486.51	5,039.38	4,922.38	118.14	42.654		
12,200.00	7,101.35	6,500.00	6,329.20	148.95	30.46	74.70	790.60	486.51	5,123.46	5,007.65	118.44	43.261		
12,300.00	7,102.17	6,500.50	6,329.65	151.71	30.46	74.71	790.75	486.51	5,208.11	5,092.99	118.73	43.878		
12,400.00	7,103.00	6,501.00	6,330.00	154.48	30.46	74.72	790.90	486.51	5,293.29	5,179.38	119.01	44.505		
12,500.00	7,103.82	6,501.50	6,330.35	157.26	30.46	74.73	791.05	486.51	5,378.98	5,265.80	119.29	45.142		
12,600.00	7,104.65	6,502.00	6,330.70	160.03	30.46	74.74	791.20	486.51	5,465.16	5,352.22	119.56	45.789		
12,700.00	7,105.48	6,502.50	6,331.05	162.81	30.46	74.75	791.35	486.51	5,551.80	5,438.64	119.83	46.446		
12,800.00	7,106.30	6,503.00	6,331.40	165.59	30.46	74.76	791.50	486.51	5,638.88	5,525.06	120.10	47.103		
12,900.00	7,107.13	6,503.50	6,331.75	168.38	30.46	74.77	791.65	486.51	5,726.39	5,611.48	120.37	47.760		
13,000.00	7,107.95	6,504.00	6,332.10	171.16	30.46	74.78	791.80	486.51	5,814.29	5,697.90	120.64	48.417		
13,100.00	7,108.78	6,504.50	6,332.45	173.95	30.46	74.79	791.95	486.51	5,902.58	5,784.32	120.91	49.074		
13,200.00	7,109.61	6,505.00	6,332.80	176.74	30.46	74.80	792.10	486.51	5,991.24	5,870.74	121.18	49.731		
13,300.00	7,110.43	6,505.50	6,333.15	179.54	30.46	74.81	792.25	486.51	6,080.25	5,957.16	121.45	50.388		
13,368.87	7,111.00	6,506.00	6,333.50	181.46	30.46	74.82	792.40	486.51	6,141.73	6,019.15	121.72	50.700		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 229-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	127.69	-392.71	508.37	642.49					
100.00	100.00	95.22	95.21	3.28	3.29	127.63	-391.90	508.42	641.96	635.39	6.57	97.684		
200.00	200.00	202.14	202.09	3.34	3.31	127.41	-389.03	508.59	640.45	633.80	6.65	96.321		
300.00	299.98	297.98	297.86	3.44	3.38	-17.27	-385.47	508.95	636.85	630.03	6.82	93.388		
400.00	399.84	388.27	388.13	3.59	3.49	-17.59	-383.78	509.46	631.18	624.10	7.08	89.107		
500.00	499.45	478.12	477.98	3.79	3.64	-17.79	-384.79	509.72	623.77	616.34	7.43	83.944		
600.00	598.70	575.56	575.40	4.04	3.83	-18.13	-386.52	510.92	614.20	606.34	7.87	78.048		
700.00	697.47	669.47	669.26	4.32	4.06	-18.82	-386.31	513.71	601.62	593.24	8.38	71.834		
800.00	795.62	759.68	759.29	4.65	4.30	-19.91	-384.49	518.91	587.10	578.16	8.93	65.710		
900.00	893.06	848.58	847.77	5.01	4.57	-21.47	-380.94	526.79	571.05	561.51	9.55	59.826		
1,000.00	989.64	942.17	940.68	5.41	4.87	-23.52	-376.31	536.99	553.52	543.31	10.22	54.183		
1,100.00	1,085.27	1,040.50	1,038.42	5.85	5.19	-25.89	-372.37	547.05	533.48	522.54	10.94	48.752		
1,191.50	1,171.82	1,138.04	1,135.56	6.29	5.53	-28.45	-369.28	555.33	512.19	500.53	11.67	43.904		
1,200.00	1,179.82	1,147.31	1,144.80	6.34	5.57	-28.69	-368.98	555.98	510.02	498.29	11.74	43.447		
1,300.00	1,273.89	1,252.32	1,249.61	6.85	5.95	-31.41	-366.16	561.64	483.84	471.29	12.55	38.551		
1,400.00	1,367.96	1,365.03	1,362.28	7.38	6.36	-34.37	-364.08	563.34	455.49	442.09	13.39	34.009		
1,500.00	1,462.03	1,465.97	1,463.19	7.93	6.72	-37.07	-363.50	561.22	425.26	411.04	14.22	29.903		
1,600.00	1,556.10	1,558.28	1,555.45	8.49	7.05	-39.71	-364.08	558.17	395.17	380.10	15.07	26.229		
1,700.00	1,650.17	1,645.90	1,643.05	9.06	7.37	-42.64	-364.53	556.45	367.22	351.27	15.95	23.023		
1,800.00	1,744.24	1,737.90	1,735.05	9.65	7.72	-46.26	-364.59	555.76	341.55	324.67	16.88	20.236		
1,900.00	1,838.31	1,831.07	1,828.21	10.23	8.08	-50.59	-363.99	555.44	317.84	299.99	17.85	17.804		
2,000.00	1,932.38	1,926.54	1,923.65	10.83	8.46	-55.94	-361.86	555.02	296.17	277.29	18.87	15.692		
2,100.00	2,026.45	2,018.15	2,015.18	11.43	8.83	-62.15	-357.81	554.44	277.50	257.56	19.95	13.913		
2,200.00	2,120.52	2,109.10	2,105.92	12.03	9.19	-69.41	-351.66	553.91	263.52	242.47	21.05	12.521		
2,300.00	2,214.59	2,198.85	2,195.25	12.63	9.56	-77.59	-343.15	553.16	255.69	233.56	22.13	11.553		
2,348.18	2,259.91	2,240.15	2,236.29	12.93	9.73	-81.60	-338.51	552.78	254.62	232.00	22.62	11.256 CC, ES		
2,400.00	2,308.66	2,283.60	2,279.38	13.24	9.91	-85.92	-332.93	552.54	255.92	232.81	23.11	11.075 SF		
2,500.00	2,402.73	2,369.43	2,364.26	13.86	10.26	-94.45	-320.28	552.32	265.47	241.53	23.94	11.087		
2,600.00	2,496.80	2,454.23	2,447.93	14.47	10.61	-102.43	-306.43	552.06	283.29	258.65	24.63	11.500		
2,700.00	2,590.87	2,536.87	2,529.17	15.09	10.96	-109.55	-291.31	551.61	308.75	283.56	25.19	12.256		
2,800.00	2,684.95	2,612.66	2,603.31	15.71	11.27	-115.42	-275.60	550.91	341.25	315.68	25.57	13.348		
2,900.00	2,779.02	2,680.33	2,668.86	16.33	11.56	-119.96	-258.84	551.25	381.49	355.74	25.75	14.817		
3,000.00	2,873.09	2,745.07	2,730.82	16.95	11.84	-123.71	-240.11	552.28	428.44	402.57	25.87	16.561		
3,100.00	2,967.16	2,805.33	2,787.68	17.57	12.10	-126.74	-220.19	553.45	481.05	455.12	25.92	18.556		
3,200.00	3,061.23	2,861.00	2,839.33	18.20	12.36	-129.24	-199.46	554.18	538.65	512.74	25.91	20.788		
3,300.00	3,155.30	2,922.40	2,895.50	18.82	12.64	-131.66	-174.66	554.78	600.00	573.88	26.12	22.973		
3,400.00	3,249.37	2,996.62	2,962.82	19.45	12.99	-134.17	-143.43	555.23	663.62	636.91	26.71	24.847		
3,500.00	3,343.44	3,088.94	3,047.27	20.07	13.44	-136.89	-106.16	554.01	726.54	698.79	27.74	26.187		
3,600.00	3,437.51	3,172.84	3,124.71	20.70	13.85	-138.99	-73.93	552.38	788.43	759.85	28.58	27.589		
3,700.00	3,531.58	3,247.86	3,193.93	21.33	14.22	-140.62	-45.04	550.63	850.93	821.70	29.23	29.111		
3,800.00	3,625.65	3,358.75	3,297.18	21.96	14.77	-142.66	-4.69	548.21	912.02	881.41	30.61	29.790		
3,900.00	3,719.72	3,461.03	3,393.48	22.59	15.28	-144.25	29.70	546.13	971.20	939.42	31.79	30.555		
4,000.00	3,813.79	3,567.50	3,494.62	23.22	15.81	-145.59	62.96	545.38	1,028.50	995.49	33.01	31.160		
4,100.00	3,907.86	3,646.57	3,569.99	23.85	16.20	-146.30	86.71	547.70	1,084.66	1,050.90	33.76	32.128		
4,200.00	4,001.93	3,703.00	3,623.47	24.48	16.49	-146.71	104.56	550.03	1,142.23	1,108.09	34.14	33.456		
4,300.00	4,096.00	3,760.76	3,677.84	25.11	16.78	-147.11	123.94	552.16	1,201.53	1,166.98	34.55	34.772		
4,400.00	4,190.07	3,811.27	3,725.05	25.75	17.04	-147.48	141.85	553.31	1,262.63	1,227.78	34.84	36.236		
4,500.00	4,284.14	3,855.26	3,765.80	26.38	17.28	-147.80	158.41	553.67	1,325.72	1,290.70	35.03	37.850		
4,600.00	4,378.21	3,889.00	3,796.79	27.01	17.45	-148.05	171.76	553.53	1,390.84	1,355.81	35.02	39.712		
4,700.00	4,472.28	3,941.10	3,844.20	27.65	17.74	-148.45	193.36	552.61	1,457.61	1,422.24	35.37	41.211		
4,800.00	4,566.35	3,981.00	3,880.13	28.28	17.96	-148.76	210.64	551.35	1,526.04	1,490.54	35.50	42.987		
4,900.00	4,660.42	4,019.16	3,914.15	28.91	18.17	-149.05	227.85	549.75	1,596.05	1,560.44	35.61	44.819		

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

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

Offset Design													Falken 9-11 PAD - Fagerberg 6N-7C-M - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 229-MWD+IFR1													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
5,000.00	4,754.49	4,054.31	3,945.15	29.55	18.37	-149.32	244.32	547.99	1,667.62	1,631.94	35.68	46.741					
5,100.00	4,848.56	4,093.02	3,978.92	30.18	18.59	-149.61	263.13	545.77	1,740.61	1,704.78	35.83	48.584					
5,200.00	4,942.63	4,137.46	4,017.39	30.82	18.85	-149.92	285.21	543.10	1,814.57	1,778.48	36.10	50.268					
5,300.00	5,036.70	4,203.26	4,074.01	31.45	19.24	-150.35	318.50	539.12	1,889.28	1,852.50	36.78	51.364					
5,400.00	5,130.77	4,271.89	4,145.72	32.09	22.13	-153.02	351.75	518.02	1,950.31	1,905.71	44.60	43.728					
5,500.00	5,224.84	4,313.73	4,197.42	32.72	22.63	-153.41	385.35	515.82	2,007.45	1,961.85	45.60	44.019					
5,600.00	5,318.91	4,397.27	4,271.40	33.36	23.06	-153.75	419.41	513.67	2,064.44	2,017.98	46.46	44.437					
5,700.00	5,412.98	4,480.19	4,354.78	33.99	23.50	-154.05	453.30	511.84	2,121.42	2,074.11	47.31	44.846					
5,800.00	5,507.06	4,569.53	4,442.71	34.63	23.91	-154.31	487.26	510.57	2,178.42	2,130.31	48.11	45.280					
5,900.00	5,601.13	4,660.00	4,532.95	35.26	24.18	-154.45	521.11	510.43	2,235.79	2,187.25	48.54	46.057					
6,000.00	5,695.20	4,759.03	4,637.56	35.90	24.44	-154.56	555.30	510.73	2,294.32	2,245.36	48.96	46.860					
6,100.00	5,789.27	4,858.00	4,739.91	36.54	24.68	-154.64	589.41	511.28	2,354.54	2,305.21	49.32	47.738					
6,200.00	5,883.34	4,957.73	4,841.47	37.17	24.87	-154.69	623.31	511.79	2,416.05	2,366.53	49.53	48.782					
6,300.00	5,977.41	5,057.38	4,943.98	37.81	25.12	-154.76	657.91	512.45	2,478.68	2,428.78	49.90	49.675					
6,400.00	6,071.48	5,157.49	5,042.92	38.44	25.47	-154.84	692.90	513.33	2,542.15	2,491.65	50.50	50.344					
6,500.00	6,165.55	5,257.58	5,146.34	39.08	26.40	-155.06	727.35	515.60	2,604.98	2,552.41	52.57	49.557					
6,600.00	6,259.62	5,357.29	5,249.14	39.72	26.94	-155.20	761.98	516.68	2,665.85	2,612.18	53.66	49.676					
6,677.33	6,332.36	5,420.37	5,316.06	40.21	27.44	-155.31	796.30	518.56	2,711.95	2,657.23	54.72	49.565					
6,700.00	6,353.76	5,478.82	5,374.61	40.35	27.53	-161.76	830.67	518.87	2,725.38	2,670.50	54.88	49.658					
6,750.00	6,401.37	5,555.30	5,452.09	40.64	27.73	-177.77	865.58	519.43	2,754.59	2,699.34	55.25	49.860					
6,800.00	6,449.30	5,636.00	5,536.20	40.89	27.79	164.31	860.07	519.55	2,783.20	2,727.94	55.26	50.365					
6,850.00	6,497.25	5,720.88	5,619.09	41.11	27.98	146.48	871.67	519.89	2,811.02	2,755.44	55.58	50.572					
6,900.00	6,544.95	5,802.91	5,697.92	41.29	28.09	130.54	878.50	520.03	2,838.13	2,782.43	55.71	50.948					
6,950.00	6,592.08	5,884.50	5,786.29	41.45	28.20	117.46	885.31	520.13	2,864.33	2,808.50	55.82	51.311					
7,000.00	6,638.35	5,966.00	5,865.46	41.58	28.31	107.12	892.56	520.20	2,889.49	2,833.53	55.96	51.639					
7,050.00	6,683.50	6,047.23	5,946.24	41.70	28.52	99.19	905.83	520.21	2,913.39	2,857.06	56.33	51.722					
7,100.00	6,727.22	6,128.60	6,029.06	41.81	28.74	93.01	919.79	520.05	2,935.79	2,879.05	56.75	51.736					
7,150.00	6,769.26	6,209.58	6,112.04	41.92	28.92	88.01	930.73	519.81	2,956.66	2,899.59	57.07	51.804					
7,200.00	6,809.36	6,291.74	6,194.68	42.03	29.05	83.90	938.98	519.60	2,976.06	2,918.73	57.33	51.913					
7,250.00	6,847.27	6,373.57	6,276.06	42.15	29.17	80.53	946.82	519.39	2,993.97	2,936.36	57.60	51.976					
7,300.00	6,882.75	6,455.98	6,357.08	42.27	29.29	77.75	954.22	519.18	3,010.33	2,952.43	57.90	51.989					
7,350.00	6,915.58	6,538.97	6,439.62	42.41	29.41	75.49	961.88	518.95	3,025.13	2,966.87	58.27	51.919					
7,400.00	6,945.57	6,621.92	6,521.71	42.57	29.56	73.76	971.71	518.58	3,038.28	2,979.51	58.77	51.696					
7,450.00	6,972.53	6,704.57	6,604.66	42.75	29.70	72.37	980.68	518.17	3,049.75	2,990.43	59.32	51.416					
7,500.00	6,996.30	6,787.73	6,685.30	42.95	29.83	71.26	988.73	517.73	3,059.54	2,999.64	59.90	51.079					
7,550.00	7,016.72	6,870.05	6,766.64	43.17	30.08	70.83	1,004.67	516.73	3,067.65	3,006.80	60.85	50.410					
7,600.00	7,033.66	6,952.00	6,849.74	43.43	38.12	70.42	1,014.89	516.10	3,073.64	3,004.67	68.97	44.566					
7,650.00	7,047.04	7,034.00	6,931.74	43.72	38.40	69.94	1,019.19	515.83	3,078.34	3,008.49	69.85	44.071					
7,700.00	7,056.76	7,116.06	7,013.14	44.05	30.58	70.34	1,035.63	514.73	3,081.39	3,017.79	63.60	48.450					
7,750.00	7,062.76	7,198.28	7,095.99	44.41	30.62	70.19	1,037.73	514.56	3,082.87	3,018.52	64.34	47.913					
7,799.36	7,065.00	7,279.58	7,176.09	44.81	30.63	70.20	1,038.85	514.46	3,082.84	3,017.74	65.10	47.355					
7,846.68	7,065.39	7,361.38	7,257.19	45.23	30.64	70.23	1,039.46	514.40	3,082.48	3,016.61	65.88	46.792					
7,900.00	7,065.83	7,443.46	7,339.74	45.73	30.66	70.27	1,040.16	514.34	3,082.94	3,016.19	66.75	46.186					
8,000.00	7,066.66	7,525.54	7,421.58	46.83	30.68	70.34	1,041.54	514.21	3,086.29	3,017.75	68.54	45.030					
8,100.00	7,067.49	7,607.85	7,503.64	48.11	30.70	70.42	1,043.00	514.07	3,092.86	3,022.41	70.44	43.905					
8,200.00	7,068.31	7,689.43	7,585.94	49.55	30.73	70.51	1,044.55	513.91	3,102.63	3,030.19	72.44	42.828					
8,300.00	7,069.14	7,771.29	7,667.51	51.14	30.76	70.60	1,046.19	513.74	3,115.58	3,041.07	74.51	41.814					
8,400.00	7,069.96	7,853.47	7,749.38	52.86	30.78	70.70	1,047.94	513.55	3,131.66	3,055.04	76.62	40.872					
8,500.00	7,070.79	7,935.99	7,831.57	54.70	30.82	70.80	1,049.81	513.33	3,150.83	3,072.07	78.76	40.005					
8,600.00	7,071.61	8,018.89	7,914.12	56.64	30.85	70.91	1,051.80	513.10	3,173.03	3,092.12	80.91	39.218					
8,700.00	7,072.44	8,101.21	8,002.07	58.68	30.88	71.03	1,053.94	512.83	3,198.19	3,115.14	83.05	38.509					
8,800.00	7,073.27	8,183.00	8,084.45	60.78	30.92	71.15	1,056.24	512.54	3,226.25	3,141.07	85.17	37.878					

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 229-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,074.09	6,331.32	6,065.32	62.96	30.96	71.29	1,058.71	512.20	3,257.12	3,169.85	87.27	37.321		
9,000.00	7,074.92	6,339.21	6,072.74	65.19	31.01	71.43	1,061.38	511.83	3,290.73	3,201.40	89.33	36.836		
9,100.00	7,075.74	6,347.77	6,080.78	67.48	31.05	71.59	1,064.27	511.40	3,327.00	3,235.64	91.36	36.418		
9,200.00	7,076.57	6,356.22	6,088.82	69.82	31.09	71.75	1,067.16	510.97	3,363.27	3,269.89	93.39	36.000		
9,300.00	7,077.40	6,364.67	6,096.86	72.19	31.13	71.91	1,070.05	510.54	3,399.54	3,304.14	95.40	35.582		
9,400.00	7,078.22	6,373.12	6,104.89	74.61	31.17	72.07	1,072.94	510.11	3,435.81	3,338.41	97.42	35.164		
9,500.00	7,079.05	6,381.57	6,112.93	77.05	31.21	72.23	1,075.83	509.68	3,472.08	3,372.68	99.44	34.746		
9,600.00	7,079.87	6,390.02	6,120.96	79.53	31.25	72.39	1,078.72	509.25	3,508.35	3,406.95	101.46	34.328		
9,700.00	7,080.70	6,398.47	6,128.99	82.03	31.29	72.55	1,081.61	508.82	3,544.62	3,441.22	103.48	33.910		
9,800.00	7,081.53	6,406.92	6,137.03	84.55	31.33	72.71	1,084.50	508.39	3,580.89	3,475.49	105.50	33.492		
9,900.00	7,082.35	6,415.37	6,145.06	87.10	31.37	72.87	1,087.39	507.96	3,617.16	3,509.76	107.52	33.074		
10,000.00	7,083.18	6,423.82	6,153.09	89.67	31.41	73.03	1,090.28	507.53	3,653.43	3,544.03	109.54	32.656		
10,100.00	7,084.00	6,432.27	6,161.13	92.25	31.45	73.19	1,093.17	507.10	3,689.70	3,578.30	111.56	32.238		
10,200.00	7,084.83	6,440.72	6,169.16	94.86	31.49	73.35	1,096.06	506.67	3,725.97	3,612.57	113.58	31.820		
10,300.00	7,085.65	6,449.17	6,177.20	97.47	31.53	73.51	1,098.95	506.24	3,762.24	3,646.84	115.60	31.402		
10,400.00	7,086.48	6,457.62	6,185.23	100.10	31.57	73.67	1,101.84	505.81	3,798.51	3,681.11	117.62	30.984		
10,500.00	7,087.31	6,466.07	6,193.27	102.75	31.61	73.83	1,104.73	505.38	3,834.78	3,715.38	119.64	30.566		
10,600.00	7,088.13	6,474.52	6,201.30	105.40	31.65	73.99	1,107.62	504.95	3,871.05	3,749.65	121.66	30.148		
10,700.00	7,088.96	6,482.97	6,209.34	108.07	31.69	74.15	1,110.51	504.52	3,907.32	3,783.92	123.68	29.730		
10,800.00	7,089.78	6,491.42	6,217.37	110.75	31.73	74.31	1,113.40	504.09	3,943.59	3,818.19	125.70	29.312		
10,900.00	7,090.61	6,500.00	6,225.41	113.43	31.77	74.47	1,116.29	503.66	3,979.86	3,852.46	127.72	28.894		
11,000.00	7,091.44	6,508.45	6,233.44	116.13	31.81	74.63	1,119.18	503.23	4,016.13	3,886.73	129.74	28.476		
11,100.00	7,092.26	6,516.90	6,241.48	118.83	31.85	74.79	1,122.07	502.80	4,052.40	3,921.00	131.76	28.058		
11,200.00	7,093.09	6,525.35	6,249.51	121.54	31.89	74.95	1,124.96	502.37	4,088.67	3,955.27	133.78	27.640		
11,300.00	7,093.91	6,533.80	6,257.55	124.25	31.93	75.11	1,127.85	501.94	4,124.94	3,989.54	135.80	27.222		
11,400.00	7,094.74	6,542.25	6,265.58	126.98	31.97	75.27	1,130.74	501.51	4,161.21	4,023.81	137.82	26.804		
11,500.00	7,095.57	6,550.70	6,273.62	129.70	32.01	75.43	1,133.63	501.08	4,197.48	4,058.08	139.84	26.386		
11,600.00	7,096.39	6,559.15	6,281.65	132.44	32.05	75.59	1,136.52	500.65	4,233.75	4,092.35	141.86	25.968		
11,700.00	7,097.22	6,567.60	6,289.69	135.18	32.09	75.75	1,139.41	500.22	4,269.99	4,126.62	143.88	25.550		
11,800.00	7,098.04	6,576.05	6,297.72	137.92	32.13	75.91	1,142.30	499.79	4,306.26	4,160.89	145.90	25.132		
11,900.00	7,098.87	6,584.50	6,305.76	140.67	32.17	76.07	1,145.19	499.36	4,342.53	4,195.16	147.92	24.714		
12,000.00	7,099.69	6,592.95	6,313.79	143.43	32.21	76.23	1,148.08	498.93	4,378.80	4,229.43	149.94	24.296		
12,100.00	7,100.52	6,601.40	6,321.83	146.19	32.25	76.39	1,150.97	498.50	4,415.07	4,263.70	151.96	23.878		
12,200.00	7,101.35	6,609.85	6,329.86	148.95	32.29	76.55	1,153.86	498.07	4,451.34	4,297.97	153.98	23.460		
12,300.00	7,102.17	6,618.30	6,337.90	151.71	32.33	76.71	1,156.75	497.64	4,487.61	4,332.24	156.00	23.042		
12,400.00	7,103.00	6,626.75	6,345.93	154.48	32.37	76.87	1,159.64	497.21	4,523.88	4,366.51	158.02	22.624		
12,500.00	7,103.82	6,635.20	6,353.97	157.26	32.41	77.03	1,162.53	496.78	4,560.15	4,400.78	160.04	22.206		
12,600.00	7,104.65	6,643.65	6,362.00	160.03	32.45	77.19	1,165.42	496.35	4,596.42	4,435.05	162.06	21.788		
12,700.00	7,105.48	6,652.10	6,370.04	162.81	32.49	77.35	1,168.31	495.92	4,632.69	4,469.32	164.08	21.370		
12,800.00	7,106.30	6,660.55	6,378.07	165.59	32.53	77.51	1,171.20	495.49	4,668.96	4,503.59	166.10	20.952		
12,900.00	7,107.13	6,669.00	6,386.11	168.38	32.57	77.67	1,174.09	495.06	4,705.23	4,537.86	168.12	20.534		
13,000.00	7,107.95	6,677.45	6,394.14	171.16	32.61	77.83	1,176.98	494.63	4,741.50	4,572.13	170.14	20.116		
13,100.00	7,108.78	6,685.90	6,402.18	173.95	32.65	77.99	1,179.87	494.20	4,777.77	4,606.40	172.16	19.698		
13,200.00	7,109.61	6,694.35	6,410.21	176.74	32.69	78.15	1,182.76	493.77	4,814.04	4,640.67	174.18	19.280		
13,300.00	7,110.43	6,702.80	6,418.25	179.54	32.73	78.31	1,185.65	493.34	4,850.31	4,674.94	176.20	18.862		
13,368.87	7,111.00	6,709.90	6,424.30	181.46	32.75	78.37	1,187.30	493.15	4,869.00	4,688.63	177.37	18.622		

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

Offset Design Falken 9-11 PAD - Falken 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	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	299.98	299.98	3.44	3.44	-144.76	60.11	0.56	61.53	54.65	6.89	8.936		
400.00	399.84	401.23	401.21	3.59	3.60	-146.14	59.08	2.02	64.80	57.61	7.19	9.007		
500.00	499.45	502.57	502.40	3.79	3.80	-146.62	56.00	6.42	68.87	61.28	7.60	9.065		
600.00	598.70	603.98	603.41	4.04	4.04	-146.32	50.87	13.75	73.72	65.63	8.09	9.115		
700.00	697.47	705.43	704.08	4.32	4.32	-145.39	43.68	24.02	79.34	70.68	8.65	9.169		
800.00	795.62	806.91	804.27	4.65	4.63	-143.99	34.45	37.20	85.76	76.48	9.29	9.236		
900.00	893.06	908.39	903.83	5.01	4.98	-142.24	23.20	53.28	93.04	83.06	9.98	9.323		
1,000.00	989.64	1,009.85	1,002.60	5.41	5.37	-140.25	9.93	72.23	101.22	90.48	10.74	9.427		
1,100.00	1,085.27	1,109.12	1,098.94	5.85	5.78	-139.12	-3.84	91.89	111.41	99.87	11.53	9.659		
1,191.50	1,171.82	1,199.88	1,187.00	6.29	6.17	-139.14	-16.43	109.87	123.03	110.72	12.31	9.998		
1,200.00	1,179.82	1,208.29	1,195.16	6.34	6.20	-139.20	-17.60	111.54	124.21	111.83	12.38	10.033		
1,300.00	1,273.89	1,307.31	1,291.24	6.85	6.65	-139.78	-31.34	131.16	138.12	124.86	13.25	10.420		
1,400.00	1,367.96	1,406.33	1,387.32	7.38	7.10	-140.26	-45.08	150.79	152.04	137.88	14.16	10.740		
1,500.00	1,462.03	1,505.35	1,483.40	7.93	7.57	-140.66	-58.82	170.41	165.97	150.89	15.08	11.005		
1,600.00	1,556.10	1,604.37	1,579.47	8.49	8.05	-140.99	-72.56	190.03	179.90	163.88	16.02	11.228		
1,700.00	1,650.17	1,703.39	1,675.55	9.06	8.53	-141.28	-86.30	209.65	193.84	176.86	16.98	11.416		
1,800.00	1,744.24	1,802.41	1,771.63	9.65	9.02	-141.53	-100.04	229.28	207.79	189.84	17.95	11.575		
1,900.00	1,838.31	1,901.43	1,867.71	10.23	9.52	-141.75	-113.78	248.90	221.73	202.80	18.93	11.712		
2,000.00	1,932.38	2,000.45	1,963.78	10.83	10.02	-141.94	-127.52	268.52	235.68	215.76	19.92	11.830		
2,100.00	2,026.45	2,100.53	2,059.86	11.43	10.53	-142.11	-141.26	288.15	249.64	228.71	20.93	11.930		
2,200.00	2,120.52	2,201.51	2,155.94	12.03	11.05	-142.26	-155.00	307.77	263.59	241.65	21.94	12.014		
2,300.00	2,214.59	2,302.50	2,252.02	12.63	11.57	-142.40	-168.74	327.39	277.55	254.59	22.96	12.087		
2,400.00	2,308.66	2,403.48	2,348.10	13.24	12.09	-142.52	-182.48	347.01	291.51	267.52	23.99	12.152		
2,500.00	2,402.73	2,504.46	2,444.17	13.86	12.62	-142.64	-196.22	366.64	305.47	280.45	25.02	12.209		
2,600.00	2,496.80	2,605.44	2,540.25	14.47	13.15	-142.74	-209.96	386.26	319.43	293.37	26.05	12.260		
2,700.00	2,590.87	2,693.58	2,636.33	15.09	13.61	-142.83	-223.70	405.88	333.39	306.36	27.03	12.335		
2,800.00	2,684.95	2,807.40	2,732.41	15.71	14.21	-142.92	-237.44	425.50	347.35	319.22	28.14	12.346		
2,900.00	2,779.02	2,908.38	2,828.49	16.33	14.74	-143.00	-251.18	445.13	361.31	332.13	29.18	12.382		
3,000.00	2,873.09	3,009.36	2,924.56	16.95	15.27	-143.07	-264.92	464.75	375.28	345.05	30.23	12.415		
3,100.00	2,967.16	3,089.66	3,020.64	17.57	15.70	-143.14	-278.66	484.37	389.24	358.07	31.17	12.487		
3,200.00	3,061.23	3,188.68	3,116.72	18.20	16.22	-143.21	-292.40	504.00	403.21	370.99	32.21	12.517		
3,300.00	3,155.30	3,287.70	3,212.80	18.82	16.75	-143.27	-306.14	523.62	417.17	383.91	33.26	12.544		
3,400.00	3,249.37	3,386.72	3,308.88	19.45	17.28	-143.32	-319.88	543.24	431.14	396.83	34.30	12.569		
3,500.00	3,343.44	3,485.73	3,404.95	20.07	17.81	-143.38	-333.62	562.86	445.10	409.75	35.35	12.592		
3,600.00	3,437.51	3,584.75	3,501.03	20.70	18.33	-143.42	-347.36	582.49	459.07	422.67	36.40	12.613		
3,700.00	3,531.58	3,683.77	3,597.11	21.33	18.86	-143.47	-361.10	602.11	473.04	435.59	37.45	12.632		
3,800.00	3,625.65	3,782.79	3,693.19	21.96	19.39	-143.51	-374.84	621.73	487.00	448.50	38.50	12.650		
3,900.00	3,719.72	3,881.81	3,789.26	22.59	19.92	-143.56	-388.58	641.35	500.97	461.42	39.55	12.667		
4,000.00	3,813.79	3,980.83	3,885.34	23.22	20.45	-143.59	-402.32	660.98	514.94	474.33	40.60	12.683		
4,100.00	3,907.86	4,079.85	3,981.42	23.85	20.99	-143.63	-416.06	680.60	528.90	487.25	41.66	12.697		
4,200.00	4,001.93	4,178.87	4,077.50	24.48	21.52	-143.67	-429.80	700.22	542.87	500.16	42.71	12.711		
4,300.00	4,096.00	4,277.89	4,173.58	25.11	22.05	-143.70	-443.54	719.84	556.84	513.07	43.77	12.723		
4,400.00	4,190.07	4,376.91	4,269.65	25.75	22.58	-143.73	-457.28	739.47	570.81	525.99	44.82	12.735		
4,500.00	4,284.14	4,475.93	4,365.73	26.38	23.12	-143.76	-471.02	759.09	584.78	538.90	45.88	12.746		
4,600.00	4,378.21	4,574.95	4,461.81	27.01	23.65	-143.79	-484.76	778.71	598.74	551.81	46.94	12.757		
4,700.00	4,472.28	4,673.97	4,557.89	27.65	24.18	-143.82	-498.50	798.34	612.71	564.72	47.99	12.767		
4,800.00	4,566.35	4,772.98	4,653.97	28.28	24.72	-143.84	-512.24	817.96	626.68	577.63	49.05	12.776		
4,900.00	4,660.42	4,872.00	4,750.04	28.91	25.25	-143.87	-525.98	837.58	640.65	590.54	50.11	12.785		
5,000.00	4,754.49	4,971.02	4,846.12	29.55	25.78	-143.89	-539.72	857.20	654.62	603.45	51.17	12.793		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	5,070.04	4,942.20	30.18	26.32	-143.91	-553.46	876.83	668.59	616.36	52.23	12.801		
5,200.00	4,942.63	5,169.06	5,038.28	30.82	26.85	-143.94	-567.20	896.45	682.56	629.26	53.29	12.808		
5,300.00	5,036.70	5,268.08	5,134.36	31.45	27.39	-143.96	-580.94	916.07	696.53	642.17	54.35	12.815		
5,400.00	5,130.77	5,367.10	5,230.43	32.09	27.92	-143.98	-594.68	935.69	710.49	655.08	55.41	12.822		
5,500.00	5,224.84	5,466.12	5,326.51	32.72	28.46	-144.00	-608.42	955.32	724.46	667.99	56.48	12.828		
5,600.00	5,318.91	5,565.14	5,422.59	33.36	28.99	-144.02	-622.16	974.94	738.43	680.90	57.54	12.834		
5,700.00	5,412.98	5,664.16	5,518.67	33.99	29.53	-144.03	-635.90	994.56	752.40	693.80	58.60	12.840		
5,800.00	5,507.06	5,763.18	5,614.74	34.63	30.07	-144.05	-649.64	1,014.19	766.37	706.71	59.66	12.845		
5,900.00	5,601.13	5,862.20	5,710.82	35.26	30.60	-144.07	-663.38	1,033.81	780.34	719.62	60.73	12.850		
6,000.00	5,695.20	5,961.21	5,806.90	35.90	31.14	-144.08	-677.12	1,053.43	794.31	732.52	61.79	12.855		
6,100.00	5,789.27	6,060.23	5,902.98	36.54	31.67	-144.10	-690.86	1,073.05	808.28	745.43	62.85	12.860		
6,200.00	5,883.34	6,159.25	5,999.06	37.17	32.21	-144.12	-704.60	1,092.68	822.25	758.33	63.92	12.864		
6,300.00	5,977.41	6,258.27	6,095.13	37.81	32.75	-144.13	-718.34	1,112.30	836.22	771.24	64.98	12.869		
6,400.00	6,071.48	6,357.29	6,191.21	38.44	33.28	-144.14	-732.08	1,131.92	850.19	784.15	66.05	12.873		
6,500.00	6,165.55	6,456.31	6,287.29	39.08	33.82	-144.16	-745.82	1,151.54	864.16	797.05	67.11	12.877		
6,600.00	6,259.62	6,555.33	6,383.37	39.72	34.36	-144.17	-759.56	1,171.17	878.13	809.96	68.18	12.880		
6,677.33	6,332.36	6,631.90	6,457.66	40.21	34.77	-144.18	-770.19	1,186.34	888.93	819.94	69.00	12.883		
6,700.00	6,353.76	6,654.34	6,479.44	40.35	34.89	-149.40	-773.30	1,190.79	892.11	822.87	69.24	12.884		
6,750.00	6,401.37	6,704.46	6,528.39	40.64	35.15	-162.82	-780.31	1,198.86	899.16	829.40	69.76	12.889		
6,800.00	6,449.30	6,754.73	6,577.97	40.89	35.38	-178.27	-787.43	1,203.02	906.23	836.00	70.23	12.903		
6,850.00	6,497.25	6,805.15	6,627.86	41.11	35.57	166.07	-794.61	1,203.21	913.27	842.61	70.66	12.925		
6,900.00	6,544.95	6,855.74	6,677.77	41.29	35.74	152.18	-801.82	1,199.39	920.24	849.19	71.05	12.952		
6,950.00	6,592.08	6,906.50	6,727.39	41.45	35.90	140.95	-809.00	1,191.55	927.09	855.66	71.43	12.978		
7,000.00	6,638.35	6,957.43	6,776.40	41.58	36.05	132.25	-816.11	1,179.70	933.79	861.97	71.82	13.002		
7,050.00	6,683.50	7,008.54	6,824.47	41.70	36.21	125.57	-823.11	1,163.86	940.28	868.07	72.21	13.021		
7,100.00	6,727.22	7,059.82	6,871.29	41.81	36.37	120.38	-829.94	1,144.11	946.54	873.92	72.62	13.034		
7,150.00	6,769.26	7,111.29	6,916.53	41.92	36.54	116.29	-836.57	1,120.52	952.52	879.46	73.05	13.038		
7,200.00	6,809.36	7,162.92	6,959.88	42.03	36.73	113.02	-842.94	1,093.22	958.18	884.66	73.52	13.033		
7,250.00	6,847.27	7,214.73	7,001.02	42.15	36.94	110.36	-849.01	1,062.36	963.49	889.46	74.03	13.016		
7,300.00	6,882.75	7,266.69	7,039.65	42.27	37.17	108.18	-854.74	1,028.11	968.41	893.83	74.58	12.985		
7,350.00	6,915.58	7,318.79	7,075.48	42.41	37.42	106.37	-860.08	990.68	972.92	897.73	75.19	12.940		
7,400.00	6,945.57	7,371.02	7,108.24	42.57	37.71	104.87	-864.99	950.31	976.98	901.13	75.86	12.880		
7,450.00	6,972.53	7,423.36	7,137.67	42.75	38.03	103.62	-869.43	907.28	980.57	903.98	76.59	12.802		
7,500.00	6,996.30	7,475.79	7,163.54	42.95	38.40	102.59	-873.37	861.86	983.67	906.26	77.41	12.708		
7,550.00	7,016.72	7,528.29	7,185.65	43.17	38.80	101.75	-876.78	814.39	986.26	907.96	78.30	12.596		
7,600.00	7,033.66	7,580.82	7,203.82	43.43	39.25	101.08	-879.63	765.20	988.31	909.04	79.27	12.467		
7,650.00	7,047.04	7,633.37	7,217.92	43.72	39.75	100.57	-881.90	714.64	989.83	909.50	80.32	12.323		
7,700.00	7,056.76	7,685.90	7,227.85	44.05	40.28	100.20	-883.58	663.10	990.79	909.35	81.44	12.166		
7,750.00	7,062.76	7,738.39	7,233.53	44.41	40.84	99.97	-884.65	610.94	991.19	908.57	82.62	11.997		
7,799.36	7,065.00	7,789.71	7,235.02	44.81	41.42	99.88	-885.11	559.66	991.04	907.21	83.84	11.821		
7,900.00	7,065.83	7,909.66	7,235.24	45.73	42.95	99.85	-885.62	459.03	990.23	903.43	86.79	11.409		
8,000.00	7,066.66	8,009.66	7,235.45	46.83	44.40	99.82	-886.13	359.03	989.41	899.66	89.76	11.023		
8,100.00	7,067.49	8,109.66	7,235.66	48.11	45.98	99.79	-886.63	259.04	988.60	895.63	92.97	10.633		
8,200.00	7,068.31	8,209.67	7,235.88	49.55	47.70	99.76	-887.14	159.04	987.79	891.38	96.41	10.246		
8,300.00	7,069.14	8,309.67	7,236.09	51.14	49.52	99.74	-887.65	59.05	986.98	886.94	100.04	9.865		
8,400.00	7,069.96	8,409.68	7,236.30	52.86	51.45	99.71	-888.16	-40.94	986.17	882.31	103.86	9.495		
8,500.00	7,070.79	8,509.68	7,236.52	54.70	53.46	99.68	-888.67	-140.94	985.36	877.52	107.84	9.137		
8,600.00	7,071.61	8,609.69	7,236.73	56.64	55.55	99.65	-889.17	-240.93	984.55	872.59	111.96	8.794		
8,700.00	7,072.44	8,709.69	7,236.94	58.68	57.71	99.62	-889.68	-340.93	983.74	867.53	116.21	8.465		
8,800.00	7,073.27	8,809.70	7,237.15	60.78	59.93	99.59	-890.19	-440.92	982.93	862.35	120.58	8.152		
8,900.00	7,074.09	8,909.70	7,237.37	62.96	62.20	99.57	-890.70	-540.91	982.12	857.07	125.05	7.854		
9,000.00	7,074.92	9,009.71	7,237.58	65.19	64.52	99.54	-891.21	-640.91	981.31	851.70	129.61	7.571		

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

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

Offset Design Falken 9-11 PAD - Falken 16C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Reference (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,100.00	7,075.74	9,109.71	7,237.79	67.48	66.89	99.51		-891.72	-740.90	980.50	846.25	134.25	7.303	
9,200.00	7,076.57	9,209.71	7,238.01	69.82	69.29	99.48		-892.22	-840.90	979.69	840.72	138.97	7.049	
9,300.00	7,077.40	9,309.72	7,238.22	72.19	71.72	99.45		-892.73	-940.89	978.88	835.12	143.76	6.809	
9,400.00	7,078.22	9,409.72	7,238.43	74.61	74.19	99.42		-893.24	-1,040.88	978.08	829.47	148.61	6.581	
9,500.00	7,079.05	9,509.73	7,238.65	77.05	76.68	99.40		-893.75	-1,140.88	977.27	823.75	153.52	6.366	
9,600.00	7,079.87	9,609.73	7,238.86	79.53	79.20	99.37		-894.26	-1,240.87	976.46	817.99	158.47	6.162	
9,700.00	7,080.70	9,709.74	7,239.07	82.03	81.75	99.34		-894.77	-1,340.87	975.65	812.18	163.47	5.968	
9,800.00	7,081.53	9,809.74	7,239.28	84.55	84.31	99.31		-895.27	-1,440.86	974.85	806.33	168.52	5.785	
9,900.00	7,082.35	9,909.75	7,239.50	87.10	86.89	99.28		-895.78	-1,540.85	974.04	800.44	173.60	5.611	
10,000.00	7,083.18	10,009.75	7,239.71	89.67	89.49	99.25		-896.29	-1,640.85	973.23	794.52	178.72	5.446	
10,100.00	7,084.00	10,090.25	7,239.92	92.25	91.59	99.22		-896.80	-1,740.84	972.43	789.06	183.36	5.303	
10,200.00	7,084.83	10,209.76	7,240.14	94.86	94.73	99.19		-897.31	-1,840.84	971.62	782.57	189.05	5.140	
10,300.00	7,085.65	10,309.76	7,240.35	97.47	97.37	99.17		-897.81	-1,940.83	970.81	776.56	194.25	4.998	
10,400.00	7,086.48	10,409.77	7,240.56	100.10	100.03	99.14		-898.32	-2,040.82	970.01	770.52	199.49	4.863	
10,500.00	7,087.31	10,509.77	7,240.78	102.75	102.69	99.11		-898.83	-2,140.82	969.20	764.46	204.74	4.734	
10,600.00	7,088.13	10,609.78	7,240.99	105.40	105.36	99.08		-899.34	-2,240.81	968.40	758.38	210.02	4.611	
10,700.00	7,088.96	10,709.78	7,241.20	108.07	108.05	99.05		-899.85	-2,340.81	967.59	752.27	215.32	4.494	
10,800.00	7,089.78	10,809.79	7,241.41	110.75	110.74	99.02		-900.36	-2,440.80	966.79	746.15	220.63	4.382	
10,900.00	7,090.61	10,890.21	7,241.63	113.43	112.91	98.99		-900.86	-2,540.79	965.98	740.54	225.44	4.285	
11,000.00	7,091.44	11,009.79	7,241.84	116.13	116.15	98.96		-901.37	-2,640.79	965.18	733.86	231.32	4.172	
11,100.00	7,092.26	11,109.80	7,242.05	118.83	118.87	98.93		-901.88	-2,740.78	964.37	727.69	236.69	4.074	
11,200.00	7,093.09	11,209.80	7,242.27	121.54	121.59	98.90		-902.39	-2,840.78	963.57	721.50	242.07	3.981	
11,300.00	7,093.91	11,309.81	7,242.48	124.25	124.32	98.87		-902.90	-2,940.77	962.77	715.31	247.46	3.891	
11,400.00	7,094.74	11,409.81	7,242.69	126.98	127.05	98.84		-903.41	-3,040.76	961.96	709.10	252.87	3.804	
11,500.00	7,095.57	11,509.82	7,242.91	129.70	129.79	98.81		-903.91	-3,140.76	961.16	702.87	258.29	3.721	
11,600.00	7,096.39	11,590.18	7,243.12	132.44	132.00	98.79		-904.42	-3,240.75	960.36	697.18	263.18	3.649	
11,700.00	7,097.22	11,709.83	7,243.33	135.18	135.29	98.76		-904.93	-3,340.75	959.56	690.40	269.16	3.565	
11,800.00	7,098.04	11,809.83	7,243.54	137.92	138.04	98.73		-905.44	-3,440.74	958.75	684.15	274.61	3.491	
11,900.00	7,098.87	11,909.83	7,243.76	140.67	140.80	98.70		-905.95	-3,540.73	957.95	677.88	280.07	3.420	
12,000.00	7,099.69	12,009.84	7,243.97	143.43	143.56	98.67		-906.45	-3,640.73	957.15	671.61	285.54	3.352	
12,100.00	7,100.52	12,109.84	7,244.18	146.19	146.33	98.64		-906.96	-3,740.72	956.35	665.33	291.01	3.286	
12,200.00	7,101.35	12,190.15	7,244.40	148.95	148.55	98.61		-907.47	-3,840.72	955.55	659.59	295.96	3.229	
12,300.00	7,102.17	12,309.85	7,244.61	151.71	151.87	98.58		-907.98	-3,940.71	954.75	652.75	301.99	3.161	
12,400.00	7,103.00	12,409.86	7,244.82	154.48	154.65	98.55		-908.49	-4,040.70	953.94	646.45	307.50	3.102	
12,500.00	7,103.82	12,509.86	7,245.04	157.26	157.42	98.52		-909.00	-4,140.70	953.14	640.14	313.00	3.045	
12,600.00	7,104.65	12,609.87	7,245.25	160.03	160.21	98.49		-909.50	-4,240.69	952.34	633.83	318.52	2.990	
12,700.00	7,105.48	12,709.87	7,245.46	162.81	162.99	98.46		-910.01	-4,340.69	951.54	627.51	324.04	2.937	
12,800.00	7,106.30	12,790.13	7,245.67	165.59	165.23	98.43		-910.52	-4,440.68	950.74	621.72	329.02	2.890	
12,900.00	7,107.13	12,909.88	7,245.89	168.38	168.57	98.40		-911.03	-4,540.67	949.95	614.85	335.10	2.835	
13,000.00	7,107.95	13,009.88	7,246.10	171.16	171.36	98.37		-911.54	-4,640.67	949.15	608.51	340.64	2.786	
13,100.00	7,108.78	13,109.89	7,246.31	173.95	174.15	98.34		-912.05	-4,740.66	948.35	602.17	346.18	2.739	
13,200.00	7,109.61	13,209.89	7,246.53	176.74	176.95	98.31		-912.55	-4,840.66	947.55	595.82	351.73	2.694	
13,300.00	7,110.43	13,309.90	7,246.74	179.54	179.74	98.27		-913.06	-4,940.65	946.75	589.47	357.28	2.650	
13,368.87	7,111.00	13,358.97	7,246.89	181.46	181.12	98.25		-913.41	-5,009.51	946.20	585.64	360.56	2.624 SF	

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

Offset Design Falken 9-11 PAD - Falken 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		
0.00	0.00	0.00	0.00	3.28	3.28	0.71	45.17	0.56	45.18					
100.00	100.00	100.00	100.00	3.28	3.28	0.71	45.17	0.56	45.18	38.61	6.57	6.877		
200.00	200.00	200.00	200.00	3.34	3.34	0.71	45.17	0.56	45.18	38.50	6.67	6.769 CC, ES		
300.00	299.98	301.07	301.05	3.44	3.44	-143.30	43.96	1.86	45.40	38.51	6.89	6.592		
400.00	399.84	402.13	401.97	3.59	3.60	-142.28	40.31	5.77	46.06	38.86	7.20	6.395		
500.00	499.45	503.18	502.61	3.79	3.80	-140.64	34.24	12.28	47.21	39.59	7.62	6.198		
600.00	598.70	604.20	602.86	4.04	4.05	-138.48	25.76	21.38	48.86	40.75	8.12	6.021		
700.00	697.47	705.18	702.57	4.32	4.34	-135.92	14.87	33.05	51.08	42.39	8.69	5.879		
800.00	795.62	806.13	801.62	4.65	4.67	-133.08	1.61	47.28	53.91	44.57	9.33	5.775		
900.00	893.06	907.02	899.87	5.01	5.04	-130.10	-14.03	64.04	57.39	47.34	10.05	5.712		
1,000.00	989.64	1,007.72	997.07	5.41	5.45	-127.13	-31.94	83.26	61.57	50.74	10.83	5.685		
1,100.00	1,085.27	1,107.53	1,093.09	5.85	5.89	-125.98	-50.55	103.21	67.38	55.71	11.67	5.773		
1,191.50	1,171.82	1,201.26	1,180.82	6.29	6.32	-126.97	-67.55	121.44	74.52	62.02	12.49	5.964		
1,200.00	1,179.82	1,207.21	1,188.96	6.34	6.35	-127.14	-69.13	123.13	75.26	62.70	12.56	5.992		
1,300.00	1,273.89	1,306.78	1,284.75	6.85	6.83	-128.96	-87.69	143.03	84.08	70.60	13.48	6.238		
1,400.00	1,367.96	1,406.36	1,380.54	7.38	7.31	-130.44	-106.25	162.93	92.96	78.54	14.42	6.447		
1,500.00	1,462.03	1,505.94	1,476.33	7.93	7.82	-131.65	-124.81	182.84	101.90	86.52	15.38	6.626		
1,600.00	1,556.10	1,605.52	1,572.12	8.49	8.33	-132.67	-143.36	202.74	110.87	94.51	16.36	6.778		
1,700.00	1,650.17	1,705.10	1,667.90	9.06	8.84	-133.54	-161.92	222.64	119.87	102.53	17.35	6.910		
1,800.00	1,744.24	1,804.68	1,763.69	9.65	9.37	-134.29	-180.48	242.54	128.90	110.55	18.35	7.025		
1,900.00	1,838.31	1,904.26	1,859.48	10.23	9.89	-134.93	-199.04	262.45	137.95	118.59	19.36	7.125		
2,000.00	1,932.38	2,003.84	1,955.27	10.83	10.43	-135.50	-217.60	282.35	147.01	126.63	20.38	7.213		
2,100.00	2,026.45	2,103.41	2,051.06	11.43	10.97	-136.00	-236.16	302.25	156.08	134.67	21.41	7.291		
2,200.00	2,120.52	2,202.99	2,146.84	12.03	11.51	-136.45	-254.72	322.16	165.16	142.72	22.44	7.360		
2,300.00	2,214.59	2,302.57	2,242.63	12.63	12.05	-136.85	-273.28	342.06	174.26	150.78	23.48	7.422		
2,400.00	2,308.66	2,402.15	2,338.42	13.24	12.60	-137.21	-291.84	361.96	183.36	158.83	24.52	7.477		
2,500.00	2,402.73	2,501.73	2,434.21	13.86	13.14	-137.54	-310.40	381.86	192.46	166.89	25.57	7.527		
2,600.00	2,496.80	2,601.31	2,530.00	14.47	13.69	-137.84	-328.96	401.77	201.58	174.96	26.62	7.572		
2,700.00	2,590.87	2,700.89	2,625.78	15.09	14.25	-138.11	-347.52	421.67	210.69	183.02	27.68	7.613		
2,800.00	2,684.95	2,800.47	2,721.57	15.71	14.80	-138.36	-366.08	441.57	219.82	191.08	28.73	7.650		
2,900.00	2,779.02	2,900.04	2,817.36	16.33	15.35	-138.59	-384.64	461.48	228.94	199.15	29.79	7.685		
3,000.00	2,873.09	3,000.38	2,913.15	16.95	15.91	-138.80	-403.20	481.38	238.07	207.21	30.86	7.715		
3,100.00	2,967.16	3,100.80	3,008.94	17.57	16.48	-138.99	-421.76	501.28	247.20	215.28	31.93	7.743		
3,200.00	3,061.23	3,201.22	3,104.72	18.20	17.04	-139.18	-440.32	521.18	256.34	223.34	33.00	7.769		
3,300.00	3,155.30	3,298.36	3,200.51	18.82	17.58	-139.35	-458.88	541.09	265.47	231.42	34.05	7.796		
3,400.00	3,249.37	3,402.06	3,296.30	19.45	18.17	-139.50	-477.44	560.99	274.61	239.47	35.14	7.814		
3,500.00	3,343.44	3,502.48	3,392.09	20.07	18.73	-139.65	-496.00	580.89	283.75	247.54	36.22	7.835		
3,600.00	3,437.51	3,602.90	3,487.88	20.70	19.30	-139.79	-514.56	600.80	292.90	255.60	37.29	7.854		
3,700.00	3,531.58	3,703.33	3,583.66	21.33	19.86	-139.92	-533.12	620.70	302.04	263.67	38.37	7.872		
3,800.00	3,625.65	3,803.75	3,679.45	21.96	20.43	-140.04	-551.68	640.60	311.19	271.74	39.45	7.888		
3,900.00	3,719.72	3,904.17	3,775.24	22.59	21.00	-140.16	-570.24	660.50	320.34	279.81	40.53	7.904		
4,000.00	3,813.79	3,995.41	3,871.03	23.22	21.51	-140.27	-588.80	680.41	329.48	287.92	41.56	7.928		
4,100.00	3,907.86	4,094.99	3,966.82	23.85	22.08	-140.37	-607.36	700.31	338.63	296.00	42.64	7.942		
4,200.00	4,001.93	4,194.57	4,062.60	24.48	22.64	-140.47	-625.92	720.21	347.78	304.07	43.71	7.956		
4,300.00	4,096.00	4,305.85	4,158.39	25.11	23.27	-140.56	-644.48	740.11	356.94	312.08	44.86	7.958		
4,400.00	4,190.07	4,406.27	4,254.18	25.75	23.84	-140.65	-663.04	760.02	366.09	320.15	45.94	7.969		
4,500.00	4,284.14	4,506.70	4,349.97	26.38	24.41	-140.73	-681.59	779.92	375.24	328.22	47.02	7.980		
4,600.00	4,378.21	4,607.12	4,445.76	27.01	24.98	-140.81	-700.15	799.82	384.40	336.29	48.11	7.990		
4,700.00	4,472.28	4,692.46	4,541.54	27.65	25.47	-140.89	-718.71	819.73	393.55	344.44	49.11	8.013		
4,800.00	4,566.35	4,807.96	4,637.33	28.28	26.12	-140.96	-737.27	839.63	402.71	352.43	50.28	8.009		
4,900.00	4,660.42	4,908.38	4,733.12	28.91	26.69	-141.03	-755.83	859.53	411.86	360.50	51.37	8.018		
5,000.00	4,754.49	4,991.20	4,828.91	29.55	27.16	-141.10	-774.39	879.43	421.02	368.66	52.36	8.041		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	5,109.22	4,924.70	30.18	27.84	-141.16	-792.95	899.34	430.18	376.64	53.54	8.035		
5,200.00	4,942.63	5,209.64	5,020.48	30.82	28.41	-141.22	-811.51	919.24	439.33	384.71	54.63	8.042		
5,300.00	5,036.70	5,289.93	5,116.27	31.45	28.86	-141.28	-830.07	939.14	448.49	392.88	55.61	8.065		
5,400.00	5,130.77	5,389.51	5,212.06	32.09	29.43	-141.34	-848.63	959.05	457.65	400.96	56.69	8.073		
5,500.00	5,224.84	5,489.09	5,307.85	32.72	30.00	-141.39	-867.19	978.95	466.81	409.03	57.78	8.080		
5,600.00	5,318.91	5,588.67	5,403.64	33.36	30.57	-141.44	-885.75	998.85	475.97	417.11	58.86	8.086		
5,700.00	5,412.98	5,688.25	5,499.42	33.99	31.13	-141.49	-904.31	1,018.75	485.13	425.18	59.94	8.093		
5,800.00	5,507.06	5,787.83	5,595.21	34.63	31.70	-141.54	-922.87	1,038.66	494.29	433.26	61.03	8.099		
5,900.00	5,601.13	5,887.41	5,691.00	35.26	32.27	-141.59	-941.43	1,058.56	503.45	441.33	62.12	8.105		
6,000.00	5,695.20	5,986.99	5,786.79	35.90	32.84	-141.63	-959.99	1,078.46	512.61	449.41	63.20	8.111		
6,100.00	5,789.27	6,086.56	5,882.58	36.54	33.41	-141.68	-978.55	1,098.37	521.77	457.48	64.29	8.116		
6,200.00	5,883.34	6,186.14	5,978.36	37.17	33.97	-141.72	-997.11	1,118.27	530.93	465.56	65.37	8.122		
6,300.00	5,977.41	6,285.72	6,074.15	37.81	34.54	-141.76	-1,015.67	1,138.17	540.09	473.63	66.46	8.127		
6,400.00	6,071.48	6,385.30	6,169.94	38.44	35.11	-141.80	-1,034.23	1,158.07	549.25	481.71	67.55	8.132		
6,500.00	6,165.55	6,484.88	6,265.73	39.08	35.68	-141.83	-1,052.79	1,177.98	558.42	489.78	68.63	8.136		
6,600.00	6,259.62	6,586.51	6,363.84	39.72	36.24	-142.08	-1,071.79	1,196.26	567.49	497.81	69.68	8.144		
6,677.33	6,332.36	6,665.18	6,440.91	40.21	36.60	-143.22	-1,086.65	1,200.90	574.21	503.95	70.26	8.173		
6,700.00	6,353.76	6,687.71	6,463.02	40.35	36.69	-148.82	-1,090.91	1,200.44	576.20	505.81	70.39	8.186		
6,750.00	6,401.37	6,736.82	6,511.09	40.64	36.86	-163.10	-1,100.14	1,196.67	580.77	510.12	70.65	8.221		
6,800.00	6,449.30	6,785.19	6,558.03	40.89	37.00	-179.40	-1,109.13	1,189.29	585.54	514.67	70.88	8.261		
6,850.00	6,497.25	6,832.86	6,603.63	41.11	37.14	164.12	-1,117.85	1,178.48	590.49	519.39	71.10	8.305		
6,900.00	6,544.95	6,879.89	6,647.71	41.29	37.27	149.44	-1,126.25	1,164.45	595.55	524.24	71.31	8.351		
6,950.00	6,592.08	6,926.31	6,690.11	41.45	37.40	137.45	-1,134.31	1,147.38	600.69	529.16	71.53	8.397		
7,000.00	6,638.35	6,972.17	6,730.69	41.58	37.53	128.03	-1,142.01	1,127.48	605.86	534.10	71.76	8.442		
7,050.00	6,683.50	7,017.52	6,769.34	41.70	37.66	120.67	-1,149.32	1,104.93	611.02	539.01	72.01	8.485		
7,100.00	6,727.22	7,062.40	6,805.94	41.81	37.81	114.84	-1,156.22	1,079.91	616.10	543.83	72.27	8.525		
7,150.00	6,769.26	7,106.84	6,840.40	41.92	37.96	110.16	-1,162.69	1,052.61	621.08	548.51	72.56	8.559		
7,200.00	6,809.36	7,150.89	6,872.62	42.03	38.13	106.33	-1,168.72	1,023.21	625.90	553.01	72.89	8.587		
7,250.00	6,847.27	7,194.58	6,902.54	42.15	38.31	103.16	-1,174.29	991.87	630.51	557.25	73.26	8.607		
7,300.00	6,882.75	7,237.95	6,930.08	42.27	38.51	100.51	-1,179.40	958.77	634.89	561.20	73.68	8.616		
7,350.00	6,915.58	7,281.03	6,955.19	42.41	38.74	98.28	-1,184.03	924.08	638.98	564.81	74.17	8.615		
7,400.00	6,945.57	7,323.86	6,977.82	42.57	38.98	96.40	-1,188.17	887.96	642.75	568.02	74.73	8.601		
7,450.00	6,972.53	7,366.46	6,997.91	42.75	39.25	94.82	-1,191.82	850.58	646.18	570.80	75.38	8.572		
7,500.00	6,996.30	7,408.87	7,015.43	42.95	39.54	93.50	-1,194.97	812.09	649.23	573.11	76.12	8.529		
7,550.00	7,016.72	7,451.12	7,030.34	43.17	39.86	92.42	-1,197.60	772.66	651.87	574.92	76.95	8.471		
7,600.00	7,033.66	7,493.23	7,042.61	43.43	40.21	91.55	-1,199.73	732.45	654.09	576.20	77.89	8.397		
7,650.00	7,047.04	7,535.23	7,052.23	43.72	40.58	90.89	-1,201.34	691.61	655.86	576.93	78.93	8.310		
7,700.00	7,056.76	7,577.14	7,059.18	44.05	40.98	90.41	-1,202.43	650.29	657.18	577.12	80.06	8.209		
7,750.00	7,062.76	7,619.00	7,063.43	44.41	41.40	90.12	-1,203.01	608.66	658.02	576.75	81.27	8.097		
7,799.36	7,065.00	7,663.80	7,064.99	44.81	41.88	90.00	-1,203.07	567.72	658.39	575.80	82.58	7.972		
7,900.00	7,065.83	7,760.62	7,065.34	45.73	43.03	89.96	-1,202.54	467.08	658.70	573.48	85.22	7.729		
8,000.00	7,066.66	7,860.62	7,065.68	46.83	44.38	89.92	-1,202.01	367.08	659.02	570.85	88.17	7.475		
8,100.00	7,067.49	7,960.62	7,066.02	48.11	45.88	89.87	-1,201.49	267.09	659.34	567.96	91.38	7.216		
8,200.00	7,068.31	8,060.62	7,066.37	49.55	47.52	89.83	-1,200.96	167.09	659.65	564.83	94.82	6.957		
8,300.00	7,069.14	8,160.62	7,066.71	51.14	49.29	89.79	-1,200.44	67.09	659.97	561.49	98.48	6.702		
8,400.00	7,069.96	8,260.61	7,067.06	52.86	51.16	89.75	-1,199.92	-32.90	660.29	557.97	102.32	6.453		
8,500.00	7,070.79	8,360.61	7,067.40	54.70	53.13	89.71	-1,199.39	-132.90	660.60	554.27	106.33	6.213		
8,600.00	7,071.61	8,460.61	7,067.74	56.64	55.18	89.67	-1,198.87	-232.90	660.92	550.43	110.50	5.981		
8,700.00	7,072.44	8,560.61	7,068.09	58.68	57.31	89.62	-1,198.34	-332.89	661.24	546.45	114.79	5.760		
8,800.00	7,073.27	8,660.61	7,068.43	60.78	59.50	89.58	-1,197.82	-432.89	661.56	542.35	119.21	5.550		
8,900.00	7,074.09	8,760.61	7,068.77	62.96	61.76	89.54	-1,197.29	-532.89	661.88	538.15	123.73	5.349		
9,000.00	7,074.92	8,860.60	7,069.12	65.19	64.06	89.50	-1,196.77	-632.88	662.20	533.85	128.35	5.159		

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

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

Offset Design Falken 9-11 PAD - Falken 16N-9B-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Reference (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,100.00	7,075.74	8,960.60	7,069.46	67.48	66.41	89.46	89.46	-1,196.24	-732.88	662.52	529.47	133.05	4.979	
9,200.00	7,076.57	9,060.60	7,069.81	69.82	68.80	89.42	89.42	-1,195.72	-832.88	662.84	525.01	137.83	4.809	
9,300.00	7,077.40	9,160.60	7,070.15	72.19	71.22	89.38	89.38	-1,195.20	-932.87	663.16	520.48	142.68	4.648	
9,400.00	7,078.22	9,260.60	7,070.49	74.61	73.68	89.33	89.33	-1,194.67	-1,032.87	663.48	515.89	147.59	4.496	
9,500.00	7,079.05	9,360.60	7,070.84	77.05	76.16	89.29	89.29	-1,194.15	-1,132.86	663.80	511.25	152.55	4.351	
9,600.00	7,079.87	9,460.59	7,071.18	79.53	78.68	89.25	89.25	-1,193.62	-1,232.86	664.12	506.55	157.57	4.215	
9,700.00	7,080.70	9,560.59	7,071.52	82.03	81.21	89.21	89.21	-1,193.10	-1,332.86	664.44	501.81	162.63	4.086	
9,800.00	7,081.53	9,660.59	7,071.87	84.55	83.77	89.17	89.17	-1,192.57	-1,432.85	664.77	497.03	167.74	3.963	
9,900.00	7,082.35	9,760.59	7,072.21	87.10	86.35	89.13	89.13	-1,192.05	-1,532.85	665.09	492.21	172.88	3.847	
10,000.00	7,083.18	9,860.59	7,072.56	89.67	88.94	89.09	89.09	-1,191.52	-1,632.85	665.41	487.36	178.05	3.737	
10,100.00	7,084.00	9,960.59	7,072.90	92.25	91.55	89.05	89.05	-1,191.00	-1,732.84	665.73	482.47	183.26	3.633	
10,200.00	7,084.83	10,060.58	7,073.24	94.86	94.18	89.00	89.00	-1,190.48	-1,832.84	666.06	477.56	188.50	3.533	
10,300.00	7,085.65	10,160.58	7,073.59	97.47	96.82	88.96	88.96	-1,189.95	-1,932.84	666.38	472.62	193.76	3.439	
10,400.00	7,086.48	10,260.58	7,073.93	100.10	99.47	88.92	88.92	-1,189.43	-2,032.83	666.70	467.65	199.05	3.349	
10,500.00	7,087.31	10,360.58	7,074.27	102.75	102.14	88.88	88.88	-1,188.90	-2,132.83	667.03	462.66	204.36	3.264	
10,600.00	7,088.13	10,460.58	7,074.62	105.40	104.81	88.84	88.84	-1,188.38	-2,232.82	667.35	457.66	209.70	3.182	
10,700.00	7,088.96	10,560.58	7,074.96	108.07	107.49	88.80	88.80	-1,187.85	-2,332.82	667.68	452.63	215.05	3.105	
10,800.00	7,089.78	10,660.57	7,075.30	110.75	110.19	88.76	88.76	-1,187.33	-2,432.82	668.00	447.59	220.42	3.031	
10,900.00	7,090.61	10,760.57	7,075.65	113.43	112.89	88.72	88.72	-1,186.80	-2,532.81	668.33	442.53	225.81	2.960	
11,000.00	7,091.44	10,860.57	7,075.99	116.13	115.60	88.68	88.68	-1,186.28	-2,632.81	668.66	437.45	231.21	2.892	
11,100.00	7,092.26	10,960.57	7,076.34	118.83	118.32	88.64	88.64	-1,185.75	-2,732.81	668.98	432.36	236.62	2.827	
11,200.00	7,093.09	11,060.57	7,076.68	121.54	121.04	88.60	88.60	-1,185.23	-2,832.80	669.31	427.26	242.05	2.765	
11,300.00	7,093.91	11,160.57	7,077.02	124.25	123.77	88.56	88.56	-1,184.71	-2,932.80	669.64	422.14	247.49	2.706	
11,400.00	7,094.74	11,260.56	7,077.37	126.98	126.50	88.52	88.52	-1,184.18	-3,032.80	669.97	417.02	252.95	2.649	
11,500.00	7,095.57	11,360.56	7,077.71	129.70	129.25	88.48	88.48	-1,183.66	-3,132.79	670.29	411.88	258.41	2.594	
11,600.00	7,096.39	11,460.56	7,078.05	132.44	131.99	88.43	88.43	-1,183.13	-3,232.79	670.62	406.73	263.89	2.541	
11,700.00	7,097.22	11,560.56	7,078.40	135.18	134.74	88.39	88.39	-1,182.61	-3,332.78	670.95	401.58	269.37	2.491	
11,800.00	7,098.04	11,660.56	7,078.74	137.92	137.50	88.35	88.35	-1,182.08	-3,432.78	671.28	396.41	274.86	2.442	
11,900.00	7,098.87	11,760.56	7,079.09	140.67	140.26	88.31	88.31	-1,181.56	-3,532.78	671.61	391.24	280.37	2.395	
12,000.00	7,099.69	11,860.55	7,079.43	143.43	143.02	88.27	88.27	-1,181.03	-3,632.77	671.94	386.06	285.88	2.350	
12,100.00	7,100.52	11,960.55	7,079.77	146.19	145.79	88.23	88.23	-1,180.51	-3,732.77	672.27	380.88	291.39	2.307	
12,200.00	7,101.35	12,060.55	7,080.12	148.95	148.56	88.19	88.19	-1,179.99	-3,832.77	672.60	375.68	296.92	2.265	
12,300.00	7,102.17	12,160.55	7,080.46	151.71	151.34	88.15	88.15	-1,179.46	-3,932.76	672.93	370.48	302.45	2.225	
12,400.00	7,103.00	12,260.55	7,080.80	154.48	154.11	88.11	88.11	-1,178.94	-4,032.76	673.26	365.28	307.98	2.186	
12,500.00	7,103.82	12,360.55	7,081.15	157.26	156.90	88.07	88.07	-1,178.41	-4,132.76	673.59	360.07	313.52	2.148	
12,600.00	7,104.65	12,460.54	7,081.49	160.03	159.68	88.03	88.03	-1,177.89	-4,232.75	673.92	354.85	319.07	2.112	
12,700.00	7,105.48	12,560.54	7,081.83	162.81	162.47	87.99	87.99	-1,177.36	-4,332.75	674.25	349.63	324.63	2.077	
12,800.00	7,106.30	12,660.54	7,082.18	165.59	165.26	87.95	87.95	-1,176.84	-4,432.74	674.59	344.40	330.18	2.043	
12,900.00	7,107.13	12,760.54	7,082.52	168.38	168.05	87.91	87.91	-1,176.31	-4,532.74	674.92	339.17	335.75	2.010	
13,000.00	7,107.95	12,860.54	7,082.87	171.16	170.84	87.87	87.87	-1,175.79	-4,632.74	675.25	333.94	341.31	1.978	
13,100.00	7,108.78	12,960.54	7,083.21	173.95	173.64	87.83	87.83	-1,175.27	-4,732.73	675.58	328.70	346.88	1.948	
13,200.00	7,109.61	13,060.53	7,083.55	176.74	176.44	87.79	87.79	-1,174.74	-4,832.73	675.92	323.46	352.46	1.918	
13,300.00	7,110.43	13,160.53	7,083.90	179.54	179.24	87.75	87.75	-1,174.22	-4,932.73	676.25	318.21	358.04	1.889	
13,368.87	7,111.00	13,229.40	7,084.13	181.46	181.16	87.73	87.73	-1,173.85	-5,001.59	676.48	314.60	361.88	1.869 SF	

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-180.00	-14.93	0.00	14.93					
100.00	100.00	100.00	100.00	3.28	3.28	-180.00	-14.93	0.00	14.93	8.36	6.57	2.273		
200.00	200.00	200.00	200.00	3.34	3.34	-180.00	-14.93	0.00	14.93	8.26	6.67	2.237 CC		
300.00	299.98	299.57	299.55	3.44	3.44	35.82	-16.37	0.97	14.95	8.07	6.89	2.171		
400.00	399.84	399.14	398.98	3.59	3.59	36.32	-20.66	3.87	15.02	7.81	7.20	2.085		
500.00	499.45	498.71	498.17	3.79	3.79	37.14	-27.82	8.71	15.13	7.51	7.62	1.985		
600.00	598.70	598.28	597.00	4.04	4.03	38.27	-37.83	15.48	15.29	7.17	8.12	1.882		
700.00	697.47	697.86	695.36	4.32	4.31	39.69	-50.68	24.16	15.51	6.81	8.70	1.783		
800.00	795.62	797.43	793.11	4.65	4.64	41.36	-66.36	34.76	15.78	6.45	9.34	1.690		
900.00	893.06	897.01	890.16	5.01	5.00	43.26	-84.84	47.25	16.13	6.09	10.04	1.606		
1,000.00	989.64	996.59	986.37	5.41	5.40	45.35	-106.10	61.62	16.54	5.74	10.80	1.532		
1,100.00	1,085.27	1,096.18	1,081.63	5.85	5.84	47.57	-130.12	77.86	17.03	5.42	11.62	1.466 Level 3		
1,191.50	1,171.82	1,187.30	1,167.87	6.29	6.27	49.70	-154.49	94.33	17.56	5.13	12.43	1.413 Level 3		
1,200.00	1,179.82	1,204.25	1,175.82	6.34	6.36	49.88	-156.87	95.93	17.62	5.08	12.54	1.405 Level 3		
1,300.00	1,273.89	1,304.26	1,269.78	6.85	6.87	51.10	-185.20	115.09	18.53	5.05	13.48	1.375 Level 3		
1,400.00	1,367.96	1,404.26	1,363.75	7.38	7.40	52.21	-213.54	134.24	19.46	4.99	14.47	1.345 Level 3		
1,500.00	1,462.03	1,504.27	1,457.71	7.93	7.95	53.22	-241.87	153.39	20.39	4.90	15.49	1.316 Level 3		
1,600.00	1,556.10	1,604.27	1,551.68	8.49	8.52	54.14	-270.21	172.54	21.32	4.78	16.54	1.289 Level 3		
1,700.00	1,650.17	1,704.28	1,645.64	9.06	9.09	54.98	-298.54	191.69	22.26	4.64	17.62	1.264 Level 3		
1,800.00	1,744.24	1,804.28	1,739.61	9.65	9.67	55.76	-326.88	210.84	23.21	4.49	18.71	1.240 Level 2		
1,900.00	1,838.31	1,904.29	1,833.57	10.23	10.26	56.47	-355.21	230.00	24.16	4.32	19.83	1.218 Level 2		
2,000.00	1,932.38	2,004.29	1,927.53	10.83	10.86	57.13	-383.55	249.15	25.11	4.15	20.96	1.198 Level 2		
2,100.00	2,026.45	2,104.30	2,021.50	11.43	11.46	57.74	-411.88	268.30	26.06	3.96	22.11	1.179 Level 2		
2,200.00	2,120.52	2,195.70	2,115.46	12.03	12.01	58.31	-440.22	287.45	27.02	3.81	23.21	1.164 Level 2		
2,300.00	2,214.59	2,304.31	2,209.43	12.63	12.67	58.84	-468.55	306.60	27.98	3.56	24.43	1.146 Level 2		
2,400.00	2,308.66	2,404.31	2,303.39	13.24	13.28	59.33	-496.89	325.75	28.94	3.35	25.60	1.131 Level 2		
2,500.00	2,402.73	2,495.68	2,397.36	13.86	13.84	59.79	-525.22	344.91	29.91	3.18	26.73	1.119 Level 2		
2,600.00	2,496.80	2,604.32	2,491.32	14.47	14.51	60.23	-553.56	364.06	30.88	2.91	27.97	1.104 Level 2		
2,700.00	2,590.87	2,704.33	2,585.29	15.09	15.13	60.63	-581.89	383.21	31.84	2.69	29.16	1.092 Level 2		
2,800.00	2,684.95	2,804.33	2,679.25	15.71	15.75	61.02	-610.23	402.36	32.81	2.46	30.36	1.081 Level 2		
2,900.00	2,779.02	2,904.34	2,773.22	16.33	16.37	61.38	-638.56	421.51	33.78	2.23	31.56	1.071 Level 2		
3,000.00	2,873.09	3,004.34	2,867.18	16.95	16.99	61.72	-666.90	440.67	34.76	1.99	32.76	1.061 Level 2		
3,100.00	2,967.16	3,104.35	2,961.15	17.57	17.62	62.04	-695.23	459.82	35.73	1.76	33.97	1.052 Level 2		
3,200.00	3,061.23	3,204.35	3,055.11	18.20	18.24	62.34	-723.56	478.97	36.71	1.52	35.19	1.043 Level 2		
3,300.00	3,155.30	3,304.36	3,149.08	18.82	18.87	62.63	-751.90	498.12	37.68	1.28	36.40	1.035 Level 2		
3,400.00	3,249.37	3,404.36	3,243.04	19.45	19.50	62.91	-780.23	517.27	38.66	1.04	37.62	1.028 Level 2		
3,500.00	3,343.44	3,504.37	3,337.00	20.07	20.13	63.17	-808.57	536.42	39.64	0.79	38.84	1.020 Level 2		
3,600.00	3,437.51	3,604.37	3,430.97	20.70	20.75	63.42	-836.90	555.58	40.61	0.55	40.06	1.014 Level 2		
3,700.00	3,531.58	3,704.38	3,524.93	21.33	21.38	63.65	-865.24	574.73	41.59	0.30	41.29	1.007 Level 2		
3,800.00	3,625.65	3,804.38	3,618.90	21.96	22.02	63.88	-893.57	593.88	42.57	0.06	42.52	1.001 Level 2		
3,900.00	3,719.72	3,904.39	3,712.86	22.59	22.65	64.09	-921.91	613.03	43.55	-0.19	43.75	0.996 Level 1		
4,000.00	3,813.79	4,004.39	3,806.83	23.22	23.28	64.30	-950.24	632.18	44.53	-0.44	44.98	0.990 Level 1		
4,100.00	3,907.86	4,104.40	3,900.79	23.85	23.91	64.50	-978.58	651.34	45.51	-0.69	46.21	0.985 Level 1		
4,200.00	4,001.93	4,204.40	3,994.76	24.48	24.54	64.69	-1,006.91	670.49	46.50	-0.94	47.44	0.980 Level 1		
4,300.00	4,096.00	4,304.41	4,088.72	25.11	25.18	64.87	-1,035.25	689.64	47.48	-1.20	48.67	0.975 Level 1		
4,400.00	4,190.07	4,404.41	4,182.69	25.75	25.81	65.04	-1,063.58	708.79	48.46	-1.45	49.91	0.971 Level 1		
4,500.00	4,284.14	4,495.58	4,276.65	26.38	26.39	65.21	-1,091.92	727.94	49.44	-1.65	51.09	0.968 Level 1		
4,600.00	4,378.21	4,595.58	4,370.62	27.01	27.02	65.37	-1,120.25	747.09	50.43	-1.90	52.33	0.964 Level 1		
4,700.00	4,472.28	4,704.43	4,464.58	27.65	27.71	65.52	-1,148.59	766.25	51.41	-2.21	53.62	0.959 Level 1		
4,800.00	4,566.35	4,804.43	4,558.54	28.28	28.35	65.67	-1,176.92	785.40	52.40	-2.46	54.86	0.955 Level 1		
4,900.00	4,660.42	4,904.44	4,652.51	28.91	28.98	65.81	-1,205.26	804.55	53.38	-2.72	56.10	0.952 Level 1		
5,000.00	4,754.49	5,004.44	4,746.47	29.55	29.62	65.95	-1,233.59	823.70	54.37	-2.97	57.34	0.948 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 30N-14B-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30N-14B-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	5,104.45	4,840.44	30.18	30.25	66.09	-1,261.93	842.85	55.35	-3.23	58.58	0.945	Level 1	
5,200.00	4,942.63	5,204.45	4,934.40	30.82	30.89	66.21	-1,290.26	862.00	56.34	-3.48	59.82	0.942	Level 1	
5,300.00	5,036.70	5,295.54	5,028.37	31.45	31.47	66.34	-1,318.60	881.16	57.32	-3.69	61.01	0.940	Level 1	
5,400.00	5,130.77	5,404.46	5,122.33	32.09	32.16	66.46	-1,346.93	900.31	58.31	-4.00	62.31	0.936	Level 1	
5,500.00	5,224.84	5,504.47	5,216.30	32.72	32.80	66.57	-1,375.27	919.46	59.30	-4.25	63.55	0.933	Level 1	
5,600.00	5,318.91	5,604.47	5,310.26	33.36	33.44	66.68	-1,403.60	938.61	60.28	-4.51	64.79	0.930	Level 1	
5,700.00	5,412.98	5,704.48	5,404.23	33.99	34.07	66.79	-1,431.94	957.76	61.27	-4.77	66.04	0.928	Level 1	
5,800.00	5,507.06	5,795.52	5,498.19	34.63	34.65	66.90	-1,460.27	976.92	62.26	-4.97	67.23	0.926	Level 1	
5,900.00	5,601.13	5,904.49	5,592.16	35.26	35.35	67.00	-1,488.61	996.07	63.24	-5.28	68.53	0.923	Level 1	
6,000.00	5,695.20	6,004.49	5,686.12	35.90	35.98	67.10	-1,516.94	1,015.22	64.23	-5.54	69.77	0.921	Level 1	
6,100.00	5,789.27	6,104.50	5,780.08	36.54	36.62	67.19	-1,545.28	1,034.37	65.22	-5.80	71.02	0.918	Level 1	
6,200.00	5,883.34	6,195.50	5,874.05	37.17	37.20	67.29	-1,573.61	1,053.52	66.21	-6.00	72.21	0.917	Level 1	
6,300.00	5,977.41	6,304.51	5,968.01	37.81	37.90	67.38	-1,601.95	1,072.67	67.19	-6.32	73.51	0.914	Level 1	
6,400.00	6,071.48	6,404.51	6,061.98	38.44	38.54	67.46	-1,630.28	1,091.83	68.18	-6.58	74.76	0.912	Level 1	
6,500.00	6,165.55	6,504.52	6,155.94	39.08	39.17	67.55	-1,658.62	1,110.98	69.17	-6.84	76.01	0.910	Level 1	
6,600.00	6,259.62	6,604.52	6,249.91	39.72	39.81	67.63	-1,686.95	1,130.13	70.16	-7.10	77.26	0.908	Level 1	
6,677.33	6,332.36	6,672.80	6,322.57	40.21	40.25	67.69	-1,708.87	1,144.94	70.92	-7.24	78.16	0.907	Level 1	
6,700.00	6,353.76	6,695.47	6,343.87	40.35	40.39	62.48	-1,715.29	1,149.28	70.93	-7.47	78.40	0.905	Level 1	
6,750.00	6,401.37	6,745.34	6,390.73	40.64	40.71	46.94	-1,729.42	1,158.83	69.44	-9.10	78.54	0.884	Level 1	
6,800.00	6,449.30	6,805.21	6,437.19	40.89	41.09	26.19	-1,743.43	1,168.30	66.35	-11.70	78.06	0.850	Level 1	
6,850.00	6,497.25	6,843.50	6,482.97	41.11	41.34	1.53	-1,757.24	1,177.63	62.81	-13.65	76.46	0.822	Level 1, SF	
6,900.00	6,544.95	6,891.09	6,527.75	41.29	41.64	-24.84	-1,770.74	1,186.40	60.92	-13.02	73.94	0.824	Level 1	
6,902.30	6,547.13	6,893.27	6,529.81	41.30	41.65	-26.02	-1,771.36	1,186.74	60.91	-12.90	73.82	0.825	Level 1	
6,950.00	6,592.08	6,939.02	6,573.28	41.45	41.91	-49.02	-1,784.50	1,192.22	62.67	-9.18	71.85	0.872	Level 1	
7,000.00	6,638.35	6,988.10	6,620.19	41.58	42.17	-69.43	-1,798.72	1,194.46	68.02	-2.98	71.00	0.958	Level 1	
7,050.00	6,683.50	7,038.44	6,668.32	41.70	42.39	-85.80	-1,813.34	1,192.83	76.23	5.29	70.94	1.075	Level 2	
7,100.00	6,727.22	7,090.13	6,717.44	41.81	42.59	-98.58	-1,828.30	1,187.03	86.44	15.59	70.84	1.220	Level 2	
7,150.00	6,769.26	7,143.27	6,767.29	41.92	42.76	-108.49	-1,843.53	1,176.74	97.90	27.69	70.21	1.394	Level 3	
7,200.00	6,809.36	7,197.96	6,817.53	42.03	42.90	-116.20	-1,858.92	1,161.65	110.06	41.24	68.82	1.599		
7,250.00	6,847.27	7,254.30	6,867.78	42.15	43.04	-122.25	-1,874.36	1,141.45	122.50	55.85	66.64	1.838		
7,300.00	6,882.75	7,312.35	6,917.56	42.27	43.16	-127.04	-1,889.71	1,115.87	134.89	71.21	63.69	2.118		
7,350.00	6,915.58	7,372.18	6,966.29	42.41	43.29	-130.86	-1,904.79	1,084.64	146.98	86.95	60.02	2.449		
7,400.00	6,945.57	7,433.84	7,013.34	42.57	43.42	-133.91	-1,919.42	1,047.61	158.53	102.78	55.75	2.843		
7,450.00	6,972.53	7,497.32	7,057.95	42.75	43.57	-136.35	-1,933.36	1,004.68	169.34	118.32	51.03	3.319		
7,500.00	6,996.30	7,562.60	7,099.30	42.95	43.73	-138.28	-1,946.38	955.92	179.23	133.16	46.07	3.890		
7,550.00	7,016.72	7,629.59	7,136.54	43.17	43.93	-139.78	-1,958.19	901.54	188.03	146.77	41.26	4.557		
7,600.00	7,033.66	7,698.15	7,168.75	43.43	44.17	-140.91	-1,968.53	841.95	195.58	158.45	37.13	5.268		
7,650.00	7,047.04	7,768.08	7,195.10	43.72	44.46	-141.70	-1,977.14	777.78	201.74	167.31	34.43	5.859		
7,700.00	7,056.76	7,839.13	7,214.80	44.05	44.82	-142.20	-1,983.76	709.88	206.41	172.51	33.90	6.088		
7,750.00	7,062.76	7,911.00	7,227.24	44.41	45.24	-142.41	-1,988.20	639.28	209.50	173.62	35.88	5.839		
7,799.36	7,065.00	7,982.39	7,231.97	44.81	45.73	-142.35	-1,990.31	568.11	210.95	170.97	39.98	5.277		
7,900.00	7,065.83	8,083.99	7,232.80	45.73	46.56	-142.04	-1,991.52	466.53	211.80	169.33	42.47	4.987		
8,000.00	7,066.66	8,183.98	7,233.61	46.83	47.56	-141.74	-1,992.71	366.55	212.65	167.62	45.03	4.723		
8,100.00	7,067.49	8,283.97	7,234.41	48.11	48.74	-141.44	-1,993.90	266.57	213.51	165.71	47.80	4.466		
8,200.00	7,068.31	8,383.96	7,235.22	49.55	50.10	-141.14	-1,995.10	166.59	214.37	163.60	50.77	4.223		
8,300.00	7,069.14	8,483.95	7,236.03	51.14	51.61	-140.85	-1,996.29	66.61	215.24	161.34	53.90	3.993		
8,400.00	7,069.96	8,583.94	7,236.84	52.86	53.26	-140.56	-1,997.48	-33.37	216.11	158.93	57.18	3.779		
8,500.00	7,070.79	8,683.93	7,237.64	54.70	55.04	-140.27	-1,998.67	-133.35	216.99	156.40	60.59	3.581		
8,600.00	7,071.61	8,783.92	7,238.45	56.64	56.93	-139.99	-1,999.86	-233.33	217.88	153.76	64.12	3.398		
8,700.00	7,072.44	8,883.91	7,239.26	58.68	58.91	-139.70	-2,001.05	-333.31	218.76	151.02	67.75	3.229		
8,800.00	7,073.27	8,983.90	7,240.07	60.78	60.98	-139.42	-2,002.24	-433.29	219.66	148.19	71.47	3.073		
8,900.00	7,074.09	9,083.89	7,240.88	62.96	63.11	-139.14	-2,003.44	-533.27	220.56	145.28	75.28	2.930		

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

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

Offset Design Falken 9-11 PAD - Falken 30C-14-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Reference (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,000.00	7,074.92	9,183.88	7,241.68	65.19	65.31	-138.86		-2,004.63	-633.25	221.47	142.30	79.17	2.798	
9,100.00	7,075.74	9,283.87	7,242.49	67.48	67.57	-138.59		-2,005.82	-733.23	222.38	139.25	83.12	2.675	
9,200.00	7,076.57	9,383.86	7,243.30	69.82	69.87	-138.32		-2,007.01	-833.21	223.29	136.15	87.14	2.562	
9,300.00	7,077.40	9,483.85	7,244.11	72.19	72.22	-138.05		-2,008.20	-933.19	224.21	132.99	91.22	2.458	
9,400.00	7,078.22	9,583.84	7,244.91	74.61	74.60	-137.78		-2,009.39	-1,033.17	225.14	129.77	95.36	2.361	
9,500.00	7,079.05	9,683.83	7,245.72	77.05	77.02	-137.51		-2,010.58	-1,133.15	226.07	126.51	99.56	2.271	
9,600.00	7,079.87	9,783.82	7,246.53	79.53	79.48	-137.25		-2,011.78	-1,233.13	227.00	123.21	103.80	2.187	
9,700.00	7,080.70	9,883.81	7,247.34	82.03	81.96	-136.99		-2,012.97	-1,333.11	227.94	119.86	108.09	2.109	
9,800.00	7,081.53	9,983.80	7,248.14	84.55	84.46	-136.73		-2,014.16	-1,433.09	228.89	116.47	112.42	2.036	
9,900.00	7,082.35	10,083.79	7,248.95	87.10	86.99	-136.47		-2,015.35	-1,533.07	229.84	113.04	116.79	1.968	
10,000.00	7,083.18	10,183.78	7,249.76	89.67	89.54	-136.21		-2,016.54	-1,633.05	230.79	109.58	121.21	1.904	
10,100.00	7,084.00	10,283.77	7,250.57	92.25	92.10	-135.96		-2,017.73	-1,733.03	231.75	106.08	125.67	1.844	
10,200.00	7,084.83	10,383.76	7,251.38	94.86	94.69	-135.71		-2,018.92	-1,833.01	232.71	102.56	130.16	1.788	
10,300.00	7,085.65	10,483.75	7,252.18	97.47	97.29	-135.46		-2,020.11	-1,932.99	233.68	99.00	134.68	1.735	
10,400.00	7,086.48	10,583.74	7,252.99	100.10	99.91	-135.21		-2,021.31	-2,032.97	234.65	95.41	139.25	1.685	
10,500.00	7,087.31	10,683.73	7,253.80	102.75	102.53	-134.97		-2,022.50	-2,132.95	235.63	91.79	143.84	1.638	
10,600.00	7,088.13	10,783.72	7,254.61	105.40	105.17	-134.73		-2,023.69	-2,232.93	236.61	88.14	148.46	1.594	
10,700.00	7,088.96	10,883.71	7,255.41	108.07	107.83	-134.49		-2,024.88	-2,332.91	237.59	84.47	153.12	1.552	
10,800.00	7,089.78	10,983.70	7,256.22	110.75	110.49	-134.25		-2,026.07	-2,432.89	238.58	80.78	157.81	1.512	
10,900.00	7,090.61	11,083.69	7,257.03	113.43	113.16	-134.01		-2,027.26	-2,532.87	239.57	77.05	162.52	1.474 Level 3	
11,000.00	7,091.44	11,183.68	7,257.84	116.13	115.84	-133.78		-2,028.45	-2,632.85	240.57	73.31	167.26	1.438 Level 3	
11,100.00	7,092.26	11,283.67	7,258.65	118.83	118.53	-133.54		-2,029.65	-2,732.83	241.57	69.54	172.03	1.404 Level 3	
11,200.00	7,093.09	11,383.66	7,259.45	121.54	121.23	-133.31		-2,030.84	-2,832.81	242.58	65.75	176.82	1.372 Level 3	
11,300.00	7,093.91	11,483.65	7,260.26	124.25	123.93	-133.08		-2,032.03	-2,932.79	243.59	61.94	181.64	1.341 Level 3	
11,400.00	7,094.74	11,583.64	7,261.07	126.98	126.65	-132.86		-2,033.22	-3,032.77	244.60	58.11	186.49	1.312 Level 3	
11,500.00	7,095.57	11,683.63	7,261.88	129.70	129.36	-132.63		-2,034.41	-3,132.75	245.62	54.26	191.35	1.284 Level 3	
11,600.00	7,096.39	11,783.62	7,262.68	132.44	132.09	-132.41		-2,035.60	-3,232.73	246.64	50.39	196.25	1.257 Level 3	
11,700.00	7,097.22	11,883.61	7,263.49	135.18	134.82	-132.18		-2,036.79	-3,332.71	247.66	46.50	201.16	1.231 Level 2	
11,800.00	7,098.04	11,983.60	7,264.30	137.92	137.55	-131.97		-2,037.99	-3,432.69	248.69	42.59	206.09	1.207 Level 2	
11,900.00	7,098.87	12,083.59	7,265.11	140.67	140.29	-131.75		-2,039.18	-3,532.67	249.72	38.67	211.05	1.183 Level 2	
12,000.00	7,099.69	12,183.58	7,265.91	143.43	143.04	-131.53		-2,040.37	-3,632.65	250.75	34.73	216.03	1.161 Level 2	
12,100.00	7,100.52	12,283.57	7,266.72	146.19	145.78	-131.32		-2,041.56	-3,732.63	251.79	30.77	221.02	1.139 Level 2	
12,200.00	7,101.35	12,383.56	7,267.53	148.95	148.54	-131.10		-2,042.75	-3,832.61	252.83	26.79	226.04	1.119 Level 2	
12,300.00	7,102.17	12,483.55	7,268.34	151.71	151.29	-130.89		-2,043.94	-3,932.59	253.88	22.80	231.08	1.099 Level 2	
12,400.00	7,103.00	12,583.54	7,269.15	154.48	154.05	-130.68		-2,045.13	-4,032.57	254.93	18.80	236.13	1.080 Level 2	
12,500.00	7,103.82	12,683.53	7,269.95	157.26	156.82	-130.48		-2,046.33	-4,132.55	255.98	14.77	241.21	1.061 Level 2	
12,600.00	7,104.65	12,783.52	7,270.76	160.03	159.58	-130.27		-2,047.52	-4,232.53	257.04	10.74	246.30	1.044 Level 2	
12,700.00	7,105.48	12,883.51	7,271.57	162.81	162.35	-130.07		-2,048.71	-4,332.51	258.09	6.69	251.40	1.027 Level 2	
12,800.00	7,106.30	12,983.50	7,272.38	165.59	165.13	-129.86		-2,049.90	-4,432.49	259.16	2.63	256.53	1.010 Level 2	
12,900.00	7,107.13	13,083.49	7,273.18	168.38	167.90	-129.66		-2,051.09	-4,532.47	260.22	-1.45	261.67	0.994 Level 1	
13,000.00	7,107.95	13,183.49	7,273.99	171.16	170.68	-129.46		-2,052.28	-4,632.45	261.29	-5.54	266.83	0.979 Level 1	
13,100.00	7,108.78	13,283.48	7,274.80	173.95	173.46	-129.27		-2,053.47	-4,732.43	262.36	-9.64	272.00	0.965 Level 1	
13,200.00	7,109.61	13,383.47	7,275.61	176.74	176.25	-129.07		-2,054.67	-4,832.40	263.44	-13.76	277.19	0.950 Level 1	
13,300.00	7,110.43	13,483.46	7,276.42	179.54	179.03	-128.88		-2,055.86	-4,932.38	264.51	-17.88	282.40	0.937 Level 1	
13,368.87	7,111.00	13,552.31	7,276.97	181.46	180.95	-128.74		-2,056.68	-5,001.24	265.26	-20.73	285.99	0.928 Level 1, ES	

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.58	-75.05	-0.56	75.05					
100.00	100.00	100.00	100.00	3.28	3.28	-179.58	-75.05	-0.56	75.05	68.48	6.57	11.424		
200.00	200.00	200.00	200.00	3.34	3.34	-179.58	-75.05	-0.56	75.05	68.38	6.67	11.245		
300.00	299.98	299.98	299.98	3.44	3.44	36.89	-75.05	-0.56	73.65	66.76	6.89	10.696		
400.00	399.84	397.72	397.70	3.59	3.59	38.81	-76.56	0.14	71.03	63.84	7.19	9.879		
500.00	499.45	495.56	495.41	3.79	3.78	41.33	-81.10	2.25	68.81	61.22	7.59	9.068		
600.00	598.70	593.51	593.00	4.04	4.01	44.48	-88.68	5.76	67.09	59.02	8.07	8.312		
700.00	697.47	691.56	690.34	4.32	4.27	48.21	-99.28	10.68	65.97	57.34	8.63	7.647		
800.00	795.62	789.70	787.32	4.65	4.56	52.47	-112.92	17.01	65.57	56.32	9.25	7.091		
800.35	795.96	790.04	787.66	4.65	4.56	52.48	-112.98	17.03	65.57	56.32	9.25	7.089 CC		
900.00	893.06	887.94	883.82	5.01	4.89	57.12	-129.59	24.74	66.00	56.07	9.93	6.648 ES		
1,000.00	989.64	986.26	979.72	5.41	5.26	62.01	-149.26	33.86	67.37	56.70	10.67	6.314		
1,100.00	1,085.27	1,084.68	1,074.90	5.85	5.65	66.93	-171.93	44.37	69.75	58.27	11.49	6.073		
1,191.50	1,171.82	1,174.80	1,161.26	6.29	6.05	71.32	-195.28	55.20	72.85	60.55	12.30	5.924		
1,200.00	1,179.82	1,183.17	1,169.25	6.34	6.08	71.71	-197.57	56.27	73.18	60.81	12.38	5.914		
1,300.00	1,273.89	1,281.79	1,262.69	6.85	6.55	74.85	-226.18	69.53	78.17	64.83	13.33	5.863		
1,400.00	1,367.96	1,380.40	1,354.97	7.38	7.05	75.48	-257.68	84.14	84.73	70.40	14.33	5.911		
1,500.00	1,462.03	1,478.75	1,445.77	7.93	7.59	74.11	-291.96	100.04	92.76	77.40	15.36	6.038		
1,600.00	1,556.10	1,576.63	1,534.79	8.49	8.16	71.29	-328.86	117.15	102.44	86.04	16.40	6.247		
1,700.00	1,650.17	1,674.29	1,622.22	9.06	8.76	67.55	-368.32	135.45	114.06	96.64	17.42	6.547		
1,800.00	1,744.24	1,773.23	1,710.35	9.65	9.40	64.10	-409.11	154.37	126.67	108.20	18.47	6.857		
1,900.00	1,838.31	1,872.17	1,798.49	10.23	10.06	61.27	-449.91	173.29	139.65	120.12	19.53	7.149		
2,000.00	1,932.38	1,971.11	1,886.62	10.83	10.74	58.94	-490.70	192.21	152.91	132.31	20.60	7.422		
2,100.00	2,026.45	2,070.05	1,974.75	11.43	11.42	56.97	-531.49	211.12	166.39	144.71	21.68	7.675		
2,200.00	2,120.52	2,168.99	2,062.88	12.03	12.12	55.30	-572.28	230.04	180.02	157.26	22.76	7.908		
2,300.00	2,214.59	2,267.92	2,151.02	12.63	12.82	53.87	-613.07	248.96	193.78	169.93	23.85	8.124		
2,400.00	2,308.66	2,366.86	2,239.15	13.24	13.53	52.63	-653.86	267.87	207.65	182.70	24.95	8.323		
2,500.00	2,402.73	2,465.80	2,327.28	13.86	14.24	51.54	-694.65	286.79	221.60	195.55	26.05	8.506		
2,600.00	2,496.80	2,564.74	2,415.41	14.47	14.96	50.58	-735.44	305.71	235.62	208.46	27.16	8.675		
2,700.00	2,590.87	2,663.68	2,503.55	15.09	15.68	49.73	-776.23	324.63	249.70	221.43	28.27	8.832		
2,800.00	2,684.95	2,762.62	2,591.68	15.71	16.41	48.97	-817.02	343.54	263.82	234.43	29.39	8.977		
2,900.00	2,779.02	2,861.56	2,679.81	16.33	17.14	48.29	-857.81	362.46	277.99	247.48	30.51	9.111		
3,000.00	2,873.09	2,960.50	2,767.94	16.95	17.87	47.67	-898.60	381.38	292.19	260.56	31.63	9.237		
3,100.00	2,967.16	3,059.44	2,856.08	17.57	18.60	47.12	-939.40	400.29	306.42	273.66	32.76	9.353		
3,200.00	3,061.23	3,158.38	2,944.21	18.20	19.34	46.61	-980.19	419.21	320.68	286.79	33.89	9.462		
3,300.00	3,155.30	3,257.32	3,032.34	18.82	20.08	46.14	-1,020.98	438.13	334.96	299.94	35.03	9.563		
3,400.00	3,249.37	3,356.26	3,120.47	19.45	20.82	45.71	-1,061.77	457.05	349.26	313.10	36.16	9.659		
3,500.00	3,343.44	3,455.20	3,208.61	20.07	21.56	45.32	-1,102.56	475.96	363.58	326.28	37.30	9.748		
3,600.00	3,437.51	3,554.14	3,296.74	20.70	22.30	44.95	-1,143.35	494.88	377.91	339.47	38.44	9.832		
3,700.00	3,531.58	3,653.08	3,384.87	21.33	23.05	44.62	-1,184.14	513.80	392.26	352.68	39.58	9.911		
3,800.00	3,625.65	3,752.02	3,473.00	21.96	23.79	44.30	-1,224.93	532.71	406.62	365.90	40.72	9.985		
3,900.00	3,719.72	3,850.96	3,561.14	22.59	24.54	44.01	-1,265.72	551.63	420.99	379.12	41.87	10.055		
4,000.00	3,813.79	3,949.90	3,649.27	23.22	25.28	43.74	-1,306.51	570.55	435.37	392.36	43.01	10.121		
4,100.00	3,907.86	4,048.84	3,737.40	23.85	26.03	43.48	-1,347.30	589.47	449.76	405.60	44.16	10.184		
4,200.00	4,001.93	4,147.78	3,825.53	24.48	26.78	43.24	-1,388.10	608.38	464.16	418.85	45.31	10.244		
4,300.00	4,096.00	4,246.72	3,913.67	25.11	27.53	43.01	-1,428.89	627.30	478.57	432.10	46.46	10.300		
4,400.00	4,190.07	4,345.66	4,001.80	25.75	28.28	42.80	-1,469.68	646.22	492.98	445.36	47.61	10.354		
4,500.00	4,284.14	4,444.60	4,089.93	26.38	29.03	42.60	-1,510.47	665.13	507.40	458.63	48.77	10.405		
4,600.00	4,378.21	4,543.54	4,178.06	27.01	29.78	42.41	-1,551.26	684.05	521.82	471.90	49.92	10.453		
4,700.00	4,472.28	4,642.48	4,266.20	27.65	30.54	42.23	-1,592.05	702.97	536.25	485.18	51.07	10.500		
4,800.00	4,566.35	4,741.42	4,354.33	28.28	31.29	42.06	-1,632.84	721.89	550.69	498.46	52.23	10.544		
4,900.00	4,660.42	4,840.36	4,442.46	28.91	32.04	41.90	-1,673.63	740.80	565.12	511.74	53.39	10.586		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,939.30	4,530.59	29.55	32.79	41.75	-1,714.42	759.72	579.57	525.03	54.54	10.626		
5,100.00	4,848.56	5,038.24	4,618.73	30.18	33.55	41.60	-1,755.21	778.64	594.02	538.32	55.70	10.665		
5,200.00	4,942.63	5,137.18	4,706.86	30.82	34.30	41.47	-1,796.00	797.56	608.47	551.61	56.86	10.702		
5,300.00	5,036.70	5,236.12	4,794.99	31.45	35.06	41.33	-1,836.79	816.47	622.92	564.90	58.02	10.737		
5,400.00	5,130.77	5,335.06	4,883.13	32.09	35.81	41.21	-1,877.59	835.39	637.38	578.20	59.18	10.771		
5,500.00	5,224.84	5,434.00	4,971.26	32.72	36.57	41.09	-1,918.38	854.31	651.84	591.50	60.34	10.804		
5,600.00	5,318.91	5,532.94	5,059.39	33.36	37.32	40.97	-1,959.17	873.22	666.30	604.80	61.50	10.835		
5,700.00	5,412.98	5,631.88	5,147.52	33.99	38.08	40.86	-1,999.96	892.14	680.77	618.11	62.66	10.865		
5,800.00	5,507.06	5,730.82	5,235.66	34.63	38.83	40.76	-2,040.75	911.06	695.23	631.42	63.82	10.894		
5,900.00	5,601.13	5,829.76	5,323.79	35.26	39.59	40.65	-2,081.54	929.98	709.70	644.72	64.98	10.922		
6,000.00	5,695.20	5,928.70	5,411.92	35.90	40.35	40.56	-2,122.33	948.89	724.17	658.03	66.14	10.949		
6,100.00	5,789.27	6,027.64	5,500.05	36.54	41.10	40.46	-2,163.12	967.81	738.65	671.34	67.30	10.975		
6,200.00	5,883.34	6,126.58	5,588.19	37.17	41.86	40.37	-2,203.91	986.73	753.12	684.66	68.47	11.000		
6,300.00	5,977.41	6,225.52	5,676.32	37.81	42.62	40.29	-2,244.70	1,005.64	767.60	697.97	69.63	11.024		
6,400.00	6,071.48	6,324.46	5,764.45	38.44	43.37	40.20	-2,285.49	1,024.56	782.08	711.29	70.79	11.047		
6,500.00	6,165.55	6,423.40	5,852.58	39.08	44.13	40.12	-2,326.29	1,043.48	796.56	724.60	71.96	11.070		
6,600.00	6,259.62	6,522.34	5,940.72	39.72	44.89	40.04	-2,367.08	1,062.40	811.04	737.92	73.12	11.092		
6,677.33	6,332.36	6,601.15	6,008.87	40.21	45.49	39.99	-2,398.62	1,077.02	822.24	748.21	74.04	11.106		
6,700.00	6,353.76	6,621.28	6,028.85	40.35	45.64	35.28	-2,407.87	1,081.31	825.49	751.21	74.28	11.114		
6,750.00	6,401.37	6,670.61	6,072.79	40.64	46.02	22.71	-2,428.20	1,090.74	832.35	757.59	74.77	11.133		
6,800.00	6,449.30	6,719.52	6,116.35	40.89	46.40	7.83	-2,448.37	1,100.10	838.84	763.68	75.16	11.160		
6,850.00	6,497.25	6,767.69	6,159.27	41.11	46.77	-7.53	-2,468.23	1,109.31	845.02	769.55	75.47	11.197		
6,900.00	6,544.95	6,814.85	6,201.27	41.29	47.13	-21.37	-2,487.67	1,118.32	851.01	775.32	75.69	11.243		
6,950.00	6,592.08	6,860.68	6,242.10	41.45	47.48	-32.74	-2,506.57	1,127.09	856.97	781.12	75.85	11.298		
7,000.00	6,638.35	6,904.92	6,281.50	41.58	47.82	-41.73	-2,524.80	1,135.54	863.09	787.14	75.95	11.364		
7,050.00	6,683.50	6,947.28	6,319.24	41.70	48.14	-48.80	-2,542.27	1,143.64	869.61	793.60	76.01	11.440		
7,100.00	6,727.22	6,987.51	6,355.07	41.81	48.45	-54.42	-2,558.86	1,151.34	876.76	800.71	76.04	11.529		
7,150.00	6,769.26	7,025.36	6,388.79	41.92	48.74	-58.92	-2,574.46	1,158.57	884.78	808.72	76.06	11.633		
7,200.00	6,809.36	7,060.60	6,420.18	42.03	49.01	-62.54	-2,588.99	1,165.31	893.93	817.86	76.07	11.752		
7,250.00	6,847.27	7,093.00	6,449.04	42.15	49.26	-65.41	-2,602.35	1,171.51	904.43	828.34	76.09	11.887		
7,300.00	6,882.75	7,122.37	6,475.20	42.27	49.48	-67.62	-2,614.46	1,177.12	916.48	840.36	76.13	12.039		
7,350.00	6,915.58	7,148.53	6,498.51	42.41	49.68	-69.21	-2,625.24	1,182.12	930.25	854.05	76.20	12.208		
7,400.00	6,945.57	7,171.32	6,518.80	42.57	49.86	-70.20	-2,634.64	1,186.48	945.85	869.54	76.31	12.394		
7,450.00	6,972.53	7,190.59	6,535.97	42.75	50.01	-70.60	-2,642.58	1,190.16	963.34	886.86	76.47	12.597		
7,500.00	6,996.30	7,216.84	6,559.40	42.95	50.20	-71.07	-2,653.42	1,194.90	982.67	905.85	76.82	12.792		
7,550.00	7,016.72	7,252.73	6,591.68	43.17	50.46	-71.77	-2,668.35	1,199.69	1,003.59	926.23	77.36	12.973		
7,600.00	7,033.66	7,294.25	6,629.26	43.43	50.73	-72.50	-2,685.72	1,202.73	1,025.94	947.98	77.97	13.159		
7,650.00	7,047.04	7,347.20	6,677.32	43.72	51.05	-73.60	-2,707.91	1,202.68	1,049.58	970.97	78.61	13.352		
7,700.00	7,056.76	7,429.16	6,751.28	44.05	51.43	-76.08	-2,742.01	1,193.94	1,074.20	995.06	79.14	13.574		
7,750.00	7,062.76	7,624.67	6,918.96	44.41	52.00	-83.98	-2,819.10	1,131.79	1,098.72	1,020.19	78.53	13.992		
7,799.36	7,065.00	8,324.40	7,232.04	44.81	53.50	-98.64	-2,960.63	562.36	1,111.81	1,029.37	82.44	13.486		
7,900.00	7,065.83	8,425.04	7,232.63	45.73	54.00	-98.63	-2,960.37	461.72	1,111.72	1,026.73	84.99	13.080		
8,000.00	7,066.66	8,525.04	7,233.21	46.83	54.60	-98.62	-2,960.11	361.72	1,111.63	1,023.82	87.81	12.659		
8,100.00	7,067.49	8,625.04	7,233.79	48.11	55.34	-98.60	-2,959.85	261.73	1,111.54	1,020.65	90.90	12.229		
8,200.00	7,068.31	8,725.04	7,234.37	49.55	56.23	-98.59	-2,959.59	161.73	1,111.46	1,017.23	94.22	11.796		
8,300.00	7,069.14	8,825.04	7,234.95	51.14	57.29	-98.58	-2,959.32	61.73	1,111.37	1,013.60	97.77	11.368		
8,400.00	7,069.96	8,925.04	7,235.53	52.86	58.51	-98.57	-2,959.06	-38.27	1,111.28	1,009.78	101.50	10.948		
8,500.00	7,070.79	9,025.04	7,236.11	54.70	59.90	-98.56	-2,958.80	-138.26	1,111.19	1,005.78	105.41	10.542		
8,600.00	7,071.61	9,125.04	7,236.69	56.64	61.44	-98.54	-2,958.54	-238.26	1,111.10	1,001.63	109.47	10.149		
8,700.00	7,072.44	9,225.04	7,237.27	58.68	63.13	-98.53	-2,958.28	-338.26	1,111.02	997.34	113.68	9.774		
8,800.00	7,073.27	9,325.04	7,237.85	60.78	64.94	-98.52	-2,958.02	-438.26	1,110.93	992.93	118.00	9.415		
8,900.00	7,074.09	9,425.04	7,238.44	62.96	66.85	-98.51	-2,957.76	-538.25	1,110.84	988.41	122.44	9.073		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	9,525.04	7,239.02	65.19	68.86	-98.50	-2,957.50	-638.25	1,110.75	983.78	126.97	8.748		
9,100.00	7,075.74	9,625.04	7,239.60	67.48	70.95	-98.48	-2,957.23	-738.25	1,110.67	979.07	131.59	8.440		
9,200.00	7,076.57	9,725.04	7,240.18	69.82	73.10	-98.47	-2,956.97	-838.25	1,110.58	974.28	136.29	8.148		
9,300.00	7,077.40	9,825.03	7,240.76	72.19	75.32	-98.46	-2,956.71	-938.24	1,110.49	969.42	141.07	7.872		
9,400.00	7,078.22	9,925.03	7,241.34	74.61	77.60	-98.45	-2,956.45	-1,038.24	1,110.40	964.50	145.91	7.610		
9,500.00	7,079.05	10,025.03	7,241.92	77.05	79.92	-98.44	-2,956.19	-1,138.24	1,110.32	959.51	150.80	7.363		
9,600.00	7,079.87	10,125.03	7,242.50	79.53	82.28	-98.42	-2,955.93	-1,238.24	1,110.23	954.47	155.75	7.128		
9,700.00	7,080.70	10,225.03	7,243.08	82.03	84.67	-98.41	-2,955.67	-1,338.24	1,110.14	949.39	160.75	6.906		
9,800.00	7,081.53	10,325.03	7,243.66	84.55	87.11	-98.40	-2,955.41	-1,438.23	1,110.05	944.26	165.79	6.695		
9,900.00	7,082.35	10,425.03	7,244.25	87.10	89.57	-98.39	-2,955.14	-1,538.23	1,109.97	939.09	170.88	6.496		
10,000.00	7,083.18	10,525.03	7,244.83	89.67	92.05	-98.37	-2,954.88	-1,638.23	1,109.88	933.89	175.99	6.306		
10,100.00	7,084.00	10,625.03	7,245.41	92.25	94.56	-98.36	-2,954.62	-1,738.23	1,109.79	928.65	181.15	6.126		
10,200.00	7,084.83	10,725.03	7,245.99	94.86	97.10	-98.35	-2,954.36	-1,838.22	1,109.71	923.38	186.33	5.956		
10,300.00	7,085.65	10,825.03	7,246.57	97.47	99.65	-98.34	-2,954.10	-1,938.22	1,109.62	918.08	191.54	5.793		
10,400.00	7,086.48	10,925.03	7,247.15	100.10	102.22	-98.33	-2,953.84	-2,038.22	1,109.53	912.75	196.78	5.639		
10,500.00	7,087.31	11,025.03	7,247.73	102.75	104.81	-98.31	-2,953.58	-2,138.22	1,109.44	907.41	202.04	5.491		
10,600.00	7,088.13	11,125.03	7,248.31	105.40	107.41	-98.30	-2,953.32	-2,238.21	1,109.36	902.04	207.32	5.351		
10,700.00	7,088.96	11,225.03	7,248.89	108.07	110.03	-98.29	-2,953.05	-2,338.21	1,109.27	896.64	212.63	5.217		
10,800.00	7,089.78	11,325.03	7,249.48	110.75	112.66	-98.28	-2,952.79	-2,438.21	1,109.18	891.23	217.95	5.089		
10,900.00	7,090.61	11,425.03	7,250.06	113.43	115.30	-98.27	-2,952.53	-2,538.21	1,109.10	885.81	223.29	4.967		
11,000.00	7,091.44	11,525.03	7,250.64	116.13	117.95	-98.25	-2,952.27	-2,638.20	1,109.01	880.36	228.65	4.850		
11,100.00	7,092.26	11,625.03	7,251.22	118.83	120.62	-98.24	-2,952.01	-2,738.20	1,108.92	874.90	234.02	4.739		
11,200.00	7,093.09	11,725.03	7,251.80	121.54	123.29	-98.23	-2,951.75	-2,838.20	1,108.84	869.43	239.41	4.632		
11,300.00	7,093.91	11,825.03	7,252.38	124.25	125.97	-98.22	-2,951.49	-2,938.20	1,108.75	863.94	244.81	4.529		
11,400.00	7,094.74	11,925.03	7,252.96	126.98	128.66	-98.20	-2,951.23	-3,038.20	1,108.66	858.44	250.22	4.431		
11,500.00	7,095.57	12,025.03	7,253.54	129.70	131.36	-98.19	-2,950.97	-3,138.19	1,108.58	852.93	255.65	4.336		
11,600.00	7,096.39	12,125.03	7,254.12	132.44	134.06	-98.18	-2,950.70	-3,238.19	1,108.49	847.41	261.08	4.246		
11,700.00	7,097.22	12,225.03	7,254.70	135.18	136.77	-98.17	-2,950.44	-3,338.19	1,108.40	841.87	266.53	4.159		
11,800.00	7,098.04	12,325.03	7,255.29	137.92	139.49	-98.16	-2,950.18	-3,438.19	1,108.32	836.33	271.99	4.075		
11,900.00	7,098.87	12,425.03	7,255.87	140.67	142.21	-98.14	-2,949.92	-3,538.18	1,108.23	830.78	277.45	3.994		
12,000.00	7,099.69	12,525.03	7,256.45	143.43	144.94	-98.13	-2,949.66	-3,638.18	1,108.15	825.22	282.93	3.917		
12,100.00	7,100.52	12,625.03	7,257.03	146.19	147.67	-98.12	-2,949.40	-3,738.18	1,108.06	819.65	288.41	3.842		
12,200.00	7,101.35	12,725.03	7,257.61	148.95	150.41	-98.11	-2,949.14	-3,838.18	1,107.97	814.07	293.90	3.770		
12,300.00	7,102.17	12,825.03	7,258.19	151.71	153.16	-98.10	-2,948.88	-3,938.17	1,107.89	808.49	299.40	3.700		
12,400.00	7,103.00	12,925.03	7,258.77	154.48	155.90	-98.08	-2,948.61	-4,038.17	1,107.80	802.90	304.91	3.633		
12,500.00	7,103.82	13,025.02	7,259.35	157.26	158.66	-98.07	-2,948.35	-4,138.17	1,107.72	797.30	310.42	3.568		
12,600.00	7,104.65	13,125.02	7,259.93	160.03	161.41	-98.06	-2,948.09	-4,238.17	1,107.63	791.69	315.94	3.506		
12,700.00	7,105.48	13,225.02	7,260.51	162.81	164.17	-98.05	-2,947.83	-4,338.17	1,107.54	786.08	321.46	3.445		
12,800.00	7,106.30	13,325.02	7,261.10	165.59	166.94	-98.03	-2,947.57	-4,438.16	1,107.46	780.47	326.99	3.387		
12,900.00	7,107.13	13,425.02	7,261.68	168.38	169.70	-98.02	-2,947.31	-4,538.16	1,107.37	774.85	332.53	3.330		
12,963.58	7,107.65	13,488.60	7,262.05	170.15	171.46	-98.01	-2,947.14	-4,601.74	1,107.32	771.27	336.05	3.295 SF		
13,000.00	7,107.95	13,480.77	7,262.00	171.16	171.24	-98.02	-2,947.16	-4,593.91	1,108.17	772.12	336.05	3.298		
13,100.00	7,108.78	13,480.77	7,262.00	173.95	171.24	-98.02	-2,947.16	-4,593.91	1,116.56	781.32	335.24	3.331		
13,200.00	7,109.61	13,480.77	7,262.00	176.74	171.24	-98.02	-2,947.16	-4,593.91	1,133.74	801.70	332.04	3.414		
13,300.00	7,110.43	13,480.77	7,262.00	179.54	171.24	-98.02	-2,947.16	-4,593.91	1,159.32	832.57	326.75	3.548		
13,368.87	7,111.00	13,480.77	7,262.00	181.46	171.24	-98.02	-2,947.16	-4,593.91	1,181.55	859.46	322.09	3.668		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.73	-60.11	-0.28	60.11					
100.00	100.00	100.00	100.00	3.28	3.28	-179.73	-60.11	-0.28	60.11	53.54	6.57	9.150		
200.00	200.00	200.00	200.00	3.34	3.34	-179.73	-60.11	-0.28	60.11	53.44	6.67	9.007		
300.00	299.98	299.98	299.98	3.44	3.44	36.93	-60.11	-0.28	58.71	51.82	6.89	8.526		
400.00	399.84	398.20	398.18	3.59	3.59	39.32	-61.62	0.47	56.09	48.89	7.19	7.800		
500.00	499.45	496.52	496.37	3.79	3.78	42.43	-66.14	2.73	53.86	46.27	7.59	7.097		
600.00	598.70	594.95	594.43	4.04	4.01	46.28	-73.69	6.49	52.13	44.06	8.07	6.458		
700.00	697.47	693.49	692.26	4.32	4.27	50.83	-84.26	11.77	51.01	42.38	8.63	5.912		
797.07	792.76	789.25	786.87	4.64	4.56	55.81	-97.40	18.32	50.63	41.40	9.23	5.486 CC		
800.00	795.62	792.14	789.72	4.65	4.57	55.97	-97.84	18.54	50.63	41.38	9.25	5.475		
900.00	893.06	890.88	886.70	5.01	4.90	61.51	-114.45	26.82	51.10	41.16	9.93	5.145 ES		
1,000.00	989.64	989.72	983.08	5.41	5.27	67.19	-134.05	36.60	52.50	41.82	10.68	4.915		
1,100.00	1,085.27	1,088.67	1,078.74	5.85	5.67	72.76	-156.64	47.87	54.88	43.37	11.51	4.769		
1,191.50	1,171.82	1,179.28	1,165.54	6.29	6.07	77.56	-179.91	59.48	57.93	45.59	12.34	4.696		
1,200.00	1,179.82	1,187.70	1,173.56	6.34	6.11	77.98	-182.20	60.62	58.25	45.84	12.41	4.693		
1,300.00	1,273.89	1,286.87	1,267.46	6.85	6.58	80.96	-210.72	74.84	62.86	49.47	13.39	4.695		
1,400.00	1,367.96	1,386.01	1,360.19	7.38	7.08	80.75	-242.12	90.51	68.59	54.19	14.41	4.761		
1,500.00	1,462.03	1,484.91	1,451.41	7.93	7.63	78.10	-276.28	107.55	75.47	60.01	15.45	4.884		
1,600.00	1,556.10	1,583.31	1,540.82	8.49	8.21	73.76	-313.05	125.89	83.86	67.36	16.50	5.084		
1,700.00	1,650.17	1,682.12	1,629.49	9.06	8.82	68.82	-352.06	145.35	93.91	76.38	17.53	5.356		
1,800.00	1,744.24	1,781.30	1,718.43	9.65	9.46	64.75	-391.34	164.94	104.62	86.03	18.58	5.630		
1,900.00	1,838.31	1,880.48	1,807.36	10.23	10.12	61.46	-430.62	184.53	115.75	96.11	19.64	5.895		
2,000.00	1,932.38	1,979.66	1,896.30	10.83	10.78	58.75	-469.90	204.13	127.19	106.50	20.69	6.146		
2,100.00	2,026.45	2,078.83	1,985.23	11.43	11.46	56.48	-509.18	223.72	138.87	117.11	21.76	6.382		
2,200.00	2,120.52	2,178.01	2,074.17	12.03	12.15	54.57	-548.46	243.31	150.73	127.90	22.83	6.602		
2,300.00	2,214.59	2,277.19	2,163.10	12.63	12.85	52.94	-587.75	262.91	162.74	138.83	23.91	6.806		
2,400.00	2,308.66	2,376.37	2,252.04	13.24	13.55	51.54	-627.03	282.50	174.85	149.86	24.99	6.996		
2,500.00	2,402.73	2,475.55	2,340.97	13.86	14.25	50.31	-666.31	302.09	187.05	160.97	26.08	7.172		
2,600.00	2,496.80	2,574.73	2,429.91	14.47	14.96	49.24	-705.59	321.69	199.33	172.16	27.18	7.334		
2,700.00	2,590.87	2,673.90	2,518.84	15.09	15.68	48.29	-744.87	341.28	211.67	183.40	28.28	7.486		
2,800.00	2,684.95	2,773.08	2,607.78	15.71	16.40	47.45	-784.15	360.87	224.06	194.68	29.38	7.626		
2,900.00	2,779.02	2,872.26	2,696.71	16.33	17.12	46.69	-823.43	380.47	236.50	206.01	30.49	7.757		
3,000.00	2,873.09	2,971.44	2,785.65	16.95	17.84	46.01	-862.71	400.06	248.97	217.37	31.60	7.879		
3,100.00	2,967.16	3,070.62	2,874.58	17.57	18.56	45.40	-901.99	419.65	261.47	228.75	32.71	7.992		
3,200.00	3,061.23	3,169.80	2,963.52	18.20	19.29	44.84	-941.28	439.25	273.99	240.16	33.83	8.099		
3,300.00	3,155.30	3,268.97	3,052.45	18.82	20.02	44.33	-980.56	458.84	286.54	251.59	34.95	8.198		
3,400.00	3,249.37	3,368.15	3,141.39	19.45	20.75	43.86	-1,019.84	478.43	299.12	263.04	36.07	8.292		
3,500.00	3,343.44	3,467.33	3,230.32	20.07	21.49	43.43	-1,059.12	498.03	311.71	274.51	37.20	8.379		
3,600.00	3,437.51	3,566.51	3,319.26	20.70	22.22	43.04	-1,098.40	517.62	324.31	285.98	38.33	8.462		
3,700.00	3,531.58	3,665.69	3,408.19	21.33	22.95	42.67	-1,137.68	537.21	336.93	297.48	39.46	8.540		
3,800.00	3,625.65	3,764.87	3,497.13	21.96	23.69	42.33	-1,176.96	556.81	349.56	308.98	40.59	8.613		
3,900.00	3,719.72	3,864.04	3,586.06	22.59	24.43	42.02	-1,216.24	576.40	362.21	320.49	41.72	8.682		
4,000.00	3,813.79	3,963.22	3,675.00	23.22	25.17	41.72	-1,255.52	595.99	374.86	332.01	42.85	8.748		
4,100.00	3,907.86	4,062.40	3,763.93	23.85	25.90	41.44	-1,294.80	615.59	387.52	343.53	43.99	8.810		
4,200.00	4,001.93	4,161.58	3,852.87	24.48	26.64	41.19	-1,334.09	635.18	400.19	355.07	45.12	8.869		
4,300.00	4,096.00	4,260.76	3,941.80	25.11	27.38	40.94	-1,373.37	654.77	412.87	366.61	46.26	8.925		
4,400.00	4,190.07	4,359.94	4,030.74	25.75	28.12	40.72	-1,412.65	674.37	425.56	378.16	47.40	8.978		
4,500.00	4,284.14	4,459.11	4,119.67	26.38	28.87	40.50	-1,451.93	693.96	438.25	389.71	48.54	9.028		
4,600.00	4,378.21	4,558.29	4,208.61	27.01	29.61	40.30	-1,491.21	713.55	450.95	401.26	49.68	9.077		
4,700.00	4,472.28	4,657.47	4,297.54	27.65	30.35	40.11	-1,530.49	733.15	463.65	412.82	50.82	9.123		
4,800.00	4,566.35	4,756.65	4,386.48	28.28	31.09	39.93	-1,569.77	752.74	476.36	424.39	51.97	9.166		
4,900.00	4,660.42	4,855.83	4,475.42	28.91	31.84	39.75	-1,609.05	772.33	489.07	435.96	53.11	9.208		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,955.01	4,564.35	29.55	32.58	39.59	-1,648.33	791.93	501.78	447.53	54.26	9.249		
5,100.00	4,848.56	5,054.18	4,653.29	30.18	33.32	39.44	-1,687.62	811.52	514.50	459.10	55.40	9.287		
5,200.00	4,942.63	5,153.36	4,742.22	30.82	34.07	39.29	-1,726.90	831.11	527.23	470.68	56.55	9.324		
5,300.00	5,036.70	5,252.54	4,831.16	31.45	34.81	39.15	-1,766.18	850.71	539.95	482.26	57.69	9.359		
5,400.00	5,130.77	5,351.72	4,920.09	32.09	35.56	39.01	-1,805.46	870.30	552.68	493.84	58.84	9.393		
5,500.00	5,224.84	5,450.90	5,009.03	32.72	36.30	38.88	-1,844.74	889.89	565.42	505.43	59.99	9.426		
5,600.00	5,318.91	5,550.08	5,097.96	33.36	37.05	38.76	-1,884.02	909.49	578.15	517.02	61.14	9.457		
5,700.00	5,412.98	5,649.25	5,186.90	33.99	37.80	38.64	-1,923.30	929.08	590.89	528.60	62.28	9.487		
5,800.00	5,507.06	5,748.43	5,275.83	34.63	38.54	38.53	-1,962.58	948.67	603.63	540.20	63.43	9.516		
5,900.00	5,601.13	5,847.61	5,364.77	35.26	39.29	38.42	-2,001.86	968.27	616.37	551.79	64.58	9.544		
6,000.00	5,695.20	5,946.79	5,453.70	35.90	40.03	38.32	-2,041.15	987.86	629.12	563.38	65.73	9.571		
6,100.00	5,789.27	6,045.97	5,542.64	36.54	40.78	38.22	-2,080.43	1,007.45	641.86	574.98	66.88	9.597		
6,200.00	5,883.34	6,145.15	5,631.57	37.17	41.53	38.13	-2,119.71	1,027.05	654.61	586.57	68.03	9.622		
6,300.00	5,977.41	6,244.32	5,720.51	37.81	42.28	38.04	-2,158.99	1,046.64	667.36	598.17	69.19	9.646		
6,400.00	6,071.48	6,343.50	5,809.44	38.44	43.02	37.95	-2,198.27	1,066.23	680.11	609.77	70.34	9.669		
6,500.00	6,165.55	6,442.68	5,898.38	39.08	43.77	37.86	-2,237.55	1,085.83	692.86	621.37	71.49	9.692		
6,600.00	6,259.62	6,541.86	5,987.31	39.72	44.52	37.78	-2,276.83	1,105.42	705.62	632.98	72.64	9.714		
6,677.33	6,332.36	6,618.55	6,056.08	40.21	45.10	37.72	-2,307.21	1,120.57	715.48	641.95	73.53	9.730		
6,700.00	6,353.76	6,641.03	6,076.24	40.35	45.27	32.97	-2,316.11	1,125.01	718.35	644.57	73.78	9.736		
6,750.00	6,401.37	6,709.54	6,120.57	40.64	45.78	20.30	-2,335.69	1,134.78	724.50	650.12	74.38	9.741		
6,800.00	6,449.30	6,739.44	6,164.49	40.89	46.01	5.29	-2,355.09	1,144.45	730.44	655.81	74.64	9.787		
6,850.00	6,497.25	6,787.67	6,207.73	41.11	46.37	-10.22	-2,374.19	1,153.98	736.27	661.35	74.92	9.828		
6,900.00	6,544.95	6,834.84	6,250.03	41.29	46.73	-24.21	-2,392.87	1,163.30	742.11	667.00	75.11	9.880		
6,950.00	6,592.08	6,880.67	6,291.13	41.45	47.07	-35.74	-2,411.02	1,172.36	748.18	672.94	75.24	9.944		
7,000.00	6,638.35	6,924.88	6,330.77	41.58	47.41	-44.88	-2,428.53	1,181.09	754.68	679.37	75.31	10.021		
7,050.00	6,683.50	6,967.19	6,368.71	41.70	47.73	-52.10	-2,445.29	1,189.45	761.88	686.53	75.35	10.112		
7,100.00	6,727.22	7,012.20	6,409.31	41.81	48.05	-57.98	-2,463.21	1,196.96	769.93	694.48	75.44	10.205		
7,150.00	6,769.26	7,059.55	6,452.42	41.92	48.36	-62.79	-2,482.23	1,201.45	778.74	703.12	75.62	10.298		
7,200.00	6,809.36	7,109.41	6,498.02	42.03	48.66	-66.82	-2,502.32	1,202.39	788.27	712.39	75.88	10.388		
7,250.00	6,847.27	7,162.23	6,546.26	42.15	48.92	-70.29	-2,523.56	1,199.13	798.42	722.23	76.19	10.479		
7,300.00	6,882.75	7,218.56	6,597.25	42.27	49.16	-73.34	-2,545.98	1,190.85	809.08	732.53	76.55	10.569		
7,350.00	6,915.58	7,279.04	6,651.03	42.41	49.36	-76.07	-2,569.59	1,176.52	820.10	743.19	76.91	10.663		
7,400.00	6,945.57	7,344.40	6,707.48	42.57	49.53	-78.57	-2,594.35	1,154.85	831.30	754.04	77.26	10.760		
7,450.00	6,972.53	7,415.50	6,766.22	42.75	49.67	-80.89	-2,620.06	1,124.25	842.43	764.88	77.55	10.863		
7,500.00	6,996.30	7,493.19	6,826.42	42.95	49.80	-83.05	-2,646.37	1,082.86	853.22	775.43	77.80	10.967		
7,550.00	7,016.72	7,578.30	6,886.55	43.17	49.92	-85.04	-2,672.57	1,028.73	863.33	785.28	78.06	11.061		
7,600.00	7,033.66	7,671.39	6,944.13	43.43	50.06	-86.83	-2,697.58	960.09	872.36	793.90	78.47	11.117		
7,650.00	7,047.04	7,772.52	6,995.59	43.72	50.24	-88.35	-2,719.81	876.05	879.89	800.61	79.27	11.099		
7,700.00	7,056.76	7,880.89	7,036.51	44.05	50.51	-89.49	-2,737.32	777.39	885.47	804.71	80.76	10.964		
7,750.00	7,062.76	7,994.63	7,062.37	44.41	50.89	-90.17	-2,748.14	667.32	888.75	805.61	83.14	10.690		
7,799.36	7,065.00	8,100.69	7,070.03	44.81	51.37	-90.32	-2,750.96	561.68	889.53	803.51	86.02	10.341		
7,900.00	7,065.83	8,201.33	7,070.56	45.73	51.95	-90.30	-2,750.66	461.05	889.45	800.81	88.63	10.035		
8,000.00	7,066.66	8,301.33	7,071.08	46.83	52.65	-90.28	-2,750.37	361.05	889.36	797.84	91.52	9.718		
8,100.00	7,067.49	8,401.33	7,071.60	48.11	53.50	-90.26	-2,750.08	261.05	889.28	794.61	94.66	9.394		
8,200.00	7,068.31	8,501.33	7,072.13	49.55	54.52	-90.25	-2,749.79	161.05	889.19	791.15	98.04	9.070		
8,300.00	7,069.14	8,601.33	7,072.65	51.14	55.71	-90.23	-2,749.49	61.05	889.11	787.48	101.63	8.748		
8,400.00	7,069.96	8,701.33	7,073.17	52.86	57.06	-90.21	-2,749.20	-38.94	889.02	783.62	105.41	8.434		
8,500.00	7,070.79	8,801.33	7,073.70	54.70	58.57	-90.19	-2,748.91	-138.94	888.94	779.58	109.35	8.129		
8,600.00	7,071.61	8,901.33	7,074.22	56.64	60.23	-90.17	-2,748.61	-238.94	888.85	775.40	113.45	7.835		
8,700.00	7,072.44	9,001.33	7,074.74	58.68	62.01	-90.15	-2,748.32	-338.94	888.77	771.08	117.69	7.552		
8,800.00	7,073.27	9,101.33	7,075.27	60.78	63.91	-90.13	-2,748.03	-438.93	888.68	766.64	122.04	7.282		
8,900.00	7,074.09	9,201.33	7,075.79	62.96	65.90	-90.11	-2,747.74	-538.93	888.60	762.09	126.51	7.024		

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

Offset Design Falken 9-11 PAD - Falken 31N-14B-S - OH - Plan #1													Offset Site Error: 0.00 ft	
Survey Program: 0-MWD+IFR1													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
9,000.00	7,074.92	9,301.33	7,076.31	65.19	67.97	-90.09	-2,747.44	-638.93	888.52	757.45	131.07	6.779		
9,100.00	7,075.74	9,401.33	7,076.83	67.48	70.12	-90.07	-2,747.15	-738.93	888.43	752.71	135.72	6.546		
9,200.00	7,076.57	9,501.33	7,077.36	69.82	72.33	-90.05	-2,746.86	-838.92	888.35	747.90	140.45	6.325		
9,300.00	7,077.40	9,601.33	7,077.88	72.19	74.60	-90.03	-2,746.57	-938.92	888.26	743.01	145.25	6.115		
9,400.00	7,078.22	9,701.33	7,078.40	74.61	76.91	-90.01	-2,746.27	-1,038.92	888.18	738.06	150.12	5.916		
9,500.00	7,079.05	9,801.33	7,078.93	77.05	79.27	-89.99	-2,745.98	-1,138.92	888.10	733.05	155.05	5.728		
9,600.00	7,079.87	9,901.33	7,079.45	79.53	81.67	-89.97	-2,745.69	-1,238.92	888.01	727.99	160.03	5.549		
9,700.00	7,080.70	10,001.33	7,079.97	82.03	84.10	-89.95	-2,745.39	-1,338.91	887.93	722.88	165.05	5.380		
9,800.00	7,081.53	10,101.33	7,080.50	84.55	86.56	-89.93	-2,745.10	-1,438.91	887.85	717.72	170.12	5.219		
9,900.00	7,082.35	10,201.32	7,081.02	87.10	89.04	-89.91	-2,744.81	-1,538.91	887.76	712.53	175.24	5.066		
10,000.00	7,083.18	10,301.32	7,081.54	89.67	91.55	-89.89	-2,744.52	-1,638.91	887.68	707.30	180.38	4.921		
10,100.00	7,084.00	10,401.32	7,082.07	92.25	94.09	-89.87	-2,744.22	-1,738.90	887.60	702.03	185.57	4.783		
10,200.00	7,084.83	10,501.32	7,082.59	94.86	96.64	-89.85	-2,743.93	-1,838.90	887.52	696.74	190.78	4.652		
10,300.00	7,085.65	10,601.32	7,083.11	97.47	99.22	-89.84	-2,743.64	-1,938.90	887.43	691.41	196.02	4.527		
10,400.00	7,086.48	10,701.32	7,083.63	100.10	101.81	-89.82	-2,743.35	-2,038.90	887.35	686.06	201.29	4.408		
10,500.00	7,087.31	10,801.32	7,084.16	102.75	104.41	-89.80	-2,743.05	-2,138.89	887.27	680.69	206.58	4.295		
10,600.00	7,088.13	10,901.32	7,084.68	105.40	107.03	-89.78	-2,742.76	-2,238.89	887.18	675.29	211.90	4.187		
10,700.00	7,088.96	11,001.32	7,085.20	108.07	109.66	-89.76	-2,742.47	-2,338.89	887.10	669.87	217.23	4.084		
10,800.00	7,089.78	11,101.32	7,085.73	110.75	112.31	-89.74	-2,742.17	-2,438.89	887.02	664.43	222.59	3.985		
10,900.00	7,090.61	11,201.32	7,086.25	113.43	114.96	-89.72	-2,741.88	-2,538.89	886.94	658.98	227.96	3.891		
11,000.00	7,091.44	11,301.32	7,086.77	116.13	117.63	-89.70	-2,741.59	-2,638.88	886.86	653.51	233.35	3.801		
11,100.00	7,092.26	11,401.32	7,087.30	118.83	120.30	-89.68	-2,741.30	-2,738.88	886.77	648.02	238.75	3.714		
11,200.00	7,093.09	11,501.32	7,087.82	121.54	122.99	-89.66	-2,741.00	-2,838.88	886.69	642.52	244.17	3.631		
11,300.00	7,093.91	11,601.32	7,088.34	124.25	125.68	-89.64	-2,740.71	-2,938.88	886.61	637.00	249.61	3.552		
11,400.00	7,094.74	11,701.32	7,088.86	126.98	128.38	-89.62	-2,740.42	-3,038.87	886.53	631.48	255.05	3.476		
11,500.00	7,095.57	11,801.32	7,089.39	129.70	131.09	-89.60	-2,740.13	-3,138.87	886.45	625.94	260.51	3.403		
11,600.00	7,096.39	11,901.32	7,089.91	132.44	133.80	-89.58	-2,739.83	-3,238.87	886.37	620.39	265.98	3.332		
11,700.00	7,097.22	12,001.32	7,090.43	135.18	136.52	-89.56	-2,739.54	-3,338.87	886.28	614.83	271.46	3.265		
11,800.00	7,098.04	12,101.32	7,090.96	137.92	139.25	-89.54	-2,739.25	-3,438.87	886.20	609.26	276.95	3.200		
11,900.00	7,098.87	12,201.31	7,091.48	140.67	141.98	-89.52	-2,738.95	-3,538.86	886.12	603.68	282.45	3.137		
12,000.00	7,099.69	12,301.31	7,092.00	143.43	144.72	-89.50	-2,738.66	-3,638.86	886.04	598.09	287.95	3.077		
12,100.00	7,100.52	12,401.31	7,092.53	146.19	147.46	-89.48	-2,738.37	-3,738.86	885.96	592.49	293.47	3.019		
12,200.00	7,101.35	12,501.31	7,093.05	148.95	150.20	-89.46	-2,738.08	-3,838.86	885.88	586.89	298.99	2.963		
12,300.00	7,102.17	12,601.31	7,093.57	151.71	152.95	-89.44	-2,737.78	-3,938.85	885.80	581.28	304.52	2.909		
12,400.00	7,103.00	12,701.31	7,094.10	154.48	155.71	-89.42	-2,737.49	-4,038.85	885.72	575.66	310.06	2.857		
12,500.00	7,103.82	12,801.31	7,094.62	157.26	158.47	-89.40	-2,737.20	-4,138.85	885.64	570.03	315.61	2.806		
12,600.00	7,104.65	12,901.31	7,095.14	160.03	161.23	-89.38	-2,736.91	-4,238.85	885.56	564.40	321.16	2.757		
12,700.00	7,105.48	13,001.31	7,095.66	162.81	164.00	-89.36	-2,736.61	-4,338.84	885.48	558.77	326.71	2.710		
12,800.00	7,106.30	13,101.31	7,096.19	165.59	166.77	-89.35	-2,736.32	-4,438.84	885.40	553.12	332.27	2.665		
12,900.00	7,107.13	13,201.31	7,096.71	168.38	169.54	-89.33	-2,736.03	-4,538.84	885.32	547.48	337.84	2.621		
12,957.04	7,107.60	13,258.35	7,097.01	169.97	171.12	-89.31	-2,735.86	-4,595.87	885.27	544.25	341.02	2.596 SF		
13,000.00	7,107.95	13,256.62	7,097.00	171.16	171.07	-89.31	-2,735.87	-4,594.15	886.37	545.20	341.17	2.598		
13,100.00	7,108.78	13,256.62	7,097.00	173.95	171.07	-89.31	-2,735.87	-4,594.15	896.91	558.07	338.84	2.647		
13,200.00	7,109.61	13,256.62	7,097.00	176.74	171.07	-89.31	-2,735.87	-4,594.15	918.28	585.40	332.88	2.759		
13,300.00	7,110.43	13,256.62	7,097.00	179.54	171.07	-89.31	-2,735.87	-4,594.15	949.75	625.77	323.99	2.931		
13,368.87	7,111.00	13,256.62	7,097.00	181.46	171.07	-89.31	-2,735.87	-4,594.15	976.81	660.21	316.60	3.085		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.53	179.96	1.67	179.97					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	179.96	1.67	179.97	173.40	6.57	27.395		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	179.96	1.67	179.97	173.30	6.67	26.966 CC, ES		
300.00	299.98	297.37	297.35	3.44	3.44	-143.64	180.65	3.17	182.10	175.21	6.88	26.457		
400.00	399.84	394.47	394.32	3.59	3.59	-143.12	182.69	7.68	188.48	181.29	7.19	26.206		
500.00	499.45	491.01	490.51	3.79	3.79	-142.31	186.07	15.11	199.12	191.52	7.60	26.214		
600.00	598.70	586.75	585.58	4.04	4.02	-141.31	190.75	25.40	214.00	205.92	8.08	26.485		
700.00	697.47	681.43	679.16	4.32	4.29	-140.20	196.66	38.41	233.11	224.48	8.63	27.001		
800.00	795.62	774.81	770.96	4.65	4.58	-139.03	203.74	53.99	256.40	247.16	9.24	27.734		
900.00	893.06	868.76	862.78	5.01	4.90	-137.90	211.97	72.10	283.64	273.74	9.90	28.637		
1,000.00	989.64	964.15	955.92	5.41	5.26	-137.22	220.50	90.87	313.60	302.98	10.62	29.536		
1,100.00	1,085.27	1,058.75	1,048.28	5.85	5.63	-136.96	228.96	109.48	346.00	334.63	11.37	30.433		
1,191.50	1,171.82	1,144.50	1,132.01	6.29	5.98	-136.99	236.63	126.35	377.76	365.67	12.09	31.250		
1,200.00	1,179.82	1,152.43	1,139.75	6.34	6.01	-137.05	237.33	127.91	380.81	368.65	12.16	31.315		
1,300.00	1,273.89	1,245.70	1,230.82	6.85	6.41	-137.65	245.67	146.26	416.66	403.69	12.97	32.129		
1,400.00	1,367.96	1,338.98	1,321.88	7.38	6.81	-138.15	254.01	164.61	452.54	438.74	13.80	32.789		
1,500.00	1,462.03	1,432.25	1,412.95	7.93	7.23	-138.58	262.35	182.96	488.44	473.79	14.66	33.326		
1,600.00	1,556.10	1,525.52	1,504.02	8.49	7.65	-138.95	270.69	201.31	524.37	508.84	15.53	33.765		
1,700.00	1,650.17	1,618.79	1,595.09	9.06	8.08	-139.28	279.03	219.66	560.32	543.90	16.42	34.128		
1,800.00	1,744.24	1,712.07	1,686.16	9.65	8.51	-139.56	287.37	238.01	596.27	578.96	17.32	34.430		
1,900.00	1,838.31	1,805.34	1,777.23	10.23	8.95	-139.81	295.71	256.36	632.24	614.01	18.23	34.681		
2,000.00	1,932.38	1,901.39	1,868.30	10.83	9.40	-140.04	304.05	274.71	668.22	649.06	19.16	34.869		
2,100.00	2,026.45	2,008.12	1,959.37	11.43	9.91	-140.24	312.39	293.06	704.21	684.05	20.16	34.938		
2,200.00	2,120.52	2,085.16	2,050.44	12.03	10.28	-140.42	320.73	311.41	740.20	719.19	21.01	35.223		
2,300.00	2,214.59	2,178.43	2,141.50	12.63	10.73	-140.59	329.07	329.76	776.21	754.25	21.96	35.353		
2,400.00	2,308.66	2,271.70	2,232.57	13.24	11.18	-140.74	337.41	348.11	812.21	789.31	22.90	35.464		
2,500.00	2,402.73	2,364.98	2,323.64	13.86	11.63	-140.88	345.75	366.46	848.22	824.37	23.85	35.560		
2,600.00	2,496.80	2,458.25	2,414.71	14.47	12.09	-141.01	354.09	384.81	884.23	859.43	24.81	35.643		
2,700.00	2,590.87	2,551.52	2,505.78	15.09	12.54	-141.12	362.43	403.16	920.25	894.48	25.77	35.714		
2,800.00	2,684.95	2,644.79	2,596.85	15.71	13.00	-141.23	370.76	421.51	956.27	929.54	26.73	35.777		
2,900.00	2,779.02	2,738.07	2,687.92	16.33	13.46	-141.33	379.10	439.86	992.29	964.60	27.69	35.831		
3,000.00	2,873.09	2,831.34	2,778.99	16.95	13.92	-141.42	387.44	458.21	1,028.32	999.66	28.66	35.879		
3,100.00	2,967.16	2,924.61	2,870.05	17.57	14.38	-141.51	395.78	476.56	1,064.35	1,034.72	29.63	35.921		
3,200.00	3,061.23	3,017.88	2,961.12	18.20	14.84	-141.59	404.12	494.91	1,100.38	1,069.78	30.60	35.958		
3,300.00	3,155.30	3,111.16	3,052.19	18.82	15.31	-141.67	412.46	513.26	1,136.41	1,104.83	31.58	35.990		
3,400.00	3,249.37	3,204.43	3,143.26	19.45	15.77	-141.74	420.80	531.61	1,172.44	1,139.89	32.55	36.019		
3,500.00	3,343.44	3,302.30	3,234.33	20.07	16.26	-141.81	429.14	549.96	1,208.48	1,174.93	33.55	36.020		
3,600.00	3,437.51	3,390.98	3,325.40	20.70	16.70	-141.87	437.48	568.31	1,244.51	1,210.01	34.51	36.067		
3,700.00	3,531.58	3,484.25	3,416.47	21.33	17.17	-141.93	445.82	586.66	1,280.55	1,245.07	35.49	36.087		
3,800.00	3,625.65	3,577.52	3,507.54	21.96	17.63	-141.99	454.16	605.01	1,316.59	1,280.12	36.47	36.104		
3,900.00	3,719.72	3,670.79	3,598.61	22.59	18.10	-142.04	462.50	623.36	1,352.63	1,315.18	37.45	36.120		
4,000.00	3,813.79	3,764.07	3,689.67	23.22	18.57	-142.09	470.84	641.71	1,388.67	1,350.24	38.43	36.134		
4,100.00	3,907.86	3,857.34	3,780.74	23.85	19.04	-142.14	479.18	660.06	1,424.71	1,385.30	39.42	36.146		
4,200.00	4,001.93	3,950.61	3,871.81	24.48	19.50	-142.19	487.52	678.41	1,460.75	1,420.35	40.40	36.157		
4,300.00	4,096.00	4,043.88	3,962.88	25.11	19.97	-142.23	495.86	696.76	1,496.80	1,455.41	41.39	36.167		
4,400.00	4,190.07	4,137.16	4,053.95	25.75	20.44	-142.27	504.19	715.11	1,532.84	1,490.47	42.37	36.175		
4,500.00	4,284.14	4,230.43	4,145.02	26.38	20.91	-142.31	512.53	733.46	1,568.88	1,525.52	43.36	36.183		
4,600.00	4,378.21	4,323.70	4,236.09	27.01	21.38	-142.35	520.87	751.81	1,604.93	1,560.58	44.35	36.189		
4,700.00	4,472.28	4,416.98	4,327.16	27.65	21.85	-142.38	529.21	770.16	1,640.98	1,595.64	45.34	36.195		
4,800.00	4,566.35	4,510.25	4,418.22	28.28	22.32	-142.42	537.55	788.51	1,677.02	1,630.70	46.33	36.201		
4,900.00	4,660.42	4,603.52	4,509.29	28.91	22.79	-142.45	545.89	806.86	1,713.07	1,665.75	47.32	36.205		
5,000.00	4,754.49	4,703.21	4,600.36	29.55	23.29	-142.48	554.23	825.21	1,749.12	1,700.78	48.34	36.185		

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

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

Offset Design Falken 9-11 PAD - Falken 32C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,809.93	4,691.43	30.18	23.83	-142.51	562.57	843.56	1,785.16	1,735.77	49.40	36.139		
5,200.00	4,942.63	4,883.34	4,782.50	30.82	24.20	-142.54	570.91	861.91	1,821.21	1,770.92	50.29	36.215		
5,300.00	5,036.70	4,976.61	4,873.57	31.45	24.67	-142.57	579.25	880.26	1,857.26	1,805.98	51.28	36.218		
5,400.00	5,130.77	5,069.88	4,964.64	32.09	25.14	-142.60	587.59	898.61	1,893.31	1,841.04	52.27	36.220		
5,500.00	5,224.84	5,163.16	5,055.71	32.72	25.61	-142.62	595.93	916.96	1,929.36	1,876.09	53.27	36.222		
5,600.00	5,318.91	5,256.43	5,146.78	33.36	26.09	-142.65	604.27	935.31	1,965.41	1,911.15	54.26	36.223		
5,700.00	5,412.98	5,349.70	5,237.84	33.99	26.56	-142.67	612.61	953.66	2,001.46	1,946.20	55.25	36.224		
5,800.00	5,507.06	5,442.98	5,328.91	34.63	27.03	-142.70	620.95	972.01	2,037.51	1,981.26	56.25	36.225		
5,900.00	5,601.13	5,536.25	5,419.98	35.26	27.50	-142.72	629.29	990.36	2,073.56	2,016.32	57.24	36.225		
6,000.00	5,695.20	5,629.52	5,511.05	35.90	27.97	-142.74	637.63	1,008.71	2,109.61	2,051.37	58.24	36.226		
6,100.00	5,789.27	5,722.79	5,602.12	36.54	28.45	-142.76	645.96	1,027.06	2,145.66	2,086.43	59.23	36.226		
6,200.00	5,883.34	5,816.07	5,693.19	37.17	28.92	-142.78	654.30	1,045.41	2,181.71	2,121.48	60.23	36.226		
6,300.00	5,977.41	5,909.34	5,784.26	37.81	29.39	-142.80	662.64	1,063.76	2,217.76	2,156.54	61.22	36.225		
6,400.00	6,071.48	6,002.61	5,875.33	38.44	29.86	-142.82	670.98	1,082.11	2,253.81	2,191.60	62.22	36.225		
6,500.00	6,165.55	6,095.88	5,966.39	39.08	30.34	-142.84	679.32	1,100.46	2,289.86	2,226.65	63.21	36.224		
6,600.00	6,259.62	6,189.16	6,057.46	39.72	30.81	-142.86	687.66	1,118.81	2,325.92	2,261.71	64.21	36.224		
6,677.33	6,332.36	6,261.28	6,127.89	40.21	31.17	-142.87	694.11	1,133.00	2,353.79	2,288.81	64.98	36.223		
6,700.00	6,353.76	6,282.42	6,148.52	40.35	31.28	-148.61	696.00	1,137.16	2,361.99	2,296.78	65.20	36.224		
6,750.00	6,401.37	6,328.87	6,193.88	40.64	31.52	-163.17	700.15	1,146.30	2,380.13	2,314.45	65.69	36.235		
6,800.00	6,449.30	6,374.87	6,238.78	40.89	31.75	-179.66	704.27	1,155.35	2,398.32	2,332.17	66.15	36.257		
6,850.00	6,497.25	6,420.12	6,282.97	41.11	31.98	163.73	708.31	1,164.25	2,416.47	2,349.88	66.59	36.288		
6,900.00	6,544.95	6,464.34	6,326.15	41.29	32.20	148.97	712.27	1,172.95	2,434.53	2,367.50	67.02	36.324		
6,950.00	6,592.08	6,507.27	6,368.06	41.45	32.42	136.95	716.10	1,181.39	2,452.44	2,384.99	67.44	36.362		
7,000.00	6,638.35	6,548.65	6,408.46	41.58	32.63	127.53	719.80	1,189.53	2,470.17	2,402.31	67.86	36.400		
7,050.00	6,683.50	6,588.20	6,447.08	41.70	32.83	120.18	723.34	1,197.32	2,487.71	2,419.43	68.28	36.435		
7,100.00	6,727.22	6,625.70	6,483.70	41.81	33.02	114.37	726.69	1,204.69	2,505.04	2,436.35	68.69	36.466		
7,150.00	6,769.26	6,667.48	6,524.69	41.92	33.22	109.76	730.45	1,211.73	2,522.12	2,452.95	69.17	36.463		
7,200.00	6,809.36	6,711.90	6,568.69	42.03	33.42	106.04	734.48	1,216.25	2,538.84	2,469.15	69.68	36.435		
7,250.00	6,847.27	6,759.15	6,615.72	42.15	33.61	103.00	738.79	1,217.65	2,555.10	2,484.87	70.23	36.383		
7,300.00	6,882.75	6,809.94	6,666.22	42.27	33.80	100.51	743.42	1,215.26	2,570.82	2,500.00	70.82	36.302		
7,350.00	6,915.58	6,865.17	6,720.74	42.41	34.00	98.49	748.43	1,208.07	2,585.89	2,514.42	71.46	36.184		
7,400.00	6,945.57	6,926.02	6,779.82	42.57	34.22	96.89	753.85	1,194.70	2,600.20	2,528.03	72.18	36.024		
7,450.00	6,972.53	6,993.97	6,843.96	42.75	34.48	95.66	759.75	1,173.16	2,613.63	2,540.66	72.97	35.819		
7,500.00	6,996.30	7,070.89	6,913.34	42.95	34.80	94.79	766.13	1,140.65	2,626.01	2,552.17	73.84	35.563		
7,550.00	7,016.72	7,158.99	6,987.32	43.17	35.22	94.23	772.94	1,093.43	2,637.15	2,562.34	74.81	35.251		
7,600.00	7,033.66	7,600.00	7,048.38	43.43	37.73	93.74	778.57	1,041.50	2,646.78	2,568.91	77.87	33.990		
7,650.00	7,047.04	7,377.42	7,137.03	43.72	36.58	93.90	786.76	936.45	2,654.65	2,577.43	77.23	34.375		
7,700.00	7,056.76	7,509.42	7,198.62	44.05	37.71	93.95	792.48	820.11	2,660.39	2,581.57	78.82	33.752		
7,750.00	7,062.76	7,653.14	7,236.99	44.41	39.24	93.96	796.09	681.97	2,663.68	2,582.89	80.79	32.970		
7,799.36	7,065.00	7,768.90	7,245.02	44.81	40.64	93.87	796.89	566.64	2,664.43	2,581.76	82.67	32.230		
7,900.00	7,065.83	7,869.54	7,245.20	45.73	42.01	93.86	796.97	466.00	2,664.25	2,578.88	85.37	31.208		
8,000.00	7,066.66	7,969.54	7,245.38	46.83	43.50	93.85	797.05	366.00	2,664.08	2,575.75	88.33	30.160		
8,100.00	7,067.49	8,069.54	7,245.56	48.11	45.13	93.83	797.13	266.01	2,663.90	2,572.35	91.55	29.097		
8,200.00	7,068.31	8,169.53	7,245.73	49.55	46.88	93.82	797.20	166.01	2,663.73	2,568.72	95.01	28.037		
8,300.00	7,069.14	8,269.53	7,245.91	51.14	48.73	93.80	797.28	66.01	2,663.55	2,564.88	98.67	26.994		
8,400.00	7,069.96	8,369.53	7,246.09	52.86	50.68	93.79	797.36	-33.99	2,663.38	2,560.85	102.53	25.978		
8,500.00	7,070.79	8,469.53	7,246.27	54.70	52.71	93.78	797.44	-133.98	2,663.20	2,556.66	106.55	24.996		
8,600.00	7,071.61	8,569.52	7,246.44	56.64	54.82	93.76	797.51	-233.98	2,663.03	2,552.32	110.71	24.053		
8,700.00	7,072.44	8,669.52	7,246.62	58.68	56.99	93.75	797.59	-333.98	2,662.86	2,547.84	115.01	23.152		
8,800.00	7,073.27	8,769.52	7,246.80	60.78	59.22	93.74	797.67	-433.98	2,662.68	2,543.25	119.43	22.294		
8,900.00	7,074.09	8,869.52	7,246.97	62.96	61.50	93.72	797.75	-533.97	2,662.51	2,538.55	123.96	21.479		
9,000.00	7,074.92	8,969.52	7,247.15	65.19	63.83	93.71	797.82	-633.97	2,662.33	2,533.76	128.58	20.706		

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

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

Offset Design Falken 9-11 PAD - Falken 32C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Reference (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,100.00	7,075.74	9,069.51	7,247.33	67.48	66.20	93.69		797.90	-733.97	2,662.16	2,528.88	133.28	19.974	
9,200.00	7,076.57	9,169.51	7,247.51	69.82	68.61	93.68		797.98	-833.97	2,661.99	2,523.93	138.06	19.282	
9,300.00	7,077.40	9,269.51	7,247.68	72.19	71.06	93.67		798.06	-933.97	2,661.81	2,518.91	142.91	18.626	
9,400.00	7,078.22	9,369.51	7,247.86	74.61	73.53	93.65		798.13	-1,033.96	2,661.64	2,513.83	147.82	18.006	
9,500.00	7,079.05	9,469.50	7,248.04	77.05	76.03	93.64		798.21	-1,133.96	2,661.47	2,508.69	152.78	17.420	
9,600.00	7,079.87	9,569.50	7,248.21	79.53	78.55	93.63		798.29	-1,233.96	2,661.30	2,503.50	157.80	16.865	
9,700.00	7,080.70	9,669.50	7,248.39	82.03	81.10	93.61		798.37	-1,333.96	2,661.12	2,498.26	162.86	16.340	
9,800.00	7,081.53	9,769.50	7,248.57	84.55	83.67	93.60		798.44	-1,433.95	2,660.95	2,492.99	167.96	15.842	
9,900.00	7,082.35	9,869.50	7,248.75	87.10	86.25	93.58		798.52	-1,533.95	2,660.78	2,487.68	173.10	15.371	
10,000.00	7,083.18	9,969.49	7,248.92	89.67	88.86	93.57		798.60	-1,633.95	2,660.61	2,482.33	178.28	14.924	
10,100.00	7,084.00	10,069.49	7,249.10	92.25	91.48	93.56		798.68	-1,733.95	2,660.44	2,476.95	183.49	14.499	
10,200.00	7,084.83	10,169.49	7,249.28	94.86	94.11	93.54		798.75	-1,833.94	2,660.26	2,471.54	188.73	14.096	
10,300.00	7,085.65	10,269.49	7,249.45	97.47	96.75	93.53		798.83	-1,933.94	2,660.09	2,466.10	193.99	13.712	
10,400.00	7,086.48	10,369.48	7,249.63	100.10	99.41	93.52		798.91	-2,033.94	2,659.92	2,460.64	199.28	13.348	
10,500.00	7,087.31	10,469.48	7,249.81	102.75	102.08	93.50		798.99	-2,133.94	2,659.75	2,455.16	204.59	13.000	
10,600.00	7,088.13	10,569.48	7,249.99	105.40	104.76	93.49		799.06	-2,233.93	2,659.58	2,449.65	209.93	12.669	
10,700.00	7,088.96	10,669.48	7,250.16	108.07	107.44	93.47		799.14	-2,333.93	2,659.41	2,444.13	215.28	12.353	
10,800.00	7,089.78	10,769.48	7,250.34	110.75	110.14	93.46		799.22	-2,433.93	2,659.24	2,438.59	220.65	12.052	
10,900.00	7,090.61	10,869.47	7,250.52	113.43	112.85	93.45		799.30	-2,533.93	2,659.07	2,433.03	226.04	11.764	
11,000.00	7,091.44	10,969.47	7,250.69	116.13	115.56	93.43		799.37	-2,633.92	2,658.90	2,427.46	231.44	11.488	
11,100.00	7,092.26	11,069.47	7,250.87	118.83	118.28	93.42		799.45	-2,733.92	2,658.73	2,421.87	236.86	11.225	
11,200.00	7,093.09	11,169.47	7,251.05	121.54	121.00	93.41		799.53	-2,833.92	2,658.56	2,416.27	242.29	10.973	
11,300.00	7,093.91	11,269.47	7,251.23	124.25	123.73	93.39		799.61	-2,933.92	2,658.39	2,410.65	247.74	10.731	
11,400.00	7,094.74	11,369.46	7,251.40	126.98	126.47	93.38		799.68	-3,033.92	2,658.22	2,405.03	253.19	10.499	
11,500.00	7,095.57	11,469.46	7,251.58	129.70	129.21	93.36		799.76	-3,133.91	2,658.05	2,399.39	258.66	10.276	
11,600.00	7,096.39	11,569.46	7,251.76	132.44	131.96	93.35		799.84	-3,233.91	2,657.88	2,393.74	264.14	10.062	
11,700.00	7,097.22	11,669.46	7,251.93	135.18	134.71	93.34		799.92	-3,333.91	2,657.71	2,388.08	269.63	9.857	
11,800.00	7,098.04	11,769.45	7,252.11	137.92	137.47	93.32		799.99	-3,433.91	2,657.54	2,382.42	275.12	9.659	
11,900.00	7,098.87	11,869.45	7,252.29	140.67	140.23	93.31		800.07	-3,533.90	2,657.37	2,376.74	280.63	9.469	
12,000.00	7,099.69	11,969.45	7,252.47	143.43	143.00	93.30		800.15	-3,633.90	2,657.20	2,371.06	286.14	9.286	
12,100.00	7,100.52	12,069.45	7,252.64	146.19	145.76	93.28		800.23	-3,733.90	2,657.03	2,365.37	291.67	9.110	
12,200.00	7,101.35	12,169.45	7,252.82	148.95	148.54	93.27		800.30	-3,833.90	2,656.86	2,359.67	297.20	8.940	
12,300.00	7,102.17	12,269.44	7,253.00	151.71	151.31	93.25		800.38	-3,933.89	2,656.70	2,353.96	302.73	8.776	
12,400.00	7,103.00	12,369.44	7,253.17	154.48	154.09	93.24		800.46	-4,033.89	2,656.53	2,348.25	308.28	8.617	
12,500.00	7,103.82	12,469.44	7,253.35	157.26	156.87	93.23		800.54	-4,133.89	2,656.36	2,342.53	313.83	8.464	
12,600.00	7,104.65	12,569.44	7,253.53	160.03	159.66	93.21		800.61	-4,233.89	2,656.19	2,336.81	319.38	8.317	
12,700.00	7,105.48	12,669.43	7,253.71	162.81	162.44	93.20		800.69	-4,333.88	2,656.02	2,331.08	324.94	8.174	
12,800.00	7,106.30	12,769.43	7,253.88	165.59	165.23	93.18		800.77	-4,433.88	2,655.86	2,325.35	330.51	8.036	
12,900.00	7,107.13	12,869.43	7,254.06	168.38	168.02	93.17		800.85	-4,533.88	2,655.69	2,319.61	336.08	7.902	
13,000.00	7,107.95	12,969.43	7,254.24	171.16	170.82	93.16		800.92	-4,633.88	2,655.52	2,313.86	341.66	7.772	
13,100.00	7,108.78	13,069.43	7,254.41	173.95	173.61	93.14		801.00	-4,733.87	2,655.35	2,308.12	347.24	7.647	
13,200.00	7,109.61	13,169.42	7,254.59	176.74	176.41	93.13		801.08	-4,833.87	2,655.19	2,302.36	352.82	7.526	
13,300.00	7,110.43	13,269.42	7,254.77	179.54	179.21	93.12		801.16	-4,933.87	2,655.02	2,296.61	358.41	7.408	
13,368.87	7,111.00	13,338.29	7,254.89	181.46	181.14	93.11		801.21	-5,002.73	2,654.91	2,292.64	362.26	7.329 SF	

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

Offset Design Falken 9-11 PAD - Falken 32N-9B-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.58	165.03	1.67	165.04					
100.00	100.00	100.00	100.00	3.28	3.28	0.58	165.03	1.67	165.04	158.47	6.57	25.122		
200.00	200.00	200.00	200.00	3.34	3.34	0.58	165.03	1.67	165.04	158.37	6.67	24.728 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	-144.11	165.03	1.67	166.45	159.56	6.89	24.175		
400.00	399.84	398.12	398.10	3.59	3.60	-144.53	165.54	3.27	171.22	164.03	7.19	23.807		
500.00	499.45	495.97	495.82	3.79	3.79	-144.48	167.05	8.06	179.84	172.25	7.59	23.698		
600.00	598.70	593.30	592.79	4.04	4.03	-144.02	169.54	15.98	192.29	184.22	8.07	23.837		
700.00	697.47	689.88	688.68	4.32	4.29	-143.25	173.00	26.93	208.55	199.94	8.61	24.211		
800.00	795.62	785.49	783.17	4.65	4.58	-142.25	177.37	40.81	228.62	219.40	9.22	24.792		
900.00	893.06	879.93	875.98	5.01	4.90	-141.12	182.62	57.46	252.47	242.59	9.88	25.549		
1,000.00	989.64	974.67	968.55	5.41	5.25	-140.00	188.68	76.67	279.91	269.32	10.59	26.428		
1,100.00	1,085.27	1,070.01	1,061.63	5.85	5.61	-139.33	194.87	96.32	310.06	298.71	11.35	27.320		
1,191.50	1,171.82	1,156.51	1,146.10	6.29	5.96	-139.07	200.49	114.15	339.85	327.77	12.07	28.145		
1,200.00	1,179.82	1,164.51	1,153.91	6.34	6.00	-139.10	201.01	115.80	342.71	330.56	12.15	28.213		
1,300.00	1,273.89	1,258.65	1,245.82	6.85	6.39	-139.41	207.13	135.20	376.42	363.45	12.96	29.038		
1,400.00	1,367.96	1,352.78	1,337.72	7.38	6.80	-139.67	213.25	154.60	410.13	396.32	13.81	29.707		
1,500.00	1,462.03	1,446.91	1,429.63	7.93	7.22	-139.88	219.37	174.00	443.85	429.18	14.67	30.254		
1,600.00	1,556.10	1,541.04	1,521.54	8.49	7.64	-140.07	225.48	193.40	477.57	462.02	15.55	30.703		
1,700.00	1,650.17	1,635.17	1,613.44	9.06	8.07	-140.23	231.60	212.80	511.30	494.85	16.45	31.074		
1,800.00	1,744.24	1,729.30	1,705.35	9.65	8.51	-140.37	237.72	232.20	545.03	527.67	17.37	31.384		
1,900.00	1,838.31	1,823.43	1,797.26	10.23	8.95	-140.50	243.83	251.60	578.77	560.48	18.29	31.644		
2,000.00	1,932.38	1,917.56	1,889.17	10.83	9.40	-140.61	249.95	271.00	612.50	593.28	19.22	31.862		
2,100.00	2,026.45	2,011.70	1,981.07	11.43	9.85	-140.71	256.07	290.40	646.24	626.08	20.16	32.048		
2,200.00	2,120.52	2,105.83	2,072.98	12.03	10.30	-140.80	262.18	309.80	679.98	658.87	21.11	32.207		
2,300.00	2,214.59	2,199.96	2,164.89	12.63	10.75	-140.88	268.30	329.20	713.72	691.65	22.07	32.343		
2,400.00	2,308.66	2,305.91	2,256.79	13.24	11.27	-140.96	274.42	348.60	747.46	724.38	23.08	32.379		
2,500.00	2,402.73	2,388.22	2,348.70	13.86	11.67	-141.03	280.53	368.00	781.21	757.21	23.99	32.561		
2,600.00	2,496.80	2,482.35	2,440.61	14.47	12.13	-141.09	286.65	387.40	814.95	789.99	24.96	32.649		
2,700.00	2,590.87	2,576.48	2,532.51	15.09	12.59	-141.15	292.77	406.80	848.69	822.76	25.93	32.726		
2,800.00	2,684.95	2,670.61	2,624.42	15.71	13.06	-141.20	298.88	426.20	882.44	855.53	26.91	32.793		
2,900.00	2,779.02	2,764.74	2,716.33	16.33	13.52	-141.25	305.00	445.60	916.19	888.30	27.89	32.852		
3,000.00	2,873.09	2,858.88	2,808.23	16.95	13.99	-141.29	311.12	465.00	949.93	921.06	28.87	32.904		
3,100.00	2,967.16	2,953.01	2,900.14	17.57	14.46	-141.34	317.23	484.40	983.68	953.83	29.85	32.950		
3,200.00	3,061.23	3,047.14	2,992.05	18.20	14.93	-141.37	323.35	503.80	1,017.43	986.59	30.84	32.991		
3,300.00	3,155.30	3,141.27	3,083.96	18.82	15.40	-141.41	329.47	523.20	1,051.18	1,019.35	31.83	33.027		
3,400.00	3,249.37	3,235.40	3,175.86	19.45	15.87	-141.45	335.59	542.60	1,084.92	1,052.11	32.82	33.059		
3,500.00	3,343.44	3,329.53	3,267.77	20.07	16.34	-141.48	341.70	562.00	1,118.67	1,084.86	33.81	33.088		
3,600.00	3,437.51	3,423.66	3,359.68	20.70	16.81	-141.51	347.82	581.40	1,152.42	1,117.62	34.80	33.113		
3,700.00	3,531.58	3,517.79	3,451.58	21.33	17.28	-141.54	353.94	600.80	1,186.17	1,150.37	35.80	33.136		
3,800.00	3,625.65	3,611.92	3,543.49	21.96	17.75	-141.57	360.05	620.20	1,219.92	1,183.13	36.79	33.157		
3,900.00	3,719.72	3,706.06	3,635.40	22.59	18.23	-141.59	366.17	639.60	1,253.67	1,215.88	37.79	33.176		
4,000.00	3,813.79	3,800.19	3,727.30	23.22	18.70	-141.62	372.29	659.00	1,287.42	1,248.63	38.79	33.192		
4,100.00	3,907.86	3,905.68	3,819.21	23.85	19.23	-141.64	378.40	678.40	1,321.17	1,281.33	39.84	33.160		
4,200.00	4,001.93	3,988.45	3,911.12	24.48	19.65	-141.66	384.52	697.80	1,354.92	1,314.14	40.79	33.221		
4,300.00	4,096.00	4,082.58	4,003.03	25.11	20.13	-141.68	390.64	717.20	1,388.67	1,346.89	41.79	33.233		
4,400.00	4,190.07	4,176.71	4,094.93	25.75	20.60	-141.70	396.75	736.60	1,422.42	1,379.64	42.79	33.244		
4,500.00	4,284.14	4,270.84	4,186.84	26.38	21.08	-141.72	402.87	756.00	1,456.17	1,412.38	43.79	33.254		
4,600.00	4,378.21	4,364.97	4,278.75	27.01	21.55	-141.74	408.99	775.40	1,489.92	1,445.13	44.79	33.263		
4,700.00	4,472.28	4,459.11	4,370.65	27.65	22.03	-141.76	415.10	794.80	1,523.68	1,477.88	45.80	33.271		
4,800.00	4,566.35	4,553.24	4,462.56	28.28	22.51	-141.77	421.22	814.20	1,557.43	1,510.63	46.80	33.278		
4,900.00	4,660.42	4,647.37	4,554.47	28.91	22.99	-141.79	427.34	833.60	1,591.18	1,543.37	47.81	33.284		
5,000.00	4,754.49	4,741.50	4,646.37	29.55	23.46	-141.81	433.46	853.00	1,624.93	1,576.12	48.81	33.290		

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

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

Offset Design Falken 9-11 PAD - Falken 32N-9B-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,835.63	4,738.28	30.18	23.94	-141.82	439.57	872.40	1,658.68	1,608.86	49.82	33.296		
5,200.00	4,942.63	4,929.76	4,830.19	30.82	24.42	-141.84	445.69	891.80	1,692.43	1,641.61	50.82	33.300		
5,300.00	5,036.70	5,023.89	4,922.10	31.45	24.90	-141.85	451.81	911.20	1,726.19	1,674.35	51.83	33.305		
5,400.00	5,130.77	5,118.02	5,014.00	32.09	25.37	-141.86	457.92	930.60	1,759.94	1,707.10	52.84	33.309		
5,500.00	5,224.84	5,212.15	5,105.91	32.72	25.85	-141.87	464.04	950.00	1,793.69	1,739.84	53.85	33.312		
5,600.00	5,318.91	5,306.29	5,197.82	33.36	26.33	-141.89	470.16	969.40	1,827.44	1,772.59	54.85	33.315		
5,700.00	5,412.98	5,400.42	5,289.72	33.99	26.81	-141.90	476.27	988.80	1,861.19	1,805.33	55.86	33.318		
5,800.00	5,507.06	5,505.45	5,381.63	34.63	27.34	-141.91	482.39	1,008.20	1,894.94	1,838.02	56.93	33.288		
5,900.00	5,601.13	5,588.68	5,473.54	35.26	27.77	-141.92	488.51	1,027.60	1,928.70	1,870.82	57.88	33.322		
6,000.00	5,695.20	5,682.81	5,565.44	35.90	28.25	-141.93	494.62	1,047.00	1,962.45	1,903.56	58.89	33.324		
6,100.00	5,789.27	5,776.94	5,657.35	36.54	28.73	-141.94	500.74	1,066.40	1,996.20	1,936.30	59.90	33.326		
6,200.00	5,883.34	5,871.07	5,749.26	37.17	29.21	-141.95	506.86	1,085.80	2,029.95	1,969.04	60.91	33.327		
6,300.00	5,977.41	5,965.20	5,841.17	37.81	29.69	-141.96	512.97	1,105.20	2,063.71	2,001.79	61.92	33.328		
6,400.00	6,071.48	6,059.33	5,933.07	38.44	30.16	-141.97	519.09	1,124.60	2,097.46	2,034.53	62.93	33.329		
6,500.00	6,165.55	6,153.47	6,024.98	39.08	30.64	-141.98	525.21	1,144.00	2,131.21	2,067.27	63.94	33.330		
6,600.00	6,259.62	6,247.60	6,116.89	39.72	31.12	-141.99	531.32	1,163.40	2,164.96	2,100.01	64.95	33.330		
6,677.33	6,332.36	6,320.39	6,187.96	40.21	31.50	-141.99	536.05	1,178.41	2,191.06	2,125.33	65.74	33.331		
6,700.00	6,353.76	6,341.72	6,208.78	40.35	31.60	-147.67	537.44	1,182.80	2,198.74	2,132.77	65.96	33.332		
6,750.00	6,401.37	6,388.57	6,254.53	40.64	31.84	-162.10	540.49	1,192.46	2,215.80	2,149.34	66.45	33.343		
6,800.00	6,449.30	6,434.92	6,299.79	40.89	32.08	-178.47	543.50	1,202.01	2,232.97	2,166.04	66.92	33.366		
6,850.00	6,497.25	6,481.64	6,345.66	41.11	32.30	165.02	546.55	1,210.24	2,250.17	2,182.80	67.37	33.399		
6,900.00	6,544.95	6,529.12	6,392.77	41.29	32.51	150.28	549.68	1,215.14	2,267.30	2,199.51	67.80	33.442		
6,950.00	6,592.08	6,577.42	6,440.93	41.45	32.70	138.23	552.89	1,216.51	2,284.27	2,216.07	68.20	33.492		
7,000.00	6,638.35	6,626.65	6,489.98	41.58	32.89	128.74	556.15	1,214.13	2,300.97	2,232.37	68.61	33.539		
7,050.00	6,683.50	6,676.93	6,539.74	41.70	33.07	121.30	559.45	1,207.78	2,317.30	2,248.28	69.02	33.576		
7,100.00	6,727.22	6,728.37	6,589.97	41.81	33.26	115.40	562.79	1,197.24	2,333.16	2,263.71	69.45	33.595		
7,150.00	6,769.26	6,781.10	6,640.39	41.92	33.46	110.65	566.14	1,182.26	2,348.46	2,278.55	69.91	33.592		
7,200.00	6,809.36	6,835.21	6,690.68	42.03	33.68	106.75	569.47	1,162.59	2,363.09	2,292.68	70.41	33.563		
7,250.00	6,847.27	6,890.81	6,740.41	42.15	33.93	103.52	572.77	1,138.00	2,376.96	2,306.02	70.95	33.504		
7,300.00	6,882.75	6,947.98	6,789.12	42.27	34.20	100.82	576.00	1,108.28	2,389.98	2,318.44	71.53	33.410		
7,350.00	6,915.58	7,006.75	6,836.21	42.41	34.52	98.55	579.12	1,073.29	2,402.05	2,329.87	72.18	33.276		
7,400.00	6,945.57	7,067.16	6,881.05	42.57	34.88	96.65	582.08	1,032.95	2,413.09	2,340.19	72.91	33.099		
7,450.00	6,972.53	7,129.17	6,922.90	42.75	35.29	95.04	584.85	987.31	2,423.02	2,349.31	73.71	32.874		
7,500.00	6,996.30	7,192.71	6,960.97	42.95	35.77	93.71	587.36	936.53	2,431.76	2,357.16	74.60	32.599		
7,550.00	7,016.72	7,257.64	6,994.47	43.17	36.33	92.62	589.57	880.99	2,439.23	2,363.64	75.59	32.270		
7,600.00	7,033.66	7,323.76	7,022.60	43.43	36.96	91.74	591.42	821.21	2,445.38	2,368.70	76.69	31.888		
7,650.00	7,047.04	7,390.83	7,044.66	43.72	37.67	91.06	592.87	757.92	2,450.16	2,372.27	77.88	31.459		
7,700.00	7,056.76	7,458.54	7,060.07	44.05	38.45	90.56	593.87	692.03	2,453.52	2,374.34	79.18	30.987		
7,750.00	7,062.76	7,526.55	7,068.43	44.41	39.28	90.25	594.40	624.57	2,455.44	2,374.89	80.55	30.483		
7,799.36	7,065.00	7,587.72	7,070.00	44.81	40.07	90.12	594.48	563.43	2,455.93	2,374.03	81.90	29.987		
7,900.00	7,065.83	7,688.36	7,070.01	45.73	41.48	90.10	594.45	462.80	2,455.69	2,371.05	84.64	29.014		
8,000.00	7,066.66	7,788.35	7,070.02	46.83	43.02	90.08	594.42	362.80	2,455.44	2,367.80	87.64	28.017		
8,100.00	7,067.49	7,888.35	7,070.03	48.11	44.69	90.06	594.38	262.81	2,455.20	2,364.29	90.91	27.008		
8,200.00	7,068.31	7,988.35	7,070.04	49.55	46.48	90.04	594.35	162.81	2,454.96	2,360.55	94.41	26.004		
8,300.00	7,069.14	8,088.34	7,070.04	51.14	48.37	90.02	594.32	62.81	2,454.71	2,356.60	98.11	25.019		
8,400.00	7,069.96	8,188.34	7,070.05	52.86	50.36	90.00	594.28	-37.18	2,454.47	2,352.46	102.01	24.062		
8,500.00	7,070.79	8,288.34	7,070.06	54.70	52.42	89.98	594.25	-137.18	2,454.23	2,348.16	106.07	23.139		
8,600.00	7,071.61	8,388.33	7,070.07	56.64	54.56	89.96	594.21	-237.18	2,453.98	2,343.71	110.27	22.254		
8,700.00	7,072.44	8,488.33	7,070.08	58.68	56.76	89.94	594.18	-337.17	2,453.74	2,339.13	114.61	21.410		
8,800.00	7,073.27	8,588.32	7,070.09	60.78	59.02	89.92	594.15	-437.17	2,453.50	2,334.44	119.06	20.607		
8,900.00	7,074.09	8,688.32	7,070.10	62.96	61.33	89.91	594.11	-537.17	2,453.26	2,329.64	123.62	19.845		
9,000.00	7,074.92	8,788.32	7,070.11	65.19	63.68	89.89	594.08	-637.16	2,453.02	2,324.74	128.27	19.123		

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

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

Offset Design Falken 9-11 PAD - Falken 32N-9B-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Reference (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,100.00	7,075.74	8,888.31	7,070.12	67.48	66.07	89.87		594.05	-737.16	2,452.78	2,319.77	133.01	18.441	
9,200.00	7,076.57	8,988.31	7,070.12	69.82	68.50	89.85		594.01	-837.15	2,452.54	2,314.72	137.82	17.796	
9,300.00	7,077.40	9,088.31	7,070.13	72.19	70.96	89.83		593.98	-937.15	2,452.29	2,309.60	142.69	17.186	
9,400.00	7,078.22	9,188.30	7,070.14	74.61	73.45	89.81		593.95	-1,037.15	2,452.05	2,304.42	147.63	16.610	
9,500.00	7,079.05	9,288.30	7,070.15	77.05	75.97	89.79		593.91	-1,137.14	2,451.81	2,299.19	152.62	16.065	
9,600.00	7,079.87	9,388.30	7,070.16	79.53	78.51	89.77		593.88	-1,237.14	2,451.57	2,293.91	157.66	15.550	
9,700.00	7,080.70	9,488.29	7,070.17	82.03	81.07	89.75		593.84	-1,337.14	2,451.33	2,288.59	162.75	15.062	
9,800.00	7,081.53	9,588.29	7,070.18	84.55	83.65	89.73		593.81	-1,437.13	2,451.10	2,283.22	167.87	14.601	
9,900.00	7,082.35	9,688.29	7,070.19	87.10	86.25	89.71		593.78	-1,537.13	2,450.86	2,277.82	173.04	14.164	
10,000.00	7,083.18	9,788.28	7,070.20	89.67	88.86	89.70		593.74	-1,637.13	2,450.62	2,272.38	178.23	13.749	
10,100.00	7,084.00	9,888.28	7,070.20	92.25	91.49	89.68		593.71	-1,737.12	2,450.38	2,266.92	183.46	13.356	
10,200.00	7,084.83	9,988.27	7,070.21	94.86	94.13	89.66		593.68	-1,837.12	2,450.14	2,261.42	188.72	12.983	
10,300.00	7,085.65	10,088.27	7,070.22	97.47	96.79	89.64		593.64	-1,937.11	2,449.90	2,255.90	194.00	12.628	
10,400.00	7,086.48	10,188.27	7,070.23	100.10	99.45	89.62		593.61	-2,037.11	2,449.67	2,250.36	199.31	12.291	
10,500.00	7,087.31	10,288.26	7,070.24	102.75	102.13	89.60		593.57	-2,137.11	2,449.43	2,244.79	204.64	11.970	
10,600.00	7,088.13	10,388.26	7,070.25	105.40	104.82	89.58		593.54	-2,237.10	2,449.19	2,239.21	209.99	11.664	
10,700.00	7,088.96	10,488.26	7,070.26	108.07	107.51	89.56		593.51	-2,337.10	2,448.96	2,233.60	215.35	11.372	
10,800.00	7,089.78	10,588.25	7,070.27	110.75	110.21	89.54		593.47	-2,437.10	2,448.72	2,227.98	220.74	11.093	
10,900.00	7,090.61	10,688.25	7,070.27	113.43	112.93	89.52		593.44	-2,537.09	2,448.48	2,222.34	226.14	10.827	
11,000.00	7,091.44	10,788.25	7,070.28	116.13	115.64	89.50		593.41	-2,637.09	2,448.25	2,216.69	231.56	10.573	
11,100.00	7,092.26	10,888.24	7,070.29	118.83	118.37	89.48		593.37	-2,737.09	2,448.01	2,211.02	236.99	10.330	
11,200.00	7,093.09	10,988.24	7,070.30	121.54	121.10	89.47		593.34	-2,837.08	2,447.78	2,205.34	242.44	10.097	
11,300.00	7,093.91	11,088.23	7,070.31	124.25	123.84	89.45		593.30	-2,937.08	2,447.54	2,199.65	247.89	9.873	
11,400.00	7,094.74	11,188.23	7,070.32	126.98	126.58	89.43		593.27	-3,037.07	2,447.31	2,193.94	253.36	9.659	
11,500.00	7,095.57	11,288.23	7,070.33	129.70	129.33	89.41		593.24	-3,137.07	2,447.07	2,188.23	258.84	9.454	
11,600.00	7,096.39	11,388.22	7,070.34	132.44	132.08	89.39		593.20	-3,237.07	2,446.84	2,182.51	264.33	9.257	
11,700.00	7,097.22	11,488.22	7,070.35	135.18	134.84	89.37		593.17	-3,337.06	2,446.60	2,176.77	269.83	9.067	
11,800.00	7,098.04	11,588.22	7,070.35	137.92	137.60	89.35		593.14	-3,437.06	2,446.37	2,171.03	275.34	8.885	
11,900.00	7,098.87	11,688.21	7,070.36	140.67	140.36	89.33		593.10	-3,537.06	2,446.14	2,165.28	280.85	8.710	
12,000.00	7,099.69	11,788.21	7,070.37	143.43	143.13	89.31		593.07	-3,637.05	2,445.90	2,159.53	286.38	8.541	
12,100.00	7,100.52	11,888.21	7,070.38	146.19	145.90	89.29		593.04	-3,737.05	2,445.67	2,153.76	291.91	8.378	
12,200.00	7,101.35	11,988.20	7,070.39	148.95	148.68	89.27		593.00	-3,837.05	2,445.44	2,147.99	297.45	8.221	
12,300.00	7,102.17	12,088.20	7,070.40	151.71	151.46	89.25		592.97	-3,937.04	2,445.20	2,142.21	302.99	8.070	
12,400.00	7,103.00	12,188.19	7,070.41	154.48	154.24	89.24		592.93	-4,037.04	2,444.97	2,136.43	308.54	7.924	
12,500.00	7,103.82	12,288.19	7,070.42	157.26	157.02	89.22		592.90	-4,137.03	2,444.74	2,130.64	314.10	7.783	
12,600.00	7,104.65	12,388.19	7,070.43	160.03	159.81	89.20		592.87	-4,237.03	2,444.51	2,124.85	319.66	7.647	
12,700.00	7,105.48	12,488.18	7,070.43	162.81	162.60	89.18		592.83	-4,337.03	2,444.28	2,119.05	325.23	7.516	
12,800.00	7,106.30	12,588.18	7,070.44	165.59	165.39	89.16		592.80	-4,437.02	2,444.05	2,113.24	330.80	7.388	
12,900.00	7,107.13	12,688.18	7,070.45	168.38	168.19	89.14		592.77	-4,537.02	2,443.82	2,107.44	336.38	7.265	
13,000.00	7,107.95	12,788.17	7,070.46	171.16	170.98	89.12		592.73	-4,637.02	2,443.59	2,101.62	341.96	7.146	
13,100.00	7,108.78	12,888.17	7,070.47	173.95	173.78	89.10		592.70	-4,737.01	2,443.36	2,095.81	347.55	7.030	
13,200.00	7,109.61	12,988.17	7,070.48	176.74	176.58	89.08		592.66	-4,837.01	2,443.13	2,089.99	353.14	6.918	
13,300.00	7,110.43	13,088.16	7,070.49	179.54	179.39	89.06		592.63	-4,937.01	2,442.90	2,084.16	358.74	6.810	
13,368.87	7,111.00	13,157.02	7,070.49	181.46	181.32	89.05		592.61	-5,005.87	2,442.74	2,080.15	362.59	6.737 SF	

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

Offset Design Falken 9-11 PAD - Falken 33C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	0.53	89.98	0.83	89.99					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	89.98	0.83	89.99	83.42	6.57	13.698		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	89.98	0.83	89.99	83.31	6.67	13.483 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	-144.45	89.98	0.83	91.40	84.52	6.89	13.275		
400.00	399.84	401.38	401.36	3.59	3.60	-145.30	89.20	2.45	94.89	87.70	7.19	13.191		
500.00	499.45	502.84	502.67	3.79	3.80	-145.38	86.84	7.29	99.66	92.06	7.60	13.122		
600.00	598.70	604.29	603.72	4.04	4.04	-144.80	82.91	15.35	105.68	97.60	8.08	13.077		
700.00	697.47	705.71	704.35	4.32	4.32	-143.66	77.41	26.61	112.99	104.35	8.64	13.071		
800.00	795.62	807.04	804.39	4.65	4.63	-142.11	70.37	41.06	121.64	112.36	9.28	13.114		
900.00	893.06	908.23	903.67	5.01	4.98	-140.27	61.79	58.65	131.68	121.70	9.97	13.207		
1,000.00	989.64	1,008.02	1,001.02	5.41	5.36	-138.59	52.17	78.35	143.46	132.74	10.72	13.383		
1,100.00	1,085.27	1,106.97	1,097.51	5.85	5.76	-137.91	42.57	98.04	157.83	146.31	11.52	13.703		
1,191.50	1,171.82	1,202.85	1,185.46	6.29	6.17	-138.03	33.82	115.99	173.23	160.92	12.31	14.073		
1,200.00	1,179.82	1,205.51	1,193.61	6.34	6.18	-138.08	33.01	117.65	174.76	162.40	12.36	14.139		
1,300.00	1,273.89	1,303.86	1,289.52	6.85	6.61	-138.69	23.46	137.22	192.78	179.55	13.23	14.572		
1,400.00	1,367.96	1,402.20	1,385.42	7.38	7.05	-139.19	13.92	156.79	210.81	196.69	14.12	14.926		
1,500.00	1,462.03	1,500.55	1,481.33	7.93	7.50	-139.61	4.38	176.36	228.86	213.82	15.04	15.217		
1,600.00	1,556.10	1,601.11	1,577.23	8.49	7.97	-139.97	-5.17	195.92	246.91	230.93	15.98	15.448		
1,700.00	1,650.17	1,702.76	1,673.14	9.06	8.45	-140.28	-14.71	215.49	264.98	248.03	16.95	15.635		
1,800.00	1,744.24	1,804.42	1,769.04	9.65	8.94	-140.55	-24.26	235.06	283.05	265.12	17.92	15.791		
1,900.00	1,838.31	1,906.07	1,864.95	10.23	9.43	-140.79	-33.80	254.63	301.12	282.21	18.91	15.923		
2,000.00	1,932.38	2,007.73	1,960.86	10.83	9.93	-141.01	-43.34	274.20	319.20	299.30	19.91	16.034		
2,100.00	2,026.45	2,090.62	2,056.76	11.43	10.34	-141.19	-52.89	293.76	337.29	316.47	20.82	16.199		
2,200.00	2,120.52	2,188.97	2,152.67	12.03	10.83	-141.36	-62.43	313.33	355.38	333.56	21.82	16.289		
2,300.00	2,214.59	2,287.31	2,248.57	12.63	11.32	-141.52	-71.98	332.90	373.47	350.65	22.82	16.368		
2,400.00	2,308.66	2,385.66	2,344.48	13.24	11.81	-141.66	-81.52	352.47	391.56	367.74	23.82	16.437		
2,500.00	2,402.73	2,484.00	2,440.38	13.86	12.31	-141.78	-91.06	372.04	409.65	384.82	24.83	16.497		
2,600.00	2,496.80	2,582.35	2,536.29	14.47	12.81	-141.90	-100.61	391.60	427.75	401.91	25.85	16.550		
2,700.00	2,590.87	2,680.69	2,632.19	15.09	13.30	-142.01	-110.15	411.17	445.85	418.99	26.86	16.597		
2,800.00	2,684.95	2,779.04	2,728.10	15.71	13.80	-142.11	-119.70	430.74	463.95	436.07	27.88	16.639		
2,900.00	2,779.02	2,877.38	2,824.00	16.33	14.31	-142.20	-129.24	450.31	482.05	453.14	28.91	16.677		
3,000.00	2,873.09	2,975.73	2,919.91	16.95	14.81	-142.28	-138.78	469.88	500.15	470.22	29.93	16.710		
3,100.00	2,967.16	3,074.07	3,015.81	17.57	15.31	-142.36	-148.33	489.45	518.25	487.30	30.96	16.740		
3,200.00	3,061.23	3,172.42	3,111.72	18.20	15.82	-142.43	-157.87	509.01	536.36	504.37	31.99	16.768		
3,300.00	3,155.30	3,270.76	3,207.62	18.82	16.32	-142.50	-167.42	528.58	554.46	521.44	33.02	16.792		
3,400.00	3,249.37	3,369.11	3,303.53	19.45	16.83	-142.57	-176.96	548.15	572.57	538.52	34.05	16.814		
3,500.00	3,343.44	3,467.46	3,399.43	20.07	17.34	-142.63	-186.50	567.72	590.67	555.59	35.09	16.835		
3,600.00	3,437.51	3,565.80	3,495.34	20.70	17.84	-142.68	-196.05	587.29	608.78	572.66	36.12	16.853		
3,700.00	3,531.58	3,664.15	3,591.24	21.33	18.35	-142.74	-205.59	606.85	626.89	589.73	37.16	16.870		
3,800.00	3,625.65	3,762.49	3,687.15	21.96	18.86	-142.79	-215.14	626.42	645.00	606.80	38.20	16.886		
3,900.00	3,719.72	3,860.84	3,783.05	22.59	19.37	-142.83	-224.68	645.99	663.10	623.87	39.24	16.900		
4,000.00	3,813.79	3,959.18	3,878.96	23.22	19.88	-142.88	-234.22	665.56	681.21	640.93	40.28	16.913		
4,100.00	3,907.86	4,057.53	3,974.87	23.85	20.39	-142.92	-243.77	685.13	699.32	658.00	41.32	16.925		
4,200.00	4,001.93	4,155.87	4,070.77	24.48	20.90	-142.96	-253.31	704.69	717.43	675.07	42.36	16.936		
4,300.00	4,096.00	4,254.22	4,166.68	25.11	21.41	-143.00	-262.86	724.26	735.54	692.14	43.40	16.947		
4,400.00	4,190.07	4,352.56	4,262.58	25.75	21.92	-143.04	-272.40	743.83	753.65	709.20	44.45	16.956		
4,500.00	4,284.14	4,450.91	4,358.49	26.38	22.44	-143.07	-281.94	763.40	771.76	726.27	45.49	16.965		
4,600.00	4,378.21	4,549.25	4,454.39	27.01	22.95	-143.11	-291.49	782.97	789.87	743.33	46.54	16.973		
4,700.00	4,472.28	4,647.60	4,550.30	27.65	23.46	-143.14	-301.03	802.54	807.98	760.40	47.58	16.981		
4,800.00	4,566.35	4,745.95	4,646.20	28.28	23.97	-143.17	-310.58	822.10	826.09	777.46	48.63	16.988		
4,900.00	4,660.42	4,844.29	4,742.11	28.91	24.49	-143.20	-320.12	841.67	844.20	794.53	49.67	16.995		
5,000.00	4,754.49	4,942.64	4,838.01	29.55	25.00	-143.23	-329.66	861.24	862.31	811.59	50.72	17.001		

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

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

Offset Design Falken 9-11 PAD - Falken 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	4,848.56	5,040.98	4,933.92	30.18	25.51	-143.25	-339.21	880.81	880.43	828.66	51.77	17.007		
5,200.00	4,942.63	5,139.33	5,029.82	30.82	26.03	-143.28	-348.75	900.38	898.54	845.72	52.82	17.012		
5,300.00	5,036.70	5,237.67	5,125.73	31.45	26.54	-143.30	-358.30	919.94	916.65	862.78	53.87	17.017		
5,400.00	5,130.77	5,336.02	5,221.63	32.09	27.05	-143.33	-367.84	939.51	934.76	879.85	54.91	17.022		
5,500.00	5,224.84	5,434.36	5,317.54	32.72	27.57	-143.35	-377.38	959.08	952.87	896.91	55.96	17.027		
5,600.00	5,318.91	5,532.71	5,413.44	33.36	28.08	-143.37	-386.93	978.65	970.98	913.97	57.01	17.031		
5,700.00	5,412.98	5,631.05	5,509.35	33.99	28.60	-143.39	-396.47	998.22	989.10	931.03	58.06	17.035		
5,800.00	5,507.06	5,729.40	5,605.25	34.63	29.11	-143.41	-406.02	1,017.78	1,007.21	948.10	59.11	17.039		
5,900.00	5,601.13	5,827.74	5,701.16	35.26	29.63	-143.43	-415.56	1,037.35	1,025.32	965.16	60.16	17.042		
6,000.00	5,695.20	5,926.09	5,797.06	35.90	30.14	-143.45	-425.10	1,056.92	1,043.44	982.22	61.21	17.046		
6,100.00	5,789.27	6,024.44	5,892.97	36.54	30.66	-143.47	-434.65	1,076.49	1,061.55	999.28	62.26	17.049		
6,200.00	5,883.34	6,122.78	5,988.88	37.17	31.17	-143.49	-444.19	1,096.06	1,079.66	1,016.34	63.32	17.052		
6,300.00	5,977.41	6,221.13	6,084.78	37.81	31.69	-143.51	-453.74	1,115.63	1,097.77	1,033.41	64.37	17.055		
6,400.00	6,071.48	6,319.47	6,180.69	38.44	32.20	-143.52	-463.28	1,135.19	1,115.89	1,050.47	65.42	17.057		
6,500.00	6,165.55	6,417.82	6,276.59	39.08	32.72	-143.54	-472.82	1,154.76	1,134.00	1,067.53	66.47	17.060		
6,600.00	6,259.62	6,516.16	6,372.50	39.72	33.23	-143.55	-482.37	1,174.33	1,152.11	1,084.59	67.52	17.062		
6,677.33	6,332.36	6,592.21	6,446.66	40.21	33.63	-143.57	-489.75	1,189.46	1,166.12	1,097.78	68.34	17.064		
6,700.00	6,353.76	6,614.50	6,468.40	40.35	33.75	-148.88	-491.91	1,193.90	1,170.24	1,101.67	68.58	17.065		
6,750.00	6,401.37	6,663.77	6,516.67	40.64	33.99	-162.50	-496.71	1,202.45	1,179.41	1,110.33	69.09	17.072		
6,800.00	6,449.30	6,713.24	6,565.65	40.89	34.22	-178.14	-501.56	1,207.29	1,188.65	1,119.10	69.55	17.091		
6,850.00	6,497.25	6,762.90	6,615.05	41.11	34.41	166.00	-506.44	1,208.30	1,197.89	1,127.92	69.97	17.120		
6,900.00	6,544.95	6,812.78	6,664.59	41.29	34.58	151.91	-511.32	1,205.42	1,207.09	1,136.73	70.36	17.156		
6,950.00	6,592.08	6,862.89	6,713.99	41.45	34.74	140.49	-516.17	1,198.60	1,216.19	1,145.45	70.74	17.192		
7,000.00	6,638.35	6,913.26	6,762.95	41.58	34.90	131.61	-520.95	1,187.85	1,225.13	1,154.00	71.12	17.225		
7,050.00	6,683.50	6,963.90	6,811.16	41.70	35.07	124.74	-525.65	1,173.15	1,233.85	1,162.33	71.52	17.252		
7,100.00	6,727.22	7,014.81	6,858.31	41.81	35.25	119.39	-530.23	1,154.53	1,242.30	1,170.37	71.93	17.270		
7,150.00	6,769.26	7,066.02	6,904.09	41.92	35.44	115.13	-534.65	1,132.05	1,250.44	1,178.06	72.37	17.277		
7,200.00	6,809.36	7,117.52	6,948.18	42.03	35.65	111.71	-538.90	1,105.79	1,258.20	1,185.35	72.85	17.272		
7,250.00	6,847.27	7,169.33	6,990.24	42.15	35.88	108.90	-542.92	1,075.85	1,265.54	1,192.18	73.36	17.251		
7,300.00	6,882.75	7,221.42	7,029.96	42.27	36.13	106.58	-546.71	1,042.37	1,272.42	1,198.49	73.92	17.213		
7,350.00	6,915.58	7,273.81	7,067.02	42.41	36.42	104.64	-550.21	1,005.54	1,278.78	1,204.24	74.54	17.156		
7,400.00	6,945.57	7,326.46	7,101.12	42.57	36.74	103.03	-553.41	965.56	1,284.60	1,209.37	75.22	17.078		
7,450.00	6,972.53	7,379.37	7,131.94	42.75	37.10	101.68	-556.28	922.68	1,289.82	1,213.85	75.97	16.978		
7,500.00	6,996.30	7,432.50	7,159.23	42.95	37.51	100.56	-558.79	877.18	1,294.42	1,217.62	76.80	16.855		
7,550.00	7,016.72	7,485.83	7,182.73	43.17	37.96	99.64	-560.91	829.37	1,298.37	1,220.67	77.71	16.709		
7,600.00	7,033.66	7,539.32	7,202.22	43.43	38.45	98.91	-562.63	779.60	1,301.65	1,222.96	78.69	16.541		
7,650.00	7,047.04	7,592.93	7,217.51	43.72	38.99	98.34	-563.93	728.25	1,304.22	1,224.46	79.76	16.352		
7,700.00	7,056.76	7,646.62	7,228.46	44.05	39.57	97.93	-564.80	675.71	1,306.08	1,225.19	80.90	16.145		
7,750.00	7,062.76	7,700.35	7,234.98	44.41	40.18	97.67	-565.22	622.39	1,307.21	1,225.12	82.10	15.923		
7,799.36	7,065.00	7,753.38	7,237.00	44.81	40.82	97.56	-565.20	569.42	1,307.61	1,224.28	83.33	15.692		
7,900.00	7,065.83	7,853.79	7,237.19	45.73	42.15	97.53	-564.81	469.01	1,307.71	1,221.68	86.03	15.200		
8,000.00	7,066.66	7,953.79	7,237.38	46.83	43.61	97.50	-564.42	369.01	1,307.80	1,218.82	88.98	14.697		
8,100.00	7,067.49	8,053.79	7,237.57	48.11	45.21	97.47	-564.03	269.02	1,307.90	1,215.71	92.19	14.187		
8,200.00	7,068.31	8,153.78	7,237.75	49.55	46.93	97.44	-563.64	169.02	1,308.00	1,212.37	95.62	13.678		
8,300.00	7,069.14	8,253.78	7,237.94	51.14	48.76	97.42	-563.25	69.02	1,308.10	1,208.83	99.27	13.178		
8,400.00	7,069.96	8,353.78	7,238.13	52.86	50.70	97.39	-562.86	-30.98	1,308.19	1,205.10	103.09	12.689		
8,500.00	7,070.79	8,453.78	7,238.31	54.70	52.71	97.36	-562.47	-130.97	1,308.29	1,201.21	107.09	12.217		
8,600.00	7,071.61	8,553.78	7,238.50	56.64	54.81	97.33	-562.08	-230.97	1,308.39	1,197.17	111.22	11.764		
8,700.00	7,072.44	8,653.77	7,238.68	58.68	56.97	97.30	-561.69	-330.97	1,308.49	1,192.99	115.49	11.329		
8,800.00	7,073.27	8,753.77	7,238.87	60.78	59.20	97.27	-561.30	-430.96	1,308.59	1,188.71	119.88	10.916		
8,900.00	7,074.09	8,853.77	7,239.06	62.96	61.47	97.24	-560.91	-530.96	1,308.69	1,184.31	124.37	10.522		
9,000.00	7,074.92	8,953.77	7,239.24	65.19	63.80	97.21	-560.51	-630.96	1,308.79	1,179.82	128.96	10.149		

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

Offset Design Falken 9-11 PAD - Falken 33C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Reference (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,100.00	7,075.74	9,053.76	7,239.43	67.48	66.17	97.18		-560.12	-730.95	1,308.89	1,175.25	133.63	9.795	
9,200.00	7,076.57	9,153.76	7,239.62	69.82	68.57	97.16		-559.73	-830.95	1,308.99	1,170.60	138.38	9.459	
9,300.00	7,077.40	9,253.76	7,239.80	72.19	71.01	97.13		-559.34	-930.95	1,309.09	1,165.89	143.20	9.142	
9,400.00	7,078.22	9,353.76	7,239.99	74.61	73.48	97.10		-558.95	-1,030.94	1,309.19	1,161.11	148.08	8.841	
9,500.00	7,079.05	9,453.76	7,240.17	77.05	75.98	97.07		-558.56	-1,130.94	1,309.29	1,156.28	153.01	8.557	
9,600.00	7,079.87	9,553.75	7,240.36	79.53	78.51	97.04		-558.17	-1,230.94	1,309.39	1,151.39	158.00	8.287	
9,700.00	7,080.70	9,653.75	7,240.55	82.03	81.05	97.01		-557.78	-1,330.93	1,309.49	1,146.46	163.03	8.032	
9,800.00	7,081.53	9,753.75	7,240.73	84.55	83.62	96.98		-557.39	-1,430.93	1,309.59	1,141.49	168.10	7.790	
9,900.00	7,082.35	9,853.75	7,240.92	87.10	86.20	96.95		-557.00	-1,530.93	1,309.70	1,136.48	173.21	7.561	
10,000.00	7,083.18	9,953.74	7,241.11	89.67	88.81	96.93		-556.61	-1,630.93	1,309.80	1,131.44	178.36	7.343	
10,100.00	7,084.00	10,053.74	7,241.29	92.25	91.42	96.90		-556.22	-1,730.92	1,309.90	1,126.36	183.54	7.137	
10,200.00	7,084.83	10,153.74	7,241.48	94.86	94.06	96.87		-555.83	-1,830.92	1,310.01	1,121.25	188.75	6.940	
10,300.00	7,085.65	10,253.74	7,241.66	97.47	96.70	96.84		-555.44	-1,930.92	1,310.11	1,116.12	193.99	6.754	
10,400.00	7,086.48	10,353.74	7,241.85	100.10	99.36	96.81		-555.05	-2,030.91	1,310.21	1,110.96	199.25	6.576	
10,500.00	7,087.31	10,453.73	7,242.04	102.75	102.03	96.78		-554.65	-2,130.91	1,310.32	1,105.78	204.54	6.406	
10,600.00	7,088.13	10,553.73	7,242.22	105.40	104.71	96.75		-554.26	-2,230.91	1,310.42	1,100.58	209.85	6.245	
10,700.00	7,088.96	10,653.73	7,242.41	108.07	107.39	96.72		-553.87	-2,330.90	1,310.53	1,095.36	215.17	6.091	
10,800.00	7,089.78	10,753.73	7,242.60	110.75	110.09	96.70		-553.48	-2,430.90	1,310.63	1,090.11	220.52	5.943	
10,900.00	7,090.61	10,853.73	7,242.78	113.43	112.80	96.67		-553.09	-2,530.90	1,310.74	1,084.86	225.88	5.803	
11,000.00	7,091.44	10,953.72	7,242.97	116.13	115.51	96.64		-552.70	-2,630.89	1,310.85	1,079.58	231.26	5.668	
11,100.00	7,092.26	11,053.72	7,243.15	118.83	118.23	96.61		-552.31	-2,730.89	1,310.95	1,074.29	236.66	5.539	
11,200.00	7,093.09	11,153.72	7,243.34	121.54	120.95	96.58		-551.92	-2,830.89	1,311.06	1,068.99	242.07	5.416	
11,300.00	7,093.91	11,253.72	7,243.53	124.25	123.69	96.55		-551.53	-2,930.88	1,311.17	1,063.68	247.49	5.298	
11,400.00	7,094.74	11,353.71	7,243.71	126.98	126.42	96.52		-551.14	-3,030.88	1,311.27	1,058.35	252.93	5.184	
11,500.00	7,095.57	11,453.71	7,243.90	129.70	129.17	96.50		-550.75	-3,130.88	1,311.38	1,053.01	258.37	5.076	
11,600.00	7,096.39	11,553.71	7,244.09	132.44	131.92	96.47		-550.36	-3,230.87	1,311.49	1,047.66	263.83	4.971	
11,700.00	7,097.22	11,653.71	7,244.27	135.18	134.67	96.44		-549.97	-3,330.87	1,311.60	1,042.30	269.30	4.870	
11,800.00	7,098.04	11,753.71	7,244.46	137.92	137.43	96.41		-549.58	-3,430.87	1,311.71	1,036.93	274.78	4.774	
11,900.00	7,098.87	11,853.70	7,244.65	140.67	140.19	96.38		-549.19	-3,530.87	1,311.82	1,031.55	280.27	4.681	
12,000.00	7,099.69	11,953.70	7,244.83	143.43	142.95	96.35		-548.79	-3,630.86	1,311.93	1,026.16	285.76	4.591	
12,100.00	7,100.52	12,053.70	7,245.02	146.19	145.72	96.32		-548.40	-3,730.86	1,312.04	1,020.77	291.27	4.505	
12,200.00	7,101.35	12,153.70	7,245.20	148.95	148.50	96.30		-548.01	-3,830.86	1,312.15	1,015.37	296.78	4.421	
12,300.00	7,102.17	12,253.69	7,245.39	151.71	151.27	96.27		-547.62	-3,930.85	1,312.26	1,009.96	302.30	4.341	
12,400.00	7,103.00	12,353.69	7,245.58	154.48	154.05	96.24		-547.23	-4,030.85	1,312.37	1,004.54	307.82	4.263	
12,500.00	7,103.82	12,453.69	7,245.76	157.26	156.83	96.21		-546.84	-4,130.85	1,312.48	999.12	313.36	4.188	
12,600.00	7,104.65	12,553.69	7,245.95	160.03	159.62	96.18		-546.45	-4,230.84	1,312.59	993.69	318.90	4.116	
12,700.00	7,105.48	12,653.69	7,246.14	162.81	162.41	96.15		-546.06	-4,330.84	1,312.70	988.26	324.44	4.046	
12,800.00	7,106.30	12,753.68	7,246.32	165.59	165.20	96.12		-545.67	-4,430.84	1,312.81	982.82	330.00	3.978	
12,900.00	7,107.13	12,853.68	7,246.51	168.38	167.99	96.09		-545.28	-4,530.83	1,312.93	977.37	335.55	3.913	
13,000.00	7,107.95	12,953.68	7,246.69	171.16	170.78	96.07		-544.89	-4,630.83	1,313.04	971.92	341.12	3.849	
13,100.00	7,108.78	13,053.68	7,246.88	173.95	173.58	96.04		-544.50	-4,730.83	1,313.15	966.47	346.68	3.788	
13,200.00	7,109.61	13,153.67	7,247.07	176.74	176.38	96.01		-544.11	-4,830.82	1,313.27	961.01	352.25	3.728	
13,300.00	7,110.43	13,253.67	7,247.25	179.54	179.18	95.98		-543.72	-4,930.82	1,313.38	955.55	357.83	3.670	
13,368.87	7,111.00	13,322.54	7,247.38	181.46	181.11	95.96		-543.45	-4,999.68	1,313.46	951.78	361.67	3.632 SF	

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.61	104.92	1.11	104.93					
100.00	100.00	100.00	100.00	3.28	3.28	0.61	104.92	1.11	104.93	98.36	6.57	15.973		
200.00	200.00	200.00	200.00	3.34	3.34	0.61	104.92	1.11	104.93	98.26	6.67	15.722 CC, ES		
300.00	299.98	300.58	300.56	3.44	3.44	-143.35	104.62	2.85	106.05	99.17	6.88	15.407		
400.00	399.84	401.06	400.90	3.59	3.60	-142.22	103.70	8.06	109.45	102.26	7.19	15.221		
500.00	499.45	501.33	500.77	3.79	3.81	-140.48	102.17	16.70	115.18	107.59	7.59	15.170		
600.00	598.70	601.28	599.97	4.04	4.05	-138.31	100.05	28.74	123.35	115.27	8.08	15.263		
700.00	697.47	700.82	698.27	4.32	4.34	-135.91	97.34	44.11	134.03	125.38	8.65	15.497		
800.00	795.62	807.15	795.48	4.65	4.68	-133.44	94.06	62.73	147.29	137.97	9.31	15.814		
900.00	893.06	901.51	891.94	5.01	5.03	-131.58	90.48	83.04	163.10	153.09	10.01	16.301		
1,000.00	989.64	1,003.19	988.09	5.41	5.42	-130.82	86.91	103.29	181.25	170.48	10.78	16.817		
1,100.00	1,085.27	1,105.30	1,083.81	5.85	5.83	-130.88	83.35	123.45	201.66	190.06	11.60	17.383		
1,191.50	1,171.82	1,183.78	1,170.91	6.29	6.17	-131.45	80.12	141.79	222.31	209.99	12.33	18.033		
1,200.00	1,179.82	1,207.97	1,178.98	6.34	6.27	-131.55	79.82	143.49	224.32	211.85	12.47	17.986		
1,300.00	1,273.89	1,289.09	1,273.90	6.85	6.62	-132.61	76.29	163.48	248.00	234.73	13.27	18.686		
1,400.00	1,367.96	1,386.15	1,368.82	7.38	7.05	-133.49	72.77	183.47	271.74	257.58	14.17	19.183		
1,500.00	1,462.03	1,483.21	1,463.73	7.93	7.49	-134.23	69.25	203.46	295.54	280.46	15.08	19.598		
1,600.00	1,556.10	1,580.28	1,558.65	8.49	7.94	-134.85	65.72	223.44	319.37	303.36	16.01	19.947		
1,700.00	1,650.17	1,677.34	1,653.57	9.06	8.40	-135.39	62.20	243.43	343.24	326.28	16.96	20.243		
1,800.00	1,744.24	1,774.40	1,748.49	9.65	8.85	-135.86	58.67	263.42	367.13	349.22	17.91	20.496		
1,900.00	1,838.31	1,871.47	1,843.40	10.23	9.32	-136.28	55.15	283.41	391.04	372.16	18.88	20.714		
2,000.00	1,932.38	1,968.53	1,938.32	10.83	9.78	-136.64	51.62	303.40	414.97	395.12	19.85	20.902		
2,100.00	2,026.45	2,065.59	2,033.24	11.43	10.25	-136.97	48.10	323.39	438.91	418.08	20.83	21.066		
2,200.00	2,120.52	2,162.66	2,128.16	12.03	10.73	-137.26	44.57	343.37	462.86	441.04	21.82	21.210		
2,300.00	2,214.59	2,259.72	2,223.07	12.63	11.20	-137.52	41.05	363.36	486.83	464.01	22.82	21.337		
2,400.00	2,308.66	2,356.78	2,317.99	13.24	11.68	-137.76	37.53	383.35	510.80	486.99	23.81	21.450		
2,500.00	2,402.73	2,453.85	2,412.91	13.86	12.16	-137.97	34.00	403.34	534.78	509.97	24.82	21.550		
2,600.00	2,496.80	2,550.91	2,507.83	14.47	12.64	-138.17	30.48	423.33	558.77	532.95	25.82	21.640		
2,700.00	2,590.87	2,647.97	2,602.74	15.09	13.12	-138.35	26.95	443.31	582.76	555.93	26.83	21.720		
2,800.00	2,684.95	2,745.04	2,697.66	15.71	13.60	-138.52	23.43	463.30	606.76	578.92	27.84	21.793		
2,900.00	2,779.02	2,842.10	2,792.58	16.33	14.09	-138.68	19.90	483.29	630.76	601.90	28.86	21.859		
3,000.00	2,873.09	2,939.16	2,887.50	16.95	14.58	-138.82	16.38	503.28	654.77	624.89	29.87	21.918		
3,100.00	2,967.16	3,036.23	2,982.41	17.57	15.06	-138.95	12.85	523.27	678.78	647.88	30.89	21.973		
3,200.00	3,061.23	3,133.29	3,077.33	18.20	15.55	-139.08	9.33	543.26	702.79	670.88	31.91	22.022		
3,300.00	3,155.30	3,230.35	3,172.25	18.82	16.04	-139.19	5.81	563.24	726.81	693.87	32.93	22.068		
3,400.00	3,249.37	3,327.42	3,267.16	19.45	16.53	-139.30	2.28	583.23	750.82	716.87	33.96	22.110		
3,500.00	3,343.44	3,424.48	3,362.08	20.07	17.02	-139.40	-1.24	603.22	774.85	739.86	34.98	22.149		
3,600.00	3,437.51	3,521.54	3,457.00	20.70	17.51	-139.50	-4.77	623.21	798.87	762.86	36.01	22.184		
3,700.00	3,531.58	3,618.60	3,551.92	21.33	18.00	-139.59	-8.29	643.20	822.89	785.86	37.04	22.217		
3,800.00	3,625.65	3,715.67	3,646.83	21.96	18.49	-139.67	-11.82	663.18	846.92	808.85	38.07	22.248		
3,900.00	3,719.72	3,812.73	3,741.75	22.59	18.98	-139.75	-15.34	683.17	870.95	831.85	39.10	22.277		
4,000.00	3,813.79	3,909.79	3,836.67	23.22	19.47	-139.83	-18.87	703.16	894.98	854.85	40.13	22.303		
4,100.00	3,907.86	4,006.86	3,931.59	23.85	19.97	-139.90	-22.39	723.15	919.01	877.85	41.16	22.328		
4,200.00	4,001.93	4,103.92	4,026.50	24.48	20.46	-139.97	-25.91	743.14	943.04	900.85	42.19	22.351		
4,300.00	4,096.00	4,200.98	4,121.42	25.11	20.95	-140.04	-29.44	763.13	967.08	923.85	43.23	22.373		
4,400.00	4,190.07	4,298.05	4,216.34	25.75	21.45	-140.10	-32.96	783.11	991.11	946.85	44.26	22.393		
4,500.00	4,284.14	4,404.89	4,311.26	26.38	21.99	-140.16	-36.49	803.10	1,015.15	969.81	45.34	22.388		
4,600.00	4,378.21	4,507.83	4,406.17	27.01	22.52	-140.21	-40.01	823.09	1,039.19	992.78	46.41	22.392		
4,700.00	4,472.28	4,589.24	4,501.09	27.65	22.93	-140.27	-43.54	843.08	1,063.23	1,015.86	47.36	22.448		
4,800.00	4,566.35	4,686.30	4,596.01	28.28	23.43	-140.32	-47.06	863.07	1,087.26	1,038.86	48.40	22.464		
4,900.00	4,660.42	4,783.36	4,690.93	28.91	23.92	-140.37	-50.59	883.05	1,111.30	1,061.87	49.44	22.479		
5,000.00	4,754.49	4,880.43	4,785.84	29.55	24.42	-140.41	-54.11	903.04	1,135.34	1,084.87	50.47	22.493		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,977.49	4,880.76	30.18	24.91	-140.46	-57.63	923.03	1,159.39	1,107.87	51.51	22.507		
5,200.00	4,942.63	5,074.55	4,975.68	30.82	25.41	-140.50	-61.16	943.02	1,183.43	1,130.88	52.55	22.520		
5,300.00	5,036.70	5,171.62	5,070.59	31.45	25.90	-140.54	-64.68	963.01	1,207.47	1,153.88	53.59	22.532		
5,400.00	5,130.77	5,268.68	5,165.51	32.09	26.40	-140.58	-68.21	983.00	1,231.51	1,176.89	54.63	22.544		
5,500.00	5,224.84	5,365.74	5,260.43	32.72	26.90	-140.62	-71.73	1,002.98	1,255.56	1,199.89	55.67	22.555		
5,600.00	5,318.91	5,462.80	5,355.35	33.36	27.39	-140.66	-75.26	1,022.97	1,279.60	1,222.89	56.71	22.565		
5,700.00	5,412.98	5,559.87	5,450.26	33.99	27.89	-140.69	-78.78	1,042.96	1,303.64	1,245.90	57.75	22.575		
5,800.00	5,507.06	5,656.93	5,545.18	34.63	28.39	-140.73	-82.31	1,062.95	1,327.69	1,268.90	58.79	22.585		
5,900.00	5,601.13	5,753.99	5,640.10	35.26	28.88	-140.76	-85.83	1,082.94	1,351.74	1,291.91	59.83	22.594		
6,000.00	5,695.20	5,851.06	5,735.02	35.90	29.38	-140.79	-89.35	1,102.92	1,375.78	1,314.91	60.87	22.603		
6,100.00	5,789.27	5,948.12	5,829.93	36.54	29.88	-140.82	-92.88	1,122.91	1,399.83	1,337.92	61.91	22.611		
6,200.00	5,883.34	6,045.18	5,924.85	37.17	30.37	-140.85	-96.40	1,142.90	1,423.87	1,360.92	62.95	22.619		
6,300.00	5,977.41	6,142.25	6,019.77	37.81	30.87	-140.88	-99.93	1,162.89	1,447.92	1,383.93	63.99	22.627		
6,400.00	6,071.48	6,239.31	6,114.69	38.44	31.37	-140.91	-103.45	1,182.88	1,471.97	1,406.93	65.03	22.634		
6,500.00	6,165.55	6,340.29	6,213.69	39.08	31.87	-140.99	-107.13	1,202.35	1,495.97	1,429.87	66.10	22.633		
6,600.00	6,259.62	6,445.16	6,318.17	39.72	32.30	-141.61	-111.07	1,208.63	1,519.52	1,452.49	67.03	22.670		
6,677.33	6,332.36	6,521.42	6,394.07	40.21	32.55	-142.46	-113.97	1,202.36	1,537.62	1,470.02	67.60	22.746		
6,700.00	6,353.76	6,542.83	6,415.19	40.35	32.63	-148.19	-114.78	1,198.97	1,542.99	1,475.24	67.75	22.774		
6,750.00	6,401.37	6,589.23	6,460.51	40.64	32.79	-162.79	-116.54	1,189.20	1,555.04	1,486.97	68.07	22.844		
6,800.00	6,449.30	6,634.60	6,504.02	40.89	32.95	-179.41	-118.23	1,176.48	1,567.30	1,498.93	68.36	22.925		
6,850.00	6,497.25	6,679.07	6,545.67	41.11	33.13	163.79	-119.87	1,161.03	1,579.68	1,511.04	68.64	23.013		
6,900.00	6,544.95	6,722.74	6,585.43	41.29	33.31	148.78	-121.44	1,143.06	1,592.09	1,523.18	68.91	23.103		
6,950.00	6,592.08	6,765.70	6,623.26	41.45	33.50	136.46	-122.95	1,122.77	1,604.44	1,535.25	69.19	23.190		
7,000.00	6,638.35	6,808.03	6,659.11	41.58	33.70	126.72	-124.39	1,100.31	1,616.63	1,547.16	69.47	23.271		
7,050.00	6,683.50	6,849.82	6,692.96	41.70	33.91	119.04	-125.76	1,075.86	1,628.57	1,558.80	69.77	23.343		
7,100.00	6,727.22	6,891.13	6,724.77	41.81	34.15	112.91	-127.06	1,049.56	1,640.17	1,570.08	70.09	23.400		
7,150.00	6,769.26	6,932.01	6,754.52	41.92	34.40	107.94	-128.29	1,021.54	1,651.35	1,580.91	70.45	23.441		
7,200.00	6,809.36	6,972.52	6,782.16	42.03	34.66	103.83	-129.45	991.96	1,662.03	1,591.20	70.84	23.463		
7,250.00	6,847.27	7,012.71	6,807.67	42.15	34.95	100.41	-130.53	960.93	1,672.14	1,600.87	71.27	23.462		
7,300.00	6,882.75	7,052.62	6,831.01	42.27	35.26	97.52	-131.53	928.58	1,681.59	1,609.84	71.75	23.436		
7,350.00	6,915.58	7,092.28	6,852.16	42.41	35.59	95.07	-132.45	895.05	1,690.34	1,618.04	72.30	23.381		
7,400.00	6,945.57	7,131.73	6,871.08	42.57	35.95	92.99	-133.30	860.45	1,698.31	1,625.40	72.90	23.295		
7,450.00	6,972.53	7,170.99	6,887.75	42.75	36.33	91.24	-134.06	824.92	1,705.45	1,631.87	73.58	23.178		
7,500.00	6,996.30	7,210.09	6,902.15	42.95	36.72	89.77	-134.74	788.58	1,711.71	1,637.38	74.33	23.029		
7,550.00	7,016.72	7,250.00	6,914.51	43.17	37.15	88.56	-135.35	750.65	1,717.06	1,641.90	75.16	22.846		
7,600.00	7,033.66	7,287.88	6,924.03	43.43	37.59	87.59	-135.84	714.00	1,721.45	1,645.39	76.06	22.634		
7,650.00	7,047.04	7,326.61	6,931.50	43.72	38.05	86.84	-136.26	676.00	1,724.85	1,647.82	77.03	22.392		
7,700.00	7,056.76	7,365.25	6,936.63	44.05	38.53	86.31	-136.60	637.71	1,727.25	1,649.18	78.07	22.123		
7,750.00	7,062.76	7,403.81	6,939.43	44.41	39.02	85.98	-136.84	599.26	1,728.63	1,649.45	79.18	21.832		
7,799.36	7,065.00	7,445.62	6,940.04	44.81	39.57	85.85	-137.02	557.46	1,728.96	1,648.60	80.36	21.516		
7,900.00	7,065.83	7,546.26	6,940.31	45.73	41.00	85.83	-137.40	456.82	1,728.41	1,645.31	83.11	20.798		
8,000.00	7,066.66	7,646.25	6,940.58	46.83	42.56	85.81	-137.77	356.83	1,727.87	1,641.75	86.12	20.063		
8,100.00	7,067.49	7,746.25	6,940.84	48.11	44.25	85.79	-138.15	256.83	1,727.33	1,637.93	89.40	19.322		
8,200.00	7,068.31	7,846.25	6,941.11	49.55	46.05	85.77	-138.52	156.83	1,726.79	1,633.88	92.91	18.586		
8,300.00	7,069.14	7,946.24	6,941.38	51.14	47.96	85.75	-138.90	56.84	1,726.25	1,629.62	96.63	17.865		
8,400.00	7,069.96	8,046.24	6,941.64	52.86	49.96	85.73	-139.27	-43.16	1,725.70	1,625.17	100.53	17.165		
8,500.00	7,070.79	8,146.24	6,941.91	54.70	52.04	85.71	-139.65	-143.15	1,725.16	1,620.56	104.61	16.492		
8,600.00	7,071.61	8,246.23	6,942.17	56.64	54.19	85.69	-140.02	-243.15	1,724.62	1,615.80	108.82	15.848		
8,700.00	7,072.44	8,346.23	6,942.44	58.68	56.41	85.67	-140.40	-343.14	1,724.08	1,610.91	113.17	15.234		
8,800.00	7,073.27	8,446.23	6,942.71	60.78	58.68	85.65	-140.77	-443.14	1,723.54	1,605.91	117.63	14.652		
8,900.00	7,074.09	8,546.22	6,942.97	62.96	61.00	85.63	-141.15	-543.14	1,723.00	1,600.80	122.20	14.100		
9,000.00	7,074.92	8,646.22	6,943.24	65.19	63.37	85.61	-141.53	-643.13	1,722.46	1,595.61	126.86	13.578		

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

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

Offset Design Falken 9-11 PAD - Falken 33N-9A-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	
9,100.00	7,075.74	8,746.22	6,943.50	67.48	65.77	85.59	-141.90	-743.13	1,721.92	1,590.33	131.59	13.085		
9,200.00	7,076.57	8,846.21	6,943.77	69.82	68.21	85.57	-142.28	-843.12	1,721.38	1,584.97	136.41	12.619		
9,300.00	7,077.40	8,946.21	6,944.04	72.19	70.68	85.55	-142.65	-943.12	1,720.84	1,579.56	141.29	12.180		
9,400.00	7,078.22	9,046.21	6,944.30	74.61	73.18	85.53	-143.03	-1,043.11	1,720.30	1,574.08	146.22	11.765		
9,500.00	7,079.05	9,146.20	6,944.57	77.05	75.71	85.51	-143.40	-1,143.11	1,719.76	1,568.55	151.21	11.373		
9,600.00	7,079.87	9,246.20	6,944.84	79.53	78.26	85.49	-143.78	-1,243.11	1,719.23	1,562.97	156.25	11.003		
9,700.00	7,080.70	9,346.20	6,945.10	82.03	80.83	85.47	-144.15	-1,343.10	1,718.69	1,557.35	161.34	10.653		
9,800.00	7,081.53	9,446.19	6,945.37	84.55	83.41	85.45	-144.53	-1,443.10	1,718.15	1,551.69	166.46	10.322		
9,900.00	7,082.35	9,546.19	6,945.63	87.10	86.02	85.43	-144.90	-1,543.09	1,717.61	1,545.99	171.62	10.008		
10,000.00	7,083.18	9,646.19	6,945.90	89.67	88.64	85.41	-145.28	-1,643.09	1,717.07	1,540.26	176.81	9.711		
10,100.00	7,084.00	9,746.18	6,946.17	92.25	91.27	85.39	-145.65	-1,743.08	1,716.53	1,534.50	182.03	9.430		
10,200.00	7,084.83	9,846.18	6,946.43	94.86	93.92	85.37	-146.03	-1,843.08	1,716.00	1,528.72	187.28	9.163		
10,300.00	7,085.65	9,946.18	6,946.70	97.47	96.58	85.35	-146.40	-1,943.08	1,715.46	1,522.90	192.55	8.909		
10,400.00	7,086.48	10,046.17	6,946.96	100.10	99.25	85.33	-146.78	-2,043.07	1,714.92	1,517.07	197.85	8.668		
10,500.00	7,087.31	10,146.17	6,947.23	102.75	101.94	85.31	-147.15	-2,143.07	1,714.39	1,511.21	203.17	8.438		
10,600.00	7,088.13	10,246.17	6,947.50	105.40	104.63	85.29	-147.53	-2,243.06	1,713.85	1,505.34	208.51	8.220		
10,700.00	7,088.96	10,346.16	6,947.76	108.07	107.33	85.27	-147.91	-2,343.06	1,713.31	1,499.45	213.87	8.011		
10,800.00	7,089.78	10,446.16	6,948.03	110.75	110.03	85.25	-148.28	-2,443.05	1,712.78	1,493.54	219.24	7.812		
10,900.00	7,090.61	10,546.16	6,948.29	113.43	112.75	85.23	-148.66	-2,543.05	1,712.24	1,487.61	224.63	7.623		
11,000.00	7,091.44	10,646.15	6,948.56	116.13	115.47	85.21	-149.03	-2,643.05	1,711.70	1,481.67	230.03	7.441		
11,100.00	7,092.26	10,746.15	6,948.83	118.83	118.20	85.19	-149.41	-2,743.04	1,711.17	1,475.72	235.45	7.268		
11,200.00	7,093.09	10,846.15	6,949.09	121.54	120.93	85.17	-149.78	-2,843.04	1,710.63	1,469.75	240.88	7.102		
11,300.00	7,093.91	10,946.14	6,949.36	124.25	123.67	85.15	-150.16	-2,943.03	1,710.10	1,463.78	246.32	6.943		
11,400.00	7,094.74	11,046.14	6,949.62	126.98	126.42	85.13	-150.53	-3,043.03	1,709.56	1,457.79	251.77	6.790		
11,500.00	7,095.57	11,146.14	6,949.89	129.70	129.17	85.11	-150.91	-3,143.02	1,709.03	1,451.79	257.24	6.644		
11,600.00	7,096.39	11,246.13	6,950.16	132.44	131.92	85.09	-151.28	-3,243.02	1,708.49	1,445.79	262.71	6.503		
11,700.00	7,097.22	11,346.13	6,950.42	135.18	134.68	85.07	-151.66	-3,343.01	1,707.96	1,439.77	268.19	6.369		
11,800.00	7,098.04	11,446.13	6,950.69	137.92	137.45	85.05	-152.03	-3,443.01	1,707.43	1,433.75	273.68	6.239		
11,900.00	7,098.87	11,546.13	6,950.95	140.67	140.21	85.03	-152.41	-3,543.01	1,706.89	1,427.72	279.17	6.114		
12,000.00	7,099.69	11,646.12	6,951.22	143.43	142.99	85.01	-152.78	-3,643.00	1,706.36	1,421.68	284.68	5.994		
12,100.00	7,100.52	11,746.12	6,951.49	146.19	145.76	84.99	-153.16	-3,743.00	1,705.82	1,415.64	290.19	5.878		
12,200.00	7,101.35	11,846.12	6,951.75	148.95	148.54	84.96	-153.54	-3,842.99	1,705.29	1,409.58	295.71	5.767		
12,300.00	7,102.17	11,946.11	6,952.02	151.71	151.32	84.94	-153.91	-3,942.99	1,704.76	1,403.53	301.23	5.659		
12,400.00	7,103.00	12,046.11	6,952.28	154.48	154.10	84.92	-154.29	-4,042.98	1,704.23	1,397.47	306.76	5.556		
12,500.00	7,103.82	12,146.11	6,952.55	157.26	156.89	84.90	-154.66	-4,142.98	1,703.69	1,391.40	312.29	5.455		
12,600.00	7,104.65	12,246.10	6,952.82	160.03	159.68	84.88	-155.04	-4,242.98	1,703.16	1,385.33	317.84	5.359		
12,700.00	7,105.48	12,346.10	6,953.08	162.81	162.47	84.86	-155.41	-4,342.97	1,702.63	1,379.25	323.38	5.265		
12,800.00	7,106.30	12,446.10	6,953.35	165.59	165.26	84.84	-155.79	-4,442.97	1,702.10	1,373.17	328.93	5.175		
12,900.00	7,107.13	12,546.09	6,953.61	168.38	168.06	84.82	-156.16	-4,542.96	1,701.57	1,367.08	334.48	5.087		
13,000.00	7,107.95	12,646.09	6,953.88	171.16	170.85	84.80	-156.54	-4,642.96	1,701.03	1,360.99	340.04	5.002		
13,100.00	7,108.78	12,746.09	6,954.15	173.95	173.65	84.78	-156.91	-4,742.95	1,700.50	1,354.90	345.60	4.920		
13,200.00	7,109.61	12,846.08	6,954.41	176.74	176.45	84.76	-157.29	-4,842.95	1,699.97	1,348.80	351.17	4.841		
13,300.00	7,110.43	12,946.08	6,954.68	179.54	179.26	84.74	-157.66	-4,942.95	1,699.44	1,342.70	356.74	4.764		
13,368.87	7,111.00	13,014.94	6,954.86	181.46	181.19	84.72	-157.92	-5,011.81	1,699.07	1,338.50	360.58	4.712 SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.53	119.85	1.11	119.86					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	119.85	1.11	119.86	113.29	6.57	18.245		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	119.85	1.11	119.86	113.18	6.67	17.959 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	-144.29	119.85	1.11	121.27	114.39	6.89	17.613		
400.00	399.84	400.32	400.30	3.59	3.60	-144.84	119.68	2.86	125.36	118.17	7.19	17.430		
500.00	499.45	500.58	500.41	3.79	3.80	-144.68	119.18	8.10	131.94	124.35	7.59	17.385		
600.00	598.70	600.62	600.07	4.04	4.04	-143.91	118.34	16.80	141.00	132.93	8.07	17.473		
700.00	697.47	700.33	699.03	4.32	4.31	-142.66	117.17	28.91	152.59	143.96	8.62	17.693		
800.00	795.62	799.59	797.06	4.65	4.62	-141.09	115.68	44.36	166.74	157.50	9.25	18.034		
900.00	893.06	898.28	893.94	5.01	4.96	-139.33	113.88	63.07	183.52	173.59	9.93	18.480		
1,000.00	989.64	1,003.71	989.47	5.41	5.36	-137.50	111.77	84.89	202.96	192.26	10.70	18.960		
1,100.00	1,085.27	1,106.24	1,084.20	5.85	5.77	-136.22	109.57	107.73	225.02	213.49	11.53	19.522		
1,191.50	1,171.82	1,182.48	1,170.42	6.29	6.10	-135.67	107.56	128.52	247.37	235.13	12.24	20.204		
1,200.00	1,179.82	1,209.30	1,178.41	6.34	6.22	-135.67	107.38	130.44	249.54	237.14	12.40	20.124		
1,300.00	1,273.89	1,287.38	1,272.37	6.85	6.56	-135.71	105.19	153.10	275.09	261.90	13.19	20.856		
1,400.00	1,367.96	1,384.06	1,366.34	7.38	7.00	-135.74	103.01	175.76	300.63	286.54	14.09	21.337		
1,500.00	1,462.03	1,480.74	1,460.30	7.93	7.45	-135.76	100.82	198.42	326.17	311.16	15.01	21.726		
1,600.00	1,556.10	1,577.43	1,554.27	8.49	7.91	-135.79	98.64	221.08	351.72	335.76	15.96	22.042		
1,700.00	1,650.17	1,674.11	1,648.23	9.06	8.37	-135.80	96.45	243.74	377.26	360.34	16.92	22.301		
1,800.00	1,744.24	1,770.79	1,742.19	9.65	8.84	-135.82	94.27	266.39	402.81	384.91	17.89	22.515		
1,900.00	1,838.31	1,867.47	1,836.16	10.23	9.32	-135.83	92.08	289.05	428.35	409.47	18.88	22.693		
2,000.00	1,932.38	1,964.16	1,930.12	10.83	9.80	-135.85	89.89	311.71	453.89	434.02	19.87	22.842		
2,100.00	2,026.45	2,060.84	2,024.09	11.43	10.29	-135.86	87.71	334.37	479.44	458.56	20.87	22.967		
2,200.00	2,120.52	2,157.52	2,118.05	12.03	10.78	-135.87	85.52	357.03	504.98	483.09	21.89	23.074		
2,300.00	2,214.59	2,254.20	2,212.02	12.63	11.27	-135.88	83.34	379.68	530.52	507.62	22.90	23.164		
2,400.00	2,308.66	2,350.89	2,305.98	13.24	11.76	-135.89	81.15	402.34	556.07	532.14	23.93	23.241		
2,500.00	2,402.73	2,447.57	2,399.95	13.86	12.26	-135.89	78.97	425.00	581.61	556.66	24.95	23.307		
2,600.00	2,496.80	2,544.25	2,493.91	14.47	12.75	-135.90	76.78	447.66	607.16	581.17	25.99	23.365		
2,700.00	2,590.87	2,640.93	2,587.88	15.09	13.25	-135.91	74.60	470.32	632.70	605.68	27.02	23.414		
2,800.00	2,684.95	2,737.62	2,681.84	15.71	13.76	-135.91	72.41	492.97	658.24	630.18	28.06	23.457		
2,900.00	2,779.02	2,834.30	2,775.80	16.33	14.26	-135.92	70.23	515.63	683.79	654.68	29.10	23.495		
3,000.00	2,873.09	2,930.98	2,869.77	16.95	14.76	-135.92	68.04	538.29	709.33	679.18	30.15	23.528		
3,100.00	2,967.16	3,027.66	2,963.73	17.57	15.27	-135.93	65.85	560.95	734.88	703.68	31.20	23.557		
3,200.00	3,061.23	3,124.35	3,057.70	18.20	15.77	-135.93	63.67	583.61	760.42	728.17	32.25	23.582		
3,300.00	3,155.30	3,221.03	3,151.66	18.82	16.28	-135.94	61.48	606.26	785.96	752.67	33.30	23.605		
3,400.00	3,249.37	3,317.71	3,245.63	19.45	16.79	-135.94	59.30	628.92	811.51	777.16	34.35	23.625		
3,500.00	3,343.44	3,414.39	3,339.59	20.07	17.30	-135.94	57.11	651.58	837.05	801.65	35.41	23.642		
3,600.00	3,437.51	3,511.08	3,433.56	20.70	17.80	-135.95	54.93	674.24	862.60	826.13	36.46	23.658		
3,700.00	3,531.58	3,607.76	3,527.52	21.33	18.31	-135.95	52.74	696.90	888.14	850.62	37.52	23.671		
3,800.00	3,625.65	3,704.44	3,621.49	21.96	18.82	-135.95	50.56	719.55	913.68	875.11	38.58	23.684		
3,900.00	3,719.72	3,801.12	3,715.45	22.59	19.34	-135.96	48.37	742.21	939.23	899.59	39.64	23.694		
4,000.00	3,813.79	3,902.19	3,809.41	23.22	19.87	-135.96	46.19	764.87	964.77	924.05	40.72	23.691		
4,100.00	3,907.86	4,005.51	3,903.38	23.85	20.42	-135.96	44.00	787.53	990.32	948.49	41.82	23.680		
4,200.00	4,001.93	4,108.83	3,997.34	24.48	20.96	-135.96	41.82	810.19	1,015.86	972.94	42.92	23.669		
4,300.00	4,096.00	4,187.85	4,091.31	25.11	21.38	-135.97	39.63	832.84	1,041.40	997.51	43.89	23.727		
4,400.00	4,190.07	4,284.54	4,185.27	25.75	21.90	-135.97	37.44	855.50	1,066.95	1,021.99	44.96	23.734		
4,500.00	4,284.14	4,381.22	4,279.24	26.38	22.41	-135.97	35.26	878.16	1,092.49	1,046.47	46.02	23.739		
4,600.00	4,378.21	4,477.90	4,373.20	27.01	22.92	-135.97	33.07	900.82	1,118.04	1,070.95	47.09	23.744		
4,700.00	4,472.28	4,574.58	4,467.17	27.65	23.44	-135.97	30.89	923.48	1,143.58	1,095.43	48.15	23.748		
4,800.00	4,566.35	4,671.27	4,561.13	28.28	23.95	-135.98	28.70	946.13	1,169.12	1,119.90	49.22	23.752		
4,900.00	4,660.42	4,767.95	4,655.10	28.91	24.47	-135.98	26.52	968.79	1,194.67	1,144.38	50.29	23.755		
5,000.00	4,754.49	4,864.63	4,749.06	29.55	24.98	-135.98	24.33	991.45	1,220.21	1,168.85	51.36	23.758		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,961.31	4,843.03	30.18	25.50	-135.98	22.15	1,014.11	1,245.76	1,193.33	52.43	23.761		
5,200.00	4,942.63	5,058.00	4,936.99	30.82	26.01	-135.98	19.96	1,036.77	1,271.30	1,217.80	53.50	23.763		
5,300.00	5,036.70	5,154.68	5,030.95	31.45	26.53	-135.98	17.78	1,059.42	1,296.84	1,242.28	54.57	23.765		
5,400.00	5,130.77	5,251.36	5,124.92	32.09	27.04	-135.98	15.59	1,082.08	1,322.39	1,266.75	55.64	23.767		
5,500.00	5,224.84	5,348.04	5,218.88	32.72	27.56	-135.99	13.40	1,104.74	1,347.93	1,291.22	56.71	23.769		
5,600.00	5,318.91	5,444.73	5,312.85	33.36	28.07	-135.99	11.22	1,127.40	1,373.48	1,315.69	57.78	23.770		
5,700.00	5,412.98	5,542.16	5,407.82	33.99	28.58	-136.04	9.13	1,149.03	1,399.00	1,340.16	58.84	23.775		
5,800.00	5,507.06	5,639.54	5,503.43	34.63	29.06	-136.23	7.36	1,167.45	1,424.47	1,364.60	59.87	23.794		
5,900.00	5,601.13	5,736.54	5,599.22	35.26	29.52	-136.54	5.90	1,182.57	1,449.92	1,389.07	60.85	23.829		
6,000.00	5,695.20	5,832.93	5,694.87	35.90	29.94	-136.98	4.76	1,194.39	1,475.40	1,413.62	61.78	23.881		
6,100.00	5,789.27	5,928.50	5,790.05	36.54	30.35	-137.52	3.93	1,202.94	1,500.97	1,438.30	62.67	23.950		
6,200.00	5,883.34	6,023.06	5,884.45	37.17	30.72	-138.15	3.42	1,208.29	1,526.73	1,463.21	63.52	24.036		
6,300.00	5,977.41	6,116.41	5,977.78	37.81	31.08	-138.88	3.20	1,210.53	1,552.75	1,488.43	64.32	24.140		
6,400.00	6,071.48	6,210.11	6,071.48	38.44	31.41	-139.66	3.19	1,210.61	1,579.11	1,514.01	65.10	24.258		
6,500.00	6,165.55	6,304.18	6,165.55	39.08	31.75	-140.43	3.19	1,210.61	1,605.75	1,539.87	65.87	24.376		
6,600.00	6,259.62	6,401.75	6,259.62	39.72	32.10	-141.17	3.19	1,210.61	1,632.66	1,566.00	66.67	24.490		
6,677.33	6,332.36	6,471.00	6,332.36	40.21	32.35	-141.73	3.19	1,210.61	1,653.65	1,586.39	67.26	24.587		
6,700.00	6,353.76	6,492.40	6,353.76	40.35	32.43	-147.41	3.19	1,210.61	1,659.86	1,592.42	67.43	24.614		
6,750.00	6,401.37	6,540.00	6,401.37	40.64	32.60	-161.82	3.19	1,210.61	1,673.72	1,605.89	67.82	24.678		
6,800.00	6,449.30	6,588.90	6,450.25	40.89	32.78	-178.16	3.19	1,210.04	1,687.70	1,619.49	68.21	24.743		
6,850.00	6,497.25	6,638.54	6,499.72	41.11	32.95	165.31	3.17	1,206.02	1,701.66	1,633.08	68.58	24.814		
6,900.00	6,544.95	6,688.05	6,548.59	41.29	33.13	150.56	3.13	1,198.18	1,715.51	1,646.58	68.93	24.887		
6,950.00	6,592.08	6,737.48	6,596.63	41.45	33.31	138.50	3.07	1,186.59	1,729.17	1,659.88	69.29	24.957		
7,000.00	6,638.35	6,786.86	6,643.58	41.58	33.51	128.99	2.99	1,171.32	1,742.54	1,672.89	69.65	25.018		
7,050.00	6,683.50	6,836.23	6,689.19	41.70	33.72	121.53	2.89	1,152.47	1,755.55	1,685.51	70.03	25.067		
7,100.00	6,727.22	6,885.61	6,733.22	41.81	33.94	115.61	2.77	1,130.13	1,768.11	1,697.67	70.44	25.101		
7,150.00	6,769.26	6,935.03	6,775.41	41.92	34.19	110.82	2.64	1,104.43	1,780.14	1,709.26	70.88	25.115		
7,200.00	6,809.36	6,984.51	6,815.54	42.03	34.47	106.89	2.48	1,075.49	1,791.58	1,720.22	71.36	25.107		
7,250.00	6,847.27	7,034.07	6,853.35	42.15	34.77	103.62	2.32	1,043.48	1,802.35	1,730.46	71.88	25.073		
7,300.00	6,882.75	7,083.70	6,888.61	42.27	35.10	100.88	2.13	1,008.56	1,812.38	1,739.91	72.46	25.011		
7,350.00	6,915.58	7,133.42	6,921.09	42.41	35.47	98.56	1.94	970.94	1,821.61	1,748.50	73.11	24.918		
7,400.00	6,945.57	7,183.21	6,950.59	42.57	35.87	96.59	1.73	930.84	1,829.98	1,756.17	73.82	24.791		
7,450.00	6,972.53	7,233.07	6,976.89	42.75	36.32	94.94	1.50	888.50	1,837.45	1,762.85	74.60	24.631		
7,500.00	6,996.30	7,282.98	6,999.82	42.95	36.80	93.55	1.27	844.18	1,843.97	1,768.50	75.46	24.435		
7,550.00	7,016.72	7,332.92	7,019.22	43.17	37.33	92.41	1.03	798.18	1,849.49	1,773.08	76.40	24.206		
7,600.00	7,033.66	7,382.86	7,034.96	43.43	37.89	91.50	0.78	750.80	1,853.98	1,776.55	77.43	23.945		
7,650.00	7,047.04	7,432.77	7,046.92	43.72	38.49	90.79	0.53	702.36	1,857.42	1,778.90	78.52	23.656		
7,700.00	7,056.76	7,482.61	7,055.05	44.05	39.11	90.28	0.27	653.20	1,859.78	1,780.10	79.68	23.341		
7,750.00	7,062.76	7,532.36	7,059.31	44.41	39.76	89.96	0.01	603.64	1,861.05	1,780.16	80.90	23.005		
7,799.36	7,065.00	7,581.52	7,060.05	44.81	40.41	89.84	-0.25	554.50	1,861.23	1,779.08	82.15	22.657		
7,900.00	7,065.83	7,682.16	7,060.28	45.73	41.88	89.83	-0.77	453.86	1,860.49	1,775.56	84.94	21.905		
8,000.00	7,066.66	7,782.15	7,060.51	46.83	43.46	89.81	-1.30	353.87	1,859.76	1,771.78	87.99	21.137		
8,100.00	7,067.49	7,882.15	7,060.74	48.11	45.17	89.79	-1.82	253.87	1,859.03	1,767.74	91.29	20.364		
8,200.00	7,068.31	7,982.14	7,060.97	49.55	47.00	89.77	-2.34	153.88	1,858.30	1,763.48	94.83	19.597		
8,300.00	7,069.14	8,082.14	7,061.20	51.14	48.92	89.75	-2.87	53.89	1,857.57	1,759.01	98.57	18.846		
8,400.00	7,069.96	8,182.14	7,061.43	52.86	50.93	89.73	-3.39	-46.11	1,856.84	1,754.35	102.49	18.118		
8,500.00	7,070.79	8,282.13	7,061.66	54.70	53.02	89.71	-3.92	-146.10	1,856.11	1,749.54	106.57	17.417		
8,600.00	7,071.61	8,382.13	7,061.89	56.64	55.18	89.70	-4.44	-246.09	1,855.38	1,744.58	110.80	16.745		
8,700.00	7,072.44	8,482.12	7,062.12	58.68	57.40	89.68	-4.96	-346.09	1,854.65	1,739.49	115.16	16.105		
8,800.00	7,073.27	8,582.12	7,062.35	60.78	59.68	89.66	-5.49	-446.08	1,853.92	1,734.29	119.63	15.497		
8,900.00	7,074.09	8,682.11	7,062.58	62.96	62.00	89.64	-6.01	-546.08	1,853.19	1,728.99	124.20	14.921		
9,000.00	7,074.92	8,782.11	7,062.81	65.19	64.37	89.62	-6.54	-646.07	1,852.46	1,723.59	128.87	14.375		

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

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

Offset Design Falken 9-11 PAD - Falken 33N-9B-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Reference (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,100.00	7,075.74	8,882.10	7,063.04	67.48	66.77	89.60	89.60	-7.06	-746.06	1,851.73	1,718.12	133.62	13.859	
9,200.00	7,076.57	8,982.10	7,063.28	69.82	69.21	89.59	89.59	-7.58	-846.06	1,851.00	1,712.57	138.44	13.371	
9,300.00	7,077.40	9,082.10	7,063.51	72.19	71.68	89.57	89.57	-8.11	-946.05	1,850.27	1,706.95	143.32	12.910	
9,400.00	7,078.22	9,182.09	7,063.74	74.61	74.18	89.55	89.55	-8.63	-1,046.05	1,849.55	1,701.28	148.27	12.474	
9,500.00	7,079.05	9,282.09	7,063.97	77.05	76.70	89.53	89.53	-9.16	-1,146.04	1,848.82	1,695.55	153.27	12.063	
9,600.00	7,079.87	9,382.08	7,064.20	79.53	79.25	89.51	89.51	-9.68	-1,246.03	1,848.09	1,689.78	158.31	11.674	
9,700.00	7,080.70	9,482.08	7,064.43	82.03	81.82	89.49	89.49	-10.20	-1,346.03	1,847.36	1,683.96	163.40	11.305	
9,800.00	7,081.53	9,582.07	7,064.66	84.55	84.40	89.47	89.47	-10.73	-1,446.02	1,846.63	1,678.10	168.54	10.957	
9,900.00	7,082.35	9,682.07	7,064.89	87.10	87.00	89.45	89.45	-11.25	-1,546.02	1,845.91	1,672.20	173.70	10.627	
10,000.00	7,083.18	9,782.06	7,065.12	89.67	89.62	89.44	89.44	-11.78	-1,646.01	1,845.18	1,666.27	178.91	10.314	
10,100.00	7,084.00	9,882.06	7,065.35	92.25	92.26	89.42	89.42	-12.30	-1,746.00	1,844.45	1,660.31	184.14	10.017	
10,200.00	7,084.83	9,982.06	7,065.58	94.86	94.90	89.40	89.40	-12.82	-1,846.00	1,843.72	1,654.33	189.40	9.735	
10,300.00	7,085.65	10,082.05	7,065.81	97.47	97.56	89.38	89.38	-13.35	-1,945.99	1,843.00	1,648.31	194.68	9.467	
10,400.00	7,086.48	10,182.05	7,066.04	100.10	100.23	89.36	89.36	-13.87	-2,045.98	1,842.27	1,642.28	199.99	9.212	
10,500.00	7,087.31	10,282.04	7,066.27	102.75	102.91	89.34	89.34	-14.40	-2,145.98	1,841.54	1,636.22	205.32	8.969	
10,600.00	7,088.13	10,382.04	7,066.50	105.40	105.60	89.32	89.32	-14.92	-2,245.97	1,840.82	1,630.14	210.67	8.738	
10,700.00	7,088.96	10,482.03	7,066.73	108.07	108.29	89.30	89.30	-15.44	-2,345.97	1,840.09	1,624.05	216.04	8.517	
10,800.00	7,089.78	10,582.03	7,066.96	110.75	111.00	89.29	89.29	-15.97	-2,445.96	1,839.37	1,617.93	221.43	8.307	
10,900.00	7,090.61	10,682.02	7,067.19	113.43	113.71	89.27	89.27	-16.49	-2,545.95	1,838.64	1,611.81	226.83	8.106	
11,000.00	7,091.44	10,782.02	7,067.43	116.13	116.43	89.25	89.25	-17.02	-2,645.95	1,837.91	1,605.66	232.25	7.913	
11,100.00	7,092.26	10,882.02	7,067.66	118.83	119.16	89.23	89.23	-17.54	-2,745.94	1,837.19	1,599.51	237.68	7.730	
11,200.00	7,093.09	10,982.01	7,067.89	121.54	121.89	89.21	89.21	-18.06	-2,845.94	1,836.46	1,593.34	243.13	7.553	
11,300.00	7,093.91	11,082.01	7,068.12	124.25	124.63	89.19	89.19	-18.59	-2,945.93	1,835.74	1,587.15	248.59	7.385	
11,400.00	7,094.74	11,182.00	7,068.35	126.98	127.37	89.17	89.17	-19.11	-3,045.92	1,835.02	1,580.96	254.05	7.223	
11,500.00	7,095.57	11,282.00	7,068.58	129.70	130.12	89.15	89.15	-19.64	-3,145.92	1,834.29	1,574.76	259.53	7.068	
11,600.00	7,096.39	11,381.99	7,068.81	132.44	132.87	89.13	89.13	-20.16	-3,245.91	1,833.57	1,568.54	265.02	6.919	
11,700.00	7,097.22	11,481.99	7,069.04	135.18	135.63	89.12	89.12	-20.68	-3,345.91	1,832.84	1,562.32	270.52	6.775	
11,800.00	7,098.04	11,581.98	7,069.27	137.92	138.39	89.10	89.10	-21.21	-3,445.90	1,832.12	1,556.09	276.03	6.637	
11,900.00	7,098.87	11,681.98	7,069.50	140.67	141.15	89.08	89.08	-21.73	-3,545.89	1,831.39	1,549.85	281.54	6.505	
12,000.00	7,099.69	11,781.98	7,069.73	143.43	143.92	89.06	89.06	-22.26	-3,645.89	1,830.67	1,543.61	287.07	6.377	
12,100.00	7,100.52	11,881.97	7,069.96	146.19	146.69	89.04	89.04	-22.78	-3,745.88	1,829.95	1,537.35	292.60	6.254	
12,200.00	7,101.35	11,981.97	7,070.19	148.95	149.47	89.02	89.02	-23.30	-3,845.88	1,829.23	1,531.09	298.13	6.136	
12,300.00	7,102.17	12,081.96	7,070.42	151.71	152.25	89.00	89.00	-23.83	-3,945.87	1,828.50	1,524.83	303.68	6.021	
12,400.00	7,103.00	12,181.96	7,070.65	154.48	155.03	88.98	88.98	-24.35	-4,045.86	1,827.78	1,518.55	309.23	5.911	
12,500.00	7,103.82	12,281.95	7,070.88	157.26	157.81	88.96	88.96	-24.88	-4,145.86	1,827.06	1,512.28	314.78	5.804	
12,600.00	7,104.65	12,381.95	7,071.11	160.03	160.60	88.94	88.94	-25.40	-4,245.85	1,826.34	1,505.99	320.34	5.701	
12,700.00	7,105.48	12,481.94	7,071.34	162.81	163.39	88.93	88.93	-25.92	-4,345.84	1,825.61	1,499.70	325.91	5.602	
12,800.00	7,106.30	12,581.94	7,071.57	165.59	166.18	88.91	88.91	-26.45	-4,445.84	1,824.89	1,493.41	331.48	5.505	
12,900.00	7,107.13	12,681.94	7,071.81	168.38	168.98	88.89	88.89	-26.97	-4,545.83	1,824.17	1,487.11	337.06	5.412	
13,000.00	7,107.95	12,781.93	7,072.04	171.16	171.77	88.87	88.87	-27.50	-4,645.83	1,823.45	1,480.81	342.64	5.322	
13,100.00	7,108.78	12,881.93	7,072.27	173.95	174.57	88.85	88.85	-28.02	-4,745.82	1,822.73	1,474.50	348.22	5.234	
13,200.00	7,109.61	12,981.92	7,072.50	176.74	177.37	88.83	88.83	-28.54	-4,845.81	1,822.01	1,468.20	353.81	5.150	
13,300.00	7,110.43	13,081.92	7,072.73	179.54	180.17	88.81	88.81	-29.07	-4,945.81	1,821.29	1,461.88	359.40	5.068	
13,368.87	7,111.00	13,150.78	7,072.89	181.46	182.10	88.80	88.80	-29.43	-5,014.67	1,820.79	1,457.53	363.26	5.012 SF	

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.64	75.05	0.83	75.06					
100.00	100.00	100.00	100.00	3.28	3.28	0.64	75.05	0.83	75.06	68.49	6.57	11.425		
200.00	200.00	200.00	200.00	3.34	3.34	0.64	75.05	0.83	75.06	68.38	6.67	11.246 CC, ES		
300.00	299.98	301.30	301.27	3.44	3.44	-143.32	74.16	2.39	75.60	68.71	6.89	10.979		
400.00	399.84	402.56	402.39	3.59	3.60	-142.16	71.47	7.03	77.24	70.04	7.20	10.732		
500.00	499.45	503.75	503.18	3.79	3.81	-140.34	67.01	14.77	80.04	72.44	7.61	10.525		
600.00	598.70	604.83	603.49	4.04	4.06	-138.01	60.77	25.57	84.08	75.98	8.10	10.382		
700.00	697.47	705.78	703.16	4.32	4.35	-135.32	52.78	39.40	89.44	80.77	8.67	10.315		
800.00	795.62	806.56	802.04	4.65	4.68	-132.44	43.06	56.24	96.20	86.89	9.32	10.326		
900.00	893.06	906.73	899.65	5.01	5.04	-129.69	31.83	75.70	104.50	94.47	10.03	10.419		
1,000.00	989.64	1,006.15	996.40	5.41	5.44	-128.41	20.38	95.52	114.98	104.18	10.80	10.643		
1,100.00	1,085.27	1,105.34	1,092.93	5.85	5.85	-128.52	8.97	115.29	127.64	116.01	11.63	10.976		
1,191.50	1,171.82	1,204.21	1,180.95	6.29	6.29	-129.52	-1.44	133.33	141.13	128.68	12.46	11.330		
1,200.00	1,179.82	1,204.18	1,189.11	6.34	6.29	-129.67	-2.41	135.00	142.48	129.98	12.50	11.401		
1,300.00	1,273.89	1,302.84	1,285.12	6.85	6.73	-131.17	-13.77	154.67	158.33	144.94	13.39	11.825		
1,400.00	1,367.96	1,401.49	1,381.13	7.38	7.19	-132.41	-25.12	174.34	174.27	159.96	14.31	12.181		
1,500.00	1,462.03	1,500.15	1,477.14	7.93	7.65	-133.43	-36.48	194.01	190.27	175.03	15.24	12.483		
1,600.00	1,556.10	1,601.19	1,573.14	8.49	8.14	-134.30	-47.84	213.68	206.33	190.12	16.21	12.731		
1,700.00	1,650.17	1,702.53	1,669.15	9.06	8.63	-135.04	-59.19	233.35	222.42	205.24	17.18	12.943		
1,800.00	1,744.24	1,803.87	1,765.16	9.65	9.13	-135.68	-70.55	253.02	238.55	220.37	18.17	13.125		
1,900.00	1,838.31	1,905.21	1,861.17	10.23	9.63	-136.24	-81.91	272.69	254.70	235.52	19.17	13.283		
2,000.00	1,932.38	2,006.56	1,957.18	10.83	10.14	-136.73	-93.26	292.36	270.87	250.69	20.18	13.421		
2,100.00	2,026.45	2,107.90	2,053.19	11.43	10.65	-137.17	-104.62	312.03	287.06	265.86	21.20	13.543		
2,200.00	2,120.52	2,209.24	2,149.19	12.03	11.16	-137.56	-115.98	331.70	303.26	281.04	22.22	13.650		
2,300.00	2,214.59	2,289.42	2,245.20	12.63	11.57	-137.91	-127.33	351.37	319.48	296.34	23.14	13.807		
2,400.00	2,308.66	2,388.08	2,341.21	13.24	12.07	-138.23	-138.69	371.04	335.70	311.55	24.15	13.898		
2,500.00	2,402.73	2,486.74	2,437.22	13.86	12.58	-138.51	-150.05	390.71	351.94	326.76	25.18	13.979		
2,600.00	2,496.80	2,585.40	2,533.23	14.47	13.09	-138.78	-161.40	410.38	368.18	341.98	26.20	14.053		
2,700.00	2,590.87	2,684.05	2,629.24	15.09	13.60	-139.02	-172.76	430.05	384.43	357.21	27.23	14.119		
2,800.00	2,684.95	2,782.71	2,725.24	15.71	14.11	-139.24	-184.11	449.72	400.69	372.43	28.26	14.180		
2,900.00	2,779.02	2,881.37	2,821.25	16.33	14.62	-139.44	-195.47	469.39	416.95	387.66	29.29	14.235		
3,000.00	2,873.09	2,980.03	2,917.26	16.95	15.13	-139.63	-206.83	489.06	433.22	402.89	30.32	14.286		
3,100.00	2,967.16	3,078.69	3,013.27	17.57	15.64	-139.81	-218.18	508.73	449.49	418.13	31.36	14.333		
3,200.00	3,061.23	3,177.35	3,109.28	18.20	16.16	-139.97	-229.54	528.40	465.76	433.36	32.40	14.375		
3,300.00	3,155.30	3,276.01	3,205.29	18.82	16.68	-140.12	-240.90	548.07	482.04	448.60	33.44	14.415		
3,400.00	3,249.37	3,374.66	3,301.29	19.45	17.19	-140.26	-252.25	567.74	498.32	463.84	34.48	14.452		
3,500.00	3,343.44	3,473.32	3,397.30	20.07	17.71	-140.39	-263.61	587.41	514.61	479.08	35.53	14.486		
3,600.00	3,437.51	3,571.98	3,493.31	20.70	18.23	-140.52	-274.97	607.08	530.89	494.32	36.57	14.517		
3,700.00	3,531.58	3,670.64	3,589.32	21.33	18.74	-140.64	-286.32	626.75	547.18	509.57	37.62	14.547		
3,800.00	3,625.65	3,769.30	3,685.33	21.96	19.26	-140.75	-297.68	646.42	563.47	524.81	38.66	14.574		
3,900.00	3,719.72	3,867.96	3,781.34	22.59	19.78	-140.85	-309.04	666.09	579.76	540.05	39.71	14.600		
4,000.00	3,813.79	3,966.61	3,877.35	23.22	20.30	-140.95	-320.39	685.76	596.06	555.30	40.76	14.624		
4,100.00	3,907.86	4,065.27	3,973.35	23.85	20.82	-141.04	-331.75	705.43	612.35	570.55	41.81	14.647		
4,200.00	4,001.93	4,163.93	4,069.36	24.48	21.34	-141.13	-343.11	725.10	628.65	585.79	42.86	14.668		
4,300.00	4,096.00	4,262.59	4,165.37	25.11	21.86	-141.21	-354.46	744.77	644.95	601.04	43.91	14.689		
4,400.00	4,190.07	4,361.25	4,261.38	25.75	22.39	-141.29	-365.82	764.45	661.25	616.29	44.96	14.708		
4,500.00	4,284.14	4,459.91	4,357.39	26.38	22.91	-141.37	-377.18	784.12	677.55	631.54	46.01	14.726		
4,600.00	4,378.21	4,558.57	4,453.40	27.01	23.43	-141.44	-388.53	803.79	693.85	646.79	47.06	14.743		
4,700.00	4,472.28	4,657.22	4,549.40	27.65	23.95	-141.51	-399.89	823.46	710.16	662.04	48.12	14.759		
4,800.00	4,566.35	4,755.88	4,645.41	28.28	24.47	-141.58	-411.25	843.13	726.46	677.29	49.17	14.774		
4,900.00	4,660.42	4,854.54	4,741.42	28.91	25.00	-141.64	-422.60	862.80	742.77	692.54	50.23	14.789		
5,000.00	4,754.49	4,953.20	4,837.43	29.55	25.52	-141.70	-433.96	882.47	759.07	707.79	51.28	14.802		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	5,051.86	4,933.44	30.18	26.04	-141.76	-445.32	902.14	775.38	723.05	52.34	14.816		
5,200.00	4,942.63	5,150.52	5,029.45	30.82	26.56	-141.81	-456.67	921.81	791.69	738.30	53.39	14.828		
5,300.00	5,036.70	5,249.18	5,125.45	31.45	27.09	-141.87	-468.03	941.48	808.00	753.55	54.45	14.840		
5,400.00	5,130.77	5,347.83	5,221.46	32.09	27.61	-141.92	-479.39	961.15	824.31	768.80	55.50	14.851		
5,500.00	5,224.84	5,446.49	5,317.47	32.72	28.13	-141.97	-490.74	980.82	840.62	784.06	56.56	14.862		
5,600.00	5,318.91	5,545.15	5,413.48	33.36	28.66	-142.01	-502.10	1,000.49	856.93	799.31	57.62	14.873		
5,700.00	5,412.98	5,643.81	5,509.49	33.99	29.18	-142.06	-513.46	1,020.16	873.24	814.56	58.67	14.883		
5,800.00	5,507.06	5,742.47	5,605.50	34.63	29.71	-142.10	-524.81	1,039.83	889.55	829.82	59.73	14.892		
5,900.00	5,601.13	5,841.13	5,701.51	35.26	30.23	-142.15	-536.17	1,059.50	905.86	845.07	60.79	14.902		
6,000.00	5,695.20	5,939.78	5,797.51	35.90	30.75	-142.19	-547.52	1,079.17	922.17	860.32	61.85	14.910		
6,100.00	5,789.27	6,038.44	5,893.52	36.54	31.28	-142.23	-558.88	1,098.84	938.48	875.58	62.91	14.919		
6,200.00	5,883.34	6,137.10	5,989.53	37.17	31.80	-142.26	-570.24	1,118.51	954.80	890.83	63.96	14.927		
6,300.00	5,977.41	6,235.76	6,085.54	37.81	32.33	-142.30	-581.59	1,138.18	971.11	906.09	65.02	14.935		
6,400.00	6,071.48	6,334.42	6,181.55	38.44	32.85	-142.34	-592.95	1,157.85	987.43	921.34	66.08	14.942		
6,500.00	6,165.55	6,433.08	6,277.56	39.08	33.38	-142.37	-604.31	1,177.52	1,003.74	936.60	67.14	14.950		
6,600.00	6,259.62	6,531.48	6,373.33	39.72	33.90	-142.41	-615.63	1,197.05	1,020.06	951.86	68.20	14.958		
6,677.33	6,332.36	6,605.37	6,446.12	40.21	34.25	-142.74	-624.00	1,206.33	1,032.78	963.87	68.90	14.989		
6,700.00	6,353.76	6,626.73	6,467.32	40.35	34.34	-148.21	-626.36	1,207.42	1,036.57	967.49	69.08	15.005		
6,750.00	6,401.37	6,673.48	6,513.78	40.64	34.51	-162.23	-631.44	1,207.32	1,045.15	975.70	69.45	15.050		
6,800.00	6,449.30	6,719.79	6,559.69	40.89	34.66	-178.27	-636.31	1,203.84	1,053.96	984.19	69.77	15.106		
6,850.00	6,497.25	6,765.69	6,604.84	41.11	34.81	165.49	-640.96	1,197.10	1,062.95	992.88	70.08	15.168		
6,900.00	6,544.95	6,811.23	6,649.06	41.29	34.95	151.02	-645.37	1,187.19	1,072.06	1,001.69	70.37	15.234		
6,950.00	6,592.08	6,856.44	6,692.17	41.45	35.10	139.22	-649.52	1,174.24	1,081.22	1,010.55	70.67	15.300		
7,000.00	6,638.35	6,901.37	6,734.01	41.58	35.25	129.98	-653.41	1,158.37	1,090.36	1,019.39	70.98	15.362		
7,050.00	6,683.50	6,946.07	6,774.44	41.70	35.41	122.77	-657.02	1,139.68	1,099.44	1,028.13	71.30	15.419		
7,100.00	6,727.22	6,990.55	6,813.30	41.81	35.58	117.08	-660.34	1,118.29	1,108.38	1,036.73	71.65	15.468		
7,150.00	6,769.26	7,034.88	6,850.46	41.92	35.76	112.52	-663.37	1,094.33	1,117.13	1,045.09	72.04	15.508		
7,200.00	6,809.36	7,079.07	6,885.78	42.03	35.96	108.80	-666.08	1,067.93	1,125.63	1,053.17	72.46	15.535		
7,250.00	6,847.27	7,123.17	6,919.13	42.15	36.18	105.72	-668.48	1,039.19	1,133.83	1,060.91	72.93	15.548		
7,300.00	6,882.75	7,167.20	6,950.39	42.27	36.42	103.14	-670.56	1,008.27	1,141.68	1,068.23	73.45	15.544		
7,350.00	6,915.58	7,211.20	6,979.44	42.41	36.68	100.98	-672.31	975.28	1,149.13	1,075.10	74.03	15.523		
7,400.00	6,945.57	7,255.20	7,006.16	42.57	36.97	99.15	-673.71	940.36	1,156.12	1,081.44	74.68	15.482		
7,450.00	6,972.53	7,299.21	7,030.44	42.75	37.28	97.61	-674.78	903.67	1,162.62	1,087.23	75.40	15.420		
7,500.00	6,996.30	7,343.28	7,052.16	42.95	37.63	96.33	-675.49	865.35	1,168.59	1,092.39	76.20	15.336		
7,550.00	7,016.72	7,387.41	7,071.24	43.17	38.01	95.27	-675.85	825.56	1,174.00	1,096.92	77.08	15.230		
7,600.00	7,033.66	7,431.64	7,087.56	43.43	38.42	94.41	-675.85	784.47	1,178.81	1,100.76	78.05	15.104		
7,650.00	7,047.04	7,475.98	7,101.04	43.72	38.86	93.75	-675.49	742.24	1,182.99	1,103.90	79.09	14.958		
7,700.00	7,056.76	7,520.45	7,111.59	44.05	39.33	93.27	-674.77	699.05	1,186.52	1,106.32	80.20	14.795		
7,750.00	7,062.76	7,565.07	7,119.15	44.41	39.83	92.97	-673.69	655.10	1,189.39	1,108.01	81.37	14.616		
7,799.36	7,065.00	7,609.28	7,123.59	44.81	40.35	92.84	-672.27	611.15	1,191.54	1,108.96	82.59	14.428		
7,900.00	7,065.83	7,705.29	7,125.13	45.73	41.56	92.86	-668.27	515.25	1,195.55	1,110.33	85.22	14.029		
8,000.00	7,066.66	7,805.20	7,125.37	46.83	42.96	92.83	-663.96	415.43	1,199.62	1,111.49	88.13	13.612		
8,100.00	7,067.49	7,905.12	7,125.61	48.11	44.51	92.79	-659.65	315.61	1,203.69	1,112.39	91.30	13.183		
8,200.00	7,068.31	8,005.03	7,125.85	49.55	46.19	92.75	-655.35	215.79	1,207.76	1,113.04	94.72	12.751		
8,300.00	7,069.14	8,104.95	7,126.09	51.14	47.99	92.72	-651.04	115.97	1,211.83	1,113.48	98.35	12.322		
8,400.00	7,069.96	8,204.86	7,126.33	52.86	49.89	92.68	-646.73	16.15	1,215.90	1,113.73	102.17	11.901		
8,500.00	7,070.79	8,304.77	7,126.57	54.70	51.88	92.64	-642.42	-83.67	1,219.97	1,113.81	106.16	11.492		
8,600.00	7,071.61	8,404.69	7,126.81	56.64	53.96	92.61	-638.11	-183.49	1,224.04	1,113.74	110.30	11.097		
8,700.00	7,072.44	8,504.60	7,127.05	58.68	56.11	92.57	-633.81	-283.32	1,228.11	1,113.53	114.58	10.718		
8,800.00	7,073.27	8,604.52	7,127.29	60.78	58.32	92.53	-629.50	-383.14	1,232.19	1,113.20	118.98	10.356		
8,900.00	7,074.09	8,715.83	7,127.55	62.96	60.85	92.49	-624.82	-494.35	1,236.19	1,112.51	123.68	9.995		
9,000.00	7,074.92	8,869.84	7,127.92	65.19	64.42	92.45	-623.60	-648.34	1,236.53	1,107.42	129.11	9.577		

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

Offset Design Falken 9-11 PAD - Falken 33N-9C-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	8,969.83	7,128.16	67.48	66.78	92.43	-624.58	-748.32	1,235.32	1,101.49	133.83	9.231		
9,200.00	7,076.57	9,069.82	7,128.40	69.82	69.18	92.40	-625.56	-848.31	1,234.10	1,095.49	138.62	8.903		
9,300.00	7,077.40	9,169.81	7,128.64	72.19	71.62	92.38	-626.54	-948.30	1,232.89	1,089.42	143.47	8.593		
9,400.00	7,078.22	9,269.80	7,128.88	74.61	74.08	92.35	-627.52	-1,048.28	1,231.67	1,083.28	148.39	8.300		
9,500.00	7,079.05	9,369.79	7,129.12	77.05	76.58	92.33	-628.50	-1,148.27	1,230.46	1,077.10	153.36	8.023		
9,600.00	7,079.87	9,469.78	7,129.36	79.53	79.09	92.30	-629.49	-1,248.25	1,229.25	1,070.86	158.38	7.761		
9,700.00	7,080.70	9,569.78	7,129.60	82.03	81.63	92.28	-630.47	-1,348.24	1,228.03	1,064.58	163.45	7.513		
9,800.00	7,081.53	9,669.77	7,129.84	84.55	84.20	92.25	-631.45	-1,448.23	1,226.82	1,058.26	168.56	7.278		
9,900.00	7,082.35	9,769.76	7,130.08	87.10	86.78	92.23	-632.43	-1,548.21	1,225.61	1,051.90	173.71	7.056		
10,000.00	7,083.18	9,869.75	7,130.32	89.67	89.37	92.20	-633.41	-1,648.20	1,224.39	1,045.50	178.89	6.844		
10,100.00	7,084.00	9,969.74	7,130.56	92.25	91.99	92.18	-634.39	-1,748.19	1,223.18	1,039.08	184.10	6.644		
10,200.00	7,084.83	10,069.73	7,130.80	94.86	94.62	92.15	-635.38	-1,848.17	1,221.97	1,032.63	189.34	6.454		
10,300.00	7,085.65	10,169.72	7,131.04	97.47	97.26	92.12	-636.36	-1,948.16	1,220.76	1,026.15	194.61	6.273		
10,400.00	7,086.48	10,269.71	7,131.28	100.10	99.91	92.10	-637.34	-2,048.14	1,219.54	1,019.64	199.90	6.101		
10,500.00	7,087.31	10,369.71	7,131.52	102.75	102.57	92.07	-638.32	-2,148.13	1,218.33	1,013.11	205.22	5.937		
10,600.00	7,088.13	10,469.70	7,131.76	105.40	105.25	92.05	-639.30	-2,248.12	1,217.12	1,006.57	210.55	5.781		
10,700.00	7,088.96	10,569.69	7,132.00	108.07	107.93	92.02	-640.29	-2,348.10	1,215.91	1,000.00	215.91	5.632		
10,800.00	7,089.78	10,669.68	7,132.23	110.75	110.62	92.00	-641.27	-2,448.09	1,214.70	993.42	221.28	5.489		
10,900.00	7,090.61	10,769.67	7,132.47	113.43	113.32	91.97	-642.25	-2,548.07	1,213.49	986.82	226.67	5.353		
11,000.00	7,091.44	10,869.66	7,132.71	116.13	116.03	91.95	-643.23	-2,648.06	1,212.28	980.20	232.08	5.224		
11,100.00	7,092.26	10,969.65	7,132.95	118.83	118.74	91.92	-644.21	-2,748.05	1,211.07	973.57	237.50	5.099		
11,200.00	7,093.09	11,069.64	7,133.19	121.54	121.47	91.89	-645.19	-2,848.03	1,209.86	966.93	242.93	4.980		
11,300.00	7,093.91	11,169.63	7,133.43	124.25	124.19	91.87	-646.18	-2,948.02	1,208.65	960.27	248.38	4.866		
11,400.00	7,094.74	11,269.63	7,133.67	126.98	126.93	91.84	-647.16	-3,048.00	1,207.44	953.60	253.84	4.757		
11,500.00	7,095.57	11,369.62	7,133.91	129.70	129.67	91.82	-648.14	-3,147.99	1,206.23	946.92	259.31	4.652		
11,600.00	7,096.39	11,469.61	7,134.15	132.44	132.41	91.79	-649.12	-3,247.98	1,205.02	940.23	264.79	4.551		
11,700.00	7,097.22	11,569.60	7,134.39	135.18	135.16	91.76	-650.10	-3,347.96	1,203.81	933.54	270.28	4.454		
11,800.00	7,098.04	11,669.59	7,134.63	137.92	137.91	91.74	-651.09	-3,447.95	1,202.60	926.83	275.78	4.361		
11,900.00	7,098.87	11,769.58	7,134.87	140.67	140.67	91.71	-652.07	-3,547.93	1,201.40	920.11	281.28	4.271		
12,000.00	7,099.69	11,869.57	7,135.11	143.43	143.43	91.69	-653.05	-3,647.92	1,200.19	913.39	286.80	4.185		
12,100.00	7,100.52	11,969.56	7,135.35	146.19	146.19	91.66	-654.03	-3,747.91	1,198.98	906.66	292.32	4.102		
12,200.00	7,101.35	12,069.56	7,135.59	148.95	148.96	91.63	-655.01	-3,847.89	1,197.77	899.92	297.85	4.021		
12,300.00	7,102.17	12,169.55	7,135.83	151.71	151.73	91.61	-655.99	-3,947.88	1,196.57	893.18	303.39	3.944		
12,400.00	7,103.00	12,269.54	7,136.07	154.48	154.51	91.58	-656.98	-4,047.87	1,195.36	886.43	308.93	3.869		
12,500.00	7,103.82	12,369.53	7,136.31	157.26	157.28	91.55	-657.96	-4,147.85	1,194.15	879.67	314.48	3.797		
12,600.00	7,104.65	12,469.52	7,136.55	160.03	160.06	91.53	-658.94	-4,247.84	1,192.95	872.91	320.04	3.727		
12,700.00	7,105.48	12,569.51	7,136.79	162.81	162.85	91.50	-659.92	-4,347.82	1,191.74	866.14	325.60	3.660		
12,800.00	7,106.30	12,669.50	7,137.03	165.59	165.63	91.47	-660.90	-4,447.81	1,190.53	859.37	331.17	3.595		
12,900.00	7,107.13	12,769.49	7,137.27	168.38	168.42	91.45	-661.88	-4,547.80	1,189.33	852.59	336.74	3.532		
13,000.00	7,107.95	12,869.48	7,137.50	171.16	171.21	91.42	-662.87	-4,647.78	1,188.12	845.81	342.32	3.471		
13,100.00	7,108.78	12,969.48	7,137.74	173.95	174.00	91.39	-663.85	-4,747.77	1,186.92	839.02	347.90	3.412		
13,200.00	7,109.61	13,069.47	7,137.98	176.74	176.80	91.37	-664.83	-4,847.75	1,185.71	832.23	353.48	3.354		
13,300.00	7,110.43	13,169.46	7,138.22	179.54	179.59	91.34	-665.81	-4,947.74	1,184.51	825.43	359.07	3.299		
13,368.87	7,111.00	13,238.32	7,138.39	181.46	181.52	91.32	-666.49	-5,016.60	1,183.68	820.75	362.93	3.261 SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.53	29.87	0.28	29.87					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	29.87	0.28	29.87	23.31	6.57	4.548		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	29.87	0.28	29.87	23.20	6.67	4.476 CC, ES		
300.00	299.98	299.98	299.98	3.44	3.44	-145.69	29.87	0.28	31.30	24.41	6.89	4.546		
400.00	399.84	400.79	400.77	3.59	3.60	-148.63	28.59	1.50	34.37	27.17	7.20	4.777		
500.00	499.45	501.73	501.56	3.79	3.79	-150.43	24.73	5.17	37.75	30.15	7.60	4.967		
600.00	598.70	602.77	602.21	4.04	4.03	-151.33	18.30	11.30	41.40	33.30	8.10	5.113		
700.00	697.47	703.93	702.59	4.32	4.31	-151.53	9.29	19.88	45.28	36.61	8.67	5.223		
800.00	795.62	805.19	802.58	4.65	4.62	-151.18	-2.30	30.92	49.38	40.08	9.30	5.308		
900.00	893.06	906.55	902.03	5.01	4.97	-150.42	-16.45	44.39	53.71	43.71	10.00	5.373		
1,000.00	989.64	1,008.01	1,000.82	5.41	5.35	-149.34	-33.16	60.31	58.27	47.53	10.74	5.425		
1,100.00	1,085.27	1,109.55	1,098.82	5.85	5.77	-148.03	-52.41	78.64	63.08	51.54	11.54	5.468		
1,191.50	1,171.82	1,201.27	1,186.72	6.29	6.18	-147.17	-71.36	96.68	68.36	56.07	12.29	5.560		
1,200.00	1,179.82	1,209.75	1,194.85	6.34	6.22	-147.16	-73.12	98.36	68.96	56.59	12.37	5.576		
1,300.00	1,273.89	1,309.50	1,290.43	6.85	6.69	-147.04	-93.79	118.04	76.01	62.78	13.23	5.744		
1,400.00	1,367.96	1,409.25	1,386.01	7.38	7.18	-146.94	-114.47	137.73	83.07	68.94	14.13	5.879		
1,500.00	1,462.03	1,509.00	1,481.58	7.93	7.68	-146.86	-135.14	157.42	90.12	75.07	15.05	5.987		
1,600.00	1,556.10	1,608.75	1,577.16	8.49	8.19	-146.78	-155.81	177.10	97.18	81.18	16.00	6.075		
1,700.00	1,650.17	1,708.50	1,672.74	9.06	8.71	-146.72	-176.49	196.79	104.23	87.27	16.96	6.146		
1,800.00	1,744.24	1,808.25	1,768.32	9.65	9.24	-146.67	-197.16	216.48	111.29	93.35	17.94	6.204		
1,900.00	1,838.31	1,908.00	1,863.90	10.23	9.77	-146.62	-217.83	236.16	118.34	99.42	18.93	6.253		
2,000.00	1,932.38	2,007.75	1,959.48	10.83	10.31	-146.58	-238.51	255.85	125.40	105.47	19.93	6.293		
2,100.00	2,026.45	2,107.50	2,055.06	11.43	10.85	-146.54	-259.18	275.54	132.45	111.52	20.94	6.326		
2,200.00	2,120.52	2,207.26	2,150.63	12.03	11.40	-146.51	-279.85	295.23	139.51	117.55	21.96	6.354		
2,300.00	2,214.59	2,307.01	2,246.21	12.63	11.95	-146.48	-300.53	314.91	146.56	123.58	22.98	6.378		
2,400.00	2,308.66	2,406.76	2,341.79	13.24	12.51	-146.45	-321.20	334.60	153.62	129.61	24.01	6.398		
2,500.00	2,402.73	2,506.51	2,437.37	13.86	13.07	-146.43	-341.87	354.29	160.68	135.63	25.05	6.415		
2,600.00	2,496.80	2,606.26	2,532.95	14.47	13.63	-146.40	-362.55	373.97	167.73	141.64	26.09	6.429		
2,700.00	2,590.87	2,706.01	2,628.53	15.09	14.19	-146.38	-383.22	393.66	174.79	147.65	27.13	6.441		
2,800.00	2,684.95	2,805.76	2,724.10	15.71	14.75	-146.36	-403.89	413.35	181.84	153.66	28.18	6.452		
2,900.00	2,779.02	2,905.51	2,819.68	16.33	15.32	-146.34	-424.57	433.04	188.90	159.66	29.24	6.461		
3,000.00	2,873.09	3,005.26	2,915.26	16.95	15.88	-146.33	-445.24	452.72	195.95	165.66	30.29	6.469		
3,100.00	2,967.16	3,105.01	3,010.84	17.57	16.45	-146.31	-465.91	472.41	203.01	171.66	31.35	6.476		
3,200.00	3,061.23	3,204.76	3,106.42	18.20	17.02	-146.30	-486.59	492.10	210.06	177.66	32.41	6.482		
3,300.00	3,155.30	3,304.51	3,202.00	18.82	17.59	-146.28	-507.26	511.78	217.12	183.65	33.47	6.487		
3,400.00	3,249.37	3,404.26	3,297.58	19.45	18.16	-146.27	-527.93	531.47	224.18	189.64	34.53	6.491		
3,500.00	3,343.44	3,504.02	3,393.15	20.07	18.73	-146.26	-548.61	551.16	231.23	195.63	35.60	6.495		
3,600.00	3,437.51	3,603.77	3,488.73	20.70	19.30	-146.25	-569.28	570.84	238.29	201.62	36.67	6.499		
3,700.00	3,531.58	3,703.52	3,584.31	21.33	19.88	-146.24	-589.95	590.53	245.34	207.61	37.74	6.501		
3,800.00	3,625.65	3,803.27	3,679.89	21.96	20.45	-146.23	-610.63	610.22	252.40	213.59	38.81	6.504		
3,900.00	3,719.72	3,903.02	3,775.47	22.59	21.03	-146.22	-631.30	629.91	259.45	219.58	39.88	6.506		
4,000.00	3,813.79	4,002.77	3,871.05	23.22	21.60	-146.21	-651.97	649.59	266.51	225.56	40.95	6.508		
4,100.00	3,907.86	4,102.52	3,966.62	23.85	22.18	-146.20	-672.65	669.28	273.56	231.54	42.02	6.510		
4,200.00	4,001.93	4,202.27	4,062.20	24.48	22.75	-146.19	-693.32	688.97	280.62	237.52	43.10	6.511		
4,300.00	4,096.00	4,302.02	4,157.78	25.11	23.33	-146.18	-713.99	708.65	287.68	243.50	44.18	6.512		
4,400.00	4,190.07	4,401.77	4,253.36	25.75	23.91	-146.17	-734.67	728.34	294.73	249.48	45.25	6.513		
4,500.00	4,284.14	4,501.52	4,348.94	26.38	24.48	-146.17	-755.34	748.03	301.79	255.46	46.33	6.514		
4,600.00	4,378.21	4,601.27	4,444.52	27.01	25.06	-146.16	-776.01	767.71	308.84	261.44	47.41	6.515		
4,700.00	4,472.28	4,701.02	4,540.10	27.65	25.64	-146.15	-796.69	787.40	315.90	267.41	48.49	6.515		
4,800.00	4,566.35	4,800.78	4,635.67	28.28	26.22	-146.15	-817.36	807.09	322.95	273.39	49.57	6.516		
4,900.00	4,660.42	4,900.53	4,731.25	28.91	26.79	-146.14	-838.04	826.78	330.01	279.36	50.65	6.516		
5,000.00	4,754.49	5,000.28	4,826.83	29.55	27.37	-146.14	-858.71	846.46	337.07	285.34	51.73	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 30N-14B-S
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 30N-14B-S	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 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		
5,100.00	4,848.56	5,100.03	4,922.41	30.18	27.95	-146.13	-879.38	866.15	344.12	291.31	52.81	6.517		
5,200.00	4,942.63	5,200.22	5,017.99	30.82	28.53	-146.13	-900.06	885.84	351.18	297.29	53.89	6.516		
5,300.00	5,036.70	5,300.47	5,113.57	31.45	29.11	-146.12	-920.73	905.52	358.23	303.26	54.98	6.516		
5,400.00	5,130.77	5,400.72	5,209.15	32.09	29.70	-146.12	-941.40	925.21	365.29	309.23	56.06	6.516		
5,500.00	5,224.84	5,500.97	5,304.72	32.72	30.28	-146.11	-962.08	944.90	372.34	315.20	57.15	6.516		
5,600.00	5,318.91	5,601.22	5,400.30	33.36	30.86	-146.11	-982.75	964.59	379.40	321.17	58.23	6.515		
5,700.00	5,412.98	5,701.47	5,495.88	33.99	31.45	-146.10	-1,003.42	984.27	386.46	327.14	59.32	6.515		
5,800.00	5,507.06	5,801.72	5,591.46	34.63	32.03	-146.10	-1,024.10	1,003.96	393.51	333.11	60.41	6.515		
5,900.00	5,601.13	5,901.97	5,687.04	35.26	32.61	-146.10	-1,044.77	1,023.65	400.57	339.07	61.49	6.514		
6,000.00	5,695.20	6,002.22	5,782.62	35.90	33.20	-146.09	-1,065.44	1,043.33	407.62	345.04	62.58	6.514		
6,100.00	5,789.27	6,097.54	5,878.19	36.54	33.75	-146.09	-1,086.12	1,063.02	414.68	351.04	63.64	6.516		
6,200.00	5,883.34	6,197.29	5,973.77	37.17	34.33	-146.08	-1,106.79	1,082.71	421.73	357.01	64.73	6.516		
6,300.00	5,977.41	6,302.96	6,069.35	37.81	34.95	-146.08	-1,127.46	1,102.39	428.79	362.95	65.84	6.512		
6,400.00	6,071.48	6,396.79	6,164.93	38.44	35.49	-146.08	-1,148.14	1,122.08	435.85	368.95	66.90	6.515		
6,500.00	6,165.55	6,503.46	6,260.51	39.08	36.11	-146.07	-1,168.81	1,141.77	442.90	374.88	68.02	6.511		
6,600.00	6,259.62	6,603.71	6,356.09	39.72	36.70	-146.07	-1,189.48	1,161.46	449.96	380.85	69.11	6.511		
6,677.33	6,332.36	6,673.42	6,430.00	40.21	37.10	-146.07	-1,205.47	1,176.68	455.41	385.50	69.91	6.514		
6,700.00	6,353.76	6,696.04	6,451.66	40.35	37.24	-151.12	-1,210.16	1,181.14	457.01	386.85	70.16	6.514		
6,750.00	6,401.37	6,745.68	6,499.25	40.64	37.52	-163.88	-1,220.45	1,190.82	460.53	389.76	70.76	6.508		
6,800.00	6,449.30	6,795.17	6,547.13	40.89	37.79	-178.54	-1,230.80	1,197.76	464.09	392.74	71.35	6.505		
6,850.00	6,497.25	6,845.03	6,595.76	41.11	38.03	-166.59	-1,241.30	1,200.88	467.69	395.80	71.89	6.506		
6,900.00	6,544.95	6,895.27	6,644.85	41.29	38.23	153.47	-1,251.89	1,200.08	471.31	398.92	72.39	6.511		
6,950.00	6,592.08	6,945.89	6,694.11	41.45	38.40	142.99	-1,262.50	1,195.26	474.93	402.07	72.86	6.518		
7,000.00	6,638.35	6,996.92	6,743.21	41.58	38.56	135.03	-1,273.07	1,186.38	478.53	405.21	73.32	6.527		
7,050.00	6,683.50	7,048.34	6,791.84	41.70	38.70	129.06	-1,283.53	1,173.38	482.07	408.30	73.77	6.535		
7,100.00	6,727.22	7,100.16	6,839.65	41.81	38.84	124.56	-1,293.80	1,156.27	485.53	411.31	74.22	6.542		
7,150.00	6,769.26	7,152.39	6,886.29	41.92	38.98	121.13	-1,303.81	1,135.06	488.89	414.22	74.67	6.547		
7,200.00	6,809.36	7,205.00	6,931.41	42.03	39.12	118.48	-1,313.47	1,109.81	492.12	416.99	75.13	6.550		
7,250.00	6,847.27	7,258.00	6,974.65	42.15	39.28	116.40	-1,322.73	1,080.62	495.19	419.57	75.62	6.549		
7,300.00	6,882.75	7,311.37	7,015.64	42.27	39.44	114.76	-1,331.48	1,047.60	498.08	421.96	76.13	6.543		
7,350.00	6,915.58	7,365.10	7,054.03	42.41	39.63	113.44	-1,339.67	1,010.94	500.77	424.10	76.67	6.531		
7,400.00	6,945.57	7,419.15	7,089.47	42.57	39.85	112.39	-1,347.21	970.85	503.23	425.97	77.26	6.514		
7,450.00	6,972.53	7,473.51	7,121.62	42.75	40.09	111.55	-1,354.03	927.59	505.45	427.54	77.90	6.488		
7,500.00	6,996.30	7,528.13	7,150.19	42.95	40.37	110.87	-1,360.07	881.44	507.39	428.78	78.61	6.455		
7,550.00	7,016.72	7,583.00	7,174.89	43.17	40.69	110.33	-1,365.27	832.74	509.05	429.67	79.38	6.413		
7,600.00	7,033.66	7,638.06	7,195.46	43.43	41.05	109.91	-1,369.57	781.87	510.41	430.18	80.23	6.361		
7,650.00	7,047.04	7,693.27	7,211.70	43.72	41.46	109.58	-1,372.94	729.22	511.46	430.29	81.17	6.301		
7,700.00	7,056.76	7,748.60	7,223.44	44.05	41.92	109.35	-1,375.33	675.23	512.19	430.01	82.18	6.233		
7,750.00	7,062.76	7,803.99	7,230.57	44.41	42.42	109.20	-1,376.72	620.33	512.59	429.32	83.26	6.156		
7,799.36	7,065.00	7,858.69	7,233.00	44.81	42.95	109.13	-1,377.10	565.71	512.66	428.26	84.40	6.074		
7,900.00	7,065.83	7,959.33	7,233.25	45.73	44.08	109.07	-1,376.88	465.07	512.47	425.45	87.02	5.889		
8,000.00	7,066.66	8,059.32	7,233.50	46.83	45.35	109.01	-1,376.67	365.07	512.28	422.42	89.87	5.701		
8,100.00	7,067.49	8,159.32	7,233.75	48.11	46.79	108.95	-1,376.46	265.07	512.10	419.15	92.94	5.510		
8,200.00	7,068.31	8,259.32	7,234.00	49.55	48.38	108.88	-1,376.25	165.07	511.91	415.68	96.24	5.319		
8,300.00	7,069.14	8,359.32	7,234.24	51.14	50.09	108.82	-1,376.04	65.08	511.73	412.01	99.72	5.132		
8,400.00	7,069.96	8,459.32	7,234.49	52.86	51.92	108.76	-1,375.83	-34.92	511.55	408.17	103.37	4.949		
8,500.00	7,070.79	8,559.32	7,234.74	54.70	53.84	108.70	-1,375.61	-134.92	511.36	404.18	107.18	4.771		
8,600.00	7,071.61	8,659.31	7,234.99	56.64	55.86	108.64	-1,375.40	-234.92	511.18	400.05	111.13	4.600		
8,700.00	7,072.44	8,759.31	7,235.24	58.68	57.95	108.58	-1,375.19	-334.92	511.00	395.79	115.21	4.435		
8,800.00	7,073.27	8,859.31	7,235.49	60.78	60.11	108.52	-1,374.98	-434.91	510.82	391.42	119.40	4.278		
8,900.00	7,074.09	8,959.31	7,235.74	62.96	62.34	108.45	-1,374.77	-534.91	510.64	386.94	123.69	4.128		
9,000.00	7,074.92	9,059.31	7,235.99	65.19	64.61	108.39	-1,374.56	-634.91	510.46	382.38	128.08	3.985		

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

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

Offset Design Falken 9-11 PAD - Falken 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		
9,100.00	7,075.74	9,159.31	7,236.23	67.48	66.93	108.33	-1,374.34	-734.91	510.28	377.73	132.55	3.850		
9,200.00	7,076.57	9,259.31	7,236.48	69.82	69.30	108.27	-1,374.13	-834.90	510.10	373.00	137.09	3.721		
9,300.00	7,077.40	9,359.30	7,236.73	72.19	71.70	108.21	-1,373.92	-934.90	509.92	368.21	141.71	3.598		
9,400.00	7,078.22	9,459.30	7,236.98	74.61	74.14	108.15	-1,373.71	-1,034.90	509.74	363.36	146.39	3.482		
9,500.00	7,079.05	9,559.30	7,237.23	77.05	76.61	108.08	-1,373.50	-1,134.90	509.57	358.44	151.12	3.372		
9,600.00	7,079.87	9,659.30	7,237.48	79.53	79.10	108.02	-1,373.28	-1,234.90	509.39	353.48	155.91	3.267		
9,700.00	7,080.70	9,759.30	7,237.73	82.03	81.62	107.96	-1,373.07	-1,334.89	509.21	348.47	160.74	3.168		
9,800.00	7,081.53	9,859.30	7,237.97	84.55	84.16	107.90	-1,372.86	-1,434.89	509.04	343.41	165.62	3.073		
9,900.00	7,082.35	9,959.29	7,238.22	87.10	86.73	107.84	-1,372.65	-1,534.89	508.86	338.32	170.54	2.984		
10,000.00	7,083.18	10,059.29	7,238.47	89.67	89.31	107.78	-1,372.44	-1,634.89	508.69	333.19	175.50	2.898		
10,100.00	7,084.00	10,159.29	7,238.72	92.25	91.91	107.71	-1,372.23	-1,734.89	508.52	328.02	180.50	2.817		
10,200.00	7,084.83	10,259.29	7,238.97	94.86	94.52	107.65	-1,372.01	-1,834.88	508.34	322.82	185.52	2.740		
10,300.00	7,085.65	10,359.29	7,239.22	97.47	97.15	107.59	-1,371.80	-1,934.88	508.17	317.59	190.58	2.666		
10,400.00	7,086.48	10,459.29	7,239.47	100.10	99.79	107.53	-1,371.59	-2,034.88	508.00	312.34	195.66	2.596		
10,500.00	7,087.31	10,559.28	7,239.72	102.75	102.44	107.46	-1,371.38	-2,134.88	507.83	307.06	200.77	2.529		
10,600.00	7,088.13	10,659.28	7,239.96	105.40	105.11	107.40	-1,371.17	-2,234.87	507.66	301.75	205.90	2.466		
10,700.00	7,088.96	10,759.28	7,240.21	108.07	107.78	107.34	-1,370.96	-2,334.87	507.49	296.43	211.06	2.404		
10,800.00	7,089.78	10,859.28	7,240.46	110.75	110.46	107.28	-1,370.74	-2,434.87	507.32	291.08	216.24	2.346		
10,900.00	7,090.61	10,959.28	7,240.71	113.43	113.16	107.22	-1,370.53	-2,534.87	507.15	285.71	221.44	2.290		
11,000.00	7,091.44	11,059.28	7,240.96	116.13	115.86	107.15	-1,370.32	-2,634.87	506.98	280.33	226.65	2.237		
11,100.00	7,092.26	11,159.27	7,241.21	118.83	118.57	107.09	-1,370.11	-2,734.86	506.81	274.92	231.89	2.186		
11,200.00	7,093.09	11,259.27	7,241.46	121.54	121.28	107.03	-1,369.90	-2,834.86	506.65	269.51	237.14	2.136		
11,300.00	7,093.91	11,359.27	7,241.71	124.25	124.00	106.97	-1,369.69	-2,934.86	506.48	264.07	242.41	2.089		
11,400.00	7,094.74	11,459.27	7,241.95	126.98	126.73	106.90	-1,369.47	-3,034.86	506.32	258.62	247.69	2.044		
11,500.00	7,095.57	11,559.27	7,242.20	129.70	129.47	106.84	-1,369.26	-3,134.85	506.15	253.16	252.99	2.001		
11,600.00	7,096.39	11,659.27	7,242.45	132.44	132.21	106.78	-1,369.05	-3,234.85	505.99	247.68	258.30	1.959		
11,700.00	7,097.22	11,759.26	7,242.70	135.18	134.95	106.72	-1,368.84	-3,334.85	505.82	242.20	263.63	1.919		
11,800.00	7,098.04	11,859.26	7,242.95	137.92	137.70	106.65	-1,368.63	-3,434.85	505.66	236.70	268.96	1.880		
11,900.00	7,098.87	11,959.26	7,243.20	140.67	140.45	106.59	-1,368.41	-3,534.85	505.50	231.18	274.31	1.843		
12,000.00	7,099.69	12,059.26	7,243.45	143.43	143.21	106.53	-1,368.20	-3,634.84	505.33	225.66	279.67	1.807		
12,100.00	7,100.52	12,159.26	7,243.69	146.19	145.97	106.46	-1,367.99	-3,734.84	505.17	220.13	285.04	1.772		
12,200.00	7,101.35	12,259.26	7,243.94	148.95	148.74	106.40	-1,367.78	-3,834.84	505.01	214.59	290.42	1.739		
12,300.00	7,102.17	12,359.25	7,244.19	151.71	151.51	106.34	-1,367.57	-3,934.84	504.85	209.04	295.81	1.707		
12,400.00	7,103.00	12,459.25	7,244.44	154.48	154.28	106.28	-1,367.36	-4,034.83	504.69	203.48	301.22	1.676		
12,500.00	7,103.82	12,559.25	7,244.69	157.26	157.06	106.21	-1,367.14	-4,134.83	504.53	197.91	306.63	1.645		
12,600.00	7,104.65	12,659.25	7,244.94	160.03	159.84	106.15	-1,366.93	-4,234.83	504.37	192.33	312.05	1.616		
12,700.00	7,105.48	12,759.25	7,245.19	162.81	162.62	106.09	-1,366.72	-4,334.83	504.22	186.74	317.47	1.588		
12,800.00	7,106.30	12,859.25	7,245.44	165.59	165.40	106.02	-1,366.51	-4,434.83	504.06	181.15	322.91	1.561		
12,900.00	7,107.13	12,959.24	7,245.68	168.38	168.19	105.96	-1,366.30	-4,534.82	503.90	175.55	328.35	1.535		
13,000.00	7,107.95	13,059.24	7,245.93	171.16	170.98	105.90	-1,366.09	-4,634.82	503.75	169.94	333.81	1.509		
13,100.00	7,108.78	13,159.24	7,246.18	173.95	173.77	105.83	-1,365.87	-4,734.82	503.59	164.33	339.27	1.484 Level 3		
13,200.00	7,109.61	13,259.24	7,246.43	176.74	176.57	105.77	-1,365.66	-4,834.82	503.44	158.70	344.73	1.460 Level 3		
13,300.00	7,110.43	13,359.24	7,246.68	179.54	179.36	105.71	-1,365.45	-4,934.81	503.28	153.08	350.21	1.437 Level 3		
13,368.87	7,111.00	13,428.10	7,246.85	181.46	181.29	105.66	-1,365.30	-5,003.68	503.18	149.20	353.98	1.421 Level 3, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	1.07	14.94	0.28	14.94					
100.00	100.00	100.00	100.00	3.28	3.28	1.07	14.94	0.28	14.94	8.37	6.57	2.275		
200.00	200.00	200.00	200.00	3.34	3.34	1.07	14.94	0.28	14.94	8.27	6.67	2.239 CC		
300.00	299.98	300.38	300.36	3.44	3.44	-142.64	13.65	1.47	15.08	8.19	6.89	2.190		
400.00	399.84	400.75	400.59	3.59	3.60	-140.76	9.78	5.05	15.50	8.30	7.20	2.152		
500.00	499.45	501.12	500.56	3.79	3.80	-137.86	3.33	11.01	16.23	8.62	7.61	2.132		
600.00	598.70	601.48	600.16	4.04	4.04	-134.23	-5.68	19.34	17.31	9.21	8.11	2.136		
700.00	697.47	701.82	699.26	4.32	4.33	-130.20	-17.25	30.04	18.79	10.12	8.68	2.166		
800.00	795.62	802.15	797.73	4.65	4.66	-126.08	-31.36	43.08	20.70	11.39	9.32	2.222		
900.00	893.06	902.46	895.44	5.01	5.02	-122.12	-47.99	58.45	23.06	13.03	10.03	2.300		
1,000.00	989.64	1,002.75	992.28	5.41	5.43	-118.48	-67.11	76.12	25.89	15.07	10.82	2.393		
1,100.00	1,085.27	1,102.82	1,088.12	5.85	5.87	-116.32	-88.24	95.66	29.37	17.69	11.68	2.515		
1,191.50	1,171.82	1,205.81	1,175.55	6.29	6.35	-118.97	-107.74	113.68	33.87	21.31	12.56	2.697		
1,200.00	1,179.82	1,202.67	1,183.67	6.34	6.34	-119.39	-109.55	115.35	34.36	21.78	12.58	2.730		
1,300.00	1,273.89	1,302.46	1,279.16	6.85	6.82	-123.51	-130.84	135.04	40.21	26.70	13.51	2.977		
1,400.00	1,367.96	1,402.26	1,374.65	7.38	7.33	-126.57	-152.13	154.72	46.22	31.77	14.45	3.198		
1,500.00	1,462.03	1,502.05	1,470.14	7.93	7.84	-128.92	-173.42	174.40	52.33	36.92	15.42	3.395		
1,600.00	1,556.10	1,601.84	1,565.62	8.49	8.36	-130.78	-194.71	194.08	58.51	42.12	16.39	3.569		
1,700.00	1,650.17	1,701.64	1,661.11	9.06	8.89	-132.28	-216.00	213.76	64.74	47.36	17.38	3.724		
1,800.00	1,744.24	1,801.43	1,756.60	9.65	9.43	-133.52	-237.29	233.44	71.01	52.62	18.38	3.863		
1,900.00	1,838.31	1,901.22	1,852.09	10.23	9.98	-134.55	-258.58	253.12	77.30	57.91	19.39	3.986		
2,000.00	1,932.38	2,001.01	1,947.58	10.83	10.52	-135.44	-279.87	272.80	83.62	63.20	20.41	4.097		
2,100.00	2,026.45	2,100.81	2,043.06	11.43	11.08	-136.19	-301.16	292.48	89.95	68.51	21.44	4.196		
2,200.00	2,120.52	2,200.60	2,138.55	12.03	11.63	-136.85	-322.45	312.16	96.29	73.82	22.47	4.286		
2,300.00	2,214.59	2,300.39	2,234.04	12.63	12.19	-137.42	-343.74	331.84	102.65	79.14	23.51	4.367		
2,400.00	2,308.66	2,400.19	2,329.53	13.24	12.76	-137.93	-365.03	351.52	109.01	84.47	24.55	4.441		
2,500.00	2,402.73	2,499.98	2,425.02	13.86	13.32	-138.39	-386.32	371.20	115.39	89.79	25.59	4.509		
2,600.00	2,496.80	2,600.23	2,520.51	14.47	13.89	-138.79	-407.61	390.88	121.77	95.12	26.65	4.570		
2,700.00	2,590.87	2,700.44	2,615.99	15.09	14.46	-139.15	-428.91	410.57	128.15	100.45	27.70	4.626		
2,800.00	2,684.95	2,800.64	2,711.48	15.71	15.03	-139.48	-450.20	430.25	134.54	105.78	28.76	4.678		
2,900.00	2,779.02	2,899.15	2,806.97	16.33	15.60	-139.78	-471.49	449.93	140.93	111.12	29.81	4.728		
3,000.00	2,873.09	3,001.06	2,902.46	16.95	16.18	-140.06	-492.78	469.61	147.33	116.45	30.88	4.770		
3,100.00	2,967.16	3,101.26	2,997.95	17.57	16.76	-140.31	-514.07	489.29	153.73	121.78	31.95	4.812		
3,200.00	3,061.23	3,201.47	3,093.43	18.20	17.34	-140.54	-535.36	508.97	160.13	127.12	33.02	4.850		
3,300.00	3,155.30	3,298.32	3,188.92	18.82	17.89	-140.75	-556.65	528.65	166.54	132.47	34.07	4.888		
3,400.00	3,249.37	3,401.89	3,284.41	19.45	18.49	-140.95	-577.94	548.33	172.95	137.79	35.16	4.919		
3,500.00	3,343.44	3,502.09	3,379.90	20.07	19.07	-141.14	-599.23	568.01	179.36	143.13	36.23	4.950		
3,600.00	3,437.51	3,602.30	3,475.39	20.70	19.65	-141.31	-620.52	587.69	185.77	148.46	37.31	4.980		
3,700.00	3,531.58	3,702.51	3,570.88	21.33	20.23	-141.47	-641.81	607.37	192.18	153.80	38.38	5.007		
3,800.00	3,625.65	3,802.72	3,666.36	21.96	20.82	-141.61	-663.10	627.05	198.59	159.14	39.46	5.033		
3,900.00	3,719.72	3,897.08	3,761.85	22.59	21.36	-141.75	-684.39	646.73	205.01	164.50	40.50	5.061		
4,000.00	3,813.79	3,996.87	3,857.34	23.22	21.94	-141.89	-705.68	666.41	211.43	169.84	41.58	5.085		
4,100.00	3,907.86	4,103.34	3,952.83	23.85	22.56	-142.01	-726.97	686.09	217.84	175.15	42.69	5.102		
4,200.00	4,001.93	4,196.46	4,048.32	24.48	23.11	-142.13	-748.26	705.78	224.26	180.52	43.74	5.127		
4,300.00	4,096.00	4,296.25	4,143.80	25.11	23.69	-142.24	-769.55	725.46	230.68	185.86	44.82	5.147		
4,400.00	4,190.07	4,396.04	4,239.29	25.75	24.27	-142.34	-790.84	745.14	237.10	191.20	45.90	5.166		
4,500.00	4,284.14	4,504.17	4,334.78	26.38	24.90	-142.44	-812.13	764.82	243.52	196.50	47.02	5.179		
4,600.00	4,378.21	4,604.37	4,430.27	27.01	25.48	-142.53	-833.42	784.50	249.94	201.84	48.11	5.196		
4,700.00	4,472.28	4,695.42	4,525.76	27.65	26.02	-142.62	-854.71	804.18	256.37	207.23	49.14	5.217		
4,800.00	4,566.35	4,804.79	4,621.25	28.28	26.66	-142.71	-876.00	823.86	262.79	212.51	50.27	5.227		
4,900.00	4,660.42	4,895.01	4,716.73	28.91	27.18	-142.79	-897.30	843.54	269.21	217.91	51.31	5.247		
5,000.00	4,754.49	4,994.80	4,812.22	29.55	27.77	-142.86	-918.59	863.22	275.63	223.25	52.39	5.261		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	5,094.59	4,907.71	30.18	28.35	-142.94	-939.88	882.90	282.06	228.59	53.47	5.275		
5,200.00	4,942.63	5,205.62	5,003.20	30.82	29.00	-143.01	-961.17	902.58	288.48	233.87	54.62	5.282		
5,300.00	5,036.70	5,305.82	5,098.69	31.45	29.59	-143.07	-982.46	922.26	294.91	239.20	55.70	5.294		
5,400.00	5,130.77	5,393.97	5,194.17	32.09	30.10	-143.14	-1,003.75	941.94	301.33	244.61	56.73	5.312		
5,500.00	5,224.84	5,506.24	5,289.66	32.72	30.76	-143.20	-1,025.04	961.62	307.76	249.88	57.88	5.317		
5,600.00	5,318.91	5,606.44	5,385.15	33.36	31.35	-143.26	-1,046.33	981.30	314.19	255.22	58.97	5.328		
5,700.00	5,412.98	5,706.65	5,480.64	33.99	31.93	-143.31	-1,067.62	1,000.99	320.61	260.56	60.06	5.339		
5,800.00	5,507.06	5,793.14	5,576.13	34.63	32.44	-143.37	-1,088.91	1,020.67	327.04	265.97	61.07	5.355		
5,900.00	5,601.13	5,907.07	5,671.62	35.26	33.11	-143.42	-1,110.20	1,040.35	333.47	271.23	62.23	5.358		
6,000.00	5,695.20	5,992.73	5,767.10	35.90	33.61	-143.47	-1,131.49	1,060.03	339.89	276.65	63.24	5.374		
6,100.00	5,789.27	6,092.52	5,862.59	36.54	34.20	-143.52	-1,152.78	1,079.71	346.32	281.99	64.33	5.383		
6,200.00	5,883.34	6,192.31	5,958.08	37.17	34.78	-143.56	-1,174.07	1,099.39	352.75	287.33	65.42	5.392		
6,300.00	5,977.41	6,307.90	6,053.57	37.81	35.46	-143.61	-1,195.36	1,119.07	359.18	292.58	66.59	5.394		
6,400.00	6,071.48	6,408.10	6,149.06	38.44	36.05	-143.65	-1,216.65	1,138.75	365.60	297.92	67.68	5.402		
6,500.00	6,165.55	6,508.31	6,244.54	39.08	36.64	-143.69	-1,237.94	1,158.43	372.03	303.26	68.77	5.410		
6,600.00	6,259.62	6,591.48	6,340.03	39.72	37.13	-143.74	-1,259.23	1,178.11	378.46	308.69	69.77	5.424		
6,677.33	6,332.36	6,669.33	6,414.67	40.21	37.57	-143.90	-1,275.88	1,192.61	383.40	312.82	70.59	5.432		
6,700.00	6,353.76	6,692.36	6,436.96	40.35	37.70	-149.17	-1,280.87	1,195.55	384.82	314.03	70.79	5.436		
6,750.00	6,401.37	6,742.99	6,486.23	40.64	37.94	-162.76	-1,291.92	1,199.11	387.96	316.76	71.20	5.449		
6,800.00	6,449.30	6,793.40	6,535.40	40.89	38.15	-178.37	-1,302.98	1,198.65	391.08	319.52	71.56	5.465		
6,850.00	6,497.25	6,843.60	6,584.16	41.11	38.33	165.81	-1,313.99	1,194.24	394.16	322.28	71.89	5.483		
6,900.00	6,544.95	6,893.59	6,632.23	41.29	38.48	151.76	-1,324.88	1,185.94	397.20	325.00	72.20	5.502		
6,950.00	6,592.08	6,943.38	6,679.31	41.45	38.62	140.39	-1,335.58	1,173.86	400.16	327.66	72.50	5.519		
7,000.00	6,638.35	6,992.96	6,725.14	41.58	38.75	131.55	-1,346.04	1,158.12	403.04	330.22	72.82	5.535		
7,050.00	6,683.50	7,042.35	6,769.45	41.70	38.88	124.74	-1,356.19	1,138.85	405.80	332.65	73.15	5.548		
7,100.00	6,727.22	7,091.54	6,812.00	41.81	39.00	119.44	-1,365.97	1,116.21	408.44	334.94	73.50	5.557		
7,150.00	6,769.26	7,140.56	6,852.57	41.92	39.14	115.24	-1,375.34	1,090.37	410.93	337.04	73.89	5.562		
7,200.00	6,809.36	7,189.40	6,890.94	42.03	39.28	111.87	-1,384.25	1,061.51	413.26	338.95	74.31	5.561		
7,250.00	6,847.27	7,238.08	6,926.92	42.15	39.43	109.12	-1,392.64	1,029.83	415.42	340.64	74.78	5.556		
7,300.00	6,882.75	7,286.60	6,960.32	42.27	39.60	106.85	-1,400.48	995.54	417.38	342.09	75.29	5.543		
7,350.00	6,915.58	7,334.97	6,990.98	42.41	39.79	104.96	-1,407.72	958.85	419.13	343.26	75.87	5.524		
7,400.00	6,945.57	7,383.21	7,018.75	42.57	40.00	103.39	-1,414.34	919.98	420.67	344.16	76.51	5.498		
7,450.00	6,972.53	7,431.32	7,043.51	42.75	40.24	102.08	-1,420.29	879.18	421.98	344.74	77.23	5.464		
7,500.00	6,996.30	7,479.31	7,065.14	42.95	40.51	101.00	-1,425.56	836.68	423.04	345.01	78.03	5.421		
7,550.00	7,016.72	7,527.19	7,083.55	43.17	40.80	100.12	-1,430.11	792.72	423.86	344.94	78.92	5.371		
7,600.00	7,033.66	7,574.98	7,098.65	43.43	41.13	99.41	-1,433.94	747.56	424.43	344.54	79.89	5.313		
7,650.00	7,047.04	7,622.68	7,110.38	43.72	41.49	98.87	-1,437.01	701.44	424.73	343.79	80.94	5.248		
7,700.00	7,056.76	7,670.30	7,118.70	44.05	41.89	98.48	-1,439.33	654.61	424.78	342.71	82.07	5.176		
7,750.00	7,062.76	7,717.86	7,123.57	44.41	42.32	98.23	-1,440.87	607.34	424.56	341.29	83.27	5.099		
7,799.36	7,065.00	7,765.04	7,125.02	44.81	42.77	98.13	-1,441.65	560.20	424.09	339.58	84.50	5.019		
7,900.00	7,065.83	7,865.67	7,125.26	45.73	43.88	98.07	-1,442.65	459.57	422.80	335.62	87.18	4.850		
8,000.00	7,066.66	7,965.66	7,125.50	46.83	45.15	98.02	-1,443.65	359.59	421.52	331.42	90.10	4.678		
8,100.00	7,067.49	8,065.65	7,125.74	48.11	46.58	97.96	-1,444.66	259.60	420.24	326.96	93.27	4.505		
8,200.00	7,068.31	8,165.64	7,125.98	49.55	48.16	97.91	-1,445.66	159.62	418.96	322.28	96.68	4.334		
8,300.00	7,069.14	8,265.63	7,126.22	51.14	49.87	97.85	-1,446.66	59.63	417.68	317.39	100.28	4.165		
8,400.00	7,069.96	8,365.62	7,126.46	52.86	51.70	97.79	-1,447.66	-40.35	416.40	312.32	104.08	4.001		
8,500.00	7,070.79	8,465.62	7,126.70	54.70	53.63	97.73	-1,448.66	-140.34	415.12	307.08	108.04	3.842		
8,600.00	7,071.61	8,565.61	7,126.94	56.64	55.64	97.68	-1,449.66	-240.32	413.84	301.70	112.14	3.690		
8,700.00	7,072.44	8,665.60	7,127.18	58.68	57.74	97.62	-1,450.66	-340.31	412.56	296.18	116.38	3.545		
8,800.00	7,073.27	8,765.59	7,127.42	60.78	59.90	97.56	-1,451.67	-440.30	411.28	290.55	120.73	3.407		
8,900.00	7,074.09	8,865.58	7,127.66	62.96	62.13	97.50	-1,452.67	-540.28	410.01	284.81	125.20	3.275		
9,000.00	7,074.92	8,965.57	7,127.90	65.19	64.40	97.44	-1,453.67	-640.27	408.73	278.97	129.76	3.150		

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

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

Offset Design Falken 9-11 PAD - Falken 34N-9C-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Reference (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
9,100.00	7,075.74	9,065.56	7,128.13	67.48	66.73	97.38		-1,454.67	-740.25	407.45	273.05	134.40	3.032	
9,200.00	7,076.57	9,165.55	7,128.37	69.82	69.09	97.32		-1,455.67	-840.24	406.18	267.06	139.12	2.920	
9,300.00	7,077.40	9,265.54	7,128.61	72.19	71.50	97.26		-1,456.67	-940.22	404.90	260.99	143.91	2.814	
9,400.00	7,078.22	9,365.53	7,128.85	74.61	73.94	97.20		-1,457.68	-1,040.21	403.63	254.86	148.77	2.713	
9,500.00	7,079.05	9,465.53	7,129.09	77.05	76.41	97.14		-1,458.68	-1,140.20	402.35	248.67	153.68	2.618	
9,600.00	7,079.87	9,565.52	7,129.33	79.53	78.90	97.08		-1,459.68	-1,240.18	401.08	242.44	158.64	2.528	
9,700.00	7,080.70	9,665.51	7,129.57	82.03	81.42	97.02		-1,460.68	-1,340.17	399.81	236.15	163.66	2.443	
9,800.00	7,081.53	9,765.50	7,129.81	84.55	83.96	96.95		-1,461.68	-1,440.15	398.53	229.82	168.71	2.362	
9,900.00	7,082.35	9,865.49	7,130.05	87.10	86.53	96.89		-1,462.68	-1,540.14	397.26	223.45	173.81	2.286	
10,000.00	7,083.18	9,965.48	7,130.29	89.67	89.11	96.83		-1,463.68	-1,640.12	395.99	217.05	178.94	2.213	
10,100.00	7,084.00	10,065.47	7,130.53	92.25	91.70	96.76		-1,464.69	-1,740.11	394.72	210.61	184.11	2.144	
10,200.00	7,084.83	10,165.46	7,130.77	94.86	94.32	96.70		-1,465.69	-1,840.10	393.45	204.14	189.30	2.078	
10,300.00	7,085.65	10,265.45	7,131.01	97.47	96.95	96.64		-1,466.69	-1,940.08	392.17	197.65	194.53	2.016	
10,400.00	7,086.48	10,365.44	7,131.25	100.10	99.59	96.57		-1,467.69	-2,040.07	390.90	191.12	199.78	1.957	
10,500.00	7,087.31	10,465.43	7,131.49	102.75	102.24	96.51		-1,468.69	-2,140.05	389.64	184.58	205.06	1.900	
10,600.00	7,088.13	10,565.43	7,131.73	105.40	104.90	96.44		-1,469.69	-2,240.04	388.37	178.01	210.36	1.846	
10,700.00	7,088.96	10,665.42	7,131.97	108.07	107.57	96.37		-1,470.69	-2,340.02	387.10	171.42	215.68	1.795	
10,800.00	7,089.78	10,765.41	7,132.21	110.75	110.26	96.31		-1,471.70	-2,440.01	385.83	164.81	221.02	1.746	
10,900.00	7,090.61	10,865.40	7,132.45	113.43	112.95	96.24		-1,472.70	-2,539.99	384.56	158.19	226.37	1.699	
11,000.00	7,091.44	10,965.39	7,132.69	116.13	115.65	96.17		-1,473.70	-2,639.98	383.30	151.54	231.75	1.654	
11,100.00	7,092.26	11,065.38	7,132.93	118.83	118.35	96.11		-1,474.70	-2,739.97	382.03	144.89	237.14	1.611	
11,200.00	7,093.09	11,165.37	7,133.17	121.54	121.07	96.04		-1,475.70	-2,839.95	380.76	138.21	242.55	1.570	
11,300.00	7,093.91	11,265.36	7,133.41	124.25	123.79	95.97		-1,476.70	-2,939.94	379.50	131.53	247.97	1.530	
11,400.00	7,094.74	11,365.35	7,133.65	126.98	126.51	95.90		-1,477.70	-3,039.92	378.23	124.83	253.40	1.493 Level 3	
11,500.00	7,095.57	11,465.34	7,133.89	129.70	129.25	95.83		-1,478.71	-3,139.91	376.97	118.12	258.85	1.456 Level 3	
11,600.00	7,096.39	11,565.34	7,134.13	132.44	131.98	95.76		-1,479.71	-3,239.89	375.70	111.39	264.31	1.421 Level 3	
11,700.00	7,097.22	11,665.33	7,134.37	135.18	134.73	95.69		-1,480.71	-3,339.88	374.44	104.66	269.78	1.388 Level 3	
11,800.00	7,098.04	11,765.32	7,134.61	137.92	137.47	95.62		-1,481.71	-3,439.87	373.18	97.92	275.26	1.356 Level 3	
11,900.00	7,098.87	11,865.31	7,134.85	140.67	140.22	95.55		-1,482.71	-3,539.85	371.92	91.17	280.75	1.325 Level 3	
12,000.00	7,099.69	11,965.30	7,135.09	143.43	142.98	95.47		-1,483.71	-3,639.84	370.66	84.41	286.25	1.295 Level 3	
12,100.00	7,100.52	12,065.29	7,135.33	146.19	145.74	95.40		-1,484.71	-3,739.82	369.39	77.64	291.76	1.266 Level 3	
12,200.00	7,101.35	12,165.28	7,135.57	148.95	148.50	95.33		-1,485.72	-3,839.81	368.13	70.86	297.28	1.238 Level 2	
12,300.00	7,102.17	12,265.27	7,135.81	151.71	151.27	95.25		-1,486.72	-3,939.79	366.87	64.07	302.80	1.212 Level 2	
12,400.00	7,103.00	12,365.26	7,136.05	154.48	154.04	95.18		-1,487.72	-4,039.78	365.62	57.28	308.33	1.186 Level 2	
12,500.00	7,103.82	12,465.25	7,136.29	157.26	156.81	95.11		-1,488.72	-4,139.77	364.36	50.48	313.87	1.161 Level 2	
12,600.00	7,104.65	12,565.24	7,136.53	160.03	159.59	95.03		-1,489.72	-4,239.75	363.10	43.68	319.42	1.137 Level 2	
12,700.00	7,105.48	12,665.24	7,136.77	162.81	162.37	94.96		-1,490.72	-4,339.74	361.84	36.87	324.98	1.113 Level 2	
12,800.00	7,106.30	12,765.23	7,137.01	165.59	165.15	94.88		-1,491.73	-4,439.72	360.59	30.05	330.54	1.091 Level 2	
12,900.00	7,107.13	12,865.22	7,137.25	168.38	167.93	94.80		-1,492.73	-4,539.71	359.33	23.23	336.10	1.069 Level 2	
13,000.00	7,107.95	12,965.21	7,137.49	171.16	170.72	94.73		-1,493.73	-4,639.69	358.07	16.40	341.67	1.048 Level 2	
13,100.00	7,108.78	13,065.20	7,137.73	173.95	173.51	94.65		-1,494.73	-4,739.68	356.82	9.57	347.25	1.028 Level 2	
13,200.00	7,109.61	13,165.19	7,137.97	176.74	176.30	94.57		-1,495.73	-4,839.66	355.57	2.73	352.83	1.008 Level 2	
13,300.00	7,110.43	13,265.18	7,138.21	179.54	179.09	94.49		-1,496.73	-4,939.65	354.31	-4.11	358.42	0.989 Level 1	
13,368.87	7,111.00	13,334.04	7,138.37	181.46	181.02	94.44		-1,497.42	-5,008.51	353.45	-8.82	362.27	0.976 Level 1, ES, SF	

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-29.87	-0.28	29.87					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-29.87	-0.28	29.87	23.31	6.57	4.548		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-29.87	-0.28	29.87	23.20	6.67	4.476		
300.00	299.98	299.98	299.98	3.44	3.44	38.27	-29.87	-0.28	28.48	21.60	6.89	4.137		
400.00	399.84	399.15	399.13	3.59	3.59	43.35	-31.35	0.60	25.92	18.73	7.19	3.605		
500.00	499.45	498.44	498.29	3.79	3.79	50.01	-35.79	3.22	23.81	16.23	7.59	3.138		
600.00	598.70	597.85	597.32	4.04	4.02	58.33	-43.19	7.60	22.33	14.26	8.07	2.768		
700.00	697.47	697.38	696.11	4.32	4.29	67.98	-53.56	13.73	21.64	13.02	8.61	2.512		
724.55	721.63	721.84	720.31	4.40	4.36	70.47	-56.56	15.50	21.61	12.85	8.76	2.466 CC		
800.00	795.62	797.02	794.53	4.65	4.59	78.18	-66.89	21.61	21.89	12.65	9.24	2.370 ES		
900.00	893.06	896.78	892.48	5.01	4.93	87.94	-83.18	31.25	23.11	13.17	9.94	2.326		
1,000.00	989.64	996.66	989.81	5.41	5.30	96.46	-102.43	42.63	25.22	14.51	10.71	2.355		
1,100.00	1,085.27	1,096.65	1,086.42	5.85	5.71	103.40	-124.60	55.74	28.10	16.54	11.56	2.431		
1,191.50	1,171.82	1,188.24	1,174.08	6.29	6.11	108.42	-147.45	69.26	31.28	18.88	12.40	2.523		
1,200.00	1,179.82	1,196.76	1,182.18	6.34	6.15	108.81	-149.70	70.59	31.60	19.12	12.48	2.532		
1,300.00	1,273.89	1,297.00	1,277.00	6.85	6.63	109.91	-177.70	87.15	34.85	21.39	13.46	2.589		
1,400.00	1,367.96	1,397.22	1,370.59	7.38	7.15	105.63	-208.53	105.38	37.30	22.78	14.52	2.569		
1,500.00	1,462.03	1,502.83	1,462.65	7.93	7.74	96.98	-242.03	125.19	39.64	23.97	15.67	2.530		
1,600.00	1,556.10	1,603.10	1,554.04	8.49	8.33	87.86	-276.39	145.51	42.91	26.11	16.80	2.554		
1,700.00	1,650.17	1,696.63	1,645.43	9.06	8.89	80.20	-310.76	165.84	47.10	29.24	17.86	2.637		
1,800.00	1,744.24	1,803.64	1,736.82	9.65	9.56	73.88	-345.12	186.16	51.99	33.01	18.98	2.740		
1,900.00	1,838.31	1,896.09	1,828.21	10.23	10.14	68.69	-379.49	206.48	57.40	37.41	19.99	2.872		
2,000.00	1,932.38	1,995.82	1,919.60	10.83	10.78	64.42	-413.85	226.81	63.20	42.16	21.04	3.004		
2,100.00	2,026.45	2,104.45	2,010.99	11.43	11.49	60.89	-448.22	247.13	69.29	47.16	22.13	3.131		
2,200.00	2,120.52	2,204.72	2,102.38	12.03	12.14	57.93	-482.58	267.45	75.60	52.42	23.18	3.261		
2,300.00	2,214.59	2,304.98	2,193.77	12.63	12.81	55.44	-516.95	287.78	82.08	57.85	24.23	3.387		
2,400.00	2,308.66	2,405.25	2,285.16	13.24	13.48	53.31	-551.32	308.10	88.69	63.41	25.29	3.508		
2,500.00	2,402.73	2,494.48	2,376.55	13.86	14.08	51.48	-585.68	328.43	95.41	69.14	26.28	3.631		
2,600.00	2,496.80	2,605.79	2,467.94	14.47	14.83	49.89	-620.05	348.75	102.21	74.81	27.41	3.730		
2,700.00	2,590.87	2,706.06	2,559.33	15.09	15.51	48.50	-654.41	369.07	109.08	80.61	28.47	3.831		
2,800.00	2,684.95	2,793.67	2,650.72	15.71	16.10	47.28	-688.78	389.40	116.01	86.54	29.47	3.937		
2,900.00	2,779.02	2,906.60	2,742.11	16.33	16.87	46.19	-723.14	409.72	122.98	92.36	30.62	4.017		
3,000.00	2,873.09	3,006.87	2,833.50	16.95	17.56	45.22	-757.51	430.05	130.00	98.30	31.70	4.101		
3,100.00	2,967.16	3,092.86	2,924.90	17.57	18.15	44.35	-791.88	450.37	137.04	104.35	32.69	4.192		
3,200.00	3,061.23	3,192.60	3,016.29	18.20	18.84	43.57	-826.24	470.69	144.12	110.34	33.78	4.267		
3,300.00	3,155.30	3,292.33	3,107.68	18.82	19.53	42.86	-860.61	491.02	151.21	116.35	34.86	4.338		
3,400.00	3,249.37	3,407.94	3,199.07	19.45	20.33	42.21	-894.97	511.34	158.33	122.29	36.04	4.393		
3,500.00	3,343.44	3,508.21	3,290.46	20.07	21.02	41.62	-929.34	531.66	165.47	128.33	37.14	4.456		
3,600.00	3,437.51	3,608.48	3,381.85	20.70	21.72	41.08	-963.70	551.99	172.63	134.39	38.23	4.515		
3,700.00	3,531.58	3,691.25	3,473.24	21.33	22.29	40.58	-998.07	572.31	179.79	140.57	39.23	4.583		
3,800.00	3,625.65	3,790.98	3,564.63	21.96	22.99	40.12	-1,032.44	592.64	186.97	146.65	40.32	4.637		
3,900.00	3,719.72	3,909.29	3,656.02	22.59	23.81	39.69	-1,066.80	612.96	194.17	152.63	41.53	4.675		
4,000.00	3,813.79	3,990.44	3,747.41	23.22	24.38	39.29	-1,101.17	633.28	201.37	158.85	42.52	4.736		
4,100.00	3,907.86	4,090.17	3,838.80	23.85	25.08	38.92	-1,135.53	653.61	208.58	164.96	43.62	4.781		
4,200.00	4,001.93	4,189.91	3,930.19	24.48	25.77	38.58	-1,169.90	673.93	215.80	171.07	44.73	4.825		
4,300.00	4,096.00	4,289.64	4,021.58	25.11	26.47	38.26	-1,204.26	694.25	223.02	177.19	45.83	4.866		
4,400.00	4,190.07	4,389.37	4,112.97	25.75	27.17	37.96	-1,238.63	714.58	230.26	183.32	46.94	4.906		
4,500.00	4,284.14	4,489.10	4,204.36	26.38	27.87	37.67	-1,273.00	734.90	237.50	189.45	48.04	4.943		
4,600.00	4,378.21	4,588.83	4,295.75	27.01	28.57	37.41	-1,307.36	755.23	244.74	195.59	49.15	4.979		
4,700.00	4,472.28	4,688.56	4,387.14	27.65	29.27	37.16	-1,341.73	775.55	251.99	201.73	50.26	5.014		
4,800.00	4,566.35	4,788.29	4,478.53	28.28	29.97	36.92	-1,376.09	795.87	259.24	207.87	51.37	5.047		
4,900.00	4,660.42	4,888.02	4,569.92	28.91	30.67	36.69	-1,410.46	816.20	266.50	214.02	52.48	5.078		

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

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

Offset Design Falken 9-11 PAD - Falken 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	4,754.49	4,987.75	4,661.31	29.55	31.37	36.48	-1,444.82	836.52	273.76	220.17	53.59	5.108		
5,100.00	4,848.56	5,087.48	4,752.70	30.18	32.07	36.28	-1,479.19	856.84	281.03	226.32	54.70	5.137		
5,200.00	4,942.63	5,187.22	4,844.10	30.82	32.77	36.09	-1,513.55	877.17	288.29	232.48	55.82	5.165		
5,300.00	5,036.70	5,286.95	4,935.49	31.45	33.47	35.91	-1,547.92	897.49	295.57	238.64	56.93	5.192		
5,400.00	5,130.77	5,386.68	5,026.88	32.09	34.17	35.73	-1,582.29	917.82	302.84	244.80	58.04	5.217		
5,500.00	5,224.84	5,486.41	5,118.27	32.72	34.88	35.57	-1,616.65	938.14	310.12	250.96	59.16	5.242		
5,600.00	5,318.91	5,586.14	5,209.66	33.36	35.58	35.41	-1,651.02	958.46	317.40	257.12	60.27	5.266		
5,700.00	5,412.98	5,685.87	5,301.05	33.99	36.28	35.26	-1,685.38	978.79	324.68	263.29	61.39	5.289		
5,800.00	5,507.06	5,785.60	5,392.44	34.63	36.98	35.12	-1,719.75	999.11	331.96	269.45	62.51	5.311		
5,900.00	5,601.13	5,885.33	5,483.83	35.26	37.69	34.98	-1,754.11	1,019.44	339.25	275.62	63.62	5.332		
6,000.00	5,695.20	5,985.06	5,575.22	35.90	38.39	34.85	-1,788.48	1,039.76	346.53	281.79	64.74	5.353		
6,100.00	5,789.27	6,084.79	5,666.61	36.54	39.09	34.72	-1,822.85	1,060.08	353.82	287.96	65.86	5.372		
6,200.00	5,883.34	6,184.53	5,758.00	37.17	39.80	34.60	-1,857.21	1,080.41	361.11	294.14	66.98	5.392		
6,300.00	5,977.41	6,284.26	5,849.39	37.81	40.50	34.48	-1,891.58	1,100.73	368.41	300.31	68.10	5.410		
6,400.00	6,071.48	6,383.99	5,940.78	38.44	41.20	34.37	-1,925.94	1,121.05	375.70	306.49	69.22	5.428		
6,500.00	6,165.55	6,483.72	6,032.17	39.08	41.91	34.26	-1,960.31	1,141.38	383.00	312.66	70.33	5.445		
6,600.00	6,259.62	6,583.45	6,123.56	39.72	42.61	34.16	-1,994.67	1,161.70	390.29	318.84	71.45	5.462		
6,677.33	6,332.36	6,660.57	6,194.23	40.21	43.16	34.08	-2,021.25	1,177.42	395.94	323.62	72.32	5.475		
6,700.00	6,353.76	6,683.17	6,214.95	40.35	43.32	29.19	-2,029.04	1,182.02	397.59	325.03	72.56	5.480		
6,750.00	6,401.37	6,732.86	6,260.54	40.64	43.66	16.10	-2,046.18	1,191.81	401.27	328.29	72.98	5.498		
6,800.00	6,449.30	6,782.68	6,306.75	40.89	43.98	0.90	-2,063.54	1,198.44	405.01	331.66	73.35	5.521		
6,850.00	6,497.25	6,832.85	6,353.64	41.11	44.27	-14.51	-2,081.13	1,201.19	408.79	335.09	73.70	5.547		
6,900.00	6,544.95	6,883.38	6,400.93	41.29	44.52	-28.15	-2,098.85	1,199.96	412.60	338.57	74.04	5.573		
6,950.00	6,592.08	6,934.26	6,448.31	41.45	44.73	-39.12	-2,116.59	1,194.69	416.41	342.04	74.37	5.599		
7,000.00	6,638.35	6,985.52	6,495.50	41.58	44.90	-47.56	-2,134.24	1,185.31	420.19	345.47	74.72	5.624		
7,050.00	6,683.50	7,037.14	6,542.16	41.70	45.05	-53.98	-2,151.66	1,171.80	423.91	348.83	75.08	5.646		
7,100.00	6,727.22	7,089.13	6,587.96	41.81	45.18	-58.90	-2,168.74	1,154.16	427.54	352.08	75.46	5.666		
7,150.00	6,769.26	7,141.48	6,632.58	41.92	45.29	-62.73	-2,185.36	1,132.42	431.07	355.19	75.88	5.681		
7,200.00	6,809.36	7,194.18	6,675.66	42.03	45.38	-65.74	-2,201.38	1,106.67	434.45	358.13	76.33	5.692		
7,250.00	6,847.27	7,247.22	6,716.87	42.15	45.48	-68.16	-2,216.68	1,077.00	437.67	360.85	76.82	5.698		
7,300.00	6,882.75	7,300.60	6,755.85	42.27	45.57	-70.10	-2,231.13	1,043.56	440.70	363.34	77.36	5.697		
7,350.00	6,915.58	7,354.28	6,792.28	42.41	45.68	-71.68	-2,244.60	1,006.53	443.52	365.55	77.97	5.688		
7,400.00	6,945.57	7,408.24	6,825.84	42.57	45.79	-72.96	-2,256.98	966.15	446.10	367.44	78.66	5.672		
7,450.00	6,972.53	7,462.46	6,856.22	42.75	45.92	-74.00	-2,268.15	922.67	448.41	368.99	79.43	5.646		
7,500.00	6,996.30	7,516.90	6,883.12	42.95	46.07	-74.83	-2,278.00	876.40	450.45	370.16	80.29	5.610		
7,550.00	7,016.72	7,571.53	6,906.31	43.17	46.24	-75.49	-2,286.45	827.67	452.19	370.93	81.27	5.564		
7,600.00	7,033.66	7,626.32	6,925.56	43.43	46.45	-75.99	-2,293.41	776.87	453.63	371.28	82.34	5.509		
7,650.00	7,047.04	7,681.22	6,940.67	43.72	46.69	-76.35	-2,298.81	724.39	454.74	371.21	83.53	5.444		
7,700.00	7,056.76	7,736.18	6,951.51	44.05	46.96	-76.58	-2,302.60	670.65	455.51	370.70	84.81	5.371		
7,750.00	7,062.76	7,791.18	6,957.97	44.41	47.28	-76.69	-2,304.75	616.10	455.95	369.77	86.18	5.291		
7,799.36	7,065.00	7,845.46	6,960.00	44.81	47.62	-76.69	-2,305.24	561.88	456.06	368.46	87.59	5.207		
7,900.00	7,065.83	7,945.79	6,960.26	45.73	48.39	-76.61	-2,304.83	461.54	455.99	365.76	90.23	5.054		
8,000.00	7,066.66	8,045.79	6,960.52	46.83	49.31	-76.54	-2,304.42	361.55	455.93	362.82	93.11	4.897		
8,100.00	7,067.49	8,145.79	6,960.77	48.11	50.40	-76.46	-2,304.01	261.55	455.87	359.65	96.23	4.737		
8,200.00	7,068.31	8,245.79	6,961.02	49.55	51.66	-76.38	-2,303.61	161.55	455.81	356.26	99.56	4.578		
8,300.00	7,069.14	8,345.79	6,961.27	51.14	53.10	-76.31	-2,303.20	61.55	455.75	352.67	103.08	4.421		
8,400.00	7,069.96	8,445.78	6,961.52	52.86	54.68	-76.23	-2,302.79	-38.44	455.69	348.92	106.77	4.268		
8,500.00	7,070.79	8,545.78	6,961.78	54.70	56.40	-76.16	-2,302.38	-138.44	455.64	345.01	110.62	4.119		
8,600.00	7,071.61	8,645.78	6,962.03	56.64	58.23	-76.08	-2,301.97	-238.44	455.58	340.97	114.61	3.975		
8,700.00	7,072.44	8,745.78	6,962.28	58.68	60.18	-76.00	-2,301.56	-338.43	455.52	336.80	118.72	3.837		
8,800.00	7,073.27	8,845.78	6,962.53	60.78	62.21	-75.93	-2,301.15	-438.43	455.47	332.52	122.95	3.705		
8,900.00	7,074.09	8,945.77	6,962.78	62.96	64.32	-75.85	-2,300.74	-538.43	455.41	328.14	127.27	3.578		

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

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

Offset Design Falken 9-11 PAD - Falken 4N-14A-S - OH - Plan #1													Offset Site Error: 0.00 ft	
Survey Program: 0-MWD+IFR1													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
9,000.00	7,074.92	9,045.77	6,963.04	65.19	66.50	-75.78	-2,300.33	-638.42	455.36	323.67	131.69	3.458		
9,100.00	7,075.74	9,145.77	6,963.29	67.48	68.73	-75.70	-2,299.92	-738.42	455.31	319.13	136.18	3.343		
9,200.00	7,076.57	9,245.77	6,963.54	69.82	71.02	-75.62	-2,299.51	-838.42	455.26	314.51	140.75	3.235		
9,300.00	7,077.40	9,345.77	6,963.79	72.19	73.36	-75.55	-2,299.10	-938.42	455.20	309.82	145.38	3.131		
9,400.00	7,078.22	9,445.76	6,964.04	74.61	75.74	-75.47	-2,298.69	-1,038.41	455.15	305.08	150.07	3.033		
9,500.00	7,079.05	9,545.76	6,964.29	77.05	78.15	-75.39	-2,298.28	-1,138.41	455.10	300.29	154.81	2.940		
9,600.00	7,079.87	9,645.76	6,964.55	79.53	80.60	-75.32	-2,297.87	-1,238.41	455.06	295.45	159.60	2.851		
9,700.00	7,080.70	9,745.76	6,964.80	82.03	83.08	-75.24	-2,297.46	-1,338.40	455.01	290.57	164.44	2.767		
9,800.00	7,081.53	9,845.76	6,965.05	84.55	85.58	-75.17	-2,297.05	-1,438.40	454.96	285.65	169.31	2.687		
9,900.00	7,082.35	9,945.76	6,965.30	87.10	88.11	-75.09	-2,296.64	-1,538.40	454.91	280.70	174.22	2.611		
10,000.00	7,083.18	10,045.75	6,965.55	89.67	90.66	-75.01	-2,296.23	-1,638.39	454.87	275.71	179.16	2.539		
10,100.00	7,084.00	10,145.75	6,965.81	92.25	93.23	-74.94	-2,295.82	-1,738.39	454.82	270.70	184.13	2.470		
10,200.00	7,084.83	10,245.75	6,966.06	94.86	95.81	-74.86	-2,295.41	-1,838.39	454.78	265.66	189.12	2.405		
10,300.00	7,085.65	10,345.75	6,966.31	97.47	98.41	-74.78	-2,295.00	-1,938.39	454.74	260.59	194.14	2.342		
10,400.00	7,086.48	10,445.75	6,966.56	100.10	101.03	-74.71	-2,294.60	-2,038.38	454.69	255.51	199.19	2.283		
10,500.00	7,087.31	10,545.74	6,966.81	102.75	103.66	-74.63	-2,294.19	-2,138.38	454.65	250.40	204.25	2.226		
10,600.00	7,088.13	10,645.74	6,967.07	105.40	106.31	-74.55	-2,293.78	-2,238.38	454.61	245.28	209.33	2.172		
10,700.00	7,088.96	10,745.74	6,967.32	108.07	108.96	-74.48	-2,293.37	-2,338.37	454.57	240.15	214.43	2.120		
10,800.00	7,089.78	10,845.74	6,967.57	110.75	111.63	-74.40	-2,292.96	-2,438.37	454.53	235.00	219.54	2.070		
10,900.00	7,090.61	10,945.74	6,967.82	113.43	114.30	-74.33	-2,292.55	-2,538.37	454.50	229.83	224.66	2.023		
11,000.00	7,091.44	11,045.74	6,968.07	116.13	116.99	-74.25	-2,292.14	-2,638.36	454.46	224.65	229.80	1.978		
11,100.00	7,092.26	11,145.73	6,968.32	118.83	119.68	-74.17	-2,291.73	-2,738.36	454.42	219.47	234.95	1.934		
11,200.00	7,093.09	11,245.73	6,968.58	121.54	122.38	-74.10	-2,291.32	-2,838.36	454.39	214.27	240.11	1.892		
11,300.00	7,093.91	11,345.73	6,968.83	124.25	125.09	-74.02	-2,290.91	-2,938.36	454.35	209.07	245.28	1.852		
11,400.00	7,094.74	11,445.73	6,969.08	126.98	127.81	-73.94	-2,290.50	-3,038.35	454.32	203.85	250.46	1.814		
11,500.00	7,095.57	11,545.73	6,969.33	129.70	130.53	-73.87	-2,290.09	-3,138.35	454.28	198.64	255.65	1.777		
11,600.00	7,096.39	11,645.72	6,969.58	132.44	133.26	-73.79	-2,289.68	-3,238.35	454.25	193.41	260.84	1.741		
11,700.00	7,097.22	11,745.72	6,969.84	135.18	135.99	-73.71	-2,289.27	-3,338.34	454.22	188.18	266.04	1.707		
11,800.00	7,098.04	11,845.72	6,970.09	137.92	138.73	-73.64	-2,288.86	-3,438.34	454.19	182.94	271.25	1.674		
11,900.00	7,098.87	11,945.72	6,970.34	140.67	141.48	-73.56	-2,288.45	-3,538.34	454.16	177.70	276.46	1.643		
12,000.00	7,099.69	12,045.72	6,970.59	143.43	144.22	-73.48	-2,288.04	-3,638.33	454.13	172.46	281.67	1.612		
12,100.00	7,100.52	12,145.71	6,970.84	146.19	146.98	-73.41	-2,287.63	-3,738.33	454.10	167.21	286.89	1.583		
12,200.00	7,101.35	12,245.71	6,971.10	148.95	149.74	-73.33	-2,287.22	-3,838.33	454.07	161.96	292.11	1.554		
12,300.00	7,102.17	12,345.71	6,971.35	151.71	152.50	-73.25	-2,286.81	-3,938.33	454.05	156.71	297.34	1.527		
12,400.00	7,103.00	12,445.71	6,971.60	154.48	155.26	-73.18	-2,286.40	-4,038.32	454.02	151.45	302.56	1.501		
12,500.00	7,103.82	12,545.71	6,971.85	157.26	158.03	-73.10	-2,285.99	-4,138.32	453.99	146.20	307.80	1.475 Level 3		
12,600.00	7,104.65	12,645.71	6,972.10	160.03	160.80	-73.02	-2,285.59	-4,238.32	453.97	140.94	313.03	1.450 Level 3		
12,700.00	7,105.48	12,745.70	6,972.35	162.81	163.58	-72.95	-2,285.18	-4,338.31	453.95	135.68	318.26	1.426 Level 3		
12,800.00	7,106.30	12,845.70	6,972.61	165.59	166.36	-72.87	-2,284.77	-4,438.31	453.92	130.43	323.50	1.403 Level 3		
12,900.00	7,107.13	12,945.70	6,972.86	168.38	169.14	-72.79	-2,284.36	-4,538.31	453.90	125.17	328.73	1.381 Level 3		
12,966.13	7,107.67	13,011.83	6,973.02	170.22	170.98	-72.74	-2,284.09	-4,604.44	453.89	121.69	332.19	1.366 Level 3, SF		
13,000.00	7,107.95	13,002.01	6,973.00	171.16	170.70	-72.75	-2,284.13	-4,594.62	455.98	125.38	330.60	1.379 Level 3		
13,100.00	7,108.78	13,002.01	6,973.00	173.95	170.70	-72.75	-2,284.13	-4,594.62	476.06	157.72	318.34	1.495 Level 3		
13,200.00	7,109.61	13,002.01	6,973.00	176.74	170.70	-72.75	-2,284.13	-4,594.62	515.12	218.45	296.67	1.736		
13,300.00	7,110.43	13,002.01	6,973.00	179.54	170.70	-72.75	-2,284.13	-4,594.62	569.27	297.77	271.50	2.097		
13,368.87	7,111.00	13,002.01	6,973.00	181.46	170.70	-72.75	-2,284.13	-4,594.62	613.30	358.91	254.39	2.411		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.64	-44.81	-0.28	44.81					
100.00	100.00	100.00	100.00	3.28	3.28	-179.64	-44.81	-0.28	44.81	38.24	6.57	6.820		
200.00	200.00	200.00	200.00	3.34	3.34	-179.64	-44.81	-0.28	44.81	38.13	6.67	6.714 CC		
300.00	299.98	298.65	298.63	3.44	3.44	36.26	-46.30	0.53	44.91	38.02	6.89	6.521		
400.00	399.84	397.29	397.14	3.59	3.59	37.00	-50.78	2.94	45.21	38.00	7.20	6.276 ES		
500.00	499.45	495.93	495.41	3.79	3.79	38.22	-58.25	6.97	45.73	38.11	7.62	6.001		
600.00	598.70	594.57	593.33	4.04	4.02	39.87	-68.69	12.59	46.49	38.37	8.12	5.726		
700.00	697.47	693.20	690.77	4.32	4.30	41.91	-82.09	19.81	47.52	38.83	8.69	5.468		
800.00	795.62	791.83	787.63	4.65	4.62	44.28	-98.43	28.62	48.86	39.54	9.33	5.240		
900.00	893.06	890.45	883.79	5.01	4.97	46.90	-117.70	39.00	50.55	40.53	10.02	5.045		
1,000.00	989.64	989.06	979.12	5.41	5.36	49.71	-139.86	50.95	52.61	41.84	10.77	4.884		
1,100.00	1,085.27	1,087.66	1,073.53	5.85	5.79	52.61	-164.90	64.44	55.08	43.49	11.59	4.753		
1,191.50	1,171.82	1,177.88	1,159.00	6.29	6.22	55.28	-190.30	78.13	57.73	45.33	12.40	4.657		
1,200.00	1,179.82	1,186.26	1,166.89	6.34	6.26	55.53	-192.78	79.47	58.00	45.53	12.47	4.650		
1,300.00	1,273.89	1,284.80	1,259.06	6.85	6.76	56.90	-223.46	96.00	62.45	49.04	13.41	4.656		
1,400.00	1,367.96	1,383.11	1,349.76	7.38	7.31	55.89	-256.83	113.98	69.14	54.76	14.38	4.809		
1,500.00	1,462.03	1,482.38	1,440.41	7.93	7.89	53.74	-292.44	133.17	77.45	62.09	15.36	5.042		
1,600.00	1,556.10	1,581.98	1,531.34	8.49	8.50	51.96	-328.24	152.47	85.91	69.54	16.37	5.248		
1,700.00	1,650.17	1,681.59	1,622.27	9.06	9.12	50.50	-364.05	171.76	94.44	77.04	17.40	5.428		
1,800.00	1,744.24	1,781.20	1,713.20	9.65	9.75	49.29	-399.85	191.05	103.02	84.58	18.44	5.587		
1,900.00	1,838.31	1,880.81	1,804.13	10.23	10.40	48.26	-435.65	210.35	111.64	92.15	19.49	5.728		
2,000.00	1,932.38	1,980.42	1,895.05	10.83	11.05	47.38	-471.45	229.64	120.28	99.73	20.55	5.852		
2,100.00	2,026.45	2,080.03	1,985.98	11.43	11.71	46.61	-507.26	248.93	128.96	107.33	21.63	5.963		
2,200.00	2,120.52	2,179.64	2,076.91	12.03	12.37	45.95	-543.06	268.23	137.65	114.94	22.71	6.062		
2,300.00	2,214.59	2,279.25	2,167.84	12.63	13.05	45.36	-578.86	287.52	146.36	122.57	23.79	6.152		
2,400.00	2,308.66	2,378.86	2,258.77	13.24	13.72	44.84	-614.66	306.82	155.08	130.20	24.89	6.232		
2,500.00	2,402.73	2,478.47	2,349.70	13.86	14.40	44.37	-650.47	326.11	163.81	137.83	25.98	6.305		
2,600.00	2,496.80	2,578.08	2,440.62	14.47	15.08	43.95	-686.27	345.40	172.56	145.47	27.09	6.371		
2,700.00	2,590.87	2,677.69	2,531.55	15.09	15.77	43.57	-722.07	364.70	181.31	153.12	28.19	6.431		
2,800.00	2,684.95	2,777.30	2,622.48	15.71	16.45	43.23	-757.88	383.99	190.07	160.76	29.31	6.486		
2,900.00	2,779.02	2,876.91	2,713.41	16.33	17.14	42.92	-793.68	403.29	198.83	168.41	30.42	6.536		
3,000.00	2,873.09	2,976.52	2,804.34	16.95	17.83	42.63	-829.48	422.58	207.60	176.07	31.54	6.583		
3,100.00	2,967.16	3,076.13	2,895.27	17.57	18.53	42.37	-865.28	441.87	216.38	183.72	32.66	6.626		
3,200.00	3,061.23	3,175.74	2,986.19	18.20	19.22	42.12	-901.09	461.17	225.16	191.38	33.78	6.666		
3,300.00	3,155.30	3,275.35	3,077.12	18.82	19.91	41.90	-936.89	480.46	233.94	199.04	34.90	6.702		
3,400.00	3,249.37	3,374.96	3,168.05	19.45	20.61	41.69	-972.69	499.75	242.73	206.70	36.03	6.737		
3,500.00	3,343.44	3,474.57	3,258.98	20.07	21.31	41.50	-1,008.49	519.05	251.52	214.36	37.16	6.769		
3,600.00	3,437.51	3,574.17	3,349.91	20.70	22.01	41.32	-1,044.30	538.34	260.31	222.02	38.29	6.798		
3,700.00	3,531.58	3,673.78	3,440.84	21.33	22.71	41.15	-1,080.10	557.64	269.11	229.68	39.42	6.826		
3,800.00	3,625.65	3,773.39	3,531.76	21.96	23.41	40.99	-1,115.90	576.93	277.90	237.35	40.56	6.852		
3,900.00	3,719.72	3,873.00	3,622.69	22.59	24.11	40.84	-1,151.70	596.22	286.70	245.01	41.69	6.877		
4,000.00	3,813.79	3,972.61	3,713.62	23.22	24.81	40.70	-1,187.51	615.52	295.50	252.67	42.83	6.900		
4,100.00	3,907.86	4,072.22	3,804.55	23.85	25.51	40.57	-1,223.31	634.81	304.30	260.34	43.96	6.922		
4,200.00	4,001.93	4,171.83	3,895.48	24.48	26.22	40.45	-1,259.11	654.11	313.11	268.01	45.10	6.942		
4,300.00	4,096.00	4,271.44	3,986.41	25.11	26.92	40.33	-1,294.91	673.40	321.91	275.67	46.24	6.962		
4,400.00	4,190.07	4,371.05	4,077.34	25.75	27.62	40.22	-1,330.72	692.69	330.72	283.34	47.38	6.980		
4,500.00	4,284.14	4,470.66	4,168.26	26.38	28.33	40.11	-1,366.52	711.99	339.53	291.00	48.52	6.998		
4,600.00	4,378.21	4,570.27	4,259.19	27.01	29.03	40.01	-1,402.32	731.28	348.33	298.67	49.66	7.014		
4,700.00	4,472.28	4,669.88	4,350.12	27.65	29.74	39.92	-1,438.13	750.57	357.14	306.34	50.80	7.030		
4,800.00	4,566.35	4,769.49	4,441.05	28.28	30.44	39.83	-1,473.93	769.87	365.95	314.01	51.95	7.045		
4,900.00	4,660.42	4,869.10	4,531.98	28.91	31.15	39.74	-1,509.73	789.16	374.77	321.67	53.09	7.059		
5,000.00	4,754.49	4,968.71	4,622.91	29.55	31.86	39.66	-1,545.53	808.46	383.58	329.34	54.23	7.073		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	5,068.32	4,713.83	30.18	32.56	39.58	-1,581.34	827.75	392.39	337.01	55.38	7.086		
5,200.00	4,942.63	5,167.93	4,804.76	30.82	33.27	39.50	-1,617.14	847.04	401.20	344.68	56.52	7.098		
5,300.00	5,036.70	5,267.54	4,895.69	31.45	33.98	39.43	-1,652.94	866.34	410.02	352.35	57.67	7.110		
5,400.00	5,130.77	5,367.15	4,986.62	32.09	34.68	39.36	-1,688.74	885.63	418.83	360.02	58.82	7.121		
5,500.00	5,224.84	5,466.76	5,077.55	32.72	35.39	39.30	-1,724.55	904.93	427.65	367.69	59.96	7.132		
5,600.00	5,318.91	5,566.36	5,168.48	33.36	36.10	39.23	-1,760.35	924.22	436.46	375.36	61.11	7.142		
5,700.00	5,412.98	5,665.97	5,259.40	33.99	36.81	39.17	-1,796.15	943.51	445.28	383.02	62.26	7.152		
5,800.00	5,507.06	5,765.58	5,350.33	34.63	37.52	39.11	-1,831.95	962.81	454.10	390.69	63.40	7.162		
5,900.00	5,601.13	5,865.19	5,441.26	35.26	38.22	39.06	-1,867.76	982.10	462.92	398.36	64.55	7.171		
6,000.00	5,695.20	5,964.80	5,532.19	35.90	38.93	39.00	-1,903.56	1,001.40	471.73	406.03	65.70	7.180		
6,100.00	5,789.27	6,064.41	5,623.12	36.54	39.64	38.95	-1,939.36	1,020.69	480.55	413.70	66.85	7.189		
6,200.00	5,883.34	6,164.02	5,714.05	37.17	40.35	38.90	-1,975.17	1,039.98	489.37	421.37	68.00	7.197		
6,300.00	5,977.41	6,263.63	5,804.97	37.81	41.06	38.85	-2,010.97	1,059.28	498.19	429.04	69.15	7.205		
6,400.00	6,071.48	6,363.24	5,895.90	38.44	41.77	38.80	-2,046.77	1,078.57	507.01	436.71	70.30	7.212		
6,500.00	6,165.55	6,462.85	5,986.83	39.08	42.48	38.76	-2,082.57	1,097.86	515.83	444.38	71.45	7.220		
6,600.00	6,259.62	6,562.46	6,077.76	39.72	43.19	38.72	-2,118.38	1,117.16	524.65	452.05	72.60	7.227		
6,677.33	6,332.36	6,639.49	6,148.07	40.21	43.74	38.68	-2,146.06	1,132.08	531.47	457.98	73.49	7.232		
6,700.00	6,353.76	6,662.07	6,168.68	40.35	43.90	33.85	-2,154.18	1,136.45	533.44	459.70	73.74	7.235		
6,750.00	6,401.37	6,711.73	6,214.02	40.64	44.25	20.91	-2,172.03	1,146.07	537.57	463.38	74.19	7.246		
6,800.00	6,449.30	6,760.96	6,258.96	40.89	44.60	5.53	-2,189.72	1,155.61	541.46	466.94	74.52	7.266		
6,850.00	6,497.25	6,809.45	6,303.22	41.11	44.95	-10.45	-2,207.15	1,165.00	545.25	470.52	74.73	7.296		
6,900.00	6,544.95	6,856.91	6,346.54	41.29	45.29	-24.99	-2,224.21	1,174.19	549.16	474.32	74.84	7.338		
6,950.00	6,592.08	6,903.03	6,388.65	41.45	45.61	-37.14	-2,240.79	1,183.13	553.46	478.59	74.87	7.393		
7,000.00	6,638.35	6,948.48	6,430.19	41.58	45.93	-46.95	-2,257.14	1,191.60	558.47	483.62	74.85	7.461		
7,050.00	6,683.50	6,995.79	6,473.86	41.70	46.24	-54.82	-2,274.32	1,197.52	564.28	489.39	74.90	7.534		
7,100.00	6,727.22	7,044.91	6,519.52	41.81	46.53	-61.19	-2,292.25	1,199.96	570.86	495.85	75.01	7.610		
7,150.00	6,769.26	7,096.10	6,567.14	41.92	46.79	-66.47	-2,310.93	1,198.47	578.14	502.95	75.19	7.689		
7,200.00	6,809.36	7,149.61	6,616.64	42.03	47.02	-70.94	-2,330.33	1,192.53	586.04	510.63	75.41	7.771		
7,250.00	6,847.27	7,205.75	6,667.89	42.15	47.22	-74.81	-2,350.38	1,181.53	594.44	518.80	75.64	7.859		
7,300.00	6,882.75	7,264.83	6,720.64	42.27	47.38	-78.20	-2,370.98	1,164.76	603.22	527.38	75.85	7.953		
7,350.00	6,915.58	7,327.20	6,774.51	42.41	47.52	-81.21	-2,391.98	1,141.44	612.21	536.21	76.00	8.056		
7,400.00	6,945.57	7,393.18	6,828.90	42.57	47.65	-83.90	-2,413.15	1,110.75	621.22	545.14	76.08	8.166		
7,450.00	6,972.53	7,463.07	6,882.99	42.75	47.77	-86.31	-2,434.15	1,071.84	630.02	553.93	76.09	8.279		
7,500.00	6,996.30	7,537.10	6,935.59	42.95	47.89	-88.45	-2,454.51	1,023.96	638.38	562.28	76.10	8.388		
7,550.00	7,016.72	7,615.37	6,985.20	43.17	48.02	-90.32	-2,473.64	966.58	646.04	569.83	76.21	8.477		
7,600.00	7,033.66	7,697.81	7,029.96	43.43	48.19	-91.90	-2,490.81	899.59	652.72	576.15	76.57	8.524		
7,650.00	7,047.04	7,784.05	7,067.77	43.72	48.41	-93.16	-2,505.20	823.50	658.16	580.77	77.38	8.505		
7,700.00	7,056.76	7,873.45	7,096.51	44.05	48.71	-94.07	-2,515.98	739.61	662.13	583.31	78.81	8.401		
7,750.00	7,062.76	7,965.06	7,114.33	44.41	49.09	-94.61	-2,522.44	650.06	664.44	583.51	80.93	8.210		
7,799.36	7,065.00	8,056.51	7,120.01	44.81	49.56	-94.74	-2,524.13	558.89	664.99	581.34	83.64	7.950		
7,837.06	7,065.31	8,109.79	7,120.34	45.14	49.89	-94.75	-2,524.06	525.19	664.98	580.29	84.68	7.852		
7,900.00	7,065.83	8,153.15	7,120.85	45.73	50.19	-94.75	-2,523.88	462.25	664.93	578.85	86.09	7.724		
8,000.00	7,066.66	8,253.15	7,121.67	46.83	50.98	-94.75	-2,523.61	362.26	664.87	575.92	88.95	7.475		
8,100.00	7,067.49	8,353.15	7,122.48	48.11	51.93	-94.75	-2,523.34	262.26	664.80	572.73	92.08	7.220		
8,200.00	7,068.31	8,453.15	7,123.30	49.55	53.05	-94.74	-2,523.06	162.26	664.73	569.29	95.44	6.965		
8,300.00	7,069.14	8,553.15	7,124.11	51.14	54.35	-94.74	-2,522.79	62.27	664.67	565.65	99.02	6.712		
8,400.00	7,069.96	8,653.15	7,124.92	52.86	55.81	-94.74	-2,522.51	-37.73	664.60	561.81	102.80	6.465		
8,500.00	7,070.79	8,753.15	7,125.74	54.70	57.42	-94.74	-2,522.24	-137.73	664.54	557.79	106.74	6.226		
8,600.00	7,071.61	8,853.15	7,126.55	56.64	59.16	-94.74	-2,521.96	-237.72	664.47	553.63	110.84	5.995		
8,700.00	7,072.44	8,953.15	7,127.36	58.68	61.02	-94.74	-2,521.69	-337.72	664.40	549.33	115.07	5.774		
8,800.00	7,073.27	9,053.15	7,128.18	60.78	62.98	-94.74	-2,521.41	-437.71	664.34	544.90	119.43	5.562		
8,900.00	7,074.09	9,153.15	7,128.99	62.96	65.03	-94.74	-2,521.14	-537.71	664.27	540.37	123.90	5.361		

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

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

Offset Design Falken 9-11 PAD - Falken 4N-14C-S - OH - Plan #1													Offset Site Error: 0.00 ft	
Survey Program: 0-MWD+IFR1													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
9,000.00	7,074.92	9,253.15	7,129.81	65.19	67.15	-94.74	-2,520.86	-637.71	664.20	535.74	128.46	5.170		
9,100.00	7,075.74	9,353.15	7,130.62	67.48	69.34	-94.74	-2,520.59	-737.70	664.14	531.02	133.12	4.989		
9,200.00	7,076.57	9,453.15	7,131.43	69.82	71.58	-94.74	-2,520.31	-837.70	664.07	526.22	137.85	4.817		
9,300.00	7,077.40	9,553.15	7,132.25	72.19	73.88	-94.74	-2,520.04	-937.70	664.01	521.35	142.65	4.655		
9,400.00	7,078.22	9,653.15	7,133.06	74.61	76.22	-94.74	-2,519.76	-1,037.69	663.94	516.42	147.52	4.501		
9,500.00	7,079.05	9,753.15	7,133.87	77.05	78.60	-94.74	-2,519.49	-1,137.69	663.87	511.43	152.45	4.355		
9,600.00	7,079.87	9,853.15	7,134.69	79.53	81.02	-94.74	-2,519.22	-1,237.68	663.81	506.38	157.43	4.217		
9,700.00	7,080.70	9,953.15	7,135.50	82.03	83.46	-94.74	-2,518.94	-1,337.68	663.74	501.29	162.45	4.086		
9,800.00	7,081.53	10,053.15	7,136.31	84.55	85.94	-94.74	-2,518.67	-1,437.68	663.67	496.15	167.52	3.962		
9,900.00	7,082.35	10,153.15	7,137.13	87.10	88.44	-94.73	-2,518.39	-1,537.67	663.61	490.98	172.63	3.844		
10,000.00	7,083.18	10,253.15	7,137.94	89.67	90.97	-94.73	-2,518.12	-1,637.67	663.54	485.76	177.78	3.732		
10,100.00	7,084.00	10,353.15	7,138.76	92.25	93.51	-94.73	-2,517.84	-1,737.67	663.48	480.52	182.96	3.626		
10,200.00	7,084.83	10,453.15	7,139.57	94.86	96.08	-94.73	-2,517.57	-1,837.66	663.41	475.24	188.17	3.526		
10,300.00	7,085.65	10,553.15	7,140.38	97.47	98.66	-94.73	-2,517.29	-1,937.66	663.34	469.94	193.40	3.430		
10,400.00	7,086.48	10,653.15	7,141.20	100.10	101.26	-94.73	-2,517.02	-2,037.66	663.28	464.61	198.67	3.339		
10,500.00	7,087.31	10,753.15	7,142.01	102.75	103.88	-94.73	-2,516.74	-2,137.65	663.21	459.26	203.95	3.252		
10,600.00	7,088.13	10,853.15	7,142.82	105.40	106.50	-94.73	-2,516.47	-2,237.65	663.14	453.88	209.26	3.169		
10,700.00	7,088.96	10,953.15	7,143.64	108.07	109.14	-94.73	-2,516.19	-2,337.64	663.08	448.49	214.59	3.090		
10,800.00	7,089.78	11,053.15	7,144.45	110.75	111.80	-94.73	-2,515.92	-2,437.64	663.01	443.07	219.94	3.015		
10,900.00	7,090.61	11,153.15	7,145.26	113.43	114.46	-94.73	-2,515.65	-2,537.64	662.95	437.64	225.31	2.942		
11,000.00	7,091.44	11,253.15	7,146.08	116.13	117.13	-94.73	-2,515.37	-2,637.63	662.88	432.19	230.69	2.873		
11,100.00	7,092.26	11,353.15	7,146.89	118.83	119.81	-94.73	-2,515.10	-2,737.63	662.81	426.73	236.09	2.808		
11,200.00	7,093.09	11,453.15	7,147.71	121.54	122.50	-94.73	-2,514.82	-2,837.63	662.75	421.25	241.50	2.744		
11,300.00	7,093.91	11,553.15	7,148.52	124.25	125.20	-94.73	-2,514.55	-2,937.62	662.68	415.76	246.92	2.684		
11,400.00	7,094.74	11,653.15	7,149.33	126.98	127.90	-94.73	-2,514.27	-3,037.62	662.61	410.25	252.36	2.626		
11,500.00	7,095.57	11,753.15	7,150.15	129.70	130.62	-94.73	-2,514.00	-3,137.61	662.55	404.74	257.81	2.570		
11,600.00	7,096.39	11,853.15	7,150.96	132.44	133.33	-94.72	-2,513.72	-3,237.61	662.48	399.21	263.27	2.516		
11,700.00	7,097.22	11,953.15	7,151.77	135.18	136.06	-94.72	-2,513.45	-3,337.61	662.41	393.68	268.74	2.465		
11,800.00	7,098.04	12,053.15	7,152.59	137.92	138.79	-94.72	-2,513.17	-3,437.60	662.35	388.13	274.22	2.415		
11,900.00	7,098.87	12,153.15	7,153.40	140.67	141.52	-94.72	-2,512.90	-3,537.60	662.28	382.58	279.70	2.368		
12,000.00	7,099.69	12,253.15	7,154.21	143.43	144.26	-94.72	-2,512.62	-3,637.60	662.22	377.01	285.20	2.322		
12,100.00	7,100.52	12,353.15	7,155.03	146.19	147.01	-94.72	-2,512.35	-3,737.59	662.15	371.44	290.71	2.278		
12,200.00	7,101.35	12,453.15	7,155.84	148.95	149.76	-94.72	-2,512.07	-3,837.59	662.08	365.86	296.22	2.235		
12,300.00	7,102.17	12,553.15	7,156.66	151.71	152.51	-94.72	-2,511.80	-3,937.58	662.02	360.28	301.74	2.194		
12,400.00	7,103.00	12,653.15	7,157.47	154.48	155.27	-94.72	-2,511.53	-4,037.58	661.95	354.69	307.27	2.154		
12,500.00	7,103.82	12,753.15	7,158.28	157.26	158.03	-94.72	-2,511.25	-4,137.58	661.88	349.09	312.80	2.116		
12,600.00	7,104.65	12,853.15	7,159.10	160.03	160.80	-94.72	-2,510.98	-4,237.57	661.82	343.48	318.34	2.079		
12,700.00	7,105.48	12,953.15	7,159.91	162.81	163.57	-94.72	-2,510.70	-4,337.57	661.75	337.87	323.88	2.043		
12,800.00	7,106.30	13,053.15	7,160.72	165.59	166.34	-94.72	-2,510.43	-4,437.57	661.69	332.25	329.43	2.009		
12,900.00	7,107.13	13,153.15	7,161.54	168.38	169.11	-94.72	-2,510.15	-4,537.56	661.62	326.63	334.99	1.975		
12,967.77	7,107.69	13,220.92	7,162.09	170.26	170.99	-94.72	-2,509.97	-4,605.33	661.57	322.82	338.76	1.953 SF		
13,000.00	7,107.95	13,210.89	7,162.01	171.16	170.72	-94.72	-2,509.99	-4,595.30	662.90	324.92	337.98	1.961		
13,100.00	7,108.78	13,210.89	7,162.01	173.95	170.72	-94.72	-2,509.99	-4,595.30	676.61	344.06	332.56	2.035		
13,200.00	7,109.61	13,210.89	7,162.01	176.74	170.72	-94.72	-2,509.99	-4,595.30	704.39	383.10	321.29	2.192		
13,300.00	7,110.43	13,210.89	7,162.01	179.54	170.72	-94.72	-2,509.99	-4,595.30	744.67	438.56	306.11	2.433		
13,368.87	7,111.00	13,210.89	7,162.01	181.46	170.72	-94.72	-2,509.99	-4,595.30	778.69	484.26	294.43	2.645		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.59	135.16	1.39	135.17					
100.00	100.00	100.00	100.00	3.28	3.28	0.59	135.16	1.39	135.17	128.60	6.57	20.576		
200.00	200.00	200.00	200.00	3.34	3.34	0.59	135.16	1.39	135.17	128.49	6.67	20.253 CC, ES		
300.00	299.98	299.99	299.96	3.44	3.44	-143.44	135.14	3.13	136.57	129.69	6.88	19.843		
400.00	399.84	399.82	399.66	3.59	3.60	-142.53	135.08	8.36	140.81	133.62	7.19	19.586		
500.00	499.45	499.36	498.82	3.79	3.80	-141.13	134.97	17.02	147.93	140.34	7.59	19.487		
600.00	598.70	598.47	597.18	4.04	4.05	-139.37	134.82	29.06	158.00	149.92	8.08	19.559		
700.00	697.47	696.99	694.50	4.32	4.33	-137.41	134.63	44.39	171.08	162.44	8.64	19.796		
800.00	795.62	794.80	790.54	4.65	4.64	-135.37	134.40	62.91	187.21	177.94	9.28	20.181		
900.00	893.06	907.72	885.63	5.01	5.05	-133.43	134.13	84.31	206.36	196.32	10.03	20.567		
1,000.00	989.64	989.84	980.70	5.41	5.37	-132.25	133.86	106.23	228.04	217.31	10.73	21.251		
1,100.00	1,085.27	1,086.92	1,075.30	5.85	5.77	-131.78	133.59	128.04	252.02	240.49	11.53	21.854		
1,191.50	1,171.82	1,175.21	1,161.33	6.29	6.15	-131.83	133.35	147.87	275.95	263.65	12.30	22.432		
1,200.00	1,179.82	1,183.39	1,169.30	6.34	6.18	-131.88	133.32	149.71	278.26	265.88	12.38	22.481		
1,300.00	1,273.89	1,279.57	1,263.02	6.85	6.61	-132.48	133.06	171.32	305.46	292.22	13.25	23.062		
1,400.00	1,367.96	1,375.75	1,356.75	7.38	7.04	-132.99	132.79	192.93	332.69	318.55	14.14	23.528		
1,500.00	1,462.03	1,471.94	1,450.47	7.93	7.49	-133.41	132.52	214.54	359.94	344.88	15.06	23.905		
1,600.00	1,556.10	1,568.12	1,544.20	8.49	7.94	-133.78	132.25	236.15	387.21	371.21	15.99	24.213		
1,700.00	1,650.17	1,664.31	1,637.92	9.06	8.40	-134.10	131.98	257.76	414.48	397.54	16.94	24.466		
1,800.00	1,744.24	1,760.49	1,731.65	9.65	8.86	-134.37	131.72	279.37	441.77	423.87	17.90	24.675		
1,900.00	1,838.31	1,856.67	1,825.37	10.23	9.33	-134.62	131.45	300.98	469.07	450.19	18.88	24.849		
2,000.00	1,932.38	1,952.86	1,919.10	10.83	9.80	-134.84	131.18	322.59	496.37	476.51	19.86	24.995		
2,100.00	2,026.45	2,049.04	2,012.82	11.43	10.28	-135.04	130.91	344.20	523.68	502.83	20.85	25.119		
2,200.00	2,120.52	2,145.22	2,106.54	12.03	10.75	-135.21	130.64	365.81	551.00	529.15	21.84	25.223		
2,300.00	2,214.59	2,241.41	2,200.27	12.63	11.24	-135.37	130.38	387.42	578.32	555.47	22.85	25.313		
2,400.00	2,308.66	2,337.59	2,293.99	13.24	11.72	-135.52	130.11	409.03	605.64	581.79	23.85	25.389		
2,500.00	2,402.73	2,433.78	2,387.72	13.86	12.20	-135.65	129.84	430.64	632.97	608.10	24.87	25.456		
2,600.00	2,496.80	2,529.96	2,481.44	14.47	12.69	-135.77	129.57	452.24	660.30	634.42	25.88	25.513		
2,700.00	2,590.87	2,626.14	2,575.17	15.09	13.18	-135.89	129.30	473.85	687.63	660.73	26.90	25.563		
2,800.00	2,684.95	2,722.33	2,668.89	15.71	13.67	-135.99	129.04	495.46	714.96	687.04	27.92	25.606		
2,900.00	2,779.02	2,818.51	2,762.62	16.33	14.16	-136.09	128.77	517.07	742.30	713.35	28.95	25.644		
3,000.00	2,873.09	2,914.70	2,856.34	16.95	14.65	-136.18	128.50	538.68	769.64	739.66	29.97	25.677		
3,100.00	2,967.16	3,010.88	2,950.07	17.57	15.14	-136.26	128.23	560.29	796.98	765.97	31.00	25.706		
3,200.00	3,061.23	3,107.06	3,043.79	18.20	15.64	-136.34	127.97	581.90	824.32	792.28	32.03	25.732		
3,300.00	3,155.30	3,203.25	3,137.51	18.82	16.13	-136.41	127.70	603.51	851.66	818.59	33.07	25.755		
3,400.00	3,249.37	3,300.57	3,231.24	19.45	16.63	-136.48	127.43	625.12	879.01	844.90	34.11	25.771		
3,500.00	3,343.44	3,404.39	3,324.96	20.07	17.17	-136.54	127.16	646.73	906.35	871.17	35.18	25.760		
3,600.00	3,437.51	3,508.20	3,418.69	20.70	17.70	-136.60	126.89	668.34	933.70	897.44	36.26	25.749		
3,700.00	3,531.58	3,587.98	3,512.41	21.33	18.11	-136.66	126.63	689.95	961.04	923.83	37.22	25.824		
3,800.00	3,625.65	3,684.17	3,606.14	21.96	18.61	-136.71	126.36	711.56	988.39	950.14	38.26	25.836		
3,900.00	3,719.72	3,780.35	3,699.86	22.59	19.11	-136.76	126.09	733.17	1,015.74	976.44	39.30	25.848		
4,000.00	3,813.79	3,876.53	3,793.59	23.22	19.61	-136.81	125.82	754.78	1,043.09	1,002.75	40.34	25.858		
4,100.00	3,907.86	3,972.72	3,887.31	23.85	20.11	-136.86	125.55	776.39	1,070.44	1,029.06	41.38	25.867		
4,200.00	4,001.93	4,068.90	3,981.04	24.48	20.61	-136.90	125.29	798.00	1,097.79	1,055.36	42.43	25.875		
4,300.00	4,096.00	4,165.09	4,074.76	25.11	21.11	-136.94	125.02	819.61	1,125.14	1,081.67	43.47	25.883		
4,400.00	4,190.07	4,261.27	4,168.48	25.75	21.61	-136.98	124.75	841.22	1,152.49	1,107.97	44.52	25.889		
4,500.00	4,284.14	4,357.45	4,262.21	26.38	22.11	-137.02	124.48	862.83	1,179.84	1,134.28	45.56	25.895		
4,600.00	4,378.21	4,453.64	4,355.93	27.01	22.61	-137.06	124.21	884.44	1,207.19	1,160.59	46.61	25.900		
4,700.00	4,472.28	4,549.82	4,449.66	27.65	23.11	-137.09	123.95	906.05	1,234.55	1,186.89	47.66	25.905		
4,800.00	4,566.35	4,646.01	4,543.38	28.28	23.61	-137.12	123.68	927.66	1,261.90	1,213.20	48.70	25.909		
4,900.00	4,660.42	4,742.19	4,637.11	28.91	24.11	-137.15	123.41	949.26	1,289.25	1,239.50	49.75	25.913		
5,000.00	4,754.49	4,838.37	4,730.83	29.55	24.61	-137.18	123.14	970.87	1,316.61	1,265.81	50.80	25.916		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,934.56	4,824.56	30.18	25.11	-137.21	122.88	992.48	1,343.96	1,292.11	51.85	25.919		
5,200.00	4,942.63	5,030.74	4,918.28	30.82	25.62	-137.24	122.61	1,014.09	1,371.32	1,318.41	52.90	25.922		
5,300.00	5,036.70	5,126.92	5,012.01	31.45	26.12	-137.27	122.34	1,035.70	1,398.67	1,344.72	53.95	25.924		
5,400.00	5,130.77	5,223.11	5,105.73	32.09	26.62	-137.29	122.07	1,057.31	1,426.03	1,371.02	55.00	25.927		
5,500.00	5,224.84	5,319.29	5,199.45	32.72	27.12	-137.32	121.80	1,078.92	1,453.38	1,397.33	56.05	25.928		
5,600.00	5,318.91	5,415.48	5,293.18	33.36	27.63	-137.34	121.54	1,100.53	1,480.74	1,423.63	57.11	25.930		
5,700.00	5,412.98	5,511.66	5,386.90	33.99	28.13	-137.36	121.27	1,122.14	1,508.09	1,449.94	58.16	25.931		
5,800.00	5,507.06	5,608.91	5,481.69	34.63	28.64	-137.39	121.00	1,143.88	1,535.44	1,476.22	59.22	25.929		
5,900.00	5,601.13	5,709.20	5,579.98	35.26	29.14	-137.51	120.75	1,163.80	1,562.60	1,502.32	60.28	25.922		
6,000.00	5,695.20	5,809.30	5,678.71	35.90	29.61	-137.76	120.55	1,180.25	1,589.53	1,528.23	61.30	25.929		
6,100.00	5,789.27	5,908.95	5,777.52	36.54	30.06	-138.13	120.39	1,193.18	1,616.27	1,553.98	62.28	25.951		
6,200.00	5,883.34	6,007.93	5,876.04	37.17	30.49	-138.61	120.27	1,202.62	1,642.86	1,579.65	63.22	25.988		
6,300.00	5,977.41	6,106.01	5,973.93	37.81	30.88	-139.18	120.20	1,208.62	1,669.40	1,605.29	64.11	26.040		
6,400.00	6,071.48	6,202.97	6,070.85	38.44	31.26	-139.84	120.16	1,211.24	1,695.96	1,631.00	64.96	26.109		
6,500.00	6,165.55	6,302.33	6,165.55	39.08	31.62	-140.55	120.16	1,211.39	1,722.67	1,656.89	65.77	26.191		
6,600.00	6,259.62	6,408.26	6,259.62	39.72	32.00	-141.24	120.16	1,211.39	1,749.61	1,683.01	66.61	26.267		
6,677.33	6,332.36	6,464.48	6,332.36	40.21	32.21	-141.76	120.16	1,211.39	1,770.62	1,703.45	67.16	26.363		
6,700.00	6,353.76	6,485.88	6,353.76	40.35	32.28	-147.44	120.16	1,211.39	1,776.83	1,709.48	67.34	26.384		
6,750.00	6,401.37	6,533.49	6,401.37	40.64	32.46	-161.84	120.16	1,211.39	1,790.69	1,722.95	67.74	26.436		
6,800.00	6,449.30	6,581.42	6,449.30	40.89	32.63	-178.15	120.16	1,211.39	1,804.68	1,736.55	68.12	26.491		
6,850.00	6,497.25	6,629.37	6,497.25	41.11	32.81	165.46	120.16	1,211.39	1,818.69	1,750.18	68.51	26.548		
6,900.00	6,544.95	6,677.07	6,544.95	41.29	32.99	150.95	120.16	1,211.39	1,832.66	1,763.76	68.89	26.602		
6,950.00	6,592.08	6,724.20	6,592.08	41.45	33.16	139.22	120.16	1,211.39	1,846.52	1,777.23	69.28	26.652		
7,000.00	6,638.35	6,768.01	6,638.88	41.58	33.32	130.10	120.20	1,210.61	1,860.27	1,790.61	69.66	26.707		
7,050.00	6,683.50	6,811.38	6,679.09	41.70	33.47	122.99	120.38	1,207.00	1,873.93	1,803.89	70.03	26.758		
7,100.00	6,727.22	6,855.49	6,722.68	41.81	33.63	117.41	120.72	1,200.32	1,887.42	1,816.99	70.43	26.798		
7,150.00	6,769.26	6,900.44	6,766.51	41.92	33.79	112.94	121.23	1,190.43	1,900.67	1,829.81	70.86	26.823		
7,200.00	6,809.36	6,946.34	6,810.44	42.03	33.97	109.32	121.90	1,177.16	1,913.61	1,842.28	71.32	26.830		
7,250.00	6,847.27	6,993.31	6,854.28	42.15	34.17	106.34	122.75	1,160.36	1,926.16	1,854.34	71.83	26.816		
7,300.00	6,882.75	7,041.47	6,897.82	42.27	34.39	103.86	123.80	1,139.82	1,938.26	1,865.88	72.38	26.779		
7,350.00	6,915.58	7,090.94	6,940.79	42.41	34.63	101.80	125.04	1,115.37	1,949.84	1,876.85	72.98	26.716		
7,400.00	6,945.57	7,141.85	6,982.89	42.57	34.90	100.08	126.49	1,086.80	1,960.81	1,887.16	73.65	26.624		
7,450.00	6,972.53	7,194.34	7,023.76	42.75	35.20	98.65	128.16	1,053.94	1,971.12	1,896.74	74.38	26.501		
7,500.00	6,996.30	7,248.51	7,062.95	42.95	35.55	97.48	130.05	1,016.61	1,980.68	1,905.50	75.18	26.345		
7,550.00	7,016.72	7,304.49	7,099.95	43.17	35.96	96.54	132.18	974.69	1,989.45	1,913.38	76.07	26.154		
7,600.00	7,033.66	7,362.36	7,134.18	43.43	36.42	95.81	134.54	928.11	1,997.33	1,920.29	77.04	25.926		
7,650.00	7,047.04	7,422.19	7,164.97	43.72	36.96	95.27	137.14	876.90	2,004.28	1,926.17	78.10	25.662		
7,700.00	7,056.76	7,484.00	7,191.58	44.05	37.57	94.92	139.97	821.20	2,010.21	1,930.95	79.26	25.362		
7,750.00	7,062.76	7,547.79	7,213.23	44.41	38.26	94.73	143.01	761.31	2,015.09	1,934.57	80.51	25.028		
7,799.36	7,065.00	7,612.60	7,228.98	44.81	39.02	94.70	146.20	698.55	2,018.80	1,936.96	81.84	24.667		
7,900.00	7,065.83	7,745.93	7,241.02	45.73	40.73	94.99	152.92	566.17	2,024.35	1,939.59	84.77	23.882		
8,000.00	7,066.66	7,845.81	7,241.18	46.83	42.15	94.96	157.98	466.42	2,029.14	1,941.50	87.64	23.153		
8,100.00	7,067.49	7,945.69	7,241.35	48.11	43.71	94.93	163.05	366.67	2,033.93	1,943.16	90.77	22.408		
8,200.00	7,068.31	8,045.57	7,241.52	49.55	45.39	94.90	168.11	266.92	2,038.71	1,944.57	94.14	21.656		
8,300.00	7,069.14	8,145.45	7,241.68	51.14	47.19	94.87	173.17	167.17	2,043.50	1,945.77	97.73	20.909		
8,400.00	7,069.96	8,245.33	7,241.85	52.86	49.09	94.84	178.24	67.41	2,048.29	1,946.77	101.52	20.177		
8,500.00	7,070.79	8,345.21	7,242.01	54.70	51.08	94.81	183.30	-32.34	2,053.08	1,947.60	105.48	19.465		
8,600.00	7,071.61	8,445.09	7,242.18	56.64	53.15	94.78	188.37	-132.09	2,057.87	1,948.28	109.59	18.778		
8,700.00	7,072.44	8,544.97	7,242.35	58.68	55.29	94.75	193.43	-231.84	2,062.66	1,948.82	113.84	18.119		
8,800.00	7,073.27	8,644.85	7,242.51	60.78	57.50	94.72	198.49	-331.59	2,067.45	1,949.23	118.22	17.489		
8,900.00	7,074.09	8,744.73	7,242.68	62.96	59.76	94.69	203.56	-431.34	2,072.24	1,949.54	122.70	16.889		
9,000.00	7,074.92	8,844.61	7,242.85	65.19	62.07	94.67	208.62	-531.09	2,077.03	1,949.75	127.28	16.318		

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

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

Offset Design Falken 9-11 PAD - Falken 9C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	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)			
9,100.00	7,075.74	8,944.49	7,243.01	67.48	64.43	94.64	213.69	-630.84	2,081.82	1,949.87	131.96	15.777		
9,200.00	7,076.57	9,044.37	7,243.18	69.82	66.83	94.61	218.75	-730.59	2,086.62	1,949.91	136.71	15.263		
9,300.00	7,077.40	9,144.25	7,243.34	72.19	69.26	94.58	223.82	-830.34	2,091.41	1,949.88	141.53	14.777		
9,400.00	7,078.22	9,244.13	7,243.51	74.61	71.73	94.55	228.88	-930.10	2,096.20	1,949.79	146.42	14.317		
9,500.00	7,079.05	9,344.01	7,243.68	77.05	74.22	94.52	233.94	-1,029.85	2,101.00	1,949.64	151.36	13.881		
9,600.00	7,079.87	9,443.89	7,243.84	79.53	76.74	94.49	239.01	-1,129.60	2,105.79	1,949.43	156.36	13.468		
9,700.00	7,080.70	9,543.77	7,244.01	82.03	79.29	94.47	244.07	-1,229.35	2,110.59	1,949.18	161.40	13.076		
9,800.00	7,081.53	9,643.65	7,244.18	84.55	81.86	94.44	249.14	-1,329.10	2,115.38	1,948.89	166.49	12.706		
9,900.00	7,082.35	9,743.52	7,244.34	87.10	84.44	94.41	254.20	-1,428.85	2,120.18	1,948.56	171.62	12.354		
10,000.00	7,083.18	9,843.40	7,244.51	89.67	87.05	94.38	259.26	-1,528.60	2,124.98	1,948.19	176.79	12.020		
10,100.00	7,084.00	9,943.28	7,244.67	92.25	89.67	94.35	264.33	-1,628.35	2,129.77	1,947.79	181.98	11.703		
10,200.00	7,084.83	10,043.16	7,244.84	94.86	92.30	94.33	269.39	-1,728.10	2,134.57	1,947.36	187.21	11.402		
10,300.00	7,085.65	10,143.04	7,245.01	97.47	94.95	94.30	274.46	-1,827.85	2,139.37	1,946.90	192.47	11.115		
10,400.00	7,086.48	10,242.92	7,245.17	100.10	97.61	94.27	279.52	-1,927.61	2,144.17	1,946.42	197.75	10.843		
10,500.00	7,087.31	10,342.80	7,245.34	102.75	100.28	94.25	284.58	-2,027.36	2,148.97	1,945.91	203.05	10.583		
10,600.00	7,088.13	10,442.68	7,245.51	105.40	102.97	94.22	289.65	-2,127.11	2,153.77	1,945.39	208.38	10.336		
10,700.00	7,088.96	10,542.56	7,245.67	108.07	105.66	94.19	294.71	-2,226.86	2,158.57	1,944.84	213.73	10.100		
10,800.00	7,089.78	10,642.44	7,245.84	110.75	108.36	94.16	299.78	-2,326.61	2,163.37	1,944.27	219.10	9.874		
10,900.00	7,090.61	10,742.32	7,246.00	113.43	111.07	94.14	304.84	-2,426.36	2,168.17	1,943.69	224.48	9.659		
11,000.00	7,091.44	10,842.20	7,246.17	116.13	113.79	94.11	309.90	-2,526.11	2,172.97	1,943.09	229.88	9.453		
11,100.00	7,092.26	10,942.08	7,246.34	118.83	116.52	94.08	314.97	-2,625.86	2,177.77	1,942.48	235.30	9.255		
11,200.00	7,093.09	11,041.96	7,246.50	121.54	119.25	94.06	320.03	-2,725.61	2,182.58	1,941.85	240.73	9.067		
11,300.00	7,093.91	11,141.84	7,246.67	124.25	121.99	94.03	325.10	-2,825.36	2,187.38	1,941.21	246.17	8.886		
11,400.00	7,094.74	11,241.72	7,246.84	126.98	124.73	94.01	330.16	-2,925.12	2,192.18	1,940.56	251.62	8.712		
11,500.00	7,095.57	11,345.69	7,247.01	129.70	127.59	93.98	335.43	-3,028.96	2,196.98	1,939.78	257.21	8.542		
11,600.00	7,096.39	11,629.63	7,247.51	132.44	135.38	93.93	335.56	-3,312.79	2,195.60	1,928.66	266.94	8.225		
11,700.00	7,097.22	11,729.56	7,247.69	135.18	138.12	93.92	332.05	-3,412.65	2,191.85	1,919.44	272.41	8.046		
11,800.00	7,098.04	11,829.48	7,247.87	137.92	140.85	93.91	328.55	-3,512.52	2,188.09	1,910.20	277.89	7.874		
11,900.00	7,098.87	11,929.41	7,248.06	140.67	143.60	93.90	325.04	-3,612.39	2,184.34	1,900.96	283.38	7.708		
12,000.00	7,099.69	12,029.34	7,248.24	143.43	146.34	93.89	321.54	-3,712.25	2,180.59	1,891.72	288.88	7.549		
12,100.00	7,100.52	12,129.27	7,248.42	146.19	149.09	93.88	318.04	-3,812.12	2,176.84	1,882.46	294.38	7.395		
12,200.00	7,101.35	12,229.20	7,248.60	148.95	151.84	93.87	314.53	-3,911.99	2,173.09	1,873.20	299.89	7.246		
12,300.00	7,102.17	12,329.13	7,248.78	151.71	154.60	93.86	311.03	-4,011.86	2,169.34	1,863.93	305.41	7.103		
12,400.00	7,103.00	12,429.06	7,248.97	154.48	157.36	93.85	307.52	-4,111.72	2,165.59	1,854.65	310.94	6.965		
12,500.00	7,103.82	12,528.99	7,249.15	157.26	160.12	93.84	304.02	-4,211.59	2,161.84	1,845.37	316.47	6.831		
12,600.00	7,104.65	12,628.91	7,249.33	160.03	162.89	93.83	300.51	-4,311.46	2,158.09	1,836.08	322.01	6.702		
12,700.00	7,105.48	12,728.84	7,249.51	162.81	165.65	93.82	297.01	-4,411.33	2,154.33	1,826.79	327.55	6.577		
12,800.00	7,106.30	12,828.77	7,249.70	165.59	168.43	93.81	293.50	-4,511.19	2,150.58	1,817.49	333.10	6.456		
12,900.00	7,107.13	12,928.70	7,249.88	168.38	171.20	93.80	290.00	-4,611.06	2,146.83	1,808.18	338.65	6.339		
13,000.00	7,107.95	13,028.63	7,250.06	171.16	173.97	93.79	286.49	-4,710.93	2,143.08	1,798.88	344.21	6.226		
13,100.00	7,108.78	13,128.56	7,250.24	173.95	176.75	93.78	282.99	-4,810.79	2,139.33	1,789.56	349.77	6.116		
13,200.00	7,109.61	13,228.49	7,250.43	176.74	179.53	93.77	279.48	-4,910.66	2,135.58	1,780.25	355.33	6.010		
13,300.00	7,110.43	13,328.42	7,250.61	179.54	182.31	93.76	275.98	-5,010.53	2,131.83	1,770.93	360.91	5.907		
13,368.87	7,111.00	13,402.77	7,250.73	181.46	184.38	93.75	273.57	-5,079.30	2,129.25	1,764.35	364.90	5.835 SF		

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

Offset Design Falken 9-11 PAD - Falken 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	0.53	150.09	1.39	150.10					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	150.09	1.39	150.10	143.53	6.57	22.849		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	150.09	1.39	150.10	143.43	6.67	22.490 CC, ES		
300.00	299.98	299.02	299.00	3.44	3.44	-143.55	150.39	3.08	151.83	144.94	6.88	22.059		
400.00	399.84	397.83	397.68	3.59	3.60	-142.77	151.28	8.11	157.02	149.83	7.19	21.839		
500.00	499.45	496.25	495.72	3.79	3.80	-141.58	152.75	16.46	165.71	158.12	7.59	21.827		
600.00	598.70	594.07	592.83	4.04	4.04	-140.10	154.79	28.04	177.94	169.86	8.08	22.029		
700.00	697.47	691.11	688.71	4.32	4.31	-138.46	157.39	42.74	193.73	185.09	8.64	22.429		
800.00	795.62	787.23	783.12	4.65	4.62	-136.77	160.51	60.45	213.10	203.84	9.26	23.008		
900.00	893.06	884.61	878.48	5.01	4.96	-135.46	163.94	79.92	235.50	225.56	9.95	23.677		
1,000.00	989.64	981.46	973.31	5.41	5.32	-134.85	167.35	99.28	260.36	249.68	10.68	24.378		
1,100.00	1,085.27	1,077.66	1,067.51	5.85	5.71	-134.75	170.74	118.50	287.60	276.14	11.46	25.105		
1,191.50	1,171.82	1,165.02	1,153.06	6.29	6.06	-135.00	173.82	135.97	314.60	302.41	12.20	25.792		
1,200.00	1,179.82	1,173.10	1,160.97	6.34	6.10	-135.07	174.11	137.58	317.21	304.93	12.27	25.850		
1,300.00	1,273.89	1,268.20	1,254.08	6.85	6.50	-135.84	177.46	156.59	347.85	334.75	13.11	26.543		
1,400.00	1,367.96	1,363.29	1,347.20	7.38	6.91	-136.48	180.81	175.59	378.55	364.59	13.96	27.108		
1,500.00	1,462.03	1,458.38	1,440.31	7.93	7.34	-137.03	184.16	194.60	409.28	394.44	14.84	27.571		
1,600.00	1,556.10	1,553.48	1,533.42	8.49	7.76	-137.50	187.51	213.61	440.05	424.30	15.74	27.954		
1,700.00	1,650.17	1,648.57	1,626.54	9.06	8.20	-137.91	190.87	232.61	470.83	454.18	16.65	28.272		
1,800.00	1,744.24	1,743.66	1,719.65	9.65	8.64	-138.27	194.22	251.62	501.64	484.06	17.58	28.539		
1,900.00	1,838.31	1,838.75	1,812.77	10.23	9.08	-138.59	197.57	270.63	532.46	513.95	18.51	28.764		
2,000.00	1,932.38	1,933.85	1,905.88	10.83	9.53	-138.87	200.92	289.63	563.29	543.84	19.45	28.955		
2,100.00	2,026.45	2,028.94	1,998.99	11.43	9.98	-139.12	204.27	308.64	594.14	573.73	20.40	29.119		
2,200.00	2,120.52	2,124.03	2,092.11	12.03	10.43	-139.35	207.62	327.65	624.99	603.63	21.36	29.260		
2,300.00	2,214.59	2,219.13	2,185.22	12.63	10.89	-139.56	210.97	346.65	655.85	633.53	22.32	29.381		
2,400.00	2,308.66	2,314.22	2,278.33	13.24	11.34	-139.75	214.32	365.66	686.72	663.43	23.29	29.487		
2,500.00	2,402.73	2,409.31	2,371.45	13.86	11.80	-139.92	217.68	384.67	717.60	693.34	24.26	29.579		
2,600.00	2,496.80	2,504.40	2,464.56	14.47	12.27	-140.08	221.03	403.67	748.48	723.24	25.24	29.660		
2,700.00	2,590.87	2,599.50	2,557.67	15.09	12.73	-140.22	224.38	422.68	779.37	753.15	26.21	29.731		
2,800.00	2,684.95	2,705.41	2,650.79	15.71	13.24	-140.36	227.73	441.69	810.26	783.01	27.25	29.736		
2,900.00	2,779.02	2,789.68	2,743.90	16.33	13.66	-140.48	231.08	460.69	841.15	812.97	28.18	29.850		
3,000.00	2,873.09	2,884.77	2,837.02	16.95	14.12	-140.60	234.43	479.70	872.05	842.88	29.17	29.900		
3,100.00	2,967.16	2,979.87	2,930.13	17.57	14.59	-140.71	237.78	498.71	902.95	872.79	30.15	29.944		
3,200.00	3,061.23	3,074.96	3,023.24	18.20	15.06	-140.81	241.14	517.71	933.85	902.71	31.15	29.984		
3,300.00	3,155.30	3,170.05	3,116.36	18.82	15.53	-140.90	244.49	536.72	964.76	932.62	32.14	30.019		
3,400.00	3,249.37	3,265.15	3,209.47	19.45	16.00	-140.99	247.84	555.73	995.66	962.53	33.13	30.052		
3,500.00	3,343.44	3,360.24	3,302.58	20.07	16.47	-141.07	251.19	574.73	1,026.57	992.45	34.13	30.081		
3,600.00	3,437.51	3,455.33	3,395.70	20.70	16.94	-141.15	254.54	593.74	1,057.49	1,022.36	35.12	30.107		
3,700.00	3,531.58	3,550.42	3,488.81	21.33	17.41	-141.23	257.89	612.75	1,088.40	1,052.28	36.12	30.131		
3,800.00	3,625.65	3,645.52	3,581.93	21.96	17.88	-141.30	261.24	631.75	1,119.31	1,082.19	37.12	30.153		
3,900.00	3,719.72	3,740.61	3,675.04	22.59	18.35	-141.36	264.60	650.76	1,150.23	1,112.11	38.12	30.172		
4,000.00	3,813.79	3,835.70	3,768.15	23.22	18.82	-141.42	267.95	669.77	1,181.15	1,142.02	39.12	30.190		
4,100.00	3,907.86	3,930.80	3,861.27	23.85	19.30	-141.48	271.30	688.77	1,212.07	1,171.94	40.13	30.207		
4,200.00	4,001.93	4,025.89	3,954.38	24.48	19.77	-141.54	274.65	707.78	1,242.99	1,201.86	41.13	30.222		
4,300.00	4,096.00	4,120.98	4,047.49	25.11	20.25	-141.59	278.00	726.79	1,273.91	1,231.77	42.13	30.236		
4,400.00	4,190.07	4,216.07	4,140.61	25.75	20.72	-141.64	281.35	745.79	1,304.83	1,261.69	43.14	30.248		
4,500.00	4,284.14	4,311.17	4,233.72	26.38	21.19	-141.69	284.70	764.80	1,335.75	1,291.61	44.14	30.260		
4,600.00	4,378.21	4,406.26	4,326.83	27.01	21.67	-141.74	288.06	783.81	1,366.68	1,321.53	45.15	30.271		
4,700.00	4,472.28	4,501.35	4,419.95	27.65	22.14	-141.78	291.41	802.81	1,397.60	1,351.45	46.16	30.280		
4,800.00	4,566.35	4,603.56	4,513.06	28.28	22.65	-141.83	294.76	821.82	1,428.53	1,381.33	47.20	30.267		
4,900.00	4,660.42	4,708.46	4,606.18	28.91	23.18	-141.87	298.11	840.83	1,459.45	1,411.20	48.25	30.245		
5,000.00	4,754.49	4,786.63	4,699.29	29.55	23.57	-141.91	301.46	859.83	1,490.38	1,441.20	49.18	30.306		

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

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

Offset Design Falken 9-11 PAD - Falken 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	4,848.56	4,881.72	4,792.40	30.18	24.05	-141.94	304.81	878.84	1,521.30	1,471.12	50.19	30.313		
5,200.00	4,942.63	4,976.82	4,885.52	30.82	24.52	-141.98	308.16	897.85	1,552.23	1,501.04	51.20	30.319		
5,300.00	5,036.70	5,071.91	4,978.63	31.45	25.00	-142.02	311.52	916.85	1,583.16	1,530.96	52.21	30.325		
5,400.00	5,130.77	5,167.00	5,071.74	32.09	25.48	-142.05	314.87	935.86	1,614.09	1,560.87	53.22	30.331		
5,500.00	5,224.84	5,262.09	5,164.86	32.72	25.95	-142.08	318.22	954.87	1,645.02	1,590.79	54.23	30.336		
5,600.00	5,318.91	5,357.19	5,257.97	33.36	26.43	-142.11	321.57	973.87	1,675.95	1,620.71	55.24	30.341		
5,700.00	5,412.98	5,452.28	5,351.08	33.99	26.91	-142.14	324.92	992.88	1,706.88	1,650.63	56.25	30.346		
5,800.00	5,507.06	5,547.37	5,444.20	34.63	27.38	-142.17	328.27	1,011.89	1,737.81	1,680.55	57.26	30.350		
5,900.00	5,601.13	5,642.47	5,537.31	35.26	27.86	-142.20	331.62	1,030.89	1,768.74	1,710.47	58.27	30.354		
6,000.00	5,695.20	5,737.56	5,630.43	35.90	28.34	-142.22	334.97	1,049.90	1,799.67	1,740.39	59.28	30.357		
6,100.00	5,789.27	5,832.65	5,723.54	36.54	28.82	-142.25	338.33	1,068.91	1,830.60	1,770.31	60.30	30.361		
6,200.00	5,883.34	5,927.74	5,816.65	37.17	29.29	-142.27	341.68	1,087.91	1,861.53	1,800.23	61.31	30.364		
6,300.00	5,977.41	6,022.84	5,909.77	37.81	29.77	-142.30	345.03	1,106.92	1,892.47	1,830.14	62.32	30.366		
6,400.00	6,071.48	6,117.93	6,002.88	38.44	30.25	-142.32	348.38	1,125.93	1,923.40	1,860.06	63.33	30.369		
6,500.00	6,165.55	6,213.02	6,095.99	39.08	30.73	-142.34	351.73	1,144.93	1,954.33	1,889.98	64.35	30.371		
6,600.00	6,259.62	6,308.12	6,189.11	39.72	31.20	-142.37	355.08	1,163.94	1,985.26	1,919.90	65.36	30.374		
6,677.33	6,332.36	6,381.65	6,261.11	40.21	31.57	-142.38	357.67	1,178.64	2,009.18	1,943.04	66.15	30.375		
6,700.00	6,353.76	6,403.20	6,282.21	40.35	31.68	-148.00	358.43	1,182.94	2,016.22	1,949.84	66.37	30.377		
6,750.00	6,401.37	6,450.56	6,328.59	40.64	31.92	-162.27	360.10	1,192.41	2,031.85	1,964.98	66.87	30.387		
6,800.00	6,449.30	6,497.04	6,374.11	40.89	32.15	-178.48	361.74	1,201.66	2,047.58	1,980.24	67.34	30.408		
6,850.00	6,497.25	6,541.34	6,417.83	41.11	32.36	165.14	363.36	1,208.52	2,063.39	1,995.63	67.76	30.452		
6,900.00	6,544.95	6,586.12	6,462.41	41.29	32.55	150.52	365.07	1,212.34	2,079.20	2,011.04	68.15	30.507		
6,950.00	6,592.08	6,631.50	6,507.74	41.45	32.73	138.59	366.88	1,213.01	2,094.93	2,026.39	68.53	30.567		
7,000.00	6,638.35	6,677.55	6,553.66	41.58	32.90	129.21	368.78	1,210.38	2,110.48	2,041.57	68.91	30.626		
7,050.00	6,683.50	6,724.37	6,600.04	41.70	33.06	121.87	370.77	1,204.31	2,125.77	2,056.47	69.30	30.675		
7,100.00	6,727.22	6,772.06	6,646.68	41.81	33.24	116.07	372.84	1,194.64	2,140.70	2,070.99	69.71	30.709		
7,150.00	6,769.26	6,820.74	6,693.40	41.92	33.43	111.40	375.00	1,181.20	2,155.20	2,085.05	70.15	30.723		
7,200.00	6,809.36	6,870.49	6,739.95	42.03	33.63	107.58	377.23	1,163.81	2,169.16	2,098.54	70.62	30.715		
7,250.00	6,847.27	6,921.42	6,786.04	42.15	33.85	104.43	379.53	1,142.29	2,182.52	2,111.38	71.14	30.681		
7,300.00	6,882.75	6,973.63	6,831.35	42.27	34.10	101.79	381.88	1,116.48	2,195.17	2,123.47	71.70	30.617		
7,350.00	6,915.58	7,027.21	6,875.48	42.41	34.38	99.58	384.28	1,086.23	2,207.05	2,134.73	72.31	30.520		
7,400.00	6,945.57	7,082.23	6,917.99	42.57	34.69	97.73	386.70	1,051.40	2,218.06	2,145.07	73.00	30.386		
7,450.00	6,972.53	7,138.74	6,958.35	42.75	35.04	96.18	389.14	1,011.95	2,228.15	2,154.40	73.75	30.213		
7,500.00	6,996.30	7,196.78	6,995.99	42.95	35.45	94.90	391.56	967.86	2,237.23	2,162.65	74.58	29.998		
7,550.00	7,016.72	7,256.34	7,030.28	43.17	35.92	93.86	393.94	919.25	2,245.23	2,169.72	75.50	29.736		
7,600.00	7,033.66	7,317.38	7,060.55	43.43	36.46	93.03	396.25	866.33	2,252.09	2,175.56	76.53	29.429		
7,650.00	7,047.04	7,379.81	7,086.12	43.72	37.06	92.41	398.45	809.45	2,257.75	2,180.10	77.64	29.078		
7,700.00	7,056.76	7,443.49	7,106.35	44.05	37.74	91.97	400.50	749.13	2,262.16	2,183.31	78.86	28.687		
7,750.00	7,062.76	7,508.24	7,120.63	44.41	38.49	91.71	402.38	686.03	2,265.29	2,185.13	80.16	28.259		
7,799.36	7,065.00	7,572.98	7,128.43	44.81	39.28	91.61	404.02	621.80	2,267.08	2,185.56	81.52	27.810		
7,900.00	7,065.83	7,684.19	7,130.13	45.73	40.75	91.63	406.38	510.66	2,269.01	2,184.73	84.28	26.922		
8,000.00	7,066.66	7,784.17	7,130.32	46.83	42.22	91.62	408.44	410.70	2,270.85	2,183.64	87.21	26.039		
8,100.00	7,067.49	7,884.15	7,130.52	48.11	43.83	91.60	410.51	310.74	2,272.69	2,182.28	90.41	25.139		
8,200.00	7,068.31	7,984.13	7,130.71	49.55	45.56	91.58	412.58	210.78	2,274.53	2,180.69	93.84	24.238		
8,300.00	7,069.14	8,084.11	7,130.90	51.14	47.40	91.56	414.65	110.82	2,276.37	2,178.88	97.49	23.349		
8,400.00	7,069.96	8,184.09	7,131.10	52.86	49.34	91.55	416.71	10.86	2,278.21	2,176.88	101.34	22.482		
8,500.00	7,070.79	8,284.07	7,131.29	54.70	51.37	91.53	418.78	-89.09	2,280.05	2,174.70	105.35	21.643		
8,600.00	7,071.61	8,384.05	7,131.49	56.64	53.47	91.51	420.85	-189.05	2,281.90	2,172.38	109.52	20.836		
8,700.00	7,072.44	8,484.03	7,131.68	58.68	55.64	91.50	422.92	-289.01	2,283.74	2,169.92	113.82	20.065		
8,800.00	7,073.27	8,584.01	7,131.87	60.78	57.88	91.48	424.99	-388.97	2,285.58	2,167.34	118.24	19.330		
8,900.00	7,074.09	8,683.99	7,132.07	62.96	60.16	91.46	427.05	-488.93	2,287.42	2,164.65	122.77	18.632		
9,000.00	7,074.92	8,783.98	7,132.26	65.19	62.50	91.44	429.12	-588.89	2,289.26	2,161.87	127.40	17.970		

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

Offset Design Falken 9-11 PAD - Falken 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		
9,100.00	7,075.74	8,883.96	7,132.46	67.48	64.87	91.43	431.19	-688.85	2,291.11	2,159.00	132.11	17.343		
9,200.00	7,076.57	8,983.94	7,132.65	69.82	67.29	91.41	433.26	-788.81	2,292.95	2,156.05	136.90	16.750		
9,300.00	7,077.40	9,083.92	7,132.84	72.19	69.74	91.39	435.33	-888.77	2,294.79	2,153.04	141.75	16.189		
9,400.00	7,078.22	9,183.90	7,133.04	74.61	72.21	91.38	437.39	-988.73	2,296.64	2,149.96	146.68	15.658		
9,500.00	7,079.05	9,283.88	7,133.23	77.05	74.72	91.36	439.46	-1,088.69	2,298.48	2,146.83	151.65	15.156		
9,600.00	7,079.87	9,383.86	7,133.42	79.53	77.25	91.34	441.53	-1,188.65	2,300.32	2,143.64	156.68	14.682		
9,700.00	7,080.70	9,483.84	7,133.62	82.03	79.81	91.33	443.60	-1,288.60	2,302.17	2,140.41	161.75	14.232		
9,800.00	7,081.53	9,583.82	7,133.81	84.55	82.38	91.31	445.67	-1,388.56	2,304.01	2,137.14	166.87	13.807		
9,900.00	7,082.35	9,683.80	7,134.01	87.10	84.98	91.29	447.73	-1,488.52	2,305.86	2,133.83	172.03	13.404		
10,000.00	7,083.18	9,783.78	7,134.20	89.67	87.59	91.28	449.80	-1,588.48	2,307.70	2,130.49	177.22	13.022		
10,100.00	7,084.00	9,883.76	7,134.39	92.25	90.21	91.26	451.87	-1,688.44	2,309.55	2,127.11	182.44	12.659		
10,200.00	7,084.83	9,983.74	7,134.59	94.86	92.85	91.24	453.94	-1,788.40	2,311.39	2,123.70	187.69	12.315		
10,300.00	7,085.65	10,083.72	7,134.78	97.47	95.51	91.23	456.00	-1,888.36	2,313.24	2,120.27	192.97	11.988		
10,400.00	7,086.48	10,183.71	7,134.98	100.10	98.17	91.21	458.07	-1,988.32	2,315.08	2,116.81	198.27	11.676		
10,500.00	7,087.31	10,283.69	7,135.17	102.75	100.85	91.19	460.14	-2,088.28	2,316.93	2,113.33	203.59	11.380		
10,600.00	7,088.13	10,383.67	7,135.36	105.40	103.53	91.18	462.21	-2,188.24	2,318.77	2,109.83	208.94	11.098		
10,700.00	7,088.96	10,483.65	7,135.56	108.07	106.23	91.16	464.28	-2,288.20	2,320.62	2,106.31	214.31	10.828		
10,800.00	7,089.78	10,583.63	7,135.75	110.75	108.93	91.14	466.34	-2,388.15	2,322.46	2,102.77	219.69	10.571		
10,900.00	7,090.61	10,683.61	7,135.94	113.43	111.65	91.13	468.41	-2,488.11	2,324.31	2,099.22	225.09	10.326		
11,000.00	7,091.44	10,783.59	7,136.14	116.13	114.37	91.11	470.48	-2,588.07	2,326.16	2,095.65	230.51	10.091		
11,100.00	7,092.26	10,883.57	7,136.33	118.83	117.09	91.09	472.55	-2,688.03	2,328.00	2,092.06	235.94	9.867		
11,200.00	7,093.09	10,983.55	7,136.53	121.54	119.83	91.08	474.62	-2,787.99	2,329.85	2,088.47	241.39	9.652		
11,300.00	7,093.91	11,083.53	7,136.72	124.25	122.57	91.06	476.68	-2,887.95	2,331.70	2,084.85	246.84	9.446		
11,400.00	7,094.74	11,183.51	7,136.91	126.98	125.31	91.04	478.75	-2,987.91	2,333.55	2,081.23	252.31	9.249		
11,500.00	7,095.57	11,283.49	7,137.11	129.70	128.06	91.03	480.82	-3,087.87	2,335.39	2,077.60	257.79	9.059		
11,600.00	7,096.39	11,383.47	7,137.30	132.44	130.82	91.01	482.89	-3,187.83	2,337.24	2,073.96	263.28	8.877		
11,700.00	7,097.22	11,483.45	7,137.50	135.18	133.58	91.00	484.96	-3,287.79	2,339.09	2,070.30	268.79	8.702		
11,800.00	7,098.04	11,583.44	7,137.69	137.92	136.34	90.98	487.02	-3,387.75	2,340.94	2,066.64	274.30	8.534		
11,900.00	7,098.87	11,683.42	7,137.88	140.67	139.11	90.96	489.09	-3,487.71	2,342.78	2,062.97	279.81	8.373		
12,000.00	7,099.69	11,783.40	7,138.08	143.43	141.88	90.95	491.16	-3,587.66	2,344.63	2,059.29	285.34	8.217		
12,100.00	7,100.52	11,883.38	7,138.27	146.19	144.66	90.93	493.23	-3,687.62	2,346.48	2,055.61	290.87	8.067		
12,200.00	7,101.35	11,983.36	7,138.46	148.95	147.44	90.91	495.29	-3,787.58	2,348.33	2,051.91	296.42	7.922		
12,300.00	7,102.17	12,083.34	7,138.66	151.71	150.22	90.90	497.36	-3,887.54	2,350.18	2,048.21	301.97	7.783		
12,400.00	7,103.00	12,183.32	7,138.85	154.48	153.00	90.88	499.43	-3,987.50	2,352.03	2,044.51	307.52	7.648		
12,500.00	7,103.82	12,283.30	7,139.05	157.26	155.79	90.87	501.50	-4,087.46	2,353.88	2,040.80	313.08	7.518		
12,600.00	7,104.65	12,383.28	7,139.24	160.03	158.58	90.85	503.57	-4,187.42	2,355.73	2,037.08	318.65	7.393		
12,700.00	7,105.48	12,483.26	7,139.43	162.81	161.38	90.83	505.63	-4,287.38	2,357.58	2,033.36	324.22	7.272		
12,800.00	7,106.30	12,583.24	7,139.63	165.59	164.17	90.82	507.70	-4,387.34	2,359.43	2,029.63	329.80	7.154		
12,900.00	7,107.13	12,683.22	7,139.82	168.38	166.97	90.80	509.77	-4,487.30	2,361.28	2,025.90	335.38	7.041		
13,000.00	7,107.95	12,783.20	7,140.02	171.16	169.77	90.79	511.84	-4,587.26	2,363.13	2,022.16	340.97	6.931		
13,100.00	7,108.78	12,883.18	7,140.21	173.95	172.58	90.77	513.91	-4,687.22	2,364.98	2,018.42	346.56	6.824		
13,200.00	7,109.61	12,983.17	7,140.40	176.74	175.38	90.75	515.97	-4,787.17	2,366.83	2,014.67	352.16	6.721		
13,300.00	7,110.43	13,083.15	7,140.60	179.54	178.19	90.74	518.04	-4,887.13	2,368.68	2,010.92	357.76	6.621		
13,368.87	7,111.00	13,152.00	7,140.73	181.46	180.12	90.73	519.47	-4,955.97	2,369.95	2,008.34	361.62	6.554 SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	4.00	-4.00	3.28	3.28	-46.82	1,592.07	-1,696.57	2,326.60					
100.00	100.00	104.00	96.00	3.28	3.78	-46.82	1,592.07	-1,696.57	2,326.60	2,319.53	7.07	329.181		
200.00	200.00	204.00	196.00	3.34	6.30	-46.82	1,592.07	-1,696.57	2,326.60	2,316.96	9.63	241.480 CC		
300.00	299.98	304.02	295.98	3.44	9.46	168.83	1,592.07	-1,696.57	2,328.31	2,315.41	12.90	180.551 ES		
400.00	399.84	404.16	395.84	3.59	12.79	168.84	1,592.07	-1,696.57	2,333.44	2,317.06	16.39	142.413		
500.00	499.45	504.55	495.45	3.79	16.20	168.84	1,592.07	-1,696.57	2,341.99	2,322.00	20.00	117.110		
600.00	598.70	605.30	594.70	4.04	19.66	168.86	1,592.07	-1,696.57	2,353.95	2,330.26	23.70	99.329		
700.00	697.47	706.53	693.47	4.32	23.15	168.87	1,592.07	-1,696.57	2,369.31	2,341.84	27.47	86.251		
800.00	795.62	808.38	791.62	4.65	26.68	168.88	1,592.07	-1,696.57	2,388.04	2,356.74	31.30	76.285		
900.00	893.06	889.06	889.06	5.01	29.47	168.90	1,592.07	-1,696.57	2,410.14	2,375.70	34.44	69.984		
1,000.00	989.64	985.64	985.64	5.41	32.83	168.92	1,592.07	-1,696.57	2,435.57	2,397.41	38.15	63.839		
1,100.00	1,085.27	1,081.27	1,081.27	5.85	36.15	168.93	1,592.07	-1,696.57	2,464.30	2,422.45	41.86	58.876		
1,191.50	1,171.82	1,167.82	1,167.82	6.29	39.16	168.95	1,592.07	-1,696.57	2,493.47	2,448.24	45.23	55.128		
1,200.00	1,179.82	1,175.82	1,175.82	6.34	39.44	168.96	1,592.07	-1,696.57	2,496.30	2,450.76	45.55	54.805		
1,300.00	1,273.89	1,269.89	1,269.89	6.85	42.71	169.10	1,592.07	-1,696.57	2,529.68	2,480.45	49.22	51.393		
1,400.00	1,367.96	1,363.96	1,363.96	7.38	45.99	169.25	1,592.07	-1,696.57	2,563.06	2,510.15	52.91	48.440		
1,500.00	1,462.03	1,458.03	1,458.03	7.93	49.26	169.39	1,592.07	-1,696.57	2,596.47	2,539.85	56.61	45.863		
1,600.00	1,556.10	1,552.10	1,552.10	8.49	52.54	169.52	1,592.07	-1,696.57	2,629.88	2,569.56	60.33	43.595		
1,700.00	1,650.17	1,646.17	1,646.17	9.06	55.82	169.66	1,592.07	-1,696.57	2,663.31	2,599.26	64.05	41.584		
1,800.00	1,744.24	1,740.24	1,740.24	9.65	59.10	169.78	1,592.07	-1,696.57	2,696.75	2,628.97	67.77	39.790		
1,900.00	1,838.31	1,834.31	1,834.31	10.23	62.38	169.91	1,592.07	-1,696.57	2,730.20	2,658.69	71.51	38.180		
2,000.00	1,932.38	1,928.38	1,928.38	10.83	65.66	170.03	1,592.07	-1,696.57	2,763.66	2,688.42	75.25	36.728		
2,100.00	2,026.45	2,022.45	2,022.45	11.43	68.94	170.15	1,592.07	-1,696.57	2,797.14	2,718.15	78.99	35.411		
2,200.00	2,120.52	2,116.52	2,116.52	12.03	72.22	170.27	1,592.07	-1,696.57	2,830.62	2,747.88	82.74	34.211		
2,300.00	2,214.59	2,210.59	2,210.59	12.63	75.50	170.39	1,592.07	-1,696.57	2,864.12	2,777.63	86.49	33.115		
2,400.00	2,308.66	2,304.66	2,304.66	13.24	78.78	170.50	1,592.07	-1,696.57	2,897.62	2,807.38	90.24	32.109		
2,500.00	2,402.73	2,401.27	2,398.73	13.86	82.15	170.61	1,592.07	-1,696.57	2,931.14	2,837.05	94.09	31.153		
2,600.00	2,496.80	2,507.20	2,492.80	14.47	85.84	170.71	1,592.07	-1,696.57	2,964.66	2,866.40	98.26	30.171		
2,700.00	2,590.87	2,586.87	2,586.87	15.09	88.62	170.82	1,592.07	-1,696.57	2,998.20	2,896.67	101.52	29.533		
2,800.00	2,684.95	2,680.95	2,680.95	15.71	91.91	170.92	1,592.07	-1,696.57	3,031.74	2,926.45	105.28	28.796		
2,900.00	2,779.02	2,775.02	2,775.02	16.33	95.19	171.02	1,592.07	-1,696.57	3,065.29	2,956.24	109.05	28.110		
3,000.00	2,873.09	2,869.09	2,869.09	16.95	98.47	171.12	1,592.07	-1,696.57	3,098.85	2,986.03	112.81	27.469		
3,100.00	2,967.16	2,963.16	2,963.16	17.57	101.75	171.21	1,592.07	-1,696.57	3,132.41	3,015.83	116.58	26.869		
3,200.00	3,061.23	3,057.23	3,057.23	18.20	105.03	171.31	1,592.07	-1,696.57	3,165.99	3,045.64	120.35	26.307		
3,300.00	3,155.30	3,151.30	3,151.30	18.82	108.32	171.40	1,592.07	-1,696.57	3,199.57	3,075.45	124.12	25.779		
3,400.00	3,249.37	3,245.37	3,245.37	19.45	111.60	171.49	1,592.07	-1,696.57	3,233.16	3,105.27	127.89	25.281		
3,500.00	3,343.44	3,339.44	3,339.44	20.07	114.88	171.58	1,592.07	-1,696.57	3,266.75	3,135.09	131.66	24.812		
3,600.00	3,437.51	3,433.51	3,433.51	20.70	118.16	171.66	1,592.07	-1,696.57	3,300.35	3,164.92	135.43	24.369		
3,700.00	3,531.58	3,527.58	3,527.58	21.33	121.45	171.75	1,592.07	-1,696.57	3,333.96	3,194.76	139.20	23.950		
3,800.00	3,625.65	3,621.65	3,621.65	21.96	124.73	171.83	1,592.07	-1,696.57	3,367.58	3,224.60	142.98	23.554		
3,900.00	3,719.72	3,715.72	3,715.72	22.59	128.01	171.91	1,592.07	-1,696.57	3,401.20	3,254.45	146.75	23.177		
4,000.00	3,813.79	3,809.79	3,809.79	23.22	131.30	171.99	1,592.07	-1,696.57	3,434.82	3,284.30	150.52	22.819		
4,100.00	3,907.86	3,903.86	3,903.86	23.85	134.58	172.07	1,592.07	-1,696.57	3,468.46	3,314.16	154.30	22.479		
4,200.00	4,001.93	4,002.07	3,997.93	24.48	138.01	172.15	1,592.07	-1,696.57	3,502.09	3,343.88	158.22	22.135		
4,300.00	4,096.00	4,108.00	4,092.00	25.11	141.70	172.22	1,592.07	-1,696.57	3,535.74	3,373.33	162.41	21.771		
4,400.00	4,190.07	4,186.07	4,186.07	25.75	144.43	172.29	1,592.07	-1,696.57	3,569.39	3,403.76	166.22	21.551		
4,500.00	4,284.14	4,280.14	4,280.14	26.38	147.71	172.37	1,592.07	-1,696.57	3,603.04	3,433.64	169.40	21.269		
4,600.00	4,378.21	4,374.21	4,374.21	27.01	150.99	172.44	1,592.07	-1,696.57	3,636.70	3,463.52	173.18	21.000		
4,700.00	4,472.28	4,468.28	4,468.28	27.65	154.28	172.51	1,592.07	-1,696.57	3,670.36	3,493.41	176.95	20.742		
4,800.00	4,566.35	4,562.35	4,562.35	28.28	157.56	172.58	1,592.07	-1,696.57	3,704.03	3,523.30	180.73	20.495		
4,900.00	4,660.42	4,656.42	4,656.42	28.91	160.84	172.64	1,592.07	-1,696.57	3,737.71	3,553.20	184.51	20.257		
5,000.00	4,754.49	4,750.49	4,750.49	29.55	164.13	172.71	1,592.07	-1,696.57	3,771.38	3,583.10	188.29	20.030		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,844.56	4,844.56	30.18	167.41	172.77	1,592.07	-1,696.57	3,805.07	3,613.00	192.07	19.811		
5,200.00	4,942.63	4,938.63	4,938.63	30.82	170.69	172.84	1,592.07	-1,696.57	3,838.75	3,642.91	195.84	19.601		
5,300.00	5,036.70	5,032.70	5,032.70	31.45	173.98	172.90	1,592.07	-1,696.57	3,872.44	3,672.82	199.62	19.399		
5,400.00	5,130.77	5,126.77	5,126.77	32.09	177.26	172.96	1,592.07	-1,696.57	3,906.14	3,702.73	203.40	19.204		
5,500.00	5,224.84	5,220.84	5,220.84	32.72	180.54	173.02	1,592.07	-1,696.57	3,939.84	3,732.65	207.18	19.016		
5,600.00	5,318.91	5,314.91	5,314.91	33.36	183.83	173.08	1,592.07	-1,696.57	3,973.54	3,762.58	210.96	18.835		
5,700.00	5,412.98	5,408.98	5,408.98	33.99	187.11	173.14	1,592.07	-1,696.57	4,007.24	3,792.50	214.74	18.661		
5,800.00	5,507.06	5,503.06	5,503.06	34.63	190.39	173.20	1,592.07	-1,696.57	4,040.95	3,822.43	218.52	18.492		
5,900.00	5,601.13	5,602.87	5,597.13	35.26	193.88	173.25	1,592.07	-1,696.57	4,074.67	3,852.17	222.50	18.313		
6,000.00	5,695.20	5,708.80	5,691.20	35.90	197.58	173.31	1,592.07	-1,696.57	4,108.38	3,881.69	226.70	18.123		
6,100.00	5,789.27	5,785.27	5,785.27	36.54	200.25	173.36	1,592.07	-1,696.57	4,142.10	3,912.24	229.86	18.020		
6,200.00	5,883.34	5,879.34	5,879.34	37.17	203.53	173.42	1,592.07	-1,696.57	4,175.83	3,942.18	233.64	17.873		
6,300.00	5,977.41	5,973.41	5,973.41	37.81	206.81	173.47	1,592.07	-1,696.57	4,209.55	3,972.13	237.42	17.730		
6,400.00	6,071.48	6,067.48	6,067.48	38.44	210.10	173.52	1,592.07	-1,696.57	4,243.28	4,002.08	241.20	17.592		
6,500.00	6,165.55	6,161.55	6,161.55	39.08	213.38	173.57	1,592.07	-1,696.57	4,277.02	4,032.03	244.99	17.458		
6,600.00	6,259.62	6,255.62	6,255.62	39.72	216.66	173.62	1,592.07	-1,696.57	4,310.75	4,061.98	248.77	17.328		
6,677.33	6,332.36	6,328.36	6,328.36	40.21	219.20	173.66	1,592.07	-1,696.57	4,336.84	4,085.15	251.69	17.231		
6,700.00	6,353.76	6,349.76	6,349.76	40.35	219.95	168.19	1,592.07	-1,696.57	4,344.24	4,091.69	252.55	17.202		
6,750.00	6,401.37	6,402.63	6,397.37	40.64	221.80	154.34	1,592.07	-1,696.57	4,358.77	4,104.14	254.64	17.118		
6,800.00	6,449.30	6,445.30	6,445.30	40.89	223.28	138.69	1,592.07	-1,696.57	4,370.78	4,114.42	256.36	17.050		
6,850.00	6,497.25	6,506.75	6,493.25	41.11	225.43	123.07	1,592.07	-1,696.57	4,380.19	4,121.48	258.72	16.930		
6,900.00	6,544.95	6,540.95	6,540.95	41.29	226.62	109.41	1,592.07	-1,696.57	4,386.99	4,126.88	260.11	16.866		
6,950.00	6,592.08	6,588.08	6,588.08	41.45	228.27	98.62	1,592.07	-1,696.57	4,391.15	4,129.21	261.93	16.764		
7,000.00	6,638.35	6,634.35	6,634.35	41.58	229.88	90.55	1,592.07	-1,696.57	4,392.67	4,128.96	263.71	16.657		
7,050.00	6,683.50	6,679.50	6,679.50	41.70	231.46	84.68	1,592.07	-1,696.57	4,391.58	4,126.16	265.43	16.545		
7,100.00	6,727.22	6,723.22	6,723.22	41.81	232.99	80.48	1,592.07	-1,696.57	4,387.93	4,120.85	267.08	16.430		
7,150.00	6,769.26	6,765.26	6,765.26	41.92	234.45	77.55	1,592.07	-1,696.57	4,381.77	4,113.12	268.65	16.310		
7,200.00	6,809.36	6,805.36	6,805.36	42.03	235.85	75.59	1,592.07	-1,696.57	4,373.19	4,103.04	270.16	16.188		
7,250.00	6,847.27	6,843.27	6,843.27	42.15	237.18	74.42	1,592.07	-1,696.57	4,362.28	4,090.71	271.58	16.063		
7,300.00	6,882.75	6,878.75	6,878.75	42.27	238.41	73.89	1,592.07	-1,696.57	4,349.16	4,076.24	272.92	15.936		
7,350.00	6,915.58	6,911.58	6,911.58	42.41	239.56	73.89	1,592.07	-1,696.57	4,333.94	4,059.76	274.18	15.807		
7,400.00	6,945.57	6,941.57	6,941.57	42.57	240.61	74.36	1,592.07	-1,696.57	4,316.76	4,041.40	275.36	15.677		
7,450.00	6,972.53	6,968.53	6,968.53	42.75	241.55	75.23	1,592.07	-1,696.57	4,297.77	4,021.30	276.47	15.545		
7,500.00	6,996.30	7,007.70	6,992.30	42.95	242.92	76.47	1,592.07	-1,696.57	4,277.11	3,999.08	278.03	15.384		
7,550.00	7,016.72	7,012.72	7,012.72	43.17	243.09	78.03	1,592.07	-1,696.57	4,254.95	3,976.51	278.44	15.281		
7,600.00	7,033.66	7,029.66	7,029.66	43.43	243.68	79.90	1,592.07	-1,696.57	4,231.45	3,952.14	279.31	15.149		
7,650.00	7,047.04	7,043.04	7,043.04	43.72	244.15	82.03	1,592.07	-1,696.57	4,206.78	3,926.67	280.11	15.018		
7,700.00	7,056.76	7,052.76	7,052.76	44.05	244.49	84.40	1,592.07	-1,696.57	4,181.09	3,900.27	280.83	14.889		
7,750.00	7,062.76	7,058.76	7,058.76	44.41	244.70	86.97	1,592.07	-1,696.57	4,154.57	3,873.11	281.46	14.761		
7,799.36	7,065.00	7,061.00	7,061.00	44.81	244.78	89.69	1,592.07	-1,696.57	4,127.73	3,845.73	282.00	14.637		
7,900.00	7,065.83	7,061.83	7,061.83	45.73	244.81	89.70	1,592.07	-1,696.57	4,073.30	3,790.18	283.12	14.387		
8,000.00	7,066.66	7,062.66	7,062.66	46.83	244.83	89.72	1,592.07	-1,696.57	4,020.98	3,736.57	284.42	14.138		
8,100.00	7,067.49	7,063.49	7,063.49	48.11	244.86	89.73	1,592.07	-1,696.57	3,970.50	3,684.60	285.90	13.888		
8,200.00	7,068.31	7,064.31	7,064.31	49.55	244.89	89.74	1,592.07	-1,696.57	3,921.91	3,634.35	287.56	13.639		
8,300.00	7,069.14	7,065.14	7,065.14	51.14	244.92	89.76	1,592.07	-1,696.57	3,875.29	3,585.91	289.39	13.391		
8,400.00	7,069.96	7,065.96	7,065.96	52.86	244.95	89.77	1,592.07	-1,696.57	3,830.72	3,539.35	291.37	13.147		
8,500.00	7,070.79	7,066.79	7,066.79	54.70	244.98	89.78	1,592.07	-1,696.57	3,788.26	3,494.76	293.50	12.907		
8,600.00	7,071.61	7,067.61	7,067.61	56.64	245.01	89.80	1,592.07	-1,696.57	3,747.99	3,452.23	295.77	12.672		
8,700.00	7,072.44	7,068.44	7,068.44	58.68	245.04	89.81	1,592.07	-1,696.57	3,709.98	3,411.83	298.16	12.443		
8,800.00	7,073.27	7,069.27	7,069.27	60.78	245.07	89.83	1,592.07	-1,696.57	3,674.30	3,373.65	300.66	12.221		
8,900.00	7,074.09	7,070.09	7,070.09	62.96	245.09	89.84	1,592.07	-1,696.57	3,641.02	3,337.77	303.25	12.007		
9,000.00	7,074.92	7,070.92	7,070.92	65.19	245.12	89.85	1,592.07	-1,696.57	3,610.20	3,304.26	305.94	11.801		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,071.74	7,071.74	67.48	245.15	89.87	1,592.07	-1,696.57	3,581.91	3,273.22	308.69	11.604		
9,200.00	7,076.57	7,072.57	7,072.57	69.82	245.18	89.88	1,592.07	-1,696.57	3,556.20	3,244.70	311.50	11.416		
9,300.00	7,077.40	7,073.40	7,073.40	72.19	245.21	89.89	1,592.07	-1,696.57	3,533.14	3,218.77	314.37	11.239		
9,400.00	7,078.22	7,074.22	7,074.22	74.61	245.24	89.91	1,592.07	-1,696.57	3,512.78	3,195.51	317.26	11.072		
9,500.00	7,079.05	7,075.05	7,075.05	77.05	245.27	89.92	1,592.07	-1,696.57	3,495.15	3,174.97	320.18	10.916		
9,600.00	7,079.87	7,075.87	7,075.87	79.53	245.30	89.94	1,592.07	-1,696.57	3,480.32	3,157.21	323.11	10.771		
9,700.00	7,080.70	7,076.70	7,076.70	82.03	245.32	89.95	1,592.07	-1,696.57	3,468.30	3,142.26	326.04	10.638		
9,800.00	7,081.53	7,077.53	7,077.53	84.55	245.35	89.96	1,592.07	-1,696.57	3,459.14	3,130.18	328.96	10.515		
9,900.00	7,082.35	7,078.35	7,078.35	87.10	245.38	89.98	1,592.07	-1,696.57	3,452.84	3,121.00	331.85	10.405		
10,000.00	7,083.18	7,079.18	7,079.18	89.67	245.41	89.99	1,592.07	-1,696.57	3,449.44	3,114.74	334.70	10.306		
10,067.49	7,083.73	7,079.73	7,079.73	91.41	245.43	90.00	1,592.07	-1,696.57	3,448.78	3,112.17	336.61	10.246		
10,100.00	7,084.00	7,080.00	7,080.00	92.25	245.44	90.00	1,592.07	-1,696.57	3,448.93	3,111.42	337.52	10.219		
10,200.00	7,084.83	7,080.83	7,080.83	94.86	245.47	90.02	1,592.07	-1,696.57	3,451.32	3,111.05	340.28	10.143		
10,300.00	7,085.65	7,081.65	7,081.65	97.47	245.50	90.03	1,592.07	-1,696.57	3,456.61	3,113.64	342.97	10.078		
10,400.00	7,086.48	7,082.48	7,082.48	100.10	245.53	90.05	1,592.07	-1,696.57	3,464.77	3,119.18	345.60	10.026		
10,500.00	7,087.31	7,083.31	7,083.31	102.75	245.56	90.06	1,592.07	-1,696.57	3,475.79	3,127.65	348.14	9.984		
10,600.00	7,088.13	7,084.13	7,084.13	105.40	245.58	90.07	1,592.07	-1,696.57	3,489.65	3,139.04	350.61	9.953		
10,700.00	7,088.96	7,084.96	7,084.96	108.07	245.61	90.09	1,592.07	-1,696.57	3,506.30	3,153.32	352.98	9.933		
10,800.00	7,089.78	7,085.78	7,085.78	110.75	245.64	90.10	1,592.07	-1,696.57	3,525.71	3,170.45	355.26	9.924 SF		
10,900.00	7,090.61	7,086.61	7,086.61	113.43	245.67	90.11	1,592.07	-1,696.57	3,547.83	3,190.39	357.44	9.926		
11,000.00	7,091.44	7,087.44	7,087.44	116.13	245.70	90.13	1,592.07	-1,696.57	3,572.62	3,213.09	359.53	9.937		
11,100.00	7,092.26	7,088.26	7,088.26	118.83	245.73	90.14	1,592.07	-1,696.57	3,600.01	3,238.50	361.51	9.958		
11,200.00	7,093.09	7,089.09	7,089.09	121.54	245.76	90.16	1,592.07	-1,696.57	3,629.96	3,266.56	363.40	9.989		
11,300.00	7,093.91	7,089.91	7,089.91	124.25	245.79	90.17	1,592.07	-1,696.57	3,662.39	3,297.21	365.18	10.029		
11,400.00	7,094.74	7,109.26	7,090.74	126.98	246.46	90.18	1,592.07	-1,696.57	3,697.24	3,329.73	367.51	10.060		
11,500.00	7,095.57	7,108.43	7,091.57	129.70	246.43	90.20	1,592.07	-1,696.57	3,734.44	3,365.41	369.03	10.120		
11,600.00	7,096.39	7,107.61	7,092.39	132.44	246.40	90.21	1,592.07	-1,696.57	3,773.93	3,403.47	370.46	10.187		
11,700.00	7,097.22	7,106.78	7,093.22	135.18	246.37	90.22	1,592.07	-1,696.57	3,815.63	3,443.84	371.79	10.263		
11,800.00	7,098.04	7,105.96	7,094.04	137.92	246.35	90.24	1,592.07	-1,696.57	3,859.47	3,486.44	373.02	10.346		
11,900.00	7,098.87	7,105.13	7,094.87	140.67	246.32	90.25	1,592.07	-1,696.57	3,905.37	3,531.20	374.17	10.437		
12,000.00	7,099.69	7,104.31	7,095.69	143.43	246.29	90.27	1,592.07	-1,696.57	3,953.28	3,578.05	375.23	10.535		
12,100.00	7,100.52	7,103.48	7,096.52	146.19	246.26	90.28	1,592.07	-1,696.57	4,003.11	3,626.90	376.21	10.641		
12,200.00	7,101.35	7,102.65	7,097.35	148.95	246.23	90.29	1,592.07	-1,696.57	4,054.80	3,677.68	377.11	10.752		
12,300.00	7,102.17	7,101.83	7,098.17	151.71	246.20	90.31	1,592.07	-1,696.57	4,108.27	3,730.33	377.94	10.870		
12,400.00	7,103.00	7,101.00	7,099.00	154.48	246.17	90.32	1,592.07	-1,696.57	4,163.45	3,784.76	378.69	10.994		
12,500.00	7,103.82	7,100.18	7,099.82	157.26	246.14	90.33	1,592.07	-1,696.57	4,220.28	3,840.91	379.37	11.124		
12,600.00	7,104.65	7,100.65	7,100.65	160.03	246.16	90.35	1,592.07	-1,696.57	4,278.70	3,898.66	380.04	11.259		
12,700.00	7,105.48	7,101.48	7,101.48	162.81	246.19	90.36	1,592.07	-1,696.57	4,338.63	3,957.98	380.66	11.398		
12,800.00	7,106.30	7,102.30	7,102.30	165.59	246.22	90.37	1,592.07	-1,696.57	4,400.02	4,018.81	381.22	11.542		
12,900.00	7,107.13	7,103.13	7,103.13	168.38	246.25	90.39	1,592.07	-1,696.57	4,462.81	4,081.09	381.72	11.691		
13,000.00	7,107.95	7,103.95	7,103.95	171.16	246.28	90.40	1,592.07	-1,696.57	4,526.93	4,144.75	382.18	11.845		
13,100.00	7,108.78	7,104.78	7,104.78	173.95	246.30	90.42	1,592.07	-1,696.57	4,592.34	4,209.75	382.59	12.003		
13,200.00	7,109.61	7,105.61	7,105.61	176.74	246.33	90.43	1,592.07	-1,696.57	4,658.97	4,276.02	382.96	12.166		
13,300.00	7,110.43	7,106.43	7,106.43	179.54	246.36	90.44	1,592.07	-1,696.57	4,726.79	4,343.50	383.28	12.332		
13,368.87	7,111.00	7,107.00	7,107.00	181.46	246.38	90.45	1,592.07	-1,696.57	4,774.14	4,390.66	383.48	12.449		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-105.89	-2,033.61	-7,142.17	7,426.05					
100.00	100.00	86.19	86.19	3.28	3.29	-105.90	-2,033.83	-7,142.13	7,426.07	7,419.50	6.57	1,130.271		
200.00	200.00	175.73	175.72	3.34	3.31	-105.90	-2,034.50	-7,142.02	7,426.16	7,419.51	6.65	1,117.055		
300.00	299.98	260.25	260.25	3.44	3.38	-109.74	-2,035.35	-7,142.07	7,427.08	7,420.26	6.82	1,088.728		
400.00	399.84	358.30	358.29	3.59	3.51	-109.73	-2,036.47	-7,142.15	7,429.23	7,422.13	7.10	1,046.069		
500.00	499.45	449.05	449.03	3.79	3.67	-109.71	-2,037.10	-7,142.45	7,432.70	7,425.23	7.46	996.150		
600.00	598.70	552.42	552.40	4.04	3.89	-109.72	-2,037.52	-7,142.87	7,437.34	7,429.41	7.93	938.081		
700.00	697.47	637.41	637.39	4.32	4.11	-109.70	-2,038.13	-7,143.16	7,443.21	7,434.79	8.43	883.373		
800.00	795.62	708.36	708.33	4.65	4.30	-109.65	-2,038.57	-7,143.69	7,450.62	7,441.68	8.94	833.045		
900.00	893.06	791.80	791.77	5.01	4.54	-109.62	-2,038.92	-7,144.57	7,459.51	7,449.97	9.55	781.297		
1,000.00	989.64	883.10	883.07	5.41	4.83	-109.60	-2,039.48	-7,145.61	7,469.76	7,459.53	10.23	730.244		
1,100.00	1,085.27	970.92	970.87	5.85	5.11	-109.56	-2,040.03	-7,146.68	7,481.35	7,470.39	10.95	683.128		
1,191.50	1,171.82	1,010.60	1,010.55	6.29	5.24	-109.43	-2,040.02	-7,147.39	7,493.37	7,481.86	11.51	650.870		
1,200.00	1,179.82	1,014.29	1,014.23	6.34	5.26	-109.44	-2,040.00	-7,147.47	7,494.57	7,483.00	11.57	647.923		
1,300.00	1,273.89	1,061.00	1,060.93	6.85	5.42	-109.56	-2,039.50	-7,148.78	7,509.04	7,496.82	12.22	614.389		
1,400.00	1,367.96	1,097.75	1,097.64	7.38	5.54	-109.66	-2,038.80	-7,150.14	7,524.30	7,511.44	12.86	585.070		
1,500.00	1,462.03	1,153.00	1,152.81	7.93	5.73	-109.81	-2,037.28	-7,152.77	7,540.39	7,526.82	13.58	555.317		
1,600.00	1,556.10	1,177.34	1,177.10	8.49	5.82	-109.88	-2,036.42	-7,154.15	7,557.22	7,543.02	14.20	532.203		
1,700.00	1,650.17	1,217.11	1,216.75	9.06	5.96	-109.99	-2,034.71	-7,156.70	7,574.89	7,560.01	14.88	508.900		
1,800.00	1,744.24	1,248.00	1,247.51	9.65	6.07	-110.08	-2,033.11	-7,158.94	7,593.37	7,577.83	15.54	488.513		
1,900.00	1,838.31	1,283.17	1,282.50	10.23	6.20	-110.19	-2,031.08	-7,161.81	7,612.72	7,596.49	16.22	469.197		
2,000.00	1,932.38	1,311.85	1,311.02	10.83	6.30	-110.27	-2,029.32	-7,164.43	7,633.00	7,616.11	16.88	452.062		
2,100.00	2,026.45	1,343.00	1,341.94	11.43	6.42	-110.37	-2,027.28	-7,167.58	7,654.20	7,636.64	17.56	435.978		
2,200.00	2,120.52	1,383.12	1,381.71	12.03	6.58	-110.49	-2,024.45	-7,171.96	7,676.23	7,657.96	18.27	420.230		
2,300.00	2,214.59	1,438.00	1,436.04	12.63	6.79	-110.67	-2,020.12	-7,178.40	7,699.00	7,679.96	19.04	404.371		
2,400.00	2,308.66	1,489.36	1,486.83	13.24	7.00	-110.83	-2,015.76	-7,184.72	7,722.39	7,702.59	19.80	389.962		
2,500.00	2,402.73	1,564.37	1,560.95	13.86	7.31	-111.07	-2,009.14	-7,194.17	7,746.24	7,725.57	20.67	374.728		
2,600.00	2,496.80	1,646.09	1,641.68	14.47	7.66	-111.33	-2,001.90	-7,204.52	7,770.36	7,748.78	21.58	360.119		
2,700.00	2,590.87	1,714.53	1,709.33	15.09	7.96	-111.55	-1,996.26	-7,213.25	7,794.87	7,772.44	22.43	347.531		
2,800.00	2,684.95	1,845.95	1,839.35	15.71	8.56	-111.96	-1,986.26	-7,229.54	7,819.32	7,795.75	23.57	331.687		
2,900.00	2,779.02	1,914.00	1,906.73	16.33	8.87	-112.16	-1,981.61	-7,237.88	7,844.00	7,819.56	24.43	321.038		
3,000.00	2,873.09	2,041.81	2,033.38	16.95	9.45	-112.54	-1,973.78	-7,253.12	7,868.66	7,843.09	25.57	307.677		
3,100.00	2,967.16	2,120.88	2,111.72	17.57	9.82	-112.77	-1,968.56	-7,262.49	7,893.41	7,866.92	26.49	297.965		
3,200.00	3,061.23	2,193.43	2,183.53	18.20	10.17	-112.99	-1,963.20	-7,271.32	7,918.50	7,891.12	27.38	289.211		
3,300.00	3,155.30	2,324.18	2,312.95	18.82	10.79	-113.38	-1,953.32	-7,287.04	7,943.64	7,915.09	28.56	278.181		
3,400.00	3,249.37	2,458.44	2,445.88	19.45	11.44	-113.78	-1,942.57	-7,302.57	7,968.52	7,938.77	29.75	267.807		
3,500.00	3,343.44	2,557.54	2,544.04	20.07	11.92	-114.08	-1,934.60	-7,313.62	7,993.20	7,962.41	30.78	259.656		
3,600.00	3,437.51	2,642.22	2,627.89	20.70	12.33	-114.33	-1,927.55	-7,323.09	8,018.06	7,986.32	31.74	252.600		
3,700.00	3,531.58	2,711.82	2,696.84	21.33	12.67	-114.54	-1,922.14	-7,330.89	8,043.22	8,010.59	32.62	246.540		
3,800.00	3,625.65	2,767.00	2,751.49	21.96	12.95	-114.70	-1,917.92	-7,337.24	8,068.85	8,035.42	33.43	241.351		
3,900.00	3,719.72	2,833.26	2,817.08	22.59	13.27	-114.89	-1,912.81	-7,345.11	8,094.96	8,060.66	34.30	236.034		
4,000.00	3,813.79	2,902.08	2,885.17	23.22	13.62	-115.09	-1,907.33	-7,353.54	8,121.54	8,086.37	35.17	230.909		
4,100.00	3,907.86	3,003.41	2,985.38	23.85	14.13	-115.38	-1,899.12	-7,366.07	8,148.41	8,112.19	36.22	224.986		
4,200.00	4,001.93	3,119.61	3,100.43	24.48	14.71	-115.71	-1,890.41	-7,379.89	8,175.07	8,137.73	37.34	218.938		
4,300.00	4,096.00	3,181.63	3,161.82	25.11	15.02	-115.89	-1,885.63	-7,387.27	8,201.92	8,163.75	38.18	214.831		
4,400.00	4,190.07	3,241.00	3,220.55	25.75	15.33	-116.06	-1,880.99	-7,394.65	8,229.37	8,190.37	39.00	211.000		
4,500.00	4,284.14	4,300.00	4,284.14	26.38	15.55	-116.68	-1,866.47	-7,421.44	8,256.61	8,211.21	45.40	181.852		
4,600.00	4,378.21	4,362.80	4,358.23	27.01	17.21	-117.09	-1,857.02	-7,436.68	8,282.38	8,240.37	42.01	197.163		
4,700.00	4,472.28	4,428.39	4,423.98	27.65	17.74	-117.38	-1,848.83	-7,447.26	8,308.12	8,265.04	43.08	192.860		
4,800.00	4,566.35	4,500.00	4,495.64	28.28	18.26	-117.67	-1,840.70	-7,457.57	8,333.92	8,289.78	44.14	188.796		
4,900.00	4,660.42	4,583.84	4,579.43	28.91	18.78	-117.96	-1,831.52	-7,467.56	8,359.41	8,314.19	45.21	184.885		
5,000.00	4,754.49	4,667.00	4,662.59	29.55	19.09	-118.13	-1,825.94	-7,473.69	8,385.46	8,339.40	46.05	182.083		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,035.06	4,008.09	30.18	19.26	118.22	-1,822.95	-7,477.11	8,412.06	8,365.32	46.73	179.998		
5,200.00	4,942.63	4,097.00	4,069.40	30.82	19.58	118.40	-1,817.17	-7,483.81	8,439.28	8,391.71	47.57	177.414		
5,300.00	5,036.70	4,214.07	4,185.23	31.45	20.17	118.72	-1,805.84	-7,496.40	8,466.66	8,417.96	48.70	173.843		
5,400.00	5,130.77	4,309.55	4,279.83	32.09	20.66	118.98	-1,797.60	-7,506.38	8,493.97	8,444.25	49.72	170.850		
5,500.00	5,224.84	4,415.74	4,385.16	32.72	21.19	119.26	-1,789.61	-7,517.21	8,521.26	8,470.48	50.78	167.804		
5,600.00	5,318.91	4,624.31	4,592.48	33.36	22.20	119.78	-1,777.81	-7,536.57	8,547.87	8,495.49	52.38	163.200		
5,700.00	5,412.98	5,262.73	5,229.68	33.99	24.99	121.15	-1,766.16	-7,570.12	8,570.95	8,514.95	55.99	153.073		
5,800.00	5,507.06	5,356.88	5,323.80	34.63	25.37	121.34	-1,765.62	-7,572.05	8,591.41	8,534.44	56.96	150.825		
5,900.00	5,601.13	5,470.44	5,437.33	35.26	25.84	121.57	-1,765.07	-7,574.30	8,611.91	8,553.89	58.02	148.429		
6,000.00	5,695.20	5,575.74	5,542.63	35.90	26.26	121.77	-1,765.24	-7,576.02	8,632.19	8,573.15	59.04	146.214		
6,100.00	5,789.27	5,657.75	5,624.62	36.54	26.59	121.93	-1,765.46	-7,577.42	8,652.64	8,592.70	59.95	144.334		
6,200.00	5,883.34	5,748.03	5,714.89	37.17	26.96	122.11	-1,765.28	-7,579.09	8,673.30	8,612.41	60.90	142.422		
6,300.00	5,977.41	5,850.58	5,817.42	37.81	27.38	122.31	-1,765.17	-7,580.90	8,693.99	8,632.08	61.91	140.437		
6,400.00	6,071.48	5,938.88	5,905.70	38.44	27.74	122.48	-1,764.94	-7,582.43	8,714.73	8,651.88	62.85	138.663		
6,500.00	6,165.55	6,026.76	5,993.57	39.08	28.10	122.65	-1,764.96	-7,584.07	8,735.68	8,671.89	63.79	136.951		
6,600.00	6,259.62	6,211.37	6,178.15	39.72	28.85	123.00	-1,765.68	-7,586.56	8,756.27	8,691.10	65.17	134.362		
6,677.33	6,332.36	6,265.05	6,231.83	40.21	29.06	123.10	-1,765.97	-7,587.06	8,771.92	8,706.10	65.83	133.259		
6,700.00	6,353.76	6,282.00	6,248.78	40.35	29.13	118.18	-1,766.06	-7,587.24	8,776.15	8,710.13	66.02	132.927		
6,750.00	6,401.37	6,344.68	6,311.46	40.64	29.38	105.41	-1,766.43	-7,587.86	8,782.66	8,716.10	66.56	131.956		
6,800.00	6,449.30	6,438.66	6,405.42	40.89	29.75	90.66	-1,767.83	-7,588.50	8,785.15	8,717.95	67.21	130.725		
6,850.00	6,497.25	6,531.85	6,498.20	41.11	30.08	75.64	-1,767.11	-7,588.54	8,783.44	8,715.64	67.80	129.558		
6,900.00	6,544.95	6,559.06	6,525.03	41.29	30.17	62.28	-1,780.62	-7,588.50	8,777.75	8,709.68	68.07	128.951		
6,950.00	6,592.08	6,579.41	6,544.98	41.45	30.23	51.56	-1,784.62	-7,588.52	8,768.33	8,700.05	68.28	128.413		
7,000.00	6,638.35	6,600.00	6,565.05	41.58	30.30	43.36	-1,789.21	-7,588.61	8,755.26	8,686.80	68.46	127.884		
7,050.00	6,683.50	6,611.36	6,576.06	41.70	30.33	37.14	-1,791.98	-7,588.71	8,738.61	8,670.03	68.58	127.427		
7,100.00	6,727.22	6,632.00	6,595.97	41.81	30.40	32.40	-1,797.43	-7,588.96	8,718.50	8,649.79	68.70	126.900		
7,150.00	6,769.26	6,642.10	6,605.66	41.92	30.43	28.73	-1,800.30	-7,589.12	8,694.99	8,626.23	68.77	126.443		
7,200.00	6,809.36	6,664.00	6,626.51	42.03	30.49	25.84	-1,806.96	-7,589.50	8,668.22	8,599.36	68.86	125.887		
7,250.00	6,847.27	6,701.20	6,661.43	42.15	30.60	23.51	-1,819.76	-7,590.17	8,638.27	8,569.27	68.99	125.209		
7,300.00	6,882.75	6,893.85	6,827.55	42.27	31.02	21.18	-1,916.08	-7,591.62	8,604.97	8,535.28	69.69	123.480		
7,350.00	6,915.58	6,910.14	6,840.45	42.41	31.04	19.54	-1,926.01	-7,591.58	8,568.58	8,498.85	69.72	122.892		
7,400.00	6,945.57	6,935.13	6,859.96	42.57	31.08	18.07	-1,941.63	-7,591.54	8,529.67	8,459.88	69.79	122.216		
7,450.00	6,972.53	6,949.00	6,870.66	42.75	31.11	16.81	-1,950.46	-7,591.52	8,488.44	8,418.63	69.81	121.591		
7,500.00	6,996.30	6,963.17	6,881.50	42.95	31.13	15.63	-1,959.59	-7,591.51	8,445.16	8,375.33	69.83	120.932		
7,550.00	7,016.72	6,970.54	6,887.10	43.17	31.14	14.49	-1,964.38	-7,591.52	8,400.10	8,330.27	69.83	120.296		
7,600.00	7,033.66	7,107.10	6,983.65	43.43	31.35	11.72	-2,060.76	-7,590.55	8,353.37	8,282.95	70.41	118.632		
7,650.00	7,047.04	7,108.00	6,984.24	43.72	31.35	9.65	-2,061.44	-7,590.53	8,305.34	8,234.95	70.39	117.984		
7,700.00	7,056.76	7,116.45	6,989.79	44.05	31.36	5.85	-2,067.81	-7,590.41	8,256.39	8,185.97	70.42	117.248		
7,750.00	7,062.76	7,118.55	6,991.17	44.41	31.36	-3.62	-2,069.40	-7,590.38	8,206.81	8,136.39	70.42	116.545		
7,799.36	7,065.00	7,119.08	6,991.51	44.81	31.36	-59.87	-2,069.80	-7,590.37	8,157.54	8,087.12	70.42	115.843		
7,900.00	7,065.83	7,118.57	6,991.18	45.73	31.36	-59.76	-2,069.41	-7,590.37	8,056.95	7,986.53	70.42	114.409		
8,000.00	7,066.66	7,118.06	6,990.84	46.83	31.36	-59.66	-2,069.02	-7,590.38	7,957.00	7,886.58	70.43	112.983		
8,100.00	7,067.49	7,117.54	6,990.50	48.11	31.36	-59.55	-2,068.63	-7,590.39	7,857.06	7,786.62	70.43	111.555		
8,200.00	7,068.31	7,117.01	6,990.16	49.55	31.36	-59.44	-2,068.23	-7,590.40	7,757.11	7,686.67	70.44	110.126		
8,300.00	7,069.14	7,116.48	6,989.81	51.14	31.36	-59.33	-2,067.83	-7,590.41	7,657.17	7,586.72	70.45	108.695		
8,400.00	7,069.96	7,115.95	6,989.46	52.86	31.36	-59.21	-2,067.43	-7,590.41	7,557.23	7,486.77	70.46	107.262		
8,500.00	7,070.79	7,115.40	6,989.10	54.70	31.36	-59.10	-2,067.02	-7,590.42	7,457.29	7,386.82	70.47	105.828		
8,600.00	7,071.61	7,114.85	6,988.74	56.64	31.36	-58.99	-2,066.60	-7,590.43	7,357.35	7,286.87	70.48	104.392		
8,700.00	7,072.44	7,114.30	6,988.38	58.68	31.36	-58.87	-2,066.18	-7,590.44	7,257.41	7,186.92	70.49	102.955		
8,800.00	7,073.27	7,108.00	6,984.24	60.78	31.35	-57.53	-2,061.44	-7,590.53	7,157.48	7,087.01	70.47	101.565		
8,900.00	7,074.09	7,108.00	6,984.24	62.96	31.35	-57.53	-2,061.44	-7,590.53	7,057.55	6,987.05	70.49	100.120		
9,000.00	7,074.92	7,108.00	6,984.24	65.19	31.35	-57.53	-2,061.44	-7,590.53	6,957.61	6,887.10	70.51	98.675		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,108.00	6,984.24	67.48	31.35	-57.53	-2,061.44	-7,590.53	6,857.68	6,787.15	70.53	97.227		
9,200.00	7,076.57	7,108.00	6,984.24	69.82	31.35	-57.53	-2,061.44	-7,590.53	6,757.75	6,687.20	70.56	95.779		
9,300.00	7,077.40	7,108.00	6,984.24	72.19	31.35	-57.53	-2,061.44	-7,590.53	6,657.83	6,587.25	70.58	94.329		
9,400.00	7,078.22	7,108.00	6,984.24	74.61	31.35	-57.53	-2,061.44	-7,590.53	6,557.90	6,487.30	70.61	92.878		
9,500.00	7,079.05	7,108.00	6,984.24	77.05	31.35	-57.53	-2,061.44	-7,590.53	6,457.98	6,387.35	70.64	91.427		
9,600.00	7,079.87	7,109.74	6,985.39	79.53	31.35	-57.90	-2,062.75	-7,590.51	6,358.06	6,287.38	70.68	89.959		
9,700.00	7,080.70	7,108.65	6,984.67	82.03	31.35	-57.67	-2,061.93	-7,590.52	6,258.15	6,187.44	70.70	88.514		
9,800.00	7,081.53	7,107.57	6,983.95	84.55	31.35	-57.44	-2,061.11	-7,590.54	6,158.23	6,087.50	70.73	87.068		
9,900.00	7,082.35	7,106.48	6,983.24	87.10	31.35	-57.21	-2,060.30	-7,590.56	6,058.32	5,987.56	70.76	85.621		
10,000.00	7,083.18	7,105.40	6,982.53	89.67	31.34	-56.98	-2,059.49	-7,590.57	5,958.41	5,887.62	70.79	84.173		
10,100.00	7,084.00	7,104.33	6,981.82	92.25	31.34	-56.74	-2,058.68	-7,590.59	5,858.50	5,787.69	70.82	82.724		
10,200.00	7,084.83	7,103.25	6,981.11	94.86	31.34	-56.51	-2,057.87	-7,590.61	5,758.60	5,687.75	70.85	81.274		
10,300.00	7,085.65	7,102.18	6,980.40	97.47	31.34	-56.28	-2,057.07	-7,590.62	5,658.70	5,587.81	70.89	79.824		
10,400.00	7,086.48	7,101.11	6,979.69	100.10	31.34	-56.05	-2,056.27	-7,590.64	5,558.81	5,487.88	70.93	78.373		
10,500.00	7,087.31	7,100.05	6,978.99	102.75	31.34	-55.82	-2,055.47	-7,590.66	5,458.91	5,387.95	70.97	76.921		
10,600.00	7,088.13	7,098.98	6,978.28	105.40	31.33	-55.59	-2,054.67	-7,590.67	5,359.03	5,288.02	71.01	75.469		
10,700.00	7,088.96	7,097.92	6,977.58	108.07	31.33	-55.35	-2,053.88	-7,590.69	5,259.14	5,188.09	71.05	74.015		
10,800.00	7,089.78	7,096.86	6,976.87	110.75	31.33	-55.12	-2,053.09	-7,590.71	5,159.26	5,088.16	71.10	72.562		
10,900.00	7,090.61	7,095.81	6,976.17	113.43	31.33	-54.89	-2,052.30	-7,590.72	5,059.38	4,988.23	71.15	71.107		
11,000.00	7,091.44	7,094.76	6,975.47	116.13	31.33	-54.66	-2,051.51	-7,590.74	4,959.51	4,888.31	71.20	69.652		
11,100.00	7,092.26	7,093.71	6,974.77	118.83	31.33	-54.43	-2,050.73	-7,590.75	4,859.65	4,788.39	71.26	68.197		
11,200.00	7,093.09	7,092.66	6,974.08	121.54	31.33	-54.20	-2,049.95	-7,590.77	4,759.79	4,688.47	71.32	66.741		
11,300.00	7,093.91	7,091.61	6,973.38	124.25	31.32	-53.97	-2,049.17	-7,590.79	4,659.93	4,588.55	71.38	65.285		
11,400.00	7,094.74	7,090.57	6,972.69	126.98	31.32	-53.74	-2,048.39	-7,590.80	4,560.08	4,488.64	71.44	63.828		
11,500.00	7,095.57	7,089.53	6,971.99	129.70	31.32	-53.51	-2,047.62	-7,590.82	4,460.24	4,388.73	71.51	62.370		
11,600.00	7,096.39	7,088.50	6,971.30	132.44	31.32	-53.28	-2,046.85	-7,590.83	4,360.40	4,288.82	71.58	60.913		
11,700.00	7,097.22	7,087.46	6,970.61	135.18	31.32	-53.05	-2,046.08	-7,590.85	4,260.57	4,188.91	71.66	59.454		
11,800.00	7,098.04	7,086.43	6,969.92	137.92	31.32	-52.82	-2,045.31	-7,590.87	4,160.75	4,089.01	71.74	57.996		
11,900.00	7,098.87	7,085.40	6,969.23	140.67	31.32	-52.59	-2,044.55	-7,590.88	4,060.94	3,989.11	71.83	56.536		
12,000.00	7,099.69	7,084.38	6,968.54	143.43	31.31	-52.36	-2,043.79	-7,590.90	3,961.14	3,889.22	71.92	55.077		
12,100.00	7,100.52	7,083.35	6,967.86	146.19	31.31	-52.13	-2,043.03	-7,590.91	3,861.35	3,789.33	72.02	53.617		
12,200.00	7,101.35	7,082.33	6,967.17	148.95	31.31	-51.90	-2,042.27	-7,590.93	3,761.57	3,689.44	72.12	52.156		
12,300.00	7,102.17	12,300.00	6,958.26	151.71	86.79	-48.93	-2,032.69	-7,591.10	3,661.79	3,575.93	85.86	42.648		
12,400.00	7,103.00	12,400.00	6,957.82	154.48	88.19	-48.78	-2,032.22	-7,591.10	3,562.03	3,476.03	86.00	41.417		
12,500.00	7,103.82	12,500.00	6,957.38	157.26	89.59	-48.64	-2,031.76	-7,591.11	3,462.29	3,376.15	86.13	40.198		
12,600.00	7,104.65	12,600.00	6,956.93	160.03	90.99	-48.49	-2,031.29	-7,591.12	3,362.55	3,276.31	86.24	38.989		
12,700.00	7,105.48	7,080.31	6,965.81	162.81	31.31	-51.44	-2,040.78	-7,590.96	3,262.85	3,190.04	72.81	44.810		
12,800.00	7,106.30	7,076.81	6,963.46	165.59	31.30	-50.65	-2,038.19	-7,591.01	3,163.16	3,090.23	72.93	43.373		
12,900.00	7,107.13	7,073.86	6,961.46	168.38	31.30	-49.98	-2,036.01	-7,591.06	3,063.48	2,990.42	73.06	41.930		
13,000.00	7,107.95	7,071.32	6,959.74	171.16	31.30	-49.41	-2,034.14	-7,591.09	2,963.82	2,890.61	73.21	40.482		
13,100.00	7,108.78	7,069.12	6,958.25	173.95	31.29	-48.90	-2,032.53	-7,591.12	2,864.19	2,790.81	73.39	39.029		
13,200.00	7,109.61	7,067.20	6,956.94	176.74	31.29	-48.47	-2,031.12	-7,591.15	2,764.59	2,691.01	73.58	37.573		
13,300.00	7,110.43	7,065.50	6,955.78	179.54	31.29	-48.08	-2,029.88	-7,591.17	2,665.01	2,591.21	73.80	36.113		
13,368.87	7,111.00	7,064.44	6,955.06	181.46	31.29	-47.83	-2,029.11	-7,591.18	2,596.45	2,522.49	73.96	35.105 CC, ES, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-105.95	-2,032.16	-7,111.02	7,395.70					
100.00	100.00	113.35	113.35	3.28	3.29	-105.95	-2,032.35	-7,110.78	7,395.55	7,388.98	6.57	1,124.939		
200.00	200.00	204.36	204.36	3.34	3.33	-105.96	-2,032.83	-7,110.33	7,395.23	7,388.57	6.67	1,109.177		
213.27	213.27	214.82	214.82	3.35	3.34	-109.69	-2,032.92	-7,110.29	7,395.22	7,388.53	6.69	1,106.021		
300.00	299.98	263.03	263.03	3.44	3.38	-109.69	-2,033.37	-7,110.17	7,395.85	7,389.02	6.82	1,083.814		
400.00	399.84	306.66	306.65	3.59	3.43	-109.65	-2,033.75	-7,110.40	7,398.36	7,391.33	7.03	1,052.913		
500.00	499.45	454.86	454.84	3.79	3.68	-109.67	-2,035.23	-7,111.54	7,402.41	7,394.95	7.47	991.542		
600.00	598.70	582.43	582.39	4.04	3.96	-109.68	-2,036.99	-7,111.31	7,406.73	7,398.74	7.99	926.578		
700.00	697.47	714.43	714.39	4.32	4.31	-109.72	-2,038.49	-7,110.73	7,411.96	7,403.33	8.63	858.804		
800.00	795.62	797.42	797.36	4.65	4.56	-109.71	-2,039.74	-7,110.23	7,418.30	7,409.10	9.20	806.279		
900.00	893.06	939.92	939.84	5.01	5.01	-109.79	-2,041.79	-7,109.09	7,425.72	7,415.70	10.02	741.245		
1,000.00	989.64	1,041.28	1,041.19	5.41	5.35	-109.81	-2,042.90	-7,107.84	7,433.84	7,423.08	10.76	690.908		
1,100.00	1,085.27	1,122.36	1,122.26	5.85	5.64	-109.80	-2,043.27	-7,107.13	7,443.39	7,431.91	11.48	648.495		
1,191.50	1,171.82	1,208.44	1,208.34	6.29	5.94	-109.81	-2,043.53	-7,106.54	7,453.38	7,441.17	12.22	610.055		
1,200.00	1,179.82	1,217.48	1,217.38	6.34	5.98	-109.84	-2,043.56	-7,106.47	7,454.36	7,442.07	12.29	606.424		
1,300.00	1,273.89	1,302.40	1,302.30	6.85	6.29	-110.04	-2,043.86	-7,105.84	7,465.92	7,452.81	13.11	569.671		
1,400.00	1,367.96	1,397.94	1,397.84	7.38	6.65	-110.27	-2,044.24	-7,105.31	7,477.78	7,463.80	13.98	534.758		
1,500.00	1,462.03	1,503.22	1,503.12	7.93	7.04	-110.53	-2,044.27	-7,104.59	7,489.57	7,474.65	14.92	502.085		
1,600.00	1,556.10	1,607.18	1,607.07	8.49	7.44	-110.78	-2,044.24	-7,103.82	7,501.43	7,485.57	15.86	472.896		
1,700.00	1,650.17	1,688.50	1,688.39	9.06	7.76	-110.98	-2,044.21	-7,103.18	7,513.38	7,496.64	16.73	448.963		
1,800.00	1,744.24	1,779.72	1,779.61	9.65	8.12	-111.20	-2,044.33	-7,102.63	7,525.66	7,508.00	17.66	426.150		
1,900.00	1,838.31	1,852.04	1,851.93	10.23	8.40	-111.37	-2,044.66	-7,102.11	7,538.06	7,519.55	18.51	407.173		
2,000.00	1,932.38	1,917.00	1,916.89	10.83	8.66	-111.53	-2,044.55	-7,102.20	7,551.16	7,531.82	19.34	390.496		
2,100.00	2,026.45	1,952.55	1,952.44	11.43	8.79	-111.62	-2,044.26	-7,102.52	7,564.86	7,544.82	20.04	377.441		
2,200.00	2,120.52	2,012.00	2,011.87	12.03	9.01	-111.77	-2,043.40	-7,103.39	7,579.22	7,558.38	20.84	363.641		
2,300.00	2,214.59	2,074.44	2,074.28	12.63	9.25	-111.93	-2,041.88	-7,104.72	7,594.13	7,572.48	21.66	350.624		
2,400.00	2,308.66	2,162.32	2,162.06	13.24	9.59	-112.17	-2,038.44	-7,107.09	7,609.44	7,586.86	22.58	336.986		
2,500.00	2,402.73	2,294.79	2,294.24	13.86	10.10	-112.55	-2,030.61	-7,110.86	7,624.70	7,601.01	23.69	321.832		
2,600.00	2,496.80	2,408.68	2,407.80	14.47	10.56	-112.88	-2,022.43	-7,113.86	7,639.70	7,614.96	24.74	308.844		
2,700.00	2,590.87	2,454.21	2,453.16	15.09	10.74	-113.01	-2,018.84	-7,115.25	7,655.09	7,629.58	25.50	300.183		
2,800.00	2,684.95	2,533.05	2,531.67	15.71	11.06	-113.25	-2,012.22	-7,118.03	7,671.04	7,644.63	26.41	290.475		
2,900.00	2,779.02	2,632.75	2,630.88	16.33	11.47	-113.55	-2,002.96	-7,121.57	7,687.08	7,659.67	27.41	280.442		
3,000.00	2,873.09	2,708.03	2,705.72	16.95	11.79	-113.79	-1,995.35	-7,124.38	7,703.37	7,675.06	28.31	272.097		
3,100.00	2,967.16	2,773.00	2,770.24	17.57	12.06	-113.99	-1,988.17	-7,127.13	7,720.15	7,690.99	29.17	264.678		
3,200.00	3,061.23	2,837.98	2,834.72	18.20	12.34	-114.20	-1,980.72	-7,130.12	7,737.44	7,707.41	30.03	257.676		
3,300.00	3,155.30	2,913.75	2,909.91	18.82	12.66	-114.44	-1,972.20	-7,133.79	7,755.18	7,724.24	30.94	250.672		
3,400.00	3,249.37	2,983.73	2,979.42	19.45	12.97	-114.65	-1,964.78	-7,137.19	7,773.26	7,741.44	31.82	244.275		
3,500.00	3,343.44	3,034.71	3,030.04	20.07	13.19	-114.81	-1,959.43	-7,139.88	7,791.93	7,759.31	32.62	238.890		
3,600.00	3,437.51	3,102.94	3,097.79	20.70	13.49	-115.02	-1,952.27	-7,143.79	7,811.20	7,777.71	33.49	233.216		
3,700.00	3,531.58	3,218.80	3,212.85	21.33	14.00	-115.38	-1,940.48	-7,150.38	7,830.71	7,796.12	34.60	226.340		
3,800.00	3,625.65	3,376.01	3,369.14	21.96	14.70	-115.85	-1,925.22	-7,157.96	7,849.63	7,813.73	35.90	218.639		
3,900.00	3,719.72	3,469.36	3,461.91	22.59	15.12	-116.13	-1,915.67	-7,162.25	7,868.55	7,831.64	36.91	213.208		
4,000.00	3,813.79	3,571.11	3,563.00	23.22	15.58	-116.44	-1,905.05	-7,166.70	7,887.43	7,849.48	37.95	207.829		
4,100.00	3,907.86	3,628.00	3,619.52	23.85	15.84	-116.61	-1,899.14	-7,169.24	7,906.66	7,867.88	38.78	203.890		
4,200.00	4,001.93	3,694.97	3,686.06	24.48	16.14	-116.81	-1,892.23	-7,172.46	7,926.38	7,886.73	39.65	199.884		
4,300.00	4,096.00	3,769.73	3,760.32	25.11	16.48	-117.03	-1,884.63	-7,176.37	7,946.66	7,906.09	40.57	195.884		
4,400.00	4,190.07	3,841.92	3,832.06	25.75	16.81	-117.24	-1,877.43	-7,180.16	7,967.18	7,925.72	41.47	192.126		
4,500.00	4,284.14	3,890.01	3,879.80	26.38	17.03	-117.38	-1,872.35	-7,182.93	7,988.30	7,946.06	42.25	189.088		
4,600.00	4,378.21	3,951.75	3,941.02	27.01	17.32	-117.57	-1,865.45	-7,186.83	8,010.04	7,966.95	43.09	185.880		
4,700.00	4,472.28	4,030.15	4,018.74	27.65	17.69	-117.81	-1,856.48	-7,191.96	8,032.17	7,988.14	44.03	182.445		
4,800.00	4,566.35	4,212.13	4,199.05	28.28	18.55	-118.36	-1,834.66	-7,203.28	8,054.34	8,008.84	45.50	177.017		
4,900.00	4,660.42	4,288.79	4,275.09	28.91	18.92	-118.59	-1,825.84	-7,207.50	8,075.96	8,029.53	46.43	173.953		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,516.28	4,500.98	29.55	19.99	119.25	-1,801.32	-7,218.40	8,097.35	8,049.22	48.13	168.237		
5,100.00	4,848.56	4,630.71	4,614.69	30.18	20.52	119.58	-1,789.21	-7,222.71	8,117.88	8,068.63	49.25	164.830		
5,200.00	4,942.63	4,736.89	4,720.30	30.82	21.02	119.88	-1,778.79	-7,226.15	8,138.13	8,087.80	50.32	161.719		
5,300.00	5,036.70	4,859.64	4,842.61	31.45	21.58	120.20	-1,769.11	-7,229.84	8,158.48	8,107.01	51.47	158.506		
5,400.00	5,130.77	4,933.73	4,916.51	32.09	21.91	120.39	-1,764.30	-7,231.87	8,178.81	8,126.45	52.37	156.179		
5,500.00	5,224.84	5,207.23	5,189.78	32.72	23.09	121.03	-1,754.77	-7,235.82	8,197.96	8,143.74	54.21	151.222		
5,600.00	5,318.91	5,275.19	5,257.73	33.36	23.37	121.17	-1,753.88	-7,236.18	8,216.74	8,161.68	55.07	149.217		
5,700.00	5,412.98	5,338.00	5,320.54	33.99	23.64	121.31	-1,753.29	-7,236.69	8,235.94	8,180.04	55.89	147.352		
5,800.00	5,507.06	5,397.42	5,379.96	34.63	23.88	121.43	-1,752.93	-7,237.41	8,255.60	8,198.90	56.70	145.601		
5,900.00	5,601.13	5,451.88	5,434.41	35.26	24.11	121.55	-1,752.76	-7,238.31	8,275.81	8,218.33	57.48	143.975		
6,000.00	5,695.20	6,000.00	5,542.86	35.90	26.32	121.77	-1,753.05	-7,240.58	8,296.57	8,236.28	60.29	137.620		
6,100.00	5,789.27	5,777.06	5,759.50	36.54	25.41	122.18	-1,757.05	-7,242.20	8,315.96	8,255.94	60.02	138.543		
6,200.00	5,883.34	5,867.39	5,849.82	37.17	25.77	122.35	-1,758.57	-7,242.37	8,335.11	8,274.15	60.96	136.722		
6,300.00	5,977.41	5,947.82	5,930.24	37.81	26.09	122.50	-1,759.55	-7,242.62	8,354.46	8,292.60	61.86	135.055		
6,400.00	6,071.48	6,026.94	6,009.36	38.44	26.41	122.66	-1,760.28	-7,243.04	8,374.08	8,311.33	62.75	133.451		
6,500.00	6,165.55	6,114.70	6,097.12	39.08	26.77	122.83	-1,761.01	-7,243.60	8,393.90	8,330.22	63.68	131.812		
6,600.00	6,259.62	6,201.36	6,183.78	39.72	27.12	122.99	-1,761.80	-7,244.23	8,413.88	8,349.27	64.61	130.232		
6,677.33	6,332.36	6,264.62	6,247.03	40.21	27.38	123.11	-1,762.36	-7,244.75	8,429.47	8,364.16	65.31	129.078		
6,700.00	6,353.76	6,283.22	6,265.63	40.35	27.45	118.20	-1,762.51	-7,244.92	8,433.66	8,368.16	65.51	128.743		
6,750.00	6,401.37	6,317.85	6,300.25	40.64	27.60	105.38	-1,762.76	-7,245.26	8,440.17	8,374.25	65.91	128.051		
6,800.00	6,449.30	6,351.80	6,334.20	40.89	27.74	90.53	-1,762.91	-7,245.65	8,442.86	8,376.57	66.29	127.360		
6,850.00	6,497.25	6,392.35	6,374.75	41.11	27.90	75.48	-1,762.99	-7,246.19	8,441.73	8,375.06	66.67	126.615		
6,900.00	6,544.95	6,445.00	6,427.39	41.29	28.12	62.19	-1,763.06	-7,246.84	8,436.66	8,369.58	67.08	125.772		
6,950.00	6,592.08	6,468.73	6,451.12	41.45	28.22	51.50	-1,763.29	-7,247.17	8,427.81	8,360.50	67.31	125.205		
7,000.00	6,638.35	6,489.55	6,471.93	41.58	28.30	43.33	-1,763.87	-7,247.52	8,415.29	8,347.79	67.50	124.674		
7,050.00	6,683.50	6,509.00	6,491.35	41.70	28.38	37.14	-1,764.84	-7,247.91	8,399.17	8,331.52	67.65	124.156		
7,100.00	6,727.22	6,523.93	6,506.24	41.81	28.44	32.42	-1,765.89	-7,248.26	8,379.55	8,311.79	67.75	123.677		
7,150.00	6,769.26	6,541.00	6,523.23	41.92	28.51	28.78	-1,767.42	-7,248.72	8,356.55	8,288.70	67.85	123.168		
7,200.00	6,809.36	6,553.06	6,535.22	42.03	28.55	25.92	-1,768.71	-7,249.09	8,330.28	8,262.39	67.90	122.691		
7,250.00	6,847.27	6,572.00	6,554.00	42.15	28.62	23.64	-1,771.09	-7,249.73	8,300.89	8,232.93	67.96	122.136		
7,300.00	6,882.75	6,586.91	6,568.74	42.27	28.68	21.80	-1,773.25	-7,250.27	8,268.53	8,200.53	68.00	121.596		
7,350.00	6,915.58	6,616.76	6,598.13	42.41	28.79	20.30	-1,778.33	-7,251.40	8,233.34	8,165.25	68.10	120.908		
7,400.00	6,945.57	6,696.55	6,675.70	42.57	29.06	19.07	-1,796.69	-7,254.14	8,195.35	8,126.95	68.41	119.800		
7,450.00	6,972.53	6,982.00	6,931.72	42.75	29.92	17.34	-1,919.48	-7,258.21	8,154.34	8,084.77	69.58	117.200		
7,500.00	6,996.30	6,982.00	6,931.72	42.95	29.92	16.32	-1,919.48	-7,258.21	8,110.95	8,041.41	69.54	116.645		
7,550.00	7,016.72	7,216.10	7,098.83	43.17	30.73	13.13	-2,082.27	-7,254.46	8,065.31	7,994.70	70.61	114.224		
7,600.00	7,033.66	7,222.70	7,102.85	43.43	30.76	11.44	-2,087.49	-7,254.27	8,018.23	7,947.61	70.62	113.546		
7,650.00	7,047.04	7,227.68	7,105.86	43.72	30.78	9.06	-2,091.46	-7,254.12	7,969.99	7,899.37	70.62	112.858		
7,700.00	7,056.76	7,236.00	7,110.84	44.05	30.82	4.56	-2,098.12	-7,253.89	7,920.90	7,850.25	70.65	112.119		
7,750.00	7,062.76	7,236.00	7,110.84	44.41	30.82	-7.89	-2,098.12	-7,253.89	7,871.23	7,800.59	70.64	111.430		
7,799.36	7,065.00	7,236.00	7,110.84	44.81	30.82	-88.02	-2,098.12	-7,253.89	7,821.93	7,751.29	70.64	110.731		
7,900.00	7,065.83	7,236.00	7,110.84	45.73	30.82	-88.02	-2,098.12	-7,253.89	7,721.34	7,650.69	70.65	109.289		
8,000.00	7,066.66	7,236.00	7,110.84	46.83	30.82	-88.02	-2,098.12	-7,253.89	7,621.40	7,550.73	70.66	107.855		
8,100.00	7,067.49	7,229.05	7,106.68	48.11	30.79	-87.02	-2,092.55	-7,254.08	7,521.45	7,450.81	70.64	106.480		
8,200.00	7,068.31	7,227.71	7,105.88	49.55	30.78	-86.82	-2,091.48	-7,254.12	7,421.50	7,350.86	70.65	105.053		
8,300.00	7,069.14	7,226.36	7,105.07	51.14	30.77	-86.62	-2,090.41	-7,254.16	7,321.56	7,250.90	70.65	103.626		
8,400.00	7,069.96	7,225.00	7,104.24	52.86	30.77	-86.41	-2,089.32	-7,254.20	7,221.61	7,150.95	70.66	102.196		
8,500.00	7,070.79	7,223.62	7,103.41	54.70	30.76	-86.20	-2,088.22	-7,254.24	7,121.67	7,051.00	70.68	100.766		
8,600.00	7,071.61	7,222.23	7,102.57	56.64	30.76	-85.98	-2,087.12	-7,254.28	7,021.73	6,951.04	70.69	99.334		
8,700.00	7,072.44	7,220.82	7,101.71	58.68	30.75	-85.76	-2,086.00	-7,254.32	6,921.79	6,851.09	70.70	97.900		
8,800.00	7,073.27	7,219.40	7,100.85	60.78	30.74	-85.53	-2,084.88	-7,254.36	6,821.85	6,751.14	70.72	96.465		
8,900.00	7,074.09	7,217.97	7,099.97	62.96	30.74	-85.30	-2,083.74	-7,254.41	6,721.92	6,651.18	70.74	95.029		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	7,216.52	7,099.09	65.19	30.73	-85.07	-2,082.59	-7,254.45	6,621.98	6,551.23	70.75	93.592		
9,100.00	7,075.74	7,215.05	7,098.19	67.48	30.73	-84.83	-2,081.43	-7,254.49	6,522.05	6,451.27	70.77	92.154		
9,200.00	7,076.57	7,213.57	7,097.28	69.82	30.72	-84.58	-2,080.26	-7,254.54	6,422.11	6,351.32	70.79	90.715		
9,300.00	7,077.40	7,212.07	7,096.36	72.19	30.71	-84.33	-2,079.08	-7,254.58	6,322.18	6,251.36	70.82	89.274		
9,400.00	7,078.22	7,210.55	7,095.42	74.61	30.71	-84.08	-2,077.89	-7,254.63	6,222.25	6,151.41	70.84	87.833		
9,500.00	7,079.05	7,204.00	7,091.36	77.05	30.68	-82.94	-2,072.75	-7,254.83	6,122.33	6,051.49	70.83	86.434		
9,600.00	7,079.87	7,204.00	7,091.36	79.53	30.68	-82.94	-2,072.75	-7,254.83	6,022.40	5,951.53	70.87	84.978		
9,700.00	7,080.70	7,207.46	7,093.51	82.03	30.69	-83.54	-2,075.46	-7,254.72	5,922.47	5,851.53	70.94	83.490		
9,800.00	7,081.53	7,204.59	7,091.73	84.55	30.68	-83.04	-2,073.21	-7,254.81	5,822.55	5,751.59	70.96	82.056		
9,900.00	7,082.35	7,201.75	7,089.96	87.10	30.67	-82.53	-2,070.99	-7,254.90	5,722.63	5,651.64	70.98	80.621		
10,000.00	7,083.18	7,198.93	7,088.19	89.67	30.66	-82.01	-2,068.79	-7,254.99	5,622.71	5,551.70	71.01	79.184		
10,100.00	7,084.00	7,196.13	7,086.43	92.25	30.65	-81.49	-2,066.62	-7,255.08	5,522.79	5,451.75	71.04	77.747		
10,200.00	7,084.83	7,193.35	7,084.68	94.86	30.63	-80.96	-2,064.46	-7,255.16	5,422.87	5,351.81	71.06	76.310		
10,300.00	7,085.65	7,190.59	7,082.93	97.47	30.62	-80.42	-2,062.33	-7,255.25	5,322.96	5,251.86	71.10	74.871		
10,400.00	7,086.48	7,187.85	7,081.19	100.10	30.61	-79.88	-2,060.22	-7,255.33	5,223.04	5,151.91	71.13	73.432		
10,500.00	7,087.31	7,185.14	7,079.46	102.75	30.60	-79.33	-2,058.13	-7,255.41	5,123.13	5,051.97	71.16	71.991		
10,600.00	7,088.13	7,182.44	7,077.74	105.40	30.59	-78.78	-2,056.06	-7,255.50	5,023.22	4,952.02	71.20	70.551		
10,700.00	7,088.96	7,179.00	7,063.67	108.07	46.47	-73.99	-2,039.92	-7,256.10	4,923.31	4,838.40	84.91	57.984		
10,800.00	7,089.78	7,176.00	7,062.21	110.75	47.00	-73.46	-2,038.29	-7,256.16	4,823.39	4,738.06	85.34	56.521		
10,900.00	7,090.61	7,173.00	7,060.75	113.43	47.54	-72.93	-2,036.65	-7,256.21	4,723.48	4,637.71	85.77	55.071		
11,000.00	7,091.44	7,170.00	7,059.28	116.13	48.07	-72.40	-2,035.02	-7,256.27	4,623.60	4,552.58	71.02	65.106		
11,100.00	7,092.26	7,167.00	7,058.11	118.83	48.60	-71.87	-2,033.39	-7,256.33	4,523.68	4,452.62	71.06	63.662		
11,200.00	7,093.09	7,164.00	7,056.94	121.54	49.13	-71.34	-2,031.76	-7,256.39	4,423.77	4,352.67	71.10	62.218		
11,300.00	7,093.91	7,161.00	7,055.77	124.25	49.66	-70.81	-2,030.13	-7,256.45	4,323.86	4,252.72	71.15	60.773		
11,400.00	7,094.74	7,158.00	7,054.60	126.98	50.19	-70.28	-2,028.50	-7,256.51	4,223.96	4,152.76	71.20	59.328		
11,500.00	7,095.57	7,155.00	7,053.43	129.70	50.72	-69.75	-2,026.87	-7,256.57	4,124.06	4,052.81	71.25	57.882		
11,600.00	7,096.39	7,152.00	7,052.26	132.44	51.25	-69.22	-2,025.24	-7,256.63	4,024.16	3,952.86	71.31	56.435		
11,700.00	7,097.22	7,149.00	7,051.09	135.18	51.78	-68.69	-2,023.61	-7,256.69	3,924.27	3,852.91	71.37	54.988		
11,800.00	7,098.04	7,146.00	7,049.92	137.92	52.31	-68.16	-2,021.98	-7,256.75	3,824.39	3,752.96	71.43	53.540		
11,900.00	7,098.87	7,143.00	7,048.75	140.67	52.84	-67.63	-2,020.35	-7,256.81	3,724.51	3,653.01	71.50	52.092		
12,000.00	7,099.69	7,140.00	7,047.58	143.43	53.37	-67.10	-2,018.72	-7,256.87	3,624.63	3,553.06	71.57	50.644		
12,100.00	7,100.52	7,137.00	7,046.41	146.19	53.90	-66.57	-2,017.09	-7,256.93	3,524.76	3,453.11	71.65	49.195		
12,200.00	7,101.35	7,134.00	7,045.24	148.95	54.43	-66.04	-2,015.46	-7,256.99	3,424.90	3,353.17	71.73	47.746		
12,300.00	7,102.17	7,131.00	7,044.07	151.71	54.96	-65.51	-2,013.83	-7,257.05	3,325.05	3,253.22	71.82	46.296		
12,400.00	7,103.00	7,128.00	7,042.90	154.48	55.49	-64.98	-2,012.20	-7,257.11	3,225.20	3,153.28	71.92	44.846		
12,500.00	7,103.82	7,125.00	7,041.73	157.26	56.02	-64.45	-2,010.57	-7,257.17	3,125.36	3,053.34	72.02	43.395		
12,600.00	7,104.65	7,122.00	7,040.56	160.03	56.55	-63.92	-2,008.94	-7,257.23	3,025.54	2,953.40	72.13	41.944		
12,700.00	7,105.48	7,119.00	7,039.39	162.81	57.08	-63.39	-2,007.31	-7,257.29	2,925.72	2,853.47	72.25	40.492		
12,800.00	7,106.30	7,116.00	7,038.22	165.59	57.61	-62.86	-2,005.68	-7,257.35	2,825.92	2,753.53	72.39	39.040		
12,900.00	7,107.13	7,113.00	7,037.05	168.38	58.14	-62.33	-2,004.05	-7,257.41	2,726.13	2,653.60	72.53	37.587		
13,000.00	7,107.95	7,110.00	7,035.88	171.16	58.67	-61.80	-2,002.42	-7,257.47	2,626.35	2,553.67	72.68	36.133		
13,100.00	7,108.78	7,107.00	7,034.71	173.95	59.20	-61.27	-2,000.79	-7,257.53	2,526.60	2,453.74	72.86	34.679		
13,200.00	7,109.61	7,104.00	7,033.54	176.74	59.73	-60.74	-1,999.16	-7,257.59	2,426.86	2,353.81	73.05	33.224		
13,300.00	7,110.43	7,101.00	7,032.37	179.54	60.26	-60.21	-1,997.53	-7,257.65	2,327.14	2,253.89	73.25	31.768		
13,368.87	7,111.00	7,094.25	7,017.50	181.46	60.79	-59.68	-1,995.90	-7,257.71	2,258.49	2,185.07	73.41	30.764	CC, ES, SF	

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	232.27	232.19	3.28	3.36	-106.03	-2,033.72	-7,078.80	7,369.13					
100.00	100.00	319.28	319.16	3.28	3.46	-106.03	-2,033.14	-7,076.06	7,365.92	7,359.18	6.74	1,092.192		
200.00	200.00	368.24	368.09	3.34	3.53	-106.03	-2,033.03	-7,074.65	7,363.13	7,356.26	6.87	1,072.372		
300.00	299.98	422.00	421.84	3.44	3.62	109.66	-2,031.98	-7,073.87	7,361.69	7,354.63	7.06	1,042.813		
324.33	324.29	422.00	421.84	3.47	3.62	109.66	-2,031.98	-7,073.87	7,361.62	7,354.53	7.09	1,038.085		
400.00	399.84	457.99	457.82	3.59	3.69	109.67	-2,031.07	-7,073.68	7,362.16	7,354.88	7.28	1,011.651		
500.00	499.45	513.00	512.82	3.79	3.81	109.67	-2,030.20	-7,073.64	7,364.54	7,356.95	7.59	970.223		
600.00	598.70	603.10	602.92	4.04	4.02	109.68	-2,029.58	-7,073.69	7,368.52	7,360.48	8.05	915.861		
700.00	697.47	766.85	766.65	4.32	4.47	109.79	-2,028.02	-7,072.68	7,372.87	7,364.09	8.78	839.601		
800.00	795.62	865.80	865.59	4.65	4.77	109.83	-2,026.72	-7,071.95	7,378.36	7,368.95	9.41	784.034		
900.00	893.06	938.37	938.16	5.01	5.01	109.83	-2,026.08	-7,071.43	7,385.23	7,375.22	10.01	737.889		
1,000.00	989.64	1,072.25	1,072.02	5.41	5.46	109.94	-2,024.32	-7,070.72	7,393.47	7,382.60	10.86	680.536		
1,100.00	1,085.27	1,138.25	1,138.01	5.85	5.70	109.91	-2,023.11	-7,070.37	7,402.79	7,391.26	11.53	641.821		
1,191.50	1,171.82	1,190.77	1,190.53	6.29	5.89	109.85	-2,022.15	-7,070.27	7,412.78	7,400.62	12.15	609.917		
1,200.00	1,179.82	1,195.25	1,195.00	6.34	5.90	109.87	-2,022.08	-7,070.28	7,413.78	7,401.57	12.21	607.098		
1,300.00	1,273.89	2,054.08	2,051.27	6.85	9.33	112.16	-1,986.43	-7,032.95	7,422.81	7,406.75	16.06	462.133		
1,400.00	1,367.96	2,107.00	2,103.80	7.38	9.56	112.31	-1,981.72	-7,028.66	7,425.62	7,408.81	16.81	441.773		
1,500.00	1,462.03	2,316.96	2,312.11	7.93	10.50	112.92	-1,963.41	-7,009.87	7,428.02	7,409.80	18.23	407.542		
1,600.00	1,556.10	2,369.43	2,364.17	8.49	10.74	113.07	-1,959.41	-7,004.74	7,430.10	7,411.10	19.00	390.995		
1,700.00	1,650.17	2,431.67	2,425.98	9.06	11.02	113.24	-1,955.05	-6,998.90	7,432.83	7,413.00	19.83	374.815		
1,800.00	1,744.24	2,520.04	2,513.76	9.65	11.43	113.49	-1,948.64	-6,990.94	7,436.02	7,415.25	20.78	357.894		
1,900.00	1,838.31	2,705.76	2,698.01	10.23	12.29	114.01	-1,933.49	-6,973.28	7,438.76	7,416.61	22.15	335.885		
2,000.00	1,932.38	2,877.33	2,868.09	10.83	13.10	114.48	-1,920.75	-6,954.76	7,440.68	7,417.22	23.46	317.133		
2,100.00	2,026.45	2,918.70	2,909.13	11.43	13.30	114.59	-1,918.30	-6,950.11	7,442.57	7,418.34	24.23	307.138		
2,200.00	2,120.52	2,963.00	2,953.10	12.03	13.50	114.71	-1,915.66	-6,945.36	7,445.20	7,420.18	25.02	297.602		
2,300.00	2,214.59	2,998.91	2,988.76	12.63	13.67	114.81	-1,913.50	-6,941.79	7,448.66	7,422.89	25.77	289.049		
2,400.00	2,308.66	3,058.00	3,047.51	13.24	13.95	114.97	-1,909.89	-6,936.61	7,453.18	7,426.56	26.62	279.959		
2,500.00	2,402.73	3,263.14	3,251.27	13.86	14.92	115.52	-1,896.15	-6,917.23	7,457.52	7,429.42	28.11	265.336		
2,600.00	2,496.80	3,281.38	3,269.38	14.47	15.00	115.57	-1,894.90	-6,915.52	7,461.47	7,432.68	28.79	259.160		
2,700.00	2,590.87	3,341.00	3,328.65	15.09	15.29	115.74	-1,891.00	-6,910.35	7,466.48	7,436.82	29.65	251.784		
2,800.00	2,684.95	3,367.92	3,355.43	15.71	15.41	115.81	-1,889.32	-6,908.18	7,472.11	7,441.73	30.38	245.992		
2,900.00	2,779.02	3,541.03	3,527.54	16.33	16.23	116.28	-1,878.28	-6,893.27	7,477.72	7,445.99	31.73	235.638		
3,000.00	2,873.09	3,606.26	3,592.36	16.95	16.54	116.45	-1,873.89	-6,887.48	7,483.18	7,450.55	32.63	229.364		
3,100.00	2,967.16	3,100.00	3,986.73	17.57	13.97	117.53	-1,846.01	-6,844.99	7,487.25	7,456.35	30.89	242.355		
3,200.00	3,061.23	4,071.01	4,053.04	18.20	18.82	117.72	-1,840.39	-6,836.62	7,489.47	7,453.60	35.87	208.792		
3,300.00	3,155.30	4,102.00	4,083.69	18.82	18.98	117.80	-1,837.60	-6,832.91	7,492.40	7,455.78	36.63	204.562		
3,400.00	3,249.37	4,155.95	4,137.07	19.45	19.25	117.96	-1,832.66	-6,826.84	7,496.08	7,458.60	37.48	199.991		
3,500.00	3,343.44	4,197.00	4,177.73	20.07	19.45	118.07	-1,828.95	-6,822.60	7,500.68	7,462.40	38.28	195.944		
3,600.00	3,437.51	4,226.11	4,206.59	20.70	19.59	118.16	-1,826.37	-6,819.81	7,506.17	7,467.15	39.02	192.363		
3,700.00	3,531.58	4,258.48	4,238.71	21.33	19.75	118.25	-1,823.60	-6,816.94	7,512.58	7,472.81	39.77	188.884		
3,800.00	3,625.65	4,292.00	4,272.01	21.96	19.92	118.34	-1,820.84	-6,814.23	7,519.93	7,479.40	40.53	185.547		
3,900.00	3,719.72	4,349.07	4,328.73	22.59	20.19	118.50	-1,816.16	-6,809.97	7,528.04	7,486.65	41.39	181.890		
4,000.00	3,813.79	4,415.67	4,394.92	23.22	20.51	118.69	-1,810.52	-6,805.32	7,536.72	7,494.43	42.29	178.217		
4,100.00	3,907.86	4,580.05	4,558.29	23.85	21.29	119.15	-1,796.47	-6,793.71	7,545.70	7,502.06	43.64	172.899		
4,200.00	4,001.93	4,625.71	4,603.65	24.48	21.51	119.28	-1,792.52	-6,790.31	7,554.30	7,509.85	44.45	169.954		
4,300.00	4,096.00	4,684.63	4,662.22	25.11	21.80	119.45	-1,787.47	-6,786.27	7,563.62	7,518.30	45.32	166.911		
4,400.00	4,190.07	4,796.84	4,773.77	25.75	22.33	119.76	-1,778.56	-6,778.19	7,572.82	7,526.40	46.43	163.114		
4,500.00	4,284.14	4,838.44	4,815.17	26.38	22.53	119.87	-1,775.47	-6,775.37	7,582.71	7,535.50	47.21	160.623		
4,600.00	4,378.21	4,922.03	4,898.39	27.01	22.92	120.10	-1,769.68	-6,770.14	7,593.27	7,545.09	48.18	157.598		
4,700.00	4,472.28	5,005.36	4,981.41	27.65	23.31	120.31	-1,765.01	-6,764.71	7,603.89	7,554.74	49.15	154.714		
4,800.00	4,566.35	5,053.00	5,028.92	28.28	23.53	120.43	-1,763.25	-6,761.66	7,615.00	7,565.05	49.95	152.464		
4,900.00	4,660.42	5,053.00	5,028.92	28.91	23.53	120.43	-1,763.25	-6,761.66	7,627.19	7,576.67	50.52	150.980		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	5,103.73	5,079.55	29.55	23.75	120.55	-1,761.72	-6,759.01	7,639.96	7,588.64	51.32	148.873		
5,100.00	4,848.56	5,148.00	5,123.78	30.18	23.94	120.66	-1,760.37	-6,757.57	7,654.10	7,602.02	52.09	146.952		
5,200.00	4,942.63	5,148.00	5,123.78	30.82	23.94	120.66	-1,760.37	-6,757.57	7,668.98	7,616.34	52.64	145.698		
5,300.00	5,036.70	5,210.33	5,186.07	31.45	24.21	120.81	-1,758.42	-6,756.28	7,684.75	7,631.27	53.48	143.692		
5,400.00	5,130.77	5,242.00	5,217.72	32.09	24.35	120.89	-1,757.39	-6,755.72	7,701.12	7,646.95	54.17	142.158		
5,500.00	5,224.84	5,280.76	5,256.46	32.72	24.50	120.98	-1,756.48	-6,755.31	7,718.31	7,663.43	54.88	140.630		
5,600.00	5,318.91	5,337.00	5,312.70	33.36	24.72	121.10	-1,756.40	-6,755.54	7,736.68	7,681.01	55.67	138.964		
5,700.00	5,412.98	5,337.00	5,312.70	33.99	24.72	121.10	-1,756.40	-6,755.54	7,755.57	7,699.38	56.19	138.024		
5,800.00	5,507.06	5,443.69	5,419.38	34.63	25.11	121.33	-1,757.54	-6,756.73	7,775.14	7,717.95	57.19	135.952		
5,900.00	5,601.13	5,551.76	5,527.44	35.26	25.51	121.55	-1,758.43	-6,757.63	7,794.51	7,736.31	58.20	133.925		
6,000.00	5,695.20	5,632.28	5,607.95	35.90	25.80	121.72	-1,759.07	-6,758.33	7,814.02	7,754.93	59.08	132.254		
6,100.00	5,789.27	5,702.40	5,678.07	36.54	26.06	121.87	-1,759.74	-6,759.10	7,833.85	7,773.94	59.92	130.746		
6,200.00	5,883.34	5,769.99	5,745.65	37.17	26.31	122.01	-1,760.43	-6,760.06	7,854.08	7,793.35	60.74	129.312		
6,300.00	5,977.41	5,845.59	5,821.23	37.81	26.60	122.17	-1,760.94	-6,761.40	7,874.71	7,813.12	61.60	127.846		
6,400.00	6,071.48	5,935.52	5,911.14	38.44	26.93	122.36	-1,761.73	-6,763.06	7,895.53	7,833.01	62.52	126.284		
6,500.00	6,165.55	6,018.14	5,993.75	39.08	27.25	122.53	-1,762.38	-6,764.66	7,916.53	7,853.12	63.41	124.839		
6,600.00	6,259.62	6,089.42	6,065.01	39.72	27.51	122.67	-1,762.88	-6,766.21	7,937.84	7,873.59	64.25	123.546		
6,677.33	6,332.36	6,236.29	6,211.85	40.21	28.07	122.97	-1,764.19	-6,768.60	7,953.82	7,888.48	65.35	121.719		
6,700.00	6,353.76	6,250.70	6,226.26	40.35	28.13	118.06	-1,764.29	-6,768.81	7,958.13	7,892.60	65.53	121.451		
6,750.00	6,401.37	6,288.00	6,263.55	40.64	28.27	105.25	-1,764.50	-6,769.40	7,964.89	7,898.96	65.93	120.801		
6,800.00	6,449.30	6,315.45	6,291.00	40.89	28.38	90.39	-1,764.60	-6,769.89	7,967.86	7,901.59	66.27	120.229		
6,850.00	6,497.25	6,352.00	6,327.54	41.11	28.52	75.33	-1,764.99	-6,770.59	7,967.02	7,900.39	66.63	119.579		
6,900.00	6,544.95	6,368.99	6,344.51	41.29	28.58	61.98	-1,765.48	-6,770.97	7,962.40	7,895.56	66.85	119.115		
6,950.00	6,592.08	6,384.00	6,359.51	41.45	28.64	51.27	-1,766.18	-6,771.34	7,954.10	7,887.08	67.02	118.676		
7,000.00	6,638.35	6,397.21	6,372.68	41.58	28.68	43.07	-1,767.01	-6,771.73	7,942.17	7,875.01	67.16	118.259		
7,050.00	6,683.50	6,783.81	6,744.02	41.70	29.88	36.91	-1,864.93	-6,775.39	7,925.78	7,856.88	68.90	115.035		
7,100.00	6,727.22	6,796.00	6,754.70	41.81	29.91	32.13	-1,870.79	-6,775.22	7,904.65	7,835.67	68.98	114.591		
7,150.00	6,769.26	6,812.09	6,768.64	41.92	29.95	28.42	-1,878.82	-6,775.05	7,880.20	7,811.14	69.06	114.110		
7,200.00	6,809.36	6,828.00	6,782.23	42.03	29.98	25.47	-1,887.09	-6,774.98	7,852.59	7,783.47	69.12	113.615		
7,250.00	6,847.27	6,828.00	6,782.23	42.15	29.98	23.14	-1,887.09	-6,774.98	7,821.94	7,752.85	69.10	113.205		
7,300.00	6,882.75	6,828.00	6,782.23	42.27	29.98	21.24	-1,887.09	-6,774.98	7,788.47	7,719.41	69.06	112.775		
7,350.00	6,915.58	6,843.89	6,795.59	42.41	30.02	19.61	-1,895.69	-6,775.02	7,752.26	7,683.18	69.09	112.213		
7,400.00	6,945.57	6,859.00	6,808.09	42.57	30.05	18.21	-1,904.18	-6,775.17	7,713.64	7,644.54	69.10	111.630		
7,450.00	6,972.53	6,986.00	6,904.73	42.75	30.27	16.26	-1,986.30	-6,775.27	7,672.62	7,603.02	69.60	110.243		
7,500.00	6,996.30	7,174.00	7,022.89	42.95	30.57	13.17	-2,131.83	-6,771.48	7,629.24	7,558.72	70.52	108.186		
7,550.00	7,016.72	7,174.00	7,022.89	43.17	30.57	11.60	-2,131.83	-6,771.48	7,583.73	7,513.25	70.48	107.598		
7,600.00	7,033.66	7,174.00	7,022.89	43.43	30.57	9.67	-2,131.83	-6,771.48	7,536.78	7,466.33	70.45	106.984		
7,650.00	7,047.04	7,174.00	7,022.89	43.72	30.57	6.91	-2,131.83	-6,771.48	7,488.67	7,418.25	70.42	106.344		
7,700.00	7,056.76	7,186.58	7,029.33	44.05	30.62	1.43	-2,142.63	-6,771.04	7,439.61	7,369.13	70.47	105.565		
7,750.00	7,062.76	7,187.11	7,029.60	44.41	30.63	-12.17	-2,143.08	-6,771.02	7,390.00	7,319.53	70.47	104.872		
7,799.36	7,065.00	7,187.10	7,029.60	44.81	30.63	-73.85	-2,143.08	-6,771.02	7,340.73	7,270.27	70.47	104.172		
7,900.00	7,065.83	7,186.54	7,029.31	45.73	30.62	-73.78	-2,142.59	-6,771.04	7,240.18	7,169.71	70.48	102.732		
8,000.00	7,066.66	7,174.00	7,022.89	46.83	30.57	-72.03	-2,131.83	-6,771.48	7,140.33	7,069.92	70.41	101.409		
8,100.00	7,067.49	7,174.00	7,022.89	48.11	30.57	-72.03	-2,131.83	-6,771.48	7,040.42	6,969.99	70.43	99.969		
8,200.00	7,068.31	7,174.00	7,022.89	49.55	30.57	-72.03	-2,131.83	-6,771.48	6,940.51	6,870.07	70.44	98.528		
8,300.00	7,069.14	7,174.00	7,022.89	51.14	30.57	-72.03	-2,131.83	-6,771.48	6,840.60	6,770.14	70.46	97.085		
8,400.00	7,069.96	7,174.00	7,022.89	52.86	30.57	-72.03	-2,131.83	-6,771.48	6,740.70	6,670.22	70.48	95.640		
8,500.00	7,070.79	7,174.00	7,022.89	54.70	30.57	-72.03	-2,131.83	-6,771.48	6,640.80	6,570.30	70.50	94.194		
8,600.00	7,071.61	7,174.00	7,022.89	56.64	30.57	-72.03	-2,131.83	-6,771.48	6,540.91	6,470.38	70.53	92.746		
8,700.00	7,072.44	7,174.00	7,022.89	58.68	30.57	-72.03	-2,131.83	-6,771.48	6,441.01	6,370.46	70.55	91.296		
8,800.00	7,073.27	7,174.00	7,022.89	60.78	30.57	-72.03	-2,131.83	-6,771.48	6,341.12	6,270.55	70.58	89.844		
8,900.00	7,074.09	7,174.00	7,022.89	62.96	30.57	-72.03	-2,131.83	-6,771.48	6,241.24	6,170.63	70.61	88.391		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	7,174.00	7,022.89	65.19	30.57	-72.03	-2,131.83	-6,771.48	6,141.36	6,070.72	70.64	86.937		
9,100.00	7,075.74	7,174.00	7,022.89	67.48	30.57	-72.03	-2,131.83	-6,771.48	6,041.48	5,970.80	70.68	85.481		
9,200.00	7,076.57	7,174.00	7,022.89	69.82	30.57	-72.03	-2,131.83	-6,771.48	5,941.60	5,870.89	70.71	84.023		
9,300.00	7,077.40	7,174.00	7,022.89	72.19	30.57	-72.03	-2,131.83	-6,771.48	5,841.73	5,770.98	70.75	82.564		
9,400.00	7,078.22	7,174.00	7,022.89	74.61	30.57	-72.03	-2,131.83	-6,771.48	5,741.87	5,671.07	70.80	81.104		
9,500.00	7,079.05	7,174.00	7,022.89	77.05	30.57	-72.03	-2,131.83	-6,771.48	5,642.01	5,571.17	70.84	79.642		
9,600.00	7,079.87	7,178.46	7,025.20	79.53	30.59	-72.66	-2,135.64	-6,771.31	5,542.15	5,471.22	70.93	78.138		
9,700.00	7,080.70	7,174.10	7,022.94	82.03	30.57	-72.04	-2,131.91	-6,771.48	5,442.30	5,371.36	70.94	76.713		
9,800.00	7,081.53	7,169.84	7,020.71	84.55	30.55	-71.42	-2,128.29	-6,771.64	5,342.46	5,271.49	70.96	75.285		
9,900.00	7,082.35	7,165.68	7,018.51	87.10	30.54	-70.79	-2,124.76	-6,771.80	5,242.61	5,171.63	70.98	73.856		
10,000.00	7,083.18	7,161.61	7,016.33	89.67	30.52	-70.17	-2,121.33	-6,771.95	5,142.77	5,071.77	71.01	72.426		
10,100.00	7,084.00	7,157.63	7,014.18	92.25	30.51	-69.55	-2,117.98	-6,772.10	5,042.94	4,971.90	71.03	70.993		
10,200.00	7,084.83	7,153.74	7,012.06	94.86	30.50	-68.92	-2,114.72	-6,772.24	4,943.10	4,872.04	71.06	69.560		
10,300.00	7,085.65	7,149.93	7,009.96	97.47	30.50	-68.30	-2,111.55	-6,772.38	4,843.28	4,772.18	71.09	68.124		
10,400.00	7,086.48	7,147.15	7,008.42	100.10	30.50	-67.84	-2,109.24	-6,772.48	4,743.45	4,672.31	71.14	66.680		
10,500.00	7,087.31	7,142.45	7,005.79	102.75	30.49	-67.05	-2,105.35	-6,772.65	4,643.63	4,572.47	71.17	65.250		
10,600.00	7,088.13	7,137.92	7,003.23	105.40	30.48	-66.26	-2,101.61	-6,772.81	4,543.82	4,472.62	71.20	63.819		
10,700.00	7,088.96	7,017.00	6,926.50	108.07	30.32	-40.63	-2,008.38	-6,775.03	4,444.01	4,373.96	70.05	63.444		
10,800.00	7,089.78	7,017.00	6,926.50	110.75	30.32	-40.63	-2,008.38	-6,775.03	4,344.17	4,274.08	70.09	61.978		
10,900.00	7,090.61	7,017.00	6,926.50	113.43	30.32	-40.63	-2,008.38	-6,775.03	4,244.34	4,174.20	70.14	60.513		
11,000.00	7,091.44	7,020.99	6,929.26	116.13	30.32	-41.55	-2,011.26	-6,775.02	4,144.51	4,074.28	70.23	59.011		
11,100.00	7,092.26	7,021.13	6,929.36	118.83	30.32	-41.58	-2,011.36	-6,775.02	4,044.70	3,974.41	70.29	57.543		
11,200.00	7,093.09	7,021.27	6,929.45	121.54	30.32	-41.62	-2,011.46	-6,775.02	3,944.89	3,874.54	70.35	56.074		
11,300.00	7,093.91	7,021.41	6,929.55	124.25	30.32	-41.65	-2,011.56	-6,775.02	3,845.10	3,774.68	70.42	54.605		
11,400.00	7,094.74	7,021.56	6,929.65	126.98	30.32	-41.68	-2,011.67	-6,775.02	3,745.31	3,674.83	70.49	53.135		
11,500.00	7,095.57	7,021.70	6,929.75	129.70	30.32	-41.72	-2,011.77	-6,775.02	3,645.54	3,574.98	70.56	51.664		
11,600.00	7,096.39	7,021.85	6,929.85	132.44	30.32	-41.75	-2,011.88	-6,775.02	3,545.78	3,475.14	70.64	50.193		
11,700.00	7,097.22	7,022.00	6,929.95	135.18	30.32	-41.78	-2,011.99	-6,775.02	3,446.03	3,375.30	70.73	48.721		
11,800.00	7,098.04	7,022.15	6,930.06	137.92	30.32	-41.82	-2,012.09	-6,775.02	3,346.30	3,275.48	70.82	47.248		
11,900.00	7,098.87	7,022.30	6,930.16	140.67	30.32	-41.85	-2,012.20	-6,775.02	3,246.59	3,175.66	70.93	45.774		
12,000.00	7,099.69	7,022.45	6,930.26	143.43	30.32	-41.89	-2,012.31	-6,775.02	3,146.89	3,075.86	71.04	44.300		
12,100.00	7,100.52	7,022.60	6,930.37	146.19	30.32	-41.92	-2,012.42	-6,775.02	3,047.22	2,976.06	71.16	42.824		
12,200.00	7,101.35	7,022.76	6,930.48	148.95	30.32	-41.96	-2,012.54	-6,775.02	2,947.56	2,876.27	71.29	41.347		
12,300.00	7,102.17	7,022.91	6,930.58	151.71	30.32	-41.99	-2,012.65	-6,775.02	2,847.93	2,776.50	71.43	39.869		
12,400.00	7,103.00	7,023.07	6,930.69	154.48	30.32	-42.03	-2,012.76	-6,775.02	2,748.33	2,676.74	71.59	38.390		
12,500.00	7,103.82	7,023.23	6,930.80	157.26	30.32	-42.07	-2,012.88	-6,775.02	2,648.75	2,576.99	71.76	36.909		
12,600.00	7,104.65	7,023.39	6,930.91	160.03	30.32	-42.10	-2,012.99	-6,775.02	2,549.21	2,477.26	71.96	35.426		
12,700.00	7,105.48	7,023.55	6,931.02	162.81	30.33	-42.14	-2,013.11	-6,775.02	2,449.71	2,377.54	72.17	33.942		
12,800.00	7,106.30	7,023.71	6,931.14	165.59	30.33	-42.18	-2,013.23	-6,775.02	2,350.25	2,277.84	72.42	32.455		
12,900.00	7,107.13	7,023.88	6,931.25	168.38	30.33	-42.22	-2,013.35	-6,775.02	2,250.84	2,178.15	72.69	30.966		
13,000.00	7,107.95	7,024.05	6,931.36	171.16	30.33	-42.25	-2,013.47	-6,775.02	2,151.48	2,078.49	73.00	29.474		
13,100.00	7,108.78	7,024.21	6,931.48	173.95	30.33	-42.29	-2,013.59	-6,775.02	2,052.19	1,978.84	73.35	27.979		
13,200.00	7,109.61	7,024.38	6,931.60	176.74	30.33	-42.33	-2,013.72	-6,775.02	1,952.96	1,879.21	73.75	26.482		
13,300.00	7,110.43	7,024.56	6,931.72	179.54	30.33	-42.37	-2,013.84	-6,775.02	1,853.82	1,779.61	74.21	24.980		
13,368.87	7,111.00	7,024.68	6,931.80	181.46	30.33	-42.40	-2,013.93	-6,775.02	1,785.60	1,711.03	74.57	23.944	CC, ES, SF	

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1200-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	15.00	-15.00	3.28	3.28	-109.88	-2,047.84	-5,662.28	6,021.22					
100.00	100.00	85.00	85.00	3.28	3.29	-109.88	-2,047.84	-5,662.28	6,021.22	6,014.65	6.57	916.472		
200.00	200.00	185.00	185.00	3.34	3.31	-109.88	-2,047.84	-5,662.28	6,021.22	6,014.58	6.64	906.529		
300.00	299.98	284.98	284.98	3.44	3.34	105.77	-2,047.84	-5,662.28	6,021.70	6,014.92	6.78	888.280		
400.00	399.84	384.84	384.84	3.59	3.39	105.79	-2,047.84	-5,662.28	6,023.12	6,016.15	6.98	863.234		
500.00	499.45	484.45	484.45	3.79	3.45	105.83	-2,047.84	-5,662.28	6,025.51	6,018.27	7.24	832.530		
600.00	598.70	583.70	583.70	4.04	3.52	105.87	-2,047.84	-5,662.28	6,028.86	6,021.30	7.55	797.999		
700.00	697.47	682.47	682.47	4.32	3.61	105.93	-2,047.84	-5,662.28	6,033.19	6,025.27	7.93	761.255		
800.00	795.62	780.62	780.62	4.65	3.70	106.00	-2,047.84	-5,662.28	6,038.53	6,030.19	8.35	723.594		
900.00	893.06	878.06	878.06	5.01	3.80	106.08	-2,047.84	-5,662.28	6,044.90	6,036.09	8.81	685.980		
1,000.00	989.64	974.64	974.64	5.41	3.92	106.16	-2,047.84	-5,662.28	6,052.32	6,043.00	9.32	649.095		
1,100.00	1,085.27	1,070.27	1,070.27	5.85	4.03	106.25	-2,047.84	-5,662.28	6,060.82	6,050.94	9.88	613.390		
1,191.50	1,171.82	1,156.82	1,156.82	6.29	4.15	106.34	-2,047.84	-5,662.28	6,069.58	6,059.15	10.43	582.013		
1,200.00	1,179.82	1,164.82	1,164.82	6.34	4.16	106.36	-2,047.84	-5,662.28	6,070.44	6,059.96	10.48	579.161		
1,300.00	1,273.89	1,258.89	1,258.89	6.85	4.29	106.65	-2,047.84	-5,662.28	6,080.64	6,069.52	11.12	547.011		
1,400.00	1,367.96	1,264.95	1,264.95	7.38	4.39	106.68	-2,047.44	-5,662.90	6,092.11	6,080.37	11.74	519.109		
1,500.00	1,462.03	1,300.00	1,299.98	7.93	4.49	106.79	-2,046.90	-5,663.75	6,104.43	6,092.06	12.37	493.413		
1,600.00	1,556.10	1,343.41	1,343.35	8.49	4.62	106.94	-2,045.90	-5,665.30	6,117.76	6,104.71	13.05	468.926		
1,700.00	1,650.17	1,400.00	1,399.84	9.06	4.80	107.14	-2,044.07	-5,668.16	6,132.17	6,118.40	13.77	445.181		
1,800.00	1,744.24	1,400.00	1,399.84	9.65	4.80	107.14	-2,044.07	-5,668.16	6,147.56	6,133.23	14.33	429.090		
1,900.00	1,838.31	1,457.99	1,457.64	10.23	4.99	107.34	-2,041.57	-5,672.05	6,163.87	6,148.79	15.08	408.814		
2,000.00	1,932.38	1,500.00	1,499.45	10.83	5.13	107.50	-2,039.36	-5,675.49	6,181.29	6,165.51	15.78	391.711		
2,100.00	2,026.45	1,532.22	1,531.47	11.43	5.24	107.62	-2,037.44	-5,678.47	6,199.72	6,183.27	16.45	376.806		
2,200.00	2,120.52	1,576.19	1,575.11	12.03	5.40	107.79	-2,034.51	-5,683.03	6,219.19	6,202.02	17.17	362.171		
2,300.00	2,214.59	1,646.80	1,645.12	12.63	5.67	108.07	-2,029.51	-5,690.81	6,239.43	6,221.43	18.00	346.612		
2,400.00	2,308.66	1,735.94	1,735.48	13.24	6.02	108.41	-2,023.20	-5,700.63	6,259.96	6,241.04	18.91	330.997		
2,500.00	2,402.73	1,825.07	1,821.84	13.86	6.38	108.75	-2,016.89	-5,710.45	6,280.74	6,260.90	19.84	316.592		
2,600.00	2,496.80	1,914.20	1,910.21	14.47	6.76	109.09	-2,010.58	-5,720.27	6,301.78	6,281.01	20.77	303.336		
2,700.00	2,590.87	2,003.33	1,998.57	15.09	7.14	109.43	-2,004.28	-5,730.09	6,323.08	6,301.36	21.72	291.118		
2,800.00	2,684.95	2,107.54	2,086.94	15.71	7.60	109.77	-1,997.97	-5,739.91	6,344.63	6,321.90	22.74	279.063		
2,900.00	2,779.02	2,181.59	2,175.30	16.33	7.93	110.11	-1,991.66	-5,749.73	6,366.43	6,342.80	23.63	269.418		
3,000.00	2,873.09	2,270.72	2,263.66	16.95	8.34	110.44	-1,985.35	-5,759.55	6,388.48	6,363.89	24.59	259.766		
3,100.00	2,967.16	2,359.85	2,352.03	17.57	8.75	110.77	-1,979.04	-5,769.36	6,410.78	6,385.22	25.56	250.812		
3,200.00	3,061.23	2,448.99	2,440.39	18.20	9.17	111.10	-1,972.73	-5,779.18	6,433.31	6,406.78	26.53	242.492		
3,300.00	3,155.30	2,538.12	2,528.75	18.82	9.59	111.43	-1,966.42	-5,789.00	6,456.09	6,428.58	27.50	234.745		
3,400.00	3,249.37	2,627.25	2,617.12	19.45	10.01	111.75	-1,960.11	-5,798.82	6,479.10	6,450.62	28.48	227.519		
3,500.00	3,343.44	2,716.38	2,705.48	20.07	10.43	112.08	-1,953.80	-5,808.64	6,502.34	6,472.89	29.45	220.769		
3,600.00	3,437.51	2,805.51	2,793.85	20.70	10.86	112.40	-1,947.50	-5,818.46	6,525.82	6,495.39	30.43	214.450		
3,700.00	3,531.58	2,905.36	2,882.21	21.33	11.35	112.72	-1,941.19	-5,828.28	6,549.53	6,518.08	31.46	208.206		
3,800.00	3,625.65	2,983.77	2,970.57	21.96	11.73	113.04	-1,934.88	-5,838.10	6,573.47	6,541.08	32.39	202.964		
3,900.00	3,719.72	3,072.90	3,058.94	22.59	12.16	113.35	-1,928.57	-5,847.91	6,597.63	6,564.26	33.37	197.733		
4,000.00	3,813.79	3,162.03	3,147.30	23.22	12.60	113.67	-1,922.26	-5,857.73	6,622.01	6,587.67	34.35	192.806		
4,100.00	3,907.86	3,251.17	3,235.66	23.85	13.04	113.98	-1,915.95	-5,867.55	6,646.62	6,611.29	35.32	188.159		
4,200.00	4,001.93	3,340.30	3,324.03	24.48	13.48	114.29	-1,909.64	-5,877.37	6,671.44	6,635.13	36.30	183.769		
4,300.00	4,096.00	3,429.43	3,412.39	25.11	13.92	114.60	-1,903.33	-5,887.19	6,696.47	6,659.19	37.28	179.618		
4,400.00	4,190.07	3,518.56	3,500.76	25.75	14.36	114.90	-1,897.02	-5,897.01	6,721.72	6,683.46	38.26	175.687		
4,500.00	4,284.14	3,607.69	3,589.12	26.38	14.80	115.21	-1,890.71	-5,906.83	6,747.18	6,707.94	39.24	171.960		
4,600.00	4,378.21	3,703.18	3,677.48	27.01	15.28	115.51	-1,884.41	-5,916.65	6,772.84	6,732.60	40.24	168.300		
4,700.00	4,472.28	3,785.95	3,765.85	27.65	15.69	115.81	-1,878.10	-5,926.47	6,798.71	6,757.52	41.19	165.060		
4,800.00	4,566.35	3,875.08	3,854.21	28.28	16.13	116.11	-1,871.79	-5,936.28	6,824.79	6,782.62	42.16	161.862		
4,900.00	4,660.42	3,964.22	3,942.57	28.91	16.58	116.41	-1,865.48	-5,946.10	6,851.06	6,807.93	43.14	158.816		
5,000.00	4,754.49	4,053.35	4,030.94	29.55	17.03	116.70	-1,859.17	-5,955.92	6,877.54	6,833.43	44.11	155.913		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1200-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,142.48	4,119.30	30.18	17.47	116.99	-1,852.86	-5,965.74	6,904.21	6,859.12	45.08	153.143		
5,200.00	4,942.63	4,231.61	4,207.67	30.82	17.92	117.28	-1,846.55	-5,975.56	6,931.07	6,885.02	46.05	150.498		
5,300.00	5,036.70	4,320.74	4,296.03	31.45	18.37	117.57	-1,840.24	-5,985.38	6,958.13	6,911.10	47.02	147.969		
5,400.00	5,130.77	4,409.87	4,384.39	32.09	18.82	117.86	-1,833.93	-5,995.20	6,985.37	6,937.38	47.99	145.550		
5,500.00	5,224.84	4,501.00	4,472.76	32.72	19.28	118.14	-1,827.63	-6,005.02	7,012.81	6,963.84	48.97	143.206		
5,600.00	5,318.91	4,588.13	4,561.12	33.36	19.72	118.43	-1,821.32	-6,014.83	7,040.42	6,990.50	49.93	141.014		
5,700.00	5,412.98	4,677.26	4,649.48	33.99	20.17	118.71	-1,815.01	-6,024.65	7,068.22	7,017.33	50.89	138.885		
5,800.00	5,507.06	4,766.40	4,737.85	34.63	20.62	118.99	-1,808.70	-6,034.47	7,096.20	7,044.35	51.86	136.843		
5,900.00	5,601.13	4,855.53	4,826.21	35.26	21.07	119.26	-1,802.39	-6,044.29	7,124.36	7,071.54	52.82	134.881		
6,000.00	5,695.20	4,944.66	4,914.58	35.90	21.52	119.54	-1,796.08	-6,054.11	7,152.70	7,098.92	53.78	132.996		
6,100.00	5,789.27	5,037.26	5,007.27	36.54	21.97	120.00	-1,789.77	-6,063.93	7,181.06	7,127.06	54.73	131.101		
6,200.00	5,883.34	5,130.33	5,100.34	37.17	22.42	120.47	-1,783.46	-6,073.75	7,209.41	7,155.41	55.68	129.206		
6,300.00	5,977.41	5,223.40	5,193.41	37.81	22.87	120.94	-1,777.15	-6,083.57	7,237.76	7,183.76	56.63	127.311		
6,400.00	6,071.48	5,316.47	5,286.48	38.44	23.32	121.41	-1,770.84	-6,093.39	7,266.11	7,212.11	57.58	125.416		
6,500.00	6,165.55	5,409.54	5,379.55	39.08	23.77	121.88	-1,764.53	-6,103.21	7,294.46	7,240.46	58.53	123.521		
6,600.00	6,259.62	5,502.61	5,472.62	39.72	24.22	122.35	-1,758.22	-6,113.03	7,322.81	7,268.81	59.48	121.626		
6,700.00	6,353.69	5,595.68	5,565.69	40.35	24.67	122.82	-1,751.91	-6,122.85	7,351.16	7,297.16	60.43	119.731		
6,800.00	6,447.76	5,688.75	5,658.76	40.99	25.12	123.29	-1,745.60	-6,132.67	7,379.51	7,325.51	61.38	117.836		
6,900.00	6,541.83	5,781.82	5,751.83	41.62	25.57	123.76	-1,739.29	-6,142.49	7,407.86	7,353.86	62.33	115.941		
7,000.00	6,635.90	5,874.89	5,844.90	42.26	26.02	124.23	-1,732.98	-6,152.31	7,436.21	7,382.21	63.28	114.046		
7,100.00	6,729.97	5,967.96	5,937.97	42.89	26.47	124.70	-1,726.67	-6,162.13	7,464.56	7,410.56	64.23	112.151		
7,200.00	6,824.04	6,061.03	6,031.04	43.53	26.92	125.17	-1,720.36	-6,171.95	7,492.91	7,438.91	65.18	110.256		
7,300.00	6,918.11	6,154.10	6,124.11	44.17	27.37	125.64	-1,714.05	-6,181.77	7,521.26	7,467.26	66.13	108.361		
7,400.00	7,012.18	6,247.17	6,217.18	44.80	27.82	126.11	-1,707.74	-6,191.59	7,549.61	7,495.61	67.08	106.466		
7,500.00	7,106.25	6,340.24	6,310.25	45.44	28.27	126.58	-1,701.43	-6,201.41	7,577.96	7,523.96	68.03	104.571		
7,600.00	7,200.32	6,433.31	6,403.32	46.08	28.72	127.05	-1,695.12	-6,211.23	7,606.31	7,552.31	68.98	102.676		
7,700.00	7,294.39	6,526.38	6,496.39	46.71	29.17	127.52	-1,688.81	-6,221.05	7,634.66	7,580.66	69.93	100.781		
7,800.00	7,388.46	6,619.45	6,589.46	47.35	29.62	127.99	-1,682.50	-6,230.87	7,663.01	7,609.01	70.88	98.886		
7,900.00	7,482.53	6,712.52	6,682.53	47.99	30.07	128.46	-1,676.19	-6,240.69	7,691.36	7,637.36	71.83	96.991		
8,000.00	7,576.60	6,805.59	6,775.60	48.62	30.52	128.93	-1,669.88	-6,250.51	7,719.71	7,665.71	72.78	95.096		
8,100.00	7,670.67	6,898.66	6,868.67	49.26	30.97	129.40	-1,663.57	-6,260.33	7,748.06	7,694.06	73.73	93.201		
8,200.00	7,764.74	6,991.73	6,961.74	49.89	31.42	129.87	-1,657.26	-6,270.15	7,776.41	7,722.41	74.68	91.306		
8,300.00	7,858.81	7,084.80	7,054.81	50.53	31.87	130.34	-1,650.95	-6,280.00	7,804.76	7,750.76	75.63	89.411		
8,400.00	7,952.88	7,177.87	7,147.88	51.17	32.32	130.81	-1,644.64	-6,289.82	7,833.11	7,779.11	76.58	87.516		
8,500.00	8,046.95	7,270.94	7,240.95	51.80	32.77	131.28	-1,638.33	-6,299.64	7,861.46	7,807.46	77.53	85.621		
8,600.00	8,141.02	7,364.01	7,334.02	52.44	33.22	131.75	-1,632.02	-6,309.46	7,889.81	7,835.81	78.48	83.726		
8,700.00	8,235.09	7,457.08	7,427.09	53.08	33.67	132.22	-1,625.71	-6,319.28	7,918.16	7,864.16	79.43	81.831		
8,800.00	8,329.16	7,550.15	7,520.16	53.71	34.12	132.69	-1,619.40	-6,329.10	7,946.51	7,892.51	80.38	79.936		
8,900.00	8,423.23	7,643.22	7,613.23	54.35	34.57	133.16	-1,613.09	-6,338.92	7,974.86	7,920.86	81.33	78.041		
9,000.00	8,517.30	7,736.29	7,706.30	54.99	35.02	133.63	-1,606.78	-6,348.74	8,003.21	7,949.21	82.28	76.146		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1200-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,034.08	6,946.10	67.48	29.29	-39.75	-1,979.67	-6,098.19	5,364.44	5,296.55	67.89	79.011		
9,200.00	7,076.57	7,034.44	6,946.36	69.82	29.29	-39.85	-1,979.92	-6,098.19	5,264.52	5,196.61	67.91	77.518		
9,300.00	7,077.40	7,034.80	6,946.62	72.19	29.29	-39.94	-1,980.16	-6,098.19	5,164.60	5,096.66	67.93	76.024		
9,400.00	7,078.22	7,035.16	6,946.88	74.61	29.29	-40.04	-1,980.41	-6,098.19	5,064.68	4,996.72	67.96	74.529		
9,500.00	7,079.05	7,035.51	6,947.13	77.05	29.29	-40.14	-1,980.66	-6,098.19	4,964.76	4,896.79	67.98	73.034		
9,600.00	7,079.87	7,035.87	6,947.39	79.53	29.29	-40.24	-1,980.91	-6,098.19	4,864.85	4,796.85	68.00	71.538		
9,700.00	7,080.70	7,036.23	6,947.65	82.03	29.29	-40.34	-1,981.16	-6,098.19	4,764.95	4,696.91	68.03	70.041		
9,800.00	7,081.53	7,036.58	6,947.91	84.55	29.29	-40.44	-1,981.40	-6,098.19	4,665.04	4,596.98	68.06	68.543		
9,900.00	7,082.35	7,036.94	6,948.16	87.10	29.29	-40.54	-1,981.65	-6,098.19	4,565.14	4,497.05	68.09	67.045		
10,000.00	7,083.18	7,037.29	6,948.42	89.67	29.29	-40.63	-1,981.90	-6,098.19	4,465.25	4,397.12	68.12	65.547		
10,100.00	7,084.00	7,037.65	6,948.67	92.25	29.29	-40.73	-1,982.14	-6,098.19	4,365.35	4,297.20	68.16	64.047		
10,200.00	7,084.83	7,038.00	6,948.93	94.86	29.29	-40.83	-1,982.39	-6,098.19	4,265.47	4,197.27	68.20	62.548		
10,300.00	7,085.65	7,038.35	6,949.18	97.47	29.29	-40.93	-1,982.63	-6,098.19	4,165.59	4,097.35	68.24	61.048		
10,400.00	7,086.48	7,038.71	6,949.43	100.10	29.29	-41.03	-1,982.88	-6,098.19	4,065.71	3,997.44	68.28	59.547		
10,500.00	7,087.31	7,039.06	6,949.69	102.75	29.29	-41.12	-1,983.12	-6,098.19	3,965.85	3,897.52	68.32	58.046		
10,600.00	7,088.13	7,039.41	6,949.94	105.40	29.29	-41.22	-1,983.37	-6,098.19	3,865.99	3,797.61	68.37	56.544		
10,700.00	7,088.96	7,039.76	6,950.19	108.07	29.29	-41.32	-1,983.61	-6,098.19	3,766.13	3,697.71	68.42	55.042		
10,800.00	7,089.78	7,040.11	6,950.44	110.75	29.29	-41.41	-1,983.86	-6,098.19	3,666.29	3,597.81	68.48	53.540		
10,900.00	7,090.61	7,040.46	6,950.69	113.43	29.29	-41.51	-1,984.10	-6,098.19	3,566.45	3,497.91	68.54	52.037		
11,000.00	7,091.44	7,040.81	6,950.94	116.13	29.30	-41.61	-1,984.34	-6,098.19	3,466.62	3,398.02	68.60	50.534		
11,100.00	7,092.26	7,041.16	6,951.19	118.83	29.30	-41.71	-1,984.59	-6,098.19	3,366.80	3,298.13	68.67	49.030		
11,200.00	7,093.09	7,041.51	6,951.44	121.54	29.30	-41.80	-1,984.83	-6,098.19	3,267.00	3,198.25	68.74	47.526		
11,300.00	7,093.91	7,041.86	6,951.69	124.25	29.30	-41.90	-1,985.07	-6,098.19	3,167.20	3,098.38	68.82	46.022		
11,400.00	7,094.74	7,042.20	6,951.94	126.98	29.30	-41.99	-1,985.32	-6,098.19	3,067.42	2,998.51	68.91	44.516		
11,500.00	7,095.57	7,042.55	6,952.19	129.70	29.30	-42.09	-1,985.56	-6,098.19	2,967.65	2,898.65	69.00	43.011		
11,600.00	7,096.39	7,042.90	6,952.44	132.44	29.30	-42.19	-1,985.80	-6,098.19	2,867.90	2,798.80	69.10	41.504		
11,700.00	7,097.22	7,043.24	6,952.68	135.18	29.30	-42.28	-1,986.04	-6,098.19	2,768.17	2,698.96	69.21	39.997		
11,800.00	7,098.04	7,043.59	6,952.93	137.92	29.30	-42.38	-1,986.28	-6,098.19	2,668.46	2,599.13	69.33	38.489		
11,900.00	7,098.87	7,043.93	6,953.18	140.67	29.30	-42.47	-1,986.53	-6,098.19	2,568.77	2,499.30	69.46	36.980		
12,000.00	7,099.69	7,044.28	6,953.42	143.43	29.30	-42.57	-1,986.77	-6,098.19	2,469.10	2,399.49	69.61	35.469		
12,100.00	7,100.52	7,044.62	6,953.67	146.19	29.30	-42.67	-1,987.01	-6,098.19	2,369.46	2,299.69	69.78	33.958		
12,200.00	7,101.35	7,044.96	6,953.91	148.95	29.30	-42.76	-1,987.25	-6,098.19	2,269.86	2,199.90	69.96	32.445		
12,300.00	7,102.17	7,045.31	6,954.15	151.71	29.30	-42.86	-1,987.49	-6,098.19	2,170.29	2,100.12	70.17	30.930		
12,400.00	7,103.00	7,045.65	6,954.40	154.48	29.30	-42.95	-1,987.73	-6,098.19	2,070.76	2,000.36	70.40	29.413		
12,500.00	7,103.82	7,045.99	6,954.64	157.26	29.30	-43.05	-1,987.97	-6,098.19	1,971.28	1,900.61	70.67	27.894		
12,600.00	7,104.65	7,046.33	6,954.88	160.03	29.30	-43.14	-1,988.21	-6,098.19	1,871.86	1,800.88	70.98	26.373		
12,700.00	7,105.48	7,046.67	6,955.13	162.81	29.30	-43.24	-1,988.45	-6,098.19	1,772.50	1,701.16	71.33	24.848		
12,800.00	7,106.30	7,047.01	6,955.37	165.59	29.30	-43.33	-1,988.69	-6,098.18	1,673.21	1,601.46	71.75	23.320		
12,900.00	7,107.13	7,047.35	6,955.61	168.38	29.30	-43.42	-1,988.92	-6,098.18	1,574.02	1,501.78	72.24	21.789		
13,000.00	7,107.95	7,047.69	6,955.85	171.16	29.30	-43.52	-1,989.16	-6,098.18	1,474.94	1,402.11	72.82	20.253		
13,100.00	7,108.78	7,048.03	6,956.09	173.95	29.30	-43.61	-1,989.40	-6,098.18	1,375.98	1,302.45	73.53	18.713		
13,200.00	7,109.61	7,048.36	6,956.33	176.74	29.30	-43.71	-1,989.64	-6,098.18	1,277.19	1,202.80	74.39	17.169		
13,300.00	7,110.43	7,048.70	6,956.57	179.54	29.31	-43.80	-1,989.88	-6,098.18	1,178.61	1,103.15	75.46	15.620		
13,368.87	7,111.00	7,048.93	6,956.73	181.46	29.31	-43.87	-1,990.04	-6,098.18	1,110.87	1,034.52	76.34	14.551 CC, ES, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 800-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	15.00	-15.00	3.28	3.28	-109.78	-2,047.84	-5,692.88	6,050.00					
100.00	100.00	85.00	85.00	3.28	3.29	-109.78	-2,047.84	-5,692.88	6,050.00	6,043.43	6.57	920.852		
200.00	200.00	185.00	185.00	3.34	3.31	-109.78	-2,047.84	-5,692.88	6,050.00	6,043.36	6.64	910.862		
300.00	299.98	284.98	284.98	3.44	3.34	105.87	-2,047.84	-5,692.88	6,050.48	6,043.70	6.78	892.527		
400.00	399.84	384.84	384.84	3.59	3.39	105.89	-2,047.84	-5,692.88	6,051.91	6,044.93	6.98	867.361		
500.00	499.45	484.45	484.45	3.79	3.45	105.92	-2,047.84	-5,692.88	6,054.31	6,047.07	7.24	836.510		
600.00	598.70	583.70	583.70	4.04	3.52	105.97	-2,047.84	-5,692.88	6,057.68	6,050.13	7.55	801.816		
700.00	697.47	682.47	682.47	4.32	3.61	106.03	-2,047.84	-5,692.88	6,062.04	6,054.12	7.93	764.898		
800.00	795.62	780.62	780.62	4.65	3.70	106.09	-2,047.84	-5,692.88	6,067.41	6,059.07	8.35	727.058		
900.00	893.06	878.06	878.06	5.01	3.80	106.17	-2,047.84	-5,692.88	6,073.82	6,065.00	8.81	689.267		
1,000.00	989.64	866.26	866.26	5.41	3.86	105.99	-2,047.57	-5,693.59	6,082.83	6,073.56	9.27	656.015		
1,100.00	1,085.27	900.00	899.98	5.85	3.94	105.87	-2,047.22	-5,694.51	6,093.55	6,083.77	9.79	622.517		
1,191.50	1,171.82	934.44	934.39	6.29	4.03	105.76	-2,046.72	-5,695.83	6,105.13	6,094.83	10.31	592.439		
1,200.00	1,179.82	937.40	937.35	6.34	4.04	105.77	-2,046.67	-5,695.96	6,106.29	6,095.93	10.35	589.726		
1,300.00	1,273.89	972.11	972.01	6.85	4.13	105.89	-2,046.00	-5,697.71	6,120.50	6,109.55	10.94	559.295		
1,400.00	1,367.96	1,000.00	999.84	7.38	4.20	105.98	-2,045.36	-5,699.40	6,135.79	6,124.26	11.53	532.008		
1,500.00	1,462.03	1,040.62	1,040.33	7.93	4.32	106.12	-2,044.25	-5,702.32	6,152.14	6,139.97	12.18	505.286		
1,600.00	1,556.10	1,100.00	1,099.45	8.49	4.49	106.34	-2,042.26	-5,707.54	6,169.72	6,156.83	12.89	478.723		
1,700.00	1,650.17	1,100.00	1,099.45	9.06	4.49	106.34	-2,042.26	-5,707.54	6,188.10	6,174.67	13.43	460.775		
1,800.00	1,744.24	1,140.98	1,140.17	9.65	4.62	106.49	-2,040.63	-5,711.82	6,207.66	6,193.56	14.11	440.084		
1,900.00	1,838.31	1,200.00	1,198.70	10.23	4.82	106.71	-2,037.92	-5,718.93	6,228.46	6,213.61	14.85	419.436		
2,000.00	1,932.38	1,200.00	1,198.70	10.83	4.82	106.71	-2,037.92	-5,718.93	6,250.03	6,234.63	15.40	405.913		
2,100.00	2,026.45	1,242.58	1,240.82	11.43	4.97	106.87	-2,035.70	-5,724.76	6,272.80	6,256.70	16.09	389.738		
2,200.00	2,120.52	1,319.45	1,316.78	12.03	5.26	107.17	-2,031.49	-5,735.82	6,296.32	6,279.39	16.93	371.947		
2,300.00	2,214.59	1,408.05	1,404.32	12.63	5.62	107.51	-2,026.64	-5,748.56	6,320.11	6,302.29	17.82	354.656		
2,400.00	2,308.66	1,503.36	1,491.86	13.24	6.02	107.85	-2,021.79	-5,761.30	6,344.14	6,325.39	18.75	338.291		
2,500.00	2,402.73	1,585.24	1,579.40	13.86	6.38	108.18	-2,016.94	-5,774.04	6,368.42	6,348.78	19.65	324.124		
2,600.00	2,496.80	1,673.84	1,666.94	14.47	6.78	108.52	-2,012.09	-5,786.79	6,392.95	6,372.37	20.58	310.658		
2,700.00	2,590.87	1,762.44	1,754.49	15.09	7.19	108.85	-2,007.24	-5,799.53	6,417.72	6,396.20	21.52	298.252		
2,800.00	2,684.95	1,851.03	1,842.03	15.71	7.61	109.18	-2,002.39	-5,812.27	6,442.73	6,420.26	22.46	286.808		
2,900.00	2,779.02	1,939.63	1,929.57	16.33	8.03	109.50	-1,997.54	-5,825.01	6,467.97	6,444.55	23.41	276.233		
3,000.00	2,873.09	2,028.23	2,017.11	16.95	8.47	109.83	-1,992.68	-5,837.75	6,493.45	6,469.07	24.37	266.443		
3,100.00	2,967.16	2,116.82	2,104.65	17.57	8.90	110.15	-1,987.83	-5,850.49	6,519.15	6,493.82	25.33	257.364		
3,200.00	3,061.23	2,205.42	2,192.20	18.20	9.34	110.47	-1,982.98	-5,863.23	6,545.09	6,518.79	26.29	248.929		
3,300.00	3,155.30	2,305.98	2,279.74	18.82	9.85	110.79	-1,978.13	-5,875.98	6,571.24	6,543.93	27.31	240.608		
3,400.00	3,249.37	2,382.62	2,367.28	19.45	10.24	111.10	-1,973.28	-5,888.72	6,597.62	6,569.40	28.22	233.753		
3,500.00	3,343.44	2,471.21	2,454.82	20.07	10.69	111.42	-1,968.43	-5,901.46	6,624.23	6,595.03	29.19	226.911		
3,600.00	3,437.51	2,559.81	2,542.36	20.70	11.14	111.73	-1,963.58	-5,914.20	6,651.04	6,620.88	30.16	220.508		
3,700.00	3,531.58	2,648.41	2,629.90	21.33	11.60	112.04	-1,958.73	-5,926.94	6,678.07	6,646.94	31.13	214.506		
3,800.00	3,625.65	2,737.01	2,717.45	21.96	12.05	112.35	-1,953.88	-5,939.68	6,705.32	6,673.22	32.10	208.869		
3,900.00	3,719.72	2,825.60	2,804.99	22.59	12.51	112.65	-1,949.03	-5,952.42	6,732.77	6,699.70	33.07	203.569		
4,000.00	3,813.79	2,914.20	2,892.53	23.22	12.98	112.96	-1,944.18	-5,965.17	6,760.43	6,726.39	34.04	198.576		
4,100.00	3,907.86	3,002.80	2,980.07	23.85	13.44	113.26	-1,939.33	-5,977.91	6,788.29	6,753.28	35.02	193.867		
4,200.00	4,001.93	3,091.39	3,067.61	24.48	13.90	113.56	-1,934.48	-5,990.65	6,816.36	6,780.37	35.99	189.418		
4,300.00	4,096.00	3,179.99	3,155.16	25.11	14.37	113.85	-1,929.62	-6,003.39	6,844.62	6,807.67	36.96	185.211		
4,400.00	4,190.07	3,268.59	3,242.70	25.75	14.83	114.15	-1,924.77	-6,016.13	6,873.08	6,835.16	37.93	181.226		
4,500.00	4,284.14	3,357.19	3,330.24	26.38	15.30	114.44	-1,919.92	-6,028.87	6,901.74	6,862.84	38.89	177.448		
4,600.00	4,378.21	3,445.78	3,417.78	27.01	15.77	114.73	-1,915.07	-6,041.61	6,930.59	6,890.72	39.86	173.861		
4,700.00	4,472.28	3,534.38	3,505.32	27.65	16.24	115.02	-1,910.22	-6,054.36	6,959.62	6,918.79	40.83	170.452		
4,800.00	4,566.35	3,622.98	3,592.87	28.28	16.71	115.31	-1,905.37	-6,067.10	6,988.85	6,947.05	41.80	167.208		
4,900.00	4,660.42	3,711.57	3,680.41	28.91	17.18	115.59	-1,900.52	-6,079.84	7,018.25	6,975.49	42.76	164.119		
5,000.00	4,754.49	3,800.17	3,767.95	29.55	17.65	115.87	-1,895.67	-6,092.58	7,047.84	7,004.12	43.73	161.173		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 800-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	3,888.77	3,855.49	30.18	18.12	116.15	-1,890.82	-6,105.32	7,077.61	7,032.92	44.69	158.362		
5,200.00	4,942.63	3,977.37	3,943.03	30.82	18.59	116.43	-1,885.97	-6,118.06	7,107.56	7,061.91	45.66	155.677		
5,300.00	5,036.70	4,065.96	4,030.58	31.45	19.06	116.71	-1,881.12	-6,130.80	7,137.69	7,091.07	46.62	153.110		
5,400.00	5,130.77	4,154.56	4,118.12	32.09	19.54	116.98	-1,876.27	-6,143.55	7,167.98	7,120.41	47.58	150.654		
5,500.00	5,224.84	4,243.16	4,205.66	32.72	20.01	117.25	-1,871.42	-6,156.29	7,198.45	7,149.91	48.54	148.301		
5,600.00	5,318.91	4,331.76	4,293.20	33.36	20.48	117.52	-1,866.56	-6,169.03	7,229.09	7,179.59	49.50	146.047		
5,700.00	5,412.98	4,420.35	4,380.74	33.99	20.96	117.79	-1,861.71	-6,181.77	7,259.90	7,209.44	50.46	143.884		
5,800.00	5,507.06	4,508.95	4,468.29	34.63	21.43	118.06	-1,856.86	-6,194.51	7,290.87	7,239.45	51.41	141.808		
5,900.00	5,601.13	4,602.45	4,555.83	35.26	21.93	118.32	-1,852.01	-6,207.25	7,322.00	7,269.61	52.39	139.753		
6,000.00	5,695.20	4,686.14	4,643.37	35.90	22.38	118.59	-1,847.16	-6,219.99	7,353.29	7,299.97	53.32	137.896		
6,100.00	5,789.27	4,774.74	4,730.91	36.54	22.86	118.85	-1,842.31	-6,232.74	7,384.74	7,330.46	54.28	136.052		
6,200.00	5,883.34	4,863.34	4,818.45	37.17	23.33	119.11	-1,837.46	-6,245.48	7,416.35	7,361.12	55.23	134.277		
6,300.00	5,977.41	4,951.94	4,906.00	37.81	23.81	119.36	-1,832.61	-6,258.22	7,448.11	7,391.93	56.18	132.568		
6,400.00	6,071.48	5,040.53	4,993.54	38.44	24.29	119.62	-1,827.76	-6,270.96	7,480.03	7,422.90	57.13	130.920		
6,500.00	6,165.55	5,129.13	5,081.08	39.08	24.76	119.87	-1,822.91	-6,283.70	7,512.10	7,454.01	58.08	129.332		
6,600.00	6,259.62	5,217.73	5,168.62	39.72	25.24	120.12	-1,818.06	-6,296.44	7,544.31	7,485.28	59.03	127.799		
6,677.33	6,332.36	5,286.24	5,236.32	40.21	25.61	120.31	-1,814.31	-6,306.30	7,569.32	7,509.56	59.77	126.650		
6,700.00	6,353.76	5,306.45	5,256.29	40.35	25.72	115.46	-1,813.20	-6,309.20	7,576.29	7,516.31	59.98	126.317		
6,750.00	6,401.37	5,351.84	5,301.13	40.64	25.96	102.77	-1,810.71	-6,315.73	7,588.95	7,528.51	60.44	125.561		
6,800.00	6,449.30	5,401.90	5,346.85	40.89	26.23	88.01	-1,808.18	-6,322.38	7,597.81	7,536.91	60.90	124.754		
6,850.00	6,497.25	5,444.96	5,393.15	41.11	26.46	73.03	-1,805.62	-6,329.12	7,602.84	7,541.54	61.30	124.017		
6,900.00	6,544.95	5,507.88	5,439.75	41.29	26.80	59.78	-1,803.03	-6,335.90	7,603.99	7,542.22	61.77	123.106		
6,950.00	6,592.08	5,539.30	5,486.36	41.45	26.97	49.16	-1,800.45	-6,342.69	7,601.26	7,539.21	62.05	122.497		
7,000.00	6,638.35	5,586.19	5,532.70	41.58	27.22	41.04	-1,797.88	-6,349.43	7,594.66	7,532.28	62.38	121.749		
7,050.00	6,683.50	5,621.58	5,577.99	41.70	32.22	37.32	-1,786.54	-6,428.84	7,578.19	7,509.98	68.21	111.094		
7,100.00	6,727.22	5,665.20	5,603.23	41.81	32.33	32.59	-1,797.38	-6,428.84	7,557.54	7,489.13	68.42	110.461		
7,150.00	6,769.26	5,707.14	5,643.20	41.92	32.44	28.92	-1,810.07	-6,428.84	7,533.40	7,464.81	68.60	109.824		
7,200.00	6,809.36	5,746.91	5,680.40	42.03	32.53	26.01	-1,824.11	-6,428.83	7,505.91	7,437.17	68.74	109.193		
7,250.00	6,847.27	5,784.10	5,714.49	42.15	32.61	23.66	-1,838.97	-6,428.83	7,475.24	7,406.37	68.86	108.552		
7,300.00	6,882.75	5,818.40	5,745.25	42.27	32.68	21.73	-1,854.14	-6,428.83	7,441.58	7,372.62	68.96	107.905		
7,350.00	6,915.58	5,849.59	5,772.61	42.41	32.73	20.11	-1,869.11	-6,428.83	7,405.14	7,336.10	69.05	107.251		
7,400.00	6,945.57	5,877.53	5,800.58	42.57	32.79	18.72	-1,883.47	-6,428.83	7,366.15	7,297.04	69.11	106.586		
7,450.00	6,972.53	5,902.14	5,821.25	42.75	32.83	17.50	-1,896.83	-6,428.83	7,324.84	7,255.68	69.16	105.910		
7,500.00	6,996.30	5,923.40	5,843.75	42.95	32.86	16.38	-1,908.90	-6,428.83	7,281.47	7,212.27	69.20	105.221		
7,550.00	7,016.72	5,941.33	5,864.23	43.17	32.89	15.29	-1,919.46	-6,428.82	7,236.29	7,167.06	69.23	104.524		
7,600.00	7,033.66	5,955.94	5,876.86	43.43	32.91	14.14	-1,928.31	-6,428.82	7,189.59	7,120.34	69.25	103.817		
7,650.00	7,047.04	5,967.28	5,886.76	43.72	32.93	12.70	-1,935.33	-6,428.82	7,141.65	7,072.38	69.27	103.104		
7,700.00	7,056.76	5,975.40	5,894.07	44.05	32.94	10.43	-1,940.44	-6,428.82	7,092.75	7,023.47	69.28	102.385		
7,750.00	7,062.76	5,980.32	5,899.87	44.41	32.95	4.95	-1,943.57	-6,428.82	7,043.19	6,973.91	69.28	101.663		
7,799.36	7,065.00	5,982.08	5,901.22	44.81	32.95	-37.72	-1,944.69	-6,428.82	6,993.92	6,924.63	69.28	100.948		
7,900.00	7,065.83	5,982.51	5,901.56	45.73	32.95	-37.88	-1,944.97	-6,428.82	6,893.30	6,824.02	69.28	99.492		
8,000.00	7,066.66	5,982.94	5,901.89	46.83	32.95	-38.03	-1,945.25	-6,428.82	6,793.33	6,724.04	69.29	98.045		
8,100.00	7,067.49	5,983.38	5,902.22	48.11	32.95	-38.18	-1,945.53	-6,428.82	6,693.36	6,624.07	69.29	96.596		
8,200.00	7,068.31	5,983.81	5,902.55	49.55	32.95	-38.33	-1,945.80	-6,428.82	6,593.39	6,524.09	69.30	95.146		
8,300.00	7,069.14	5,984.24	5,902.88	51.14	32.95	-38.48	-1,946.08	-6,428.82	6,493.42	6,424.11	69.30	93.695		
8,400.00	7,069.96	5,984.67	5,903.21	52.86	32.95	-38.63	-1,946.36	-6,428.82	6,393.45	6,324.14	69.31	92.243		
8,500.00	7,070.79	5,985.10	5,903.54	54.70	32.95	-38.78	-1,946.63	-6,428.82	6,293.48	6,224.16	69.32	90.789		
8,600.00	7,071.61	5,985.52	5,903.86	56.64	32.95	-38.93	-1,946.91	-6,428.82	6,193.51	6,124.18	69.33	89.334		
8,700.00	7,072.44	5,985.95	5,904.19	58.68	32.96	-39.09	-1,947.18	-6,428.82	6,093.55	6,024.20	69.34	87.878		
8,800.00	7,073.27	5,986.38	5,904.52	60.78	32.96	-39.24	-1,947.46	-6,428.82	5,993.58	5,924.23	69.35	86.422		
8,900.00	7,074.09	5,986.80	5,904.84	62.96	32.96	-39.39	-1,947.73	-6,428.82	5,893.62	5,824.25	69.37	84.964		
9,000.00	7,074.92	5,987.23	5,905.17	65.19	32.96	-39.54	-1,948.01	-6,428.82	5,793.65	5,724.27	69.38	83.505		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 800-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,087.65	6,985.49	67.48	32.96	-39.69	-1,948.28	-6,428.82	5,693.69	5,624.29	69.40	82.046		
9,200.00	7,076.57	7,088.08	6,985.82	69.82	32.96	-39.84	-1,948.55	-6,428.82	5,593.73	5,524.32	69.41	80.586		
9,300.00	7,077.40	7,088.50	6,986.14	72.19	32.96	-39.99	-1,948.83	-6,428.82	5,493.77	5,424.34	69.43	79.125		
9,400.00	7,078.22	7,088.92	6,986.46	74.61	32.96	-40.14	-1,949.10	-6,428.82	5,393.81	5,324.36	69.45	77.663		
9,500.00	7,079.05	7,089.34	6,986.78	77.05	32.96	-40.29	-1,949.37	-6,428.82	5,293.86	5,224.39	69.47	76.201		
9,600.00	7,079.87	7,089.77	6,987.10	79.53	32.96	-40.44	-1,949.65	-6,428.82	5,193.90	5,124.41	69.49	74.738		
9,700.00	7,080.70	7,090.19	6,987.42	82.03	32.96	-40.59	-1,949.92	-6,428.82	5,093.95	5,024.43	69.52	73.275		
9,800.00	7,081.53	7,090.61	6,987.74	84.55	32.96	-40.74	-1,950.19	-6,428.82	4,994.00	4,924.46	69.54	71.811		
9,900.00	7,082.35	7,091.03	6,988.06	87.10	32.96	-40.89	-1,950.46	-6,428.82	4,894.05	4,824.48	69.57	70.346		
10,000.00	7,083.18	7,091.44	6,988.38	89.67	32.96	-41.04	-1,950.74	-6,428.82	4,794.11	4,724.51	69.60	68.882		
10,100.00	7,084.00	7,091.86	6,988.70	92.25	32.96	-41.19	-1,951.01	-6,428.82	4,694.16	4,624.53	69.63	67.417		
10,200.00	7,084.83	7,092.28	6,989.02	94.86	32.97	-41.34	-1,951.28	-6,428.82	4,594.22	4,524.56	69.66	65.951		
10,300.00	7,085.65	7,092.70	6,989.33	97.47	32.97	-41.49	-1,951.55	-6,428.82	4,494.28	4,424.59	69.69	64.485		
10,400.00	7,086.48	7,093.11	6,989.65	100.10	32.97	-41.64	-1,951.82	-6,428.82	4,394.34	4,324.61	69.73	63.019		
10,500.00	7,087.31	7,093.53	6,989.96	102.75	32.97	-41.79	-1,952.09	-6,428.82	4,294.41	4,224.64	69.77	61.553		
10,600.00	7,088.13	7,093.94	6,990.28	105.40	32.97	-41.94	-1,952.36	-6,428.82	4,194.48	4,124.67	69.81	60.087		
10,700.00	7,088.96	7,094.36	6,990.59	108.07	32.97	-42.09	-1,952.63	-6,428.82	4,094.55	4,024.70	69.85	58.620		
10,800.00	7,089.78	7,094.77	6,990.90	110.75	32.97	-42.24	-1,952.90	-6,428.82	3,994.63	3,924.73	69.89	57.153		
10,900.00	7,090.61	7,095.18	6,991.22	113.43	32.97	-42.38	-1,953.17	-6,428.82	3,894.71	3,824.77	69.94	55.687		
11,000.00	7,091.44	7,095.59	6,991.53	116.13	32.97	-42.53	-1,953.44	-6,428.82	3,794.79	3,724.80	69.99	54.220		
11,100.00	7,092.26	7,096.01	6,991.84	118.83	32.97	-42.68	-1,953.71	-6,428.82	3,694.88	3,624.84	70.04	52.753		
11,200.00	7,093.09	7,096.42	6,992.15	121.54	32.97	-42.83	-1,953.98	-6,428.82	3,594.97	3,524.88	70.10	51.286		
11,300.00	7,093.91	7,096.83	6,992.46	124.25	32.97	-42.98	-1,954.25	-6,428.82	3,495.07	3,424.92	70.16	49.819		
11,400.00	7,094.74	7,097.24	6,992.77	126.98	32.97	-43.13	-1,954.51	-6,428.82	3,395.18	3,324.96	70.22	48.352		
11,500.00	7,095.57	7,097.65	6,993.08	129.70	32.97	-43.27	-1,954.78	-6,428.82	3,295.29	3,225.00	70.28	46.885		
11,600.00	7,096.39	7,098.05	6,993.39	132.44	32.97	-43.42	-1,955.05	-6,428.82	3,195.41	3,125.05	70.36	45.418		
11,700.00	7,097.22	7,098.46	6,993.69	135.18	32.98	-43.57	-1,955.32	-6,428.82	3,095.53	3,025.10	70.43	43.951		
11,800.00	7,098.04	7,098.87	6,994.00	137.92	32.98	-43.72	-1,955.58	-6,428.82	2,995.67	2,925.15	70.51	42.484		
11,900.00	7,098.87	7,099.27	6,994.31	140.67	32.98	-43.86	-1,955.85	-6,428.82	2,895.81	2,825.21	70.60	41.017		
12,000.00	7,099.69	7,099.68	6,994.61	143.43	32.98	-44.01	-1,956.12	-6,428.82	2,795.96	2,725.27	70.70	39.549		
12,100.00	7,100.52	7,100.08	6,994.92	146.19	32.98	-44.16	-1,956.38	-6,428.82	2,696.13	2,625.33	70.80	38.082		
12,200.00	7,101.35	7,100.49	6,995.22	148.95	32.98	-44.31	-1,956.65	-6,428.82	2,596.30	2,525.39	70.91	36.614		
12,300.00	7,102.17	7,100.89	6,995.53	151.71	32.98	-44.45	-1,956.92	-6,428.82	2,496.49	2,425.46	71.03	35.145		
12,400.00	7,103.00	7,101.30	6,995.83	154.48	32.98	-44.60	-1,957.18	-6,428.82	2,396.70	2,325.53	71.17	33.677		
12,500.00	7,103.82	7,101.70	6,996.13	157.26	32.98	-44.74	-1,957.45	-6,428.82	2,296.92	2,225.61	71.32	32.207		
12,600.00	7,104.65	7,102.10	6,996.43	160.03	32.98	-44.89	-1,957.71	-6,428.82	2,197.17	2,125.69	71.48	30.737		
12,700.00	7,105.48	7,102.50	6,996.73	162.81	32.98	-45.04	-1,957.98	-6,428.82	2,097.44	2,025.77	71.67	29.266		
12,800.00	7,106.30	7,102.90	6,997.04	165.59	32.98	-45.18	-1,958.24	-6,428.82	1,997.73	1,925.86	71.88	27.794		
12,900.00	7,107.13	7,103.30	6,997.34	168.38	32.98	-45.33	-1,958.51	-6,428.82	1,898.06	1,825.95	72.11	26.321		
13,000.00	7,107.95	7,103.70	6,997.64	171.16	32.98	-45.47	-1,958.77	-6,428.82	1,798.42	1,726.04	72.38	24.845		
13,100.00	7,108.78	7,104.10	6,997.93	173.95	32.98	-45.62	-1,959.03	-6,428.82	1,698.82	1,626.13	72.70	23.368		
13,200.00	7,109.61	7,104.50	6,998.23	176.74	32.98	-45.76	-1,959.30	-6,428.82	1,599.28	1,526.21	73.07	21.888		
13,300.00	7,110.43	7,104.89	6,998.53	179.54	32.98	-45.91	-1,959.56	-6,428.82	1,499.79	1,426.29	73.50	20.405		
13,368.87	7,111.00	7,105.17	6,998.73	181.46	32.98	-46.01	-1,959.74	-6,428.82	1,431.33	1,357.48	73.85	19.382 CC, ES, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1500-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	15.00	-15.00	3.28	3.28	-110.08	-2,047.86	-5,601.10	5,963.72					
100.00	100.00	85.00	85.00	3.28	3.29	-110.08	-2,047.86	-5,601.10	5,963.72	5,957.15	6.57	907.720		
200.00	200.00	185.00	185.00	3.34	3.31	-110.08	-2,047.86	-5,601.10	5,963.72	5,957.08	6.64	897.872		
300.00	299.98	284.98	284.98	3.44	3.34	105.57	-2,047.86	-5,601.10	5,964.19	5,957.41	6.78	879.798		
400.00	399.84	384.84	384.84	3.59	3.39	105.60	-2,047.86	-5,601.10	5,965.60	5,958.62	6.98	854.990		
500.00	499.45	484.45	484.45	3.79	3.45	105.63	-2,047.86	-5,601.10	5,967.96	5,960.72	7.24	824.578		
600.00	598.70	583.70	583.70	4.04	3.52	105.68	-2,047.86	-5,601.10	5,971.27	5,963.71	7.55	790.376		
700.00	697.47	682.47	682.47	4.32	3.61	105.74	-2,047.86	-5,601.10	5,975.55	5,967.63	7.93	753.981		
800.00	795.62	780.62	780.62	4.65	3.70	105.81	-2,047.86	-5,601.10	5,980.83	5,972.48	8.35	716.676		
900.00	893.06	878.06	878.06	5.01	3.80	105.89	-2,047.86	-5,601.10	5,987.12	5,978.31	8.81	679.417		
1,000.00	989.64	1,593.20	1,592.66	5.41	4.95	107.57	-2,041.90	-5,593.05	6,016.74	6,006.38	10.36	580.727		
1,100.00	1,085.27	1,688.22	1,687.13	5.85	5.27	107.88	-2,035.81	-5,584.83	6,015.31	6,004.20	11.11	541.406		
1,163.94	1,145.85	1,748.42	1,746.98	6.16	5.49	108.07	-2,031.96	-5,579.63	6,015.05	6,003.43	11.62	517.661		
1,191.50	1,171.82	1,774.23	1,772.64	6.29	5.58	108.16	-2,030.31	-5,577.39	6,015.10	6,003.26	11.84	507.959		
1,200.00	1,179.82	1,782.17	1,780.53	6.34	5.61	108.19	-2,029.80	-5,576.71	6,015.13	6,003.22	11.91	505.006		
1,300.00	1,273.89	1,875.64	1,873.46	6.85	5.96	108.50	-2,023.81	-5,568.62	6,015.61	6,002.86	12.75	471.786		
1,400.00	1,367.96	1,969.11	1,966.39	7.38	6.33	108.82	-2,017.82	-5,560.54	6,016.30	6,002.68	13.62	441.630		
1,500.00	1,462.03	2,062.58	2,059.31	7.93	6.71	109.14	-2,011.84	-5,552.45	6,017.20	6,002.68	14.52	414.456		
1,600.00	1,556.10	2,156.05	2,152.24	8.49	7.10	109.45	-2,005.85	-5,544.36	6,018.30	6,002.87	15.43	389.955		
1,700.00	1,650.17	2,249.52	2,245.16	9.06	7.49	109.77	-1,999.86	-5,536.28	6,019.62	6,003.26	16.36	367.844		
1,800.00	1,744.24	2,342.98	2,338.09	9.65	7.90	110.08	-1,993.88	-5,528.19	6,021.15	6,003.84	17.31	347.855		
1,900.00	1,838.31	2,436.45	2,431.01	10.23	8.30	110.40	-1,987.89	-5,520.11	6,022.89	6,004.62	18.27	329.744		
2,000.00	1,932.38	2,529.92	2,523.94	10.83	8.72	110.72	-1,981.91	-5,512.02	6,024.83	6,005.60	19.23	313.290		
2,100.00	2,026.45	2,623.39	2,616.87	11.43	9.13	111.03	-1,975.92	-5,503.94	6,026.99	6,006.78	20.20	298.301		
2,200.00	2,120.52	2,716.86	2,709.79	12.03	9.55	111.35	-1,969.93	-5,495.85	6,029.35	6,008.17	21.18	284.609		
2,300.00	2,214.59	2,810.33	2,802.72	12.63	9.98	111.66	-1,963.95	-5,487.77	6,031.93	6,009.76	22.17	272.065		
2,400.00	2,308.66	2,903.80	2,895.64	13.24	10.40	111.98	-1,957.96	-5,479.68	6,034.71	6,011.54	23.16	260.543		
2,500.00	2,402.73	3,002.74	2,998.57	13.86	10.86	112.29	-1,951.97	-5,471.59	6,037.70	6,013.52	24.18	249.689		
2,600.00	2,496.80	3,109.27	3,081.49	14.47	11.35	112.60	-1,945.99	-5,463.51	6,040.89	6,015.66	25.24	239.374		
2,700.00	2,590.87	3,184.20	3,174.42	15.09	11.70	112.92	-1,940.00	-5,455.42	6,044.30	6,018.14	26.16	231.060		
2,800.00	2,684.95	3,277.67	3,267.34	15.71	12.13	113.23	-1,934.01	-5,447.34	6,047.91	6,020.74	27.16	222.644		
2,900.00	2,779.02	3,371.14	3,360.27	16.33	12.57	113.55	-1,928.03	-5,439.25	6,051.73	6,023.55	28.17	214.817		
3,000.00	2,873.09	3,464.61	3,453.20	16.95	13.01	113.86	-1,922.04	-5,431.17	6,055.75	6,026.57	29.18	207.524		
3,100.00	2,967.16	3,558.08	3,546.12	17.57	13.44	114.17	-1,916.05	-5,423.08	6,059.98	6,029.79	30.19	200.713		
3,200.00	3,061.23	3,651.54	3,639.05	18.20	13.88	114.48	-1,910.07	-5,415.00	6,064.41	6,033.21	31.21	194.341		
3,300.00	3,155.30	3,745.01	3,731.97	18.82	14.32	114.79	-1,904.08	-5,406.91	6,069.05	6,036.84	32.22	188.369		
3,400.00	3,249.37	3,838.48	3,824.90	19.45	14.77	115.11	-1,898.09	-5,398.82	6,073.90	6,040.67	33.23	182.761		
3,500.00	3,343.44	3,931.95	3,917.82	20.07	15.21	115.42	-1,892.11	-5,390.74	6,078.95	6,044.70	34.25	177.486		
3,600.00	3,437.51	4,025.42	4,010.75	20.70	15.65	115.73	-1,886.12	-5,382.65	6,084.20	6,048.93	35.27	172.518		
3,700.00	3,531.58	4,118.89	4,103.68	21.33	16.10	116.04	-1,880.14	-5,374.57	6,089.66	6,053.37	36.28	167.831		
3,800.00	3,625.65	4,212.36	4,196.60	21.96	16.54	116.35	-1,874.15	-5,366.48	6,095.31	6,058.01	37.30	163.402		
3,900.00	3,719.72	4,305.83	4,289.53	22.59	16.99	116.66	-1,868.16	-5,358.40	6,101.17	6,062.85	38.32	159.213		
4,000.00	3,813.79	4,400.71	4,382.45	23.22	17.44	116.96	-1,862.18	-5,350.31	6,107.23	6,067.89	39.35	155.220		
4,100.00	3,907.86	4,492.76	4,475.38	23.85	17.88	117.27	-1,856.19	-5,342.23	6,113.50	6,073.14	40.36	151.481		
4,200.00	4,001.93	4,586.23	4,568.30	24.48	18.33	117.58	-1,850.20	-5,334.14	6,119.96	6,078.58	41.38	147.906		
4,300.00	4,096.00	4,679.70	4,661.23	25.11	18.78	117.89	-1,844.22	-5,326.05	6,126.62	6,084.22	42.40	144.509		
4,400.00	4,190.07	4,773.17	4,754.15	25.75	19.22	118.19	-1,838.23	-5,317.97	6,133.48	6,090.06	43.42	141.275		
4,500.00	4,284.14	4,866.64	4,847.08	26.38	19.67	118.50	-1,832.24	-5,309.88	6,140.54	6,096.10	44.43	138.195		
4,600.00	4,378.21	4,960.11	4,940.01	27.01	20.12	118.80	-1,826.26	-5,301.80	6,147.79	6,102.34	45.45	135.257		
4,700.00	4,472.28	5,053.57	5,032.93	27.65	20.57	119.11	-1,820.27	-5,293.71	6,155.24	6,108.77	46.47	132.453		
4,800.00	4,566.35	5,147.04	5,125.86	28.28	21.02	119.41	-1,814.28	-5,285.63	6,162.89	6,115.40	47.49	129.774		
4,900.00	4,660.42	5,240.51	5,218.78	28.91	21.47	119.71	-1,808.30	-5,277.54	6,170.73	6,122.23	48.51	127.213		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1500-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	5,333.98	5,311.71	29.55	21.92	120.02	-1,802.31	-5,269.46	6,178.77	6,129.25	49.52	124.761		
5,100.00	4,848.56	5,427.45	5,404.63	30.18	22.37	120.32	-1,796.32	-5,261.37	6,187.00	6,136.46	50.54	122.413		
5,200.00	4,942.63	5,520.92	5,497.56	30.82	22.82	120.62	-1,790.34	-5,253.29	6,195.43	6,143.87	51.56	120.162		
5,300.00	5,036.70	5,614.39	5,590.49	31.45	23.27	120.92	-1,784.35	-5,245.20	6,204.05	6,151.47	52.58	118.004		
5,400.00	5,130.77	5,707.85	5,683.41	32.09	23.72	121.22	-1,778.37	-5,237.11	6,212.85	6,159.26	53.59	115.931		
5,500.00	5,224.84	5,746.17	5,721.52	32.72	23.90	121.34	-1,776.00	-5,233.93	6,222.23	6,167.88	54.35	114.488		
5,600.00	5,318.91	5,800.00	5,775.14	33.36	24.16	121.51	-1,773.19	-5,230.12	6,232.80	6,177.62	55.17	112.969		
5,700.00	5,412.98	5,800.00	5,775.14	33.99	24.16	121.51	-1,773.19	-5,230.12	6,244.29	6,188.56	55.73	112.036		
5,800.00	5,507.06	5,845.42	5,820.45	34.63	24.36	121.64	-1,771.28	-5,227.55	6,256.89	6,200.39	56.50	110.738		
5,900.00	5,601.13	5,900.00	5,874.95	35.26	24.60	121.80	-1,769.56	-5,225.22	6,270.71	6,213.40	57.31	109.420		
6,000.00	5,695.20	5,900.00	5,874.95	35.90	24.60	121.80	-1,769.56	-5,225.22	6,285.41	6,227.57	57.84	108.672		
6,100.00	5,789.27	5,945.15	5,920.07	36.54	24.79	121.93	-1,768.59	-5,223.92	6,301.21	6,242.63	58.58	107.567		
6,200.00	5,883.34	6,000.00	5,974.91	37.17	25.02	122.08	-1,768.00	-5,223.11	6,318.19	6,258.83	59.37	106.430		
6,300.00	5,977.41	6,011.77	5,986.68	37.81	25.07	122.11	-1,767.95	-5,223.05	6,336.00	6,276.08	59.92	105.737		
6,400.00	6,071.48	6,081.57	6,056.48	38.44	25.35	122.30	-1,767.93	-5,223.02	6,354.79	6,294.02	60.77	104.578		
6,500.00	6,165.55	6,175.64	6,150.55	39.08	25.72	122.54	-1,767.93	-5,223.02	6,373.77	6,312.04	61.73	103.248		
6,600.00	6,259.62	6,269.71	6,244.62	39.72	26.09	122.79	-1,767.93	-5,223.02	6,392.88	6,330.18	62.70	101.963		
6,677.33	6,332.36	6,342.45	6,317.36	40.21	26.38	122.98	-1,767.93	-5,223.02	6,407.74	6,344.29	63.44	100.998		
6,700.00	6,353.76	6,363.85	6,338.76	40.35	26.47	118.08	-1,767.93	-5,223.02	6,411.71	6,348.05	63.66	100.717		
6,750.00	6,401.37	6,405.94	6,380.83	40.64	26.63	105.30	-1,769.11	-5,223.02	6,417.69	6,353.60	64.09	100.138		
6,800.00	6,449.30	6,449.48	6,424.21	40.89	26.77	90.46	-1,772.76	-5,223.02	6,419.83	6,355.34	64.48	99.556		
6,850.00	6,497.25	6,493.92	6,468.20	41.11	26.92	75.38	-1,779.03	-5,223.02	6,418.09	6,353.23	64.86	98.957		
6,900.00	6,544.95	6,538.70	6,512.08	41.29	27.05	62.03	-1,787.92	-5,223.02	6,412.48	6,347.29	65.18	98.376		
6,950.00	6,592.08	6,583.23	6,555.12	41.45	27.18	51.31	-1,799.30	-5,223.03	6,403.02	6,337.55	65.47	97.795		
7,000.00	6,638.35	6,626.93	6,596.66	41.58	27.29	43.07	-1,812.88	-5,223.03	6,389.78	6,324.06	65.72	97.223		
7,050.00	6,683.50	6,669.26	6,636.08	41.70	27.39	36.81	-1,828.28	-5,223.03	6,372.84	6,306.90	65.94	96.653		
7,100.00	6,727.22	6,709.74	6,672.92	41.81	27.49	31.99	-1,845.03	-5,223.03	6,352.29	6,286.17	66.12	96.077		
7,150.00	6,769.26	6,747.97	6,706.86	41.92	27.56	28.22	-1,862.62	-5,223.04	6,328.27	6,262.01	66.27	95.497		
7,200.00	6,809.36	6,783.64	6,737.69	42.03	27.64	25.21	-1,880.54	-5,223.04	6,300.94	6,234.55	66.39	94.907		
7,250.00	6,847.27	6,816.53	6,765.36	42.15	27.70	22.74	-1,898.33	-5,223.04	6,270.45	6,203.96	66.49	94.303		
7,300.00	6,882.75	6,846.50	6,789.88	42.27	27.74	20.68	-1,915.56	-5,223.04	6,237.00	6,170.43	66.58	93.684		
7,350.00	6,915.58	6,873.48	6,811.36	42.41	27.79	18.91	-1,931.89	-5,223.05	6,200.80	6,134.16	66.64	93.051		
7,400.00	6,945.57	6,897.45	6,829.95	42.57	27.83	17.34	-1,947.02	-5,223.05	6,162.05	6,095.36	66.69	92.404		
7,450.00	6,972.53	6,918.42	6,845.82	42.75	27.86	15.90	-1,960.73	-5,223.05	6,120.99	6,054.27	66.73	91.732		
7,500.00	6,996.30	6,936.45	6,859.15	42.95	27.88	14.51	-1,972.86	-5,223.05	6,077.87	6,011.11	66.76	91.046		
7,550.00	7,016.72	6,951.58	6,870.12	43.17	27.90	13.06	-1,983.28	-5,223.05	6,032.93	5,966.15	66.78	90.346		
7,600.00	7,033.66	6,963.87	6,878.88	43.43	27.92	11.38	-1,991.90	-5,223.06	5,986.44	5,919.65	66.79	89.634		
7,650.00	7,047.04	6,973.39	6,885.57	43.72	27.93	9.15	-1,998.68	-5,223.06	5,938.68	5,871.89	66.79	88.911		
7,700.00	7,056.76	6,980.19	6,890.29	44.05	27.94	5.49	-2,003.57	-5,223.06	5,889.93	5,823.13	66.80	88.177		
7,750.00	7,062.76	6,984.30	6,893.13	44.41	27.95	-2.75	-2,006.55	-5,223.06	5,840.48	5,773.68	66.80	87.436		
7,799.36	7,065.00	6,985.76	6,894.12	44.81	27.95	-37.85	-2,007.61	-5,223.06	5,791.26	5,724.47	66.80	86.698		
7,900.00	7,065.83	6,986.09	6,894.35	45.73	27.95	-37.92	-2,007.85	-5,223.06	5,690.72	5,623.93	66.80	85.192		
8,000.00	7,066.66	6,986.42	6,894.58	46.83	27.95	-38.00	-2,008.09	-5,223.06	5,590.83	5,524.03	66.80	83.695		
8,100.00	7,067.49	6,986.76	6,894.81	48.11	27.95	-38.07	-2,008.33	-5,223.06	5,490.94	5,424.13	66.80	82.196		
8,200.00	7,068.31	6,987.09	6,895.04	49.55	27.95	-38.14	-2,008.57	-5,223.06	5,391.05	5,324.24	66.81	80.696		
8,300.00	7,069.14	6,987.42	6,895.26	51.14	27.95	-38.22	-2,008.81	-5,223.06	5,291.17	5,224.35	66.81	79.195		
8,400.00	7,069.96	6,987.75	6,895.49	52.86	27.95	-38.29	-2,009.05	-5,223.06	5,191.29	5,124.47	66.82	77.692		
8,500.00	7,070.79	6,988.08	6,895.71	54.70	27.95	-38.36	-2,009.30	-5,223.06	5,091.41	5,024.59	66.83	76.189		
8,600.00	7,071.61	6,988.41	6,895.94	56.64	27.95	-38.44	-2,009.54	-5,223.06	4,991.54	4,924.71	66.84	74.684		
8,700.00	7,072.44	6,988.73	6,896.16	58.68	27.95	-38.51	-2,009.78	-5,223.06	4,891.68	4,824.83	66.85	73.177		
8,800.00	7,073.27	6,989.06	6,896.39	60.78	27.95	-38.58	-2,010.01	-5,223.06	4,791.82	4,724.96	66.86	71.670		
8,900.00	7,074.09	6,989.39	6,896.61	62.96	27.95	-38.65	-2,010.25	-5,223.06	4,691.97	4,625.10	66.87	70.162		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1500-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	6,989.72	6,896.83	65.19	27.95	-38.73	-2,010.49	-5,223.06	4,592.12	4,525.23	66.89	68.652		
9,100.00	7,075.74	6,990.04	6,897.06	67.48	27.95	-38.80	-2,010.73	-5,223.06	4,492.28	4,425.38	66.91	67.142		
9,200.00	7,076.57	6,990.37	6,897.28	69.82	27.95	-38.87	-2,010.97	-5,223.06	4,392.45	4,325.53	66.93	65.631		
9,300.00	7,077.40	6,990.69	6,897.50	72.19	27.95	-38.94	-2,011.21	-5,223.06	4,292.63	4,225.68	66.95	64.118		
9,400.00	7,078.22	6,991.02	6,897.72	74.61	27.96	-39.02	-2,011.45	-5,223.06	4,192.81	4,125.84	66.97	62.605		
9,500.00	7,079.05	6,991.34	6,897.94	77.05	27.96	-39.09	-2,011.68	-5,223.06	4,093.01	4,026.01	67.00	61.091		
9,600.00	7,079.87	6,991.67	6,898.16	79.53	27.96	-39.16	-2,011.92	-5,223.06	3,993.21	3,926.18	67.03	59.576		
9,700.00	7,080.70	6,991.99	6,898.39	82.03	27.96	-39.23	-2,012.16	-5,223.06	3,893.42	3,826.36	67.06	58.060		
9,800.00	7,081.53	6,992.32	6,898.60	84.55	27.96	-39.30	-2,012.40	-5,223.06	3,793.65	3,726.55	67.09	56.543		
9,900.00	7,082.35	6,992.64	6,898.82	87.10	27.96	-39.38	-2,012.63	-5,223.06	3,693.88	3,626.75	67.13	55.025		
10,000.00	7,083.18	6,992.96	6,899.04	89.67	27.96	-39.45	-2,012.87	-5,223.06	3,594.13	3,526.96	67.17	53.507		
10,100.00	7,084.00	6,993.28	6,899.26	92.25	27.96	-39.52	-2,013.10	-5,223.06	3,494.40	3,427.18	67.22	51.987		
10,200.00	7,084.83	6,993.60	6,899.48	94.86	27.96	-39.59	-2,013.34	-5,223.06	3,394.68	3,327.41	67.27	50.467		
10,300.00	7,085.65	6,993.92	6,899.70	97.47	27.96	-39.66	-2,013.58	-5,223.06	3,294.97	3,227.65	67.32	48.945		
10,400.00	7,086.48	6,994.24	6,899.91	100.10	27.96	-39.73	-2,013.81	-5,223.06	3,195.29	3,127.91	67.38	47.423		
10,500.00	7,087.31	6,994.56	6,900.13	102.75	27.96	-39.80	-2,014.05	-5,223.06	3,095.62	3,028.18	67.44	45.899		
10,600.00	7,088.13	6,994.88	6,900.35	105.40	27.96	-39.88	-2,014.28	-5,223.06	2,995.98	2,928.47	67.52	44.374		
10,700.00	7,088.96	6,995.20	6,900.56	108.07	27.96	-39.95	-2,014.52	-5,223.06	2,896.36	2,828.77	67.60	42.848		
10,800.00	7,089.78	6,995.52	6,900.78	110.75	27.96	-40.02	-2,014.75	-5,223.06	2,796.77	2,729.09	67.68	41.321		
10,900.00	7,090.61	7,000.00	6,903.80	113.43	27.97	-41.01	-2,018.06	-5,223.06	2,697.22	2,629.37	67.85	39.755		
11,000.00	7,091.44	7,000.00	6,903.80	116.13	27.97	-41.01	-2,018.06	-5,223.06	2,597.69	2,529.73	67.95	38.227		
11,100.00	7,092.26	7,000.00	6,903.80	118.83	27.97	-41.01	-2,018.06	-5,223.06	2,498.20	2,430.12	68.08	36.697		
11,200.00	7,093.09	7,000.00	6,903.80	121.54	27.97	-41.01	-2,018.06	-5,223.06	2,398.75	2,330.54	68.21	35.165		
11,300.00	7,093.91	7,000.00	6,903.80	124.25	27.97	-41.01	-2,018.06	-5,223.06	2,299.35	2,230.99	68.37	33.632		
11,400.00	7,094.74	7,000.00	6,903.80	126.98	27.97	-41.01	-2,018.06	-5,223.06	2,200.01	2,131.46	68.54	32.096		
11,500.00	7,095.57	7,000.00	6,903.80	129.70	27.97	-41.01	-2,018.06	-5,223.06	2,100.73	2,031.98	68.75	30.558		
11,600.00	7,096.39	7,000.00	6,903.80	132.44	27.97	-41.01	-2,018.06	-5,223.06	2,001.52	1,932.54	68.98	29.016		
11,700.00	7,097.22	7,000.00	6,903.80	135.18	27.97	-41.01	-2,018.06	-5,223.06	1,902.39	1,833.14	69.25	27.472		
11,800.00	7,098.04	7,000.00	6,903.80	137.92	27.97	-41.01	-2,018.06	-5,223.06	1,803.36	1,733.79	69.56	25.924		
11,900.00	7,098.87	7,000.00	6,903.80	140.67	27.97	-41.01	-2,018.06	-5,223.06	1,704.44	1,634.51	69.93	24.373		
12,000.00	7,099.69	7,000.00	6,903.80	143.43	27.97	-41.01	-2,018.06	-5,223.06	1,605.65	1,535.28	70.37	22.817		
12,100.00	7,100.52	7,000.00	6,903.80	146.19	27.97	-41.01	-2,018.06	-5,223.06	1,507.03	1,436.13	70.90	21.257		
12,200.00	7,101.35	7,000.00	6,903.80	148.95	27.97	-41.01	-2,018.06	-5,223.06	1,408.60	1,337.06	71.53	19.692		
12,300.00	7,102.17	7,000.00	6,903.80	151.71	27.97	-41.01	-2,018.06	-5,223.06	1,310.40	1,238.09	72.31	18.122		
12,400.00	7,103.00	7,000.00	6,903.80	154.48	27.97	-41.01	-2,018.06	-5,223.06	1,212.51	1,139.23	73.27	16.548		
12,500.00	7,103.82	7,000.00	6,903.80	157.26	27.97	-41.01	-2,018.06	-5,223.06	1,114.98	1,040.50	74.48	14.970		
12,600.00	7,104.65	7,000.00	6,903.80	160.03	27.97	-41.01	-2,018.06	-5,223.06	1,017.94	941.92	76.01	13.391		
12,700.00	7,105.48	7,000.00	6,903.80	162.81	27.97	-41.01	-2,018.06	-5,223.06	921.53	843.53	77.99	11.815		
12,800.00	7,106.30	7,000.00	6,903.80	165.59	27.97	-41.01	-2,018.06	-5,223.06	825.97	745.38	80.59	10.249		
12,900.00	7,107.13	7,000.00	6,903.80	168.38	27.97	-41.01	-2,018.06	-5,223.06	731.60	647.55	84.05	8.704		
13,000.00	7,107.95	7,000.00	6,903.80	171.16	27.97	-41.01	-2,018.06	-5,223.06	638.94	550.20	88.74	7.200		
13,100.00	7,108.78	7,000.00	6,903.80	173.95	27.97	-41.01	-2,018.06	-5,223.06	548.87	453.65	95.22	5.764		
13,200.00	7,109.61	7,000.00	6,903.80	176.74	27.97	-41.01	-2,018.06	-5,223.06	462.90	358.67	104.22	4.441		
13,300.00	7,110.43	7,000.00	6,903.80	179.54	27.97	-41.01	-2,018.06	-5,223.06	383.78	267.17	116.61	3.291		
13,368.87	7,111.00	7,000.00	6,903.80	181.46	27.97	-41.01	-2,018.06	-5,223.06	335.83	208.57	127.27	2.639	CC, ES, SF	

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 2000-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	15.00	-15.00	3.28	3.28	-109.98	-2,047.85	-5,631.69	5,992.47					
100.00	100.00	85.00	85.00	3.28	3.29	-109.98	-2,047.85	-5,631.69	5,992.47	5,985.90	6.57	912.095		
200.00	200.00	185.00	185.00	3.34	3.31	-109.98	-2,047.85	-5,631.69	5,992.47	5,985.82	6.64	902.199		
300.00	299.98	284.98	284.98	3.44	3.34	105.67	-2,047.85	-5,631.69	5,992.94	5,986.16	6.78	884.037		
400.00	399.84	384.84	384.84	3.59	3.39	105.69	-2,047.85	-5,631.69	5,994.35	5,987.38	6.98	859.111		
500.00	499.45	484.45	484.45	3.79	3.45	105.73	-2,047.85	-5,631.69	5,996.72	5,989.49	7.24	828.552		
600.00	598.70	583.70	583.70	4.04	3.52	105.78	-2,047.85	-5,631.69	6,000.06	5,992.50	7.55	794.185		
700.00	697.47	682.47	682.47	4.32	3.61	105.84	-2,047.85	-5,631.69	6,004.37	5,996.44	7.93	757.616		
800.00	795.62	780.62	780.62	4.65	3.70	105.91	-2,047.85	-5,631.69	6,009.67	6,001.33	8.35	720.132		
900.00	893.06	878.06	878.06	5.01	3.80	105.98	-2,047.85	-5,631.69	6,016.00	6,007.19	8.81	682.696		
1,000.00	989.64	974.64	974.64	5.41	3.92	106.07	-2,047.85	-5,631.69	6,023.38	6,014.06	9.32	645.984		
1,100.00	1,085.27	1,070.27	1,070.27	5.85	4.03	106.16	-2,047.85	-5,631.69	6,031.84	6,021.96	9.88	610.447		
1,191.50	1,171.82	1,156.82	1,156.82	6.29	4.15	106.25	-2,047.85	-5,631.69	6,040.55	6,030.13	10.43	579.217		
1,200.00	1,179.82	1,164.82	1,164.82	6.34	4.16	106.28	-2,047.85	-5,631.69	6,041.41	6,030.93	10.48	576.379		
1,300.00	1,273.89	1,258.89	1,258.89	6.85	4.29	106.57	-2,047.85	-5,631.69	6,051.55	6,040.44	11.12	544.378		
1,400.00	1,367.96	1,352.96	1,352.96	7.38	4.42	106.86	-2,047.85	-5,631.69	6,061.87	6,050.09	11.78	514.771		
1,500.00	1,462.03	1,447.03	1,447.03	7.93	4.56	107.15	-2,047.85	-5,631.69	6,072.36	6,059.90	12.46	487.525		
1,600.00	1,556.10	1,541.10	1,541.10	8.49	4.71	107.44	-2,047.85	-5,631.69	6,083.02	6,069.86	13.15	462.524		
1,700.00	1,650.17	1,635.17	1,635.17	9.06	4.86	107.73	-2,047.85	-5,631.69	6,093.85	6,079.98	13.86	439.609		
1,800.00	1,744.24	1,729.24	1,729.24	9.65	5.02	108.01	-2,047.85	-5,631.69	6,104.84	6,090.26	14.58	418.602		
1,900.00	1,838.31	1,823.31	1,823.31	10.23	5.17	108.30	-2,047.85	-5,631.69	6,116.01	6,100.70	15.32	399.331		
2,000.00	1,932.38	1,917.38	1,917.38	10.83	5.33	108.59	-2,047.85	-5,631.69	6,127.35	6,111.29	16.06	381.627		
2,100.00	2,026.45	2,011.45	2,011.45	11.43	5.53	108.88	-2,047.82	-5,631.70	6,138.85	6,122.01	16.83	364.685		
2,200.00	2,120.52	2,105.52	2,105.52	12.03	5.94	109.25	-2,045.00	-5,632.22	6,150.31	6,132.48	17.83	344.863		
2,300.00	2,214.59	2,200.44	2,200.44	12.63	6.36	109.65	-2,037.94	-5,633.53	6,161.68	6,142.85	18.84	327.092		
2,400.00	2,308.66	2,293.50	2,293.50	13.24	6.73	110.01	-2,028.92	-5,635.20	6,173.08	6,153.28	19.80	311.768		
2,500.00	2,402.73	2,387.57	2,387.57	13.86	7.08	110.36	-2,020.28	-5,636.81	6,184.73	6,163.99	20.75	298.080		
2,600.00	2,496.80	2,481.64	2,481.64	14.47	7.45	110.71	-2,011.63	-5,638.41	6,196.65	6,174.95	21.71	285.481		
2,700.00	2,590.87	2,575.71	2,575.71	15.09	7.82	111.05	-2,002.98	-5,640.01	6,208.83	6,186.16	22.67	273.863		
2,800.00	2,684.95	2,669.79	2,669.79	15.71	8.20	111.39	-1,994.33	-5,641.62	6,221.28	6,197.63	23.64	263.133		
2,900.00	2,779.02	2,763.86	2,763.86	16.33	8.66	111.73	-1,985.69	-5,643.22	6,233.98	6,209.28	24.70	252.393		
3,000.00	2,873.09	2,857.93	2,857.93	16.95	8.97	112.07	-1,977.04	-5,644.83	6,246.95	6,221.35	25.60	243.995		
3,100.00	2,967.16	2,951.99	2,951.99	17.57	9.36	112.41	-1,968.39	-5,646.43	6,260.17	6,233.58	26.59	235.443		
3,200.00	3,061.23	3,045.06	3,045.06	18.20	9.75	112.75	-1,959.74	-5,648.03	6,273.65	6,246.07	27.58	227.485		
3,300.00	3,155.30	3,139.13	3,139.13	18.82	10.15	113.09	-1,951.10	-5,649.64	6,287.38	6,258.81	28.57	220.066		
3,400.00	3,249.37	3,233.20	3,233.20	19.45	10.55	113.42	-1,942.45	-5,651.24	6,301.37	6,271.81	29.56	213.138		
3,500.00	3,343.44	3,327.27	3,327.27	20.07	10.96	113.76	-1,933.80	-5,652.85	6,315.61	6,285.05	30.56	206.655		
3,600.00	3,437.51	3,421.34	3,421.34	20.70	11.36	114.09	-1,925.15	-5,654.45	6,330.10	6,298.54	31.56	200.580		
3,700.00	3,531.58	3,515.41	3,515.41	21.33	11.77	114.42	-1,916.50	-5,656.05	6,344.84	6,312.28	32.56	194.878		
3,800.00	3,625.65	3,609.48	3,609.48	21.96	12.18	114.75	-1,907.86	-5,657.66	6,359.82	6,326.26	33.56	189.517		
3,900.00	3,719.72	3,703.55	3,703.55	22.59	12.61	115.08	-1,899.21	-5,659.26	6,375.04	6,340.46	34.58	184.334		
4,000.00	3,813.79	3,797.62	3,797.62	23.22	13.00	115.41	-1,890.56	-5,660.87	6,390.51	6,354.95	35.56	179.710		
4,100.00	3,907.86	3,891.69	3,891.69	23.85	13.41	115.73	-1,881.91	-5,662.47	6,406.23	6,369.66	36.56	175.217		
4,200.00	4,001.93	3,985.76	3,985.76	24.48	13.83	116.06	-1,873.27	-5,664.07	6,422.18	6,384.61	37.56	170.969		
4,300.00	4,096.00	4,079.93	4,079.93	25.11	14.24	116.38	-1,864.62	-5,665.68	6,438.36	6,399.80	38.57	166.948		
4,400.00	4,190.07	4,174.00	4,174.00	25.75	14.66	116.70	-1,855.97	-5,667.28	6,454.79	6,415.22	39.57	163.137		
4,500.00	4,284.14	4,268.07	4,268.07	26.38	15.08	117.02	-1,847.32	-5,668.89	6,471.44	6,430.87	40.57	159.520		
4,600.00	4,378.21	4,362.14	4,362.14	27.01	15.50	117.34	-1,838.68	-5,670.49	6,488.33	6,446.76	41.57	156.085		
4,700.00	4,472.28	4,456.21	4,456.21	27.65	15.92	117.66	-1,830.03	-5,672.09	6,505.45	6,462.88	42.57	152.819		
4,800.00	4,566.35	4,550.28	4,550.28	28.28	16.34	117.98	-1,821.38	-5,673.70	6,522.80	6,479.23	43.57	149.710		
4,900.00	4,660.42	4,644.35	4,644.35	28.91	16.76	118.29	-1,812.73	-5,675.30	6,540.37	6,495.80	44.57	146.747		
5,000.00	4,754.49	4,738.42	4,738.42	29.55	17.23	118.61	-1,804.08	-5,676.91	6,558.17	6,512.55	45.62	143.755		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 2000-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,784.96	4,772.70	30.18	17.60	118.92	-1,795.44	-5,678.51	6,576.19	6,529.63	46.57	141.224		
5,200.00	4,942.63	4,875.61	4,862.92	30.82	18.02	119.23	-1,786.79	-5,680.11	6,594.44	6,546.87	47.56	138.647		
5,300.00	5,036.70	4,976.49	4,963.35	31.45	18.49	119.57	-1,777.46	-5,681.84	6,612.88	6,564.27	48.61	136.041		
5,400.00	5,130.77	5,099.67	5,086.29	32.09	19.04	119.95	-1,770.05	-5,683.22	6,631.19	6,581.43	49.75	133.283		
5,500.00	5,224.84	5,223.25	5,209.84	32.72	19.56	120.29	-1,767.83	-5,683.63	6,649.21	6,598.34	50.87	130.709		
5,600.00	5,318.91	5,317.32	5,303.91	33.36	19.95	120.53	-1,767.83	-5,683.63	6,667.16	6,615.32	51.84	128.604		
5,700.00	5,412.98	5,411.40	5,397.98	33.99	20.34	120.77	-1,767.83	-5,683.63	6,685.24	6,632.43	52.81	126.581		
5,800.00	5,507.06	5,505.47	5,492.06	34.63	20.73	121.01	-1,767.83	-5,683.63	6,703.45	6,649.66	53.79	124.634		
5,900.00	5,601.13	5,599.54	5,586.13	35.26	21.13	121.25	-1,767.83	-5,683.63	6,721.77	6,667.02	54.76	122.759		
6,000.00	5,695.20	5,693.61	5,680.20	35.90	21.52	121.48	-1,767.83	-5,683.63	6,740.22	6,684.49	55.73	120.954		
6,100.00	5,789.27	5,787.68	5,774.27	36.54	21.91	121.72	-1,767.83	-5,683.63	6,758.79	6,702.09	56.69	119.214		
6,200.00	5,883.34	5,881.75	5,868.34	37.17	22.30	121.95	-1,767.83	-5,683.63	6,777.47	6,719.81	57.66	117.535		
6,300.00	5,977.41	5,975.82	5,962.41	37.81	22.70	122.18	-1,767.83	-5,683.63	6,796.28	6,737.64	58.63	115.916		
6,400.00	6,071.48	6,069.89	6,056.48	38.44	23.09	122.41	-1,767.83	-5,683.63	6,815.20	6,755.60	59.60	114.352		
6,500.00	6,165.55	6,163.96	6,150.55	39.08	23.48	122.64	-1,767.83	-5,683.63	6,834.23	6,773.67	60.57	112.841		
6,600.00	6,259.62	6,258.03	6,244.62	39.72	23.88	122.87	-1,767.83	-5,683.63	6,853.38	6,791.85	61.53	111.381		
6,677.33	6,332.36	6,330.77	6,317.36	40.21	24.18	123.05	-1,767.83	-5,683.63	6,868.27	6,805.99	62.28	110.285		
6,700.00	6,353.76	6,352.17	6,338.76	40.35	24.27	118.15	-1,767.83	-5,683.63	6,872.25	6,809.76	62.49	109.966		
6,750.00	6,401.37	6,399.78	6,386.37	40.64	24.47	105.38	-1,767.83	-5,683.63	6,878.23	6,815.27	62.96	109.245		
6,800.00	6,449.30	6,447.71	6,434.30	40.89	24.67	90.58	-1,767.83	-5,683.63	6,880.32	6,816.92	63.41	108.510		
6,850.00	6,497.25	6,495.66	6,482.25	41.11	24.87	75.55	-1,767.83	-5,683.63	6,878.52	6,814.70	63.82	107.774		
6,900.00	6,544.95	6,543.36	6,529.95	41.29	25.07	62.28	-1,767.83	-5,683.63	6,872.84	6,808.63	64.21	107.044		
6,950.00	6,592.08	6,585.91	6,572.35	41.45	25.22	51.62	-1,772.05	-5,683.63	6,863.33	6,798.82	64.50	106.406		
7,000.00	6,638.35	6,631.13	6,617.15	41.58	25.37	43.46	-1,778.12	-5,683.63	6,850.02	6,785.24	64.78	105.751		
7,050.00	6,683.50	6,675.85	6,661.04	41.70	25.51	37.28	-1,786.73	-5,683.63	6,832.99	6,767.98	65.01	105.103		
7,100.00	6,727.22	6,719.48	6,703.29	41.81	25.64	32.56	-1,797.58	-5,683.62	6,812.34	6,747.13	65.22	104.457		
7,150.00	6,769.26	6,761.43	6,743.26	41.92	25.75	28.88	-1,810.27	-5,683.62	6,788.20	6,722.81	65.39	103.816		
7,200.00	6,809.36	6,801.21	6,780.48	42.03	25.86	25.97	-1,824.32	-5,683.62	6,760.71	6,695.17	65.53	103.165		
7,250.00	6,847.27	6,838.41	6,814.57	42.15	25.96	23.61	-1,839.19	-5,683.62	6,730.04	6,664.39	65.65	102.515		
7,300.00	6,882.75	6,872.72	6,845.34	42.27	26.05	21.67	-1,854.37	-5,683.61	6,696.38	6,630.64	65.75	101.853		
7,350.00	6,915.58	6,903.92	6,872.70	42.41	26.12	20.03	-1,869.35	-5,683.61	6,659.95	6,594.13	65.82	101.179		
7,400.00	6,945.57	6,931.86	6,896.67	42.57	26.19	18.62	-1,883.71	-5,683.61	6,620.96	6,555.08	65.89	100.493		
7,450.00	6,972.53	6,956.47	6,917.34	42.75	26.26	17.38	-1,897.07	-5,683.61	6,579.66	6,513.73	65.93	99.794		
7,500.00	6,996.30	6,977.74	6,934.84	42.95	26.31	16.23	-1,909.15	-5,683.61	6,536.30	6,470.33	65.97	99.083		
7,550.00	7,016.72	6,995.66	6,949.32	43.17	26.35	15.10	-1,919.71	-5,683.60	6,491.14	6,425.14	65.99	98.361		
7,600.00	7,033.66	7,010.27	6,960.94	43.43	26.39	13.88	-1,928.56	-5,683.60	6,444.45	6,378.43	66.01	97.624		
7,650.00	7,047.04	7,021.62	6,969.85	43.72	26.42	12.35	-1,935.59	-5,683.60	6,396.51	6,330.48	66.03	96.877		
7,700.00	7,056.76	7,029.73	6,976.16	44.05	26.45	9.91	-1,940.70	-5,683.60	6,347.62	6,281.58	66.04	96.125		
7,750.00	7,062.76	7,034.66	6,979.96	44.41	26.46	4.02	-1,943.83	-5,683.60	6,298.06	6,232.03	66.04	95.368		
7,799.36	7,065.00	7,036.41	6,981.30	44.81	26.47	-38.76	-1,944.95	-5,683.60	6,248.80	6,182.75	66.04	94.619		
7,900.00	7,065.83	7,036.84	6,981.63	45.73	26.47	-38.91	-1,945.23	-5,683.60	6,148.19	6,082.14	66.04	93.093		
8,000.00	7,066.66	7,037.27	6,981.96	46.83	26.47	-39.07	-1,945.50	-5,683.60	6,048.22	5,982.17	66.05	91.575		
8,100.00	7,067.49	7,037.69	6,982.29	48.11	26.47	-39.23	-1,945.77	-5,683.60	5,948.25	5,882.20	66.05	90.057		
8,200.00	7,068.31	7,038.12	6,982.62	49.55	26.47	-39.38	-1,946.05	-5,683.60	5,848.29	5,782.23	66.05	88.537		
8,300.00	7,069.14	7,038.55	6,982.94	51.14	26.47	-39.54	-1,946.32	-5,683.60	5,748.32	5,682.26	66.06	87.016		
8,400.00	7,069.96	7,038.97	6,983.27	52.86	26.47	-39.69	-1,946.60	-5,683.60	5,648.36	5,582.29	66.07	85.493		
8,500.00	7,070.79	7,039.40	6,983.59	54.70	26.47	-39.85	-1,946.87	-5,683.60	5,548.40	5,482.32	66.08	83.970		
8,600.00	7,071.61	7,039.82	6,983.92	56.64	26.47	-40.01	-1,947.14	-5,683.60	5,448.43	5,382.35	66.09	82.445		
8,700.00	7,072.44	7,040.24	6,984.24	58.68	26.48	-40.16	-1,947.41	-5,683.60	5,348.48	5,282.38	66.10	80.920		
8,800.00	7,073.27	7,040.67	6,984.57	60.78	26.48	-40.32	-1,947.69	-5,683.60	5,248.52	5,182.41	66.11	79.393		
8,900.00	7,074.09	7,041.09	6,984.89	62.96	26.48	-40.47	-1,947.96	-5,683.60	5,148.56	5,082.44	66.12	77.866		
9,000.00	7,074.92	7,041.51	6,985.21	65.19	26.48	-40.63	-1,948.23	-5,683.60	5,048.61	4,982.47	66.14	76.338		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 2000-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,041.93	6,985.53	67.48	26.48	-40.78	-1,948.50	-5,683.60	4,948.65	4,882.50	66.15	74.809		
9,200.00	7,076.57	7,042.35	6,985.85	69.82	26.48	-40.94	-1,948.77	-5,683.60	4,848.70	4,782.53	66.17	73.279		
9,300.00	7,077.40	7,042.77	6,986.17	72.19	26.48	-41.09	-1,949.04	-5,683.60	4,748.75	4,682.57	66.19	71.749		
9,400.00	7,078.22	7,043.19	6,986.49	74.61	26.48	-41.25	-1,949.31	-5,683.60	4,648.81	4,582.60	66.21	70.218		
9,500.00	7,079.05	7,043.61	6,986.81	77.05	26.48	-41.40	-1,949.58	-5,683.60	4,548.86	4,482.63	66.23	68.686		
9,600.00	7,079.87	7,044.02	6,987.13	79.53	26.49	-41.56	-1,949.86	-5,683.60	4,448.92	4,382.67	66.25	67.154		
9,700.00	7,080.70	7,044.44	6,987.45	82.03	26.49	-41.71	-1,950.12	-5,683.60	4,348.98	4,282.71	66.27	65.621		
9,800.00	7,081.53	7,044.86	6,987.76	84.55	26.49	-41.87	-1,950.39	-5,683.60	4,249.04	4,182.74	66.30	64.088		
9,900.00	7,082.35	7,045.27	6,988.08	87.10	26.49	-42.02	-1,950.66	-5,683.60	4,149.11	4,082.78	66.33	62.554		
10,000.00	7,083.18	7,045.69	6,988.39	89.67	26.49	-42.17	-1,950.93	-5,683.60	4,049.18	3,982.82	66.36	61.020		
10,100.00	7,084.00	7,046.10	6,988.71	92.25	26.49	-42.33	-1,951.20	-5,683.60	3,949.25	3,882.86	66.39	59.486		
10,200.00	7,084.83	7,046.51	6,989.02	94.86	26.49	-42.48	-1,951.47	-5,683.60	3,849.33	3,782.91	66.42	57.952		
10,300.00	7,085.65	7,046.93	6,989.34	97.47	26.49	-42.64	-1,951.74	-5,683.60	3,749.41	3,682.95	66.46	56.417		
10,400.00	7,086.48	7,047.34	6,989.65	100.10	26.50	-42.79	-1,952.01	-5,683.60	3,649.49	3,583.00	66.50	54.882		
10,500.00	7,087.31	7,047.75	6,989.96	102.75	26.50	-42.94	-1,952.28	-5,683.60	3,549.58	3,483.05	66.54	53.347		
10,600.00	7,088.13	7,048.16	6,990.27	105.40	26.50	-43.10	-1,952.54	-5,683.60	3,449.68	3,383.10	66.58	51.811		
10,700.00	7,088.96	7,048.57	6,990.58	108.07	26.50	-43.25	-1,952.81	-5,683.60	3,349.78	3,283.15	66.63	50.276		
10,800.00	7,089.78	7,048.98	6,990.89	110.75	26.50	-43.40	-1,953.08	-5,683.60	3,249.89	3,183.21	66.68	48.740		
10,900.00	7,090.61	7,049.39	6,991.20	113.43	26.50	-43.56	-1,953.34	-5,683.60	3,150.00	3,083.27	66.73	47.204		
11,000.00	7,091.44	7,049.79	6,991.51	116.13	26.50	-43.71	-1,953.61	-5,683.60	3,050.12	2,983.33	66.79	45.668		
11,100.00	7,092.26	7,050.20	6,991.82	118.83	26.50	-43.86	-1,953.88	-5,683.60	2,950.25	2,883.40	66.85	44.132		
11,200.00	7,093.09	7,050.61	6,992.13	121.54	26.50	-44.01	-1,954.14	-5,683.60	2,850.39	2,783.47	66.92	42.595		
11,300.00	7,093.91	7,051.02	6,992.43	124.25	26.51	-44.17	-1,954.41	-5,683.60	2,750.54	2,683.54	66.99	41.059		
11,400.00	7,094.74	7,051.42	6,992.74	126.98	26.51	-44.32	-1,954.67	-5,683.60	2,650.69	2,583.62	67.07	39.522		
11,500.00	7,095.57	7,051.83	6,993.05	129.70	26.51	-44.47	-1,954.94	-5,683.60	2,550.87	2,483.71	67.16	37.984		
11,600.00	7,096.39	7,052.23	6,993.35	132.44	26.51	-44.62	-1,955.21	-5,683.60	2,451.05	2,383.80	67.25	36.447		
11,700.00	7,097.22	7,052.63	6,993.65	135.18	26.51	-44.77	-1,955.47	-5,683.60	2,351.25	2,283.90	67.35	34.909		
11,800.00	7,098.04	7,053.04	6,993.96	137.92	26.51	-44.93	-1,955.73	-5,683.60	2,251.47	2,184.00	67.47	33.370		
11,900.00	7,098.87	7,053.44	6,994.26	140.67	26.51	-45.08	-1,956.00	-5,683.60	2,151.71	2,084.11	67.60	31.830		
12,000.00	7,099.69	7,053.84	6,994.56	143.43	26.51	-45.23	-1,956.26	-5,683.60	2,051.97	1,984.23	67.74	30.290		
12,100.00	7,100.52	7,054.24	6,994.87	146.19	26.51	-45.38	-1,956.53	-5,683.60	1,952.26	1,884.35	67.91	28.748		
12,200.00	7,101.35	7,054.64	6,995.17	148.95	26.52	-45.53	-1,956.79	-5,683.60	1,852.58	1,784.48	68.10	27.205		
12,300.00	7,102.17	7,055.04	6,995.47	151.71	26.52	-45.68	-1,957.05	-5,683.60	1,752.94	1,684.62	68.31	25.660		
12,400.00	7,103.00	7,055.44	6,995.77	154.48	26.52	-45.83	-1,957.32	-5,683.60	1,653.33	1,584.77	68.56	24.113		
12,500.00	7,103.82	7,055.84	6,996.07	157.26	26.52	-45.98	-1,957.58	-5,683.60	1,553.78	1,484.92	68.86	22.564		
12,600.00	7,104.65	7,056.24	6,996.37	160.03	26.52	-46.13	-1,957.84	-5,683.60	1,454.30	1,385.08	69.21	21.011		
12,700.00	7,105.48	7,056.63	6,996.67	162.81	26.52	-46.28	-1,958.10	-5,683.60	1,354.88	1,285.24	69.64	19.455		
12,800.00	7,106.30	7,057.03	6,996.96	165.59	26.52	-46.43	-1,958.37	-5,683.60	1,255.56	1,185.40	70.16	17.895		
12,900.00	7,107.13	7,057.43	6,997.26	168.38	26.52	-46.58	-1,958.63	-5,683.60	1,156.36	1,085.54	70.81	16.330		
13,000.00	7,107.95	7,057.82	6,997.56	171.16	26.52	-46.73	-1,958.89	-5,683.60	1,057.31	985.67	71.64	14.759		
13,100.00	7,108.78	7,058.22	6,997.85	173.95	26.53	-46.88	-1,959.15	-5,683.60	958.45	885.74	72.71	13.182		
13,200.00	7,109.61	7,058.61	6,998.15	176.74	26.53	-47.03	-1,959.41	-5,683.60	859.86	785.73	74.13	11.599		
13,300.00	7,110.43	7,059.00	6,998.44	179.54	26.53	-47.17	-1,959.67	-5,683.60	761.63	685.57	76.06	10.013		
13,368.87	7,111.00	7,059.27	6,998.65	181.46	26.53	-47.28	-1,959.85	-5,683.60	694.28	616.45	77.83	8.921 CC, ES, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-10.37	1,508.59	-276.14	1,536.53					
100.00	100.00	6.00	6.00	3.28	3.28	-10.37	1,508.59	-276.14	1,533.65	1,527.09	6.57	233.562		
200.00	200.00	106.00	106.00	3.34	3.82	-10.37	1,508.59	-276.14	1,533.65	1,526.50	7.16	214.334 CC		
300.00	299.98	205.98	205.98	3.44	6.36	-154.74	1,508.59	-276.14	1,535.23	1,525.43	9.80	156.699 ES		
400.00	399.84	305.84	305.84	3.59	9.51	-154.78	1,508.59	-276.14	1,539.97	1,526.86	13.11	117.485		
500.00	499.45	405.45	405.45	3.79	12.84	-154.85	1,508.59	-276.14	1,547.86	1,531.23	16.63	93.083		
600.00	598.70	504.70	504.70	4.04	16.21	-154.95	1,508.59	-276.14	1,558.91	1,538.66	20.25	77.001		
700.00	697.47	603.47	603.47	4.32	19.60	-155.07	1,508.59	-276.14	1,573.12	1,549.21	23.91	65.784		
800.00	795.62	701.62	701.62	4.65	22.98	-155.21	1,508.59	-276.14	1,590.49	1,562.88	27.61	57.607		
900.00	893.06	800.94	799.06	5.01	26.42	-155.37	1,508.59	-276.14	1,611.01	1,579.63	31.38	51.332		
1,000.00	989.64	904.36	895.64	5.41	30.01	-155.54	1,508.59	-276.14	1,634.69	1,599.36	35.33	46.267		
1,100.00	1,085.27	1,008.73	991.27	5.85	33.63	-155.73	1,508.59	-276.14	1,661.52	1,622.18	39.34	42.234		
1,191.50	1,171.82	1,077.82	1,077.82	6.29	36.03	-155.91	1,508.59	-276.14	1,688.82	1,646.71	42.11	40.104		
1,200.00	1,179.82	1,085.82	1,085.82	6.34	36.31	-155.95	1,508.59	-276.14	1,691.48	1,649.05	42.43	39.866		
1,300.00	1,273.89	1,179.89	1,179.89	6.85	39.58	-156.40	1,508.59	-276.14	1,722.81	1,676.70	46.11	37.364		
1,400.00	1,367.96	1,273.96	1,273.96	7.38	42.85	-156.84	1,508.59	-276.14	1,754.23	1,704.43	49.80	35.223		
1,500.00	1,462.03	1,368.03	1,368.03	7.93	46.13	-157.26	1,508.59	-276.14	1,785.75	1,732.23	53.51	33.372		
1,600.00	1,556.10	1,462.10	1,462.10	8.49	49.41	-157.67	1,508.59	-276.14	1,817.35	1,760.12	57.23	31.756		
1,700.00	1,650.17	1,556.17	1,556.17	9.06	52.68	-158.07	1,508.59	-276.14	1,849.03	1,788.08	60.95	30.335		
1,800.00	1,744.24	1,650.24	1,650.24	9.65	55.96	-158.45	1,508.59	-276.14	1,880.79	1,816.11	64.69	29.075		
1,900.00	1,838.31	1,744.31	1,744.31	10.23	59.24	-158.82	1,508.59	-276.14	1,912.63	1,844.21	68.42	27.952		
2,000.00	1,932.38	1,838.38	1,838.38	10.83	62.52	-159.18	1,508.59	-276.14	1,944.54	1,872.37	72.17	26.945		
2,100.00	2,026.45	1,932.45	1,932.45	11.43	65.80	-159.53	1,508.59	-276.14	1,976.51	1,900.60	75.91	26.036		
2,200.00	2,120.52	2,026.52	2,026.52	12.03	69.08	-159.87	1,508.59	-276.14	2,008.55	1,928.89	79.67	25.212		
2,300.00	2,214.59	2,120.59	2,120.59	12.63	72.36	-160.19	1,508.59	-276.14	2,040.65	1,957.23	83.42	24.463		
2,400.00	2,308.66	2,214.66	2,214.66	13.24	75.64	-160.51	1,508.59	-276.14	2,072.81	1,985.63	87.17	23.778		
2,500.00	2,402.73	2,308.73	2,308.73	13.86	78.92	-160.81	1,508.59	-276.14	2,105.02	2,014.09	90.93	23.149		
2,600.00	2,496.80	2,402.80	2,402.80	14.47	82.20	-161.11	1,508.59	-276.14	2,137.29	2,042.59	94.69	22.571		
2,700.00	2,590.87	2,503.13	2,496.87	15.09	85.70	-161.40	1,508.59	-276.14	2,169.60	2,070.93	98.67	21.988		
2,800.00	2,684.95	2,609.05	2,590.95	15.71	89.40	-161.68	1,508.59	-276.14	2,201.97	2,099.12	102.85	21.410		
2,900.00	2,779.02	2,685.02	2,685.02	16.33	92.05	-161.95	1,508.59	-276.14	2,234.38	2,128.40	105.98	21.082		
3,000.00	2,873.09	2,779.09	2,779.09	16.95	95.33	-162.21	1,508.59	-276.14	2,266.83	2,157.09	109.75	20.655		
3,100.00	2,967.16	2,873.16	2,873.16	17.57	98.61	-162.47	1,508.59	-276.14	2,299.33	2,185.82	113.52	20.256		
3,200.00	3,061.23	2,967.23	2,967.23	18.20	101.89	-162.72	1,508.59	-276.14	2,331.87	2,214.59	117.28	19.882		
3,300.00	3,155.30	3,061.30	3,061.30	18.82	105.18	-162.96	1,508.59	-276.14	2,364.45	2,243.40	121.05	19.533		
3,400.00	3,249.37	3,155.37	3,155.37	19.45	108.46	-163.20	1,508.59	-276.14	2,397.06	2,272.24	124.82	19.204		
3,500.00	3,343.44	3,249.44	3,249.44	20.07	111.74	-163.43	1,508.59	-276.14	2,429.71	2,301.12	128.59	18.895		
3,600.00	3,437.51	3,343.51	3,343.51	20.70	115.02	-163.65	1,508.59	-276.14	2,462.40	2,330.04	132.36	18.604		
3,700.00	3,531.58	3,437.58	3,437.58	21.33	118.31	-163.87	1,508.59	-276.14	2,495.11	2,358.98	136.13	18.329		
3,800.00	3,625.65	3,531.65	3,531.65	21.96	121.59	-164.09	1,508.59	-276.14	2,527.86	2,387.96	139.90	18.069		
3,900.00	3,719.72	3,625.72	3,625.72	22.59	124.87	-164.29	1,508.59	-276.14	2,560.64	2,416.97	143.68	17.822		
4,000.00	3,813.79	3,719.79	3,719.79	23.22	128.15	-164.50	1,508.59	-276.14	2,593.45	2,446.00	147.45	17.589		
4,100.00	3,907.86	3,813.86	3,813.86	23.85	131.44	-164.69	1,508.59	-276.14	2,626.29	2,475.07	151.22	17.367		
4,200.00	4,001.93	3,907.93	3,907.93	24.48	134.72	-164.88	1,508.59	-276.14	2,659.16	2,504.16	155.00	17.156		
4,300.00	4,096.00	4,002.00	4,002.00	25.11	138.00	-165.07	1,508.59	-276.14	2,692.05	2,533.28	158.77	16.956		
4,400.00	4,190.07	4,103.93	4,096.07	25.75	141.56	-165.26	1,508.59	-276.14	2,724.96	2,562.15	162.82	16.736		
4,500.00	4,284.14	4,209.86	4,190.14	26.38	145.26	-165.43	1,508.59	-276.14	2,757.90	2,590.90	167.00	16.514		
4,600.00	4,378.21	4,284.21	4,284.21	27.01	147.85	-165.61	1,508.59	-276.14	2,790.87	2,620.78	170.09	16.408		
4,700.00	4,472.28	4,378.28	4,378.28	27.65	151.14	-165.78	1,508.59	-276.14	2,823.86	2,649.99	173.87	16.242		
4,800.00	4,566.35	4,472.35	4,472.35	28.28	154.42	-165.95	1,508.59	-276.14	2,856.87	2,679.22	177.64	16.082		
4,900.00	4,660.42	4,566.42	4,566.42	28.91	157.70	-166.11	1,508.59	-276.14	2,889.90	2,708.48	181.42	15.930		
5,000.00	4,754.49	4,660.49	4,660.49	29.55	160.99	-166.27	1,508.59	-276.14	2,922.95	2,737.75	185.19	15.783		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,754.56	4,754.56	30.18	164.27	-166.42	1,508.59	-276.14	2,956.02	2,767.05	188.97	15.643		
5,200.00	4,942.63	4,848.63	4,848.63	30.82	167.55	-166.58	1,508.59	-276.14	2,989.11	2,796.36	192.74	15.508		
5,300.00	5,036.70	4,942.70	4,942.70	31.45	170.84	-166.72	1,508.59	-276.14	3,022.21	2,825.69	196.52	15.379		
5,400.00	5,130.77	5,036.77	5,036.77	32.09	174.12	-166.87	1,508.59	-276.14	3,055.34	2,855.04	200.30	15.254		
5,500.00	5,224.84	5,130.84	5,130.84	32.72	177.40	-167.01	1,508.59	-276.14	3,088.48	2,884.41	204.07	15.134		
5,600.00	5,318.91	5,224.91	5,224.91	33.36	180.69	-167.15	1,508.59	-276.14	3,121.64	2,913.79	207.85	15.019		
5,700.00	5,412.98	5,318.98	5,318.98	33.99	183.97	-167.29	1,508.59	-276.14	3,154.82	2,943.19	211.63	14.907		
5,800.00	5,507.06	5,413.06	5,413.06	34.63	187.25	-167.42	1,508.59	-276.14	3,188.01	2,972.61	215.41	14.800		
5,900.00	5,601.13	5,507.13	5,507.13	35.26	190.54	-167.55	1,508.59	-276.14	3,221.22	3,002.04	219.18	14.696		
6,000.00	5,695.20	5,601.20	5,601.20	35.90	193.82	-167.68	1,508.59	-276.14	3,254.44	3,031.48	222.96	14.596		
6,100.00	5,789.27	5,704.73	5,695.27	36.54	197.43	-167.81	1,508.59	-276.14	3,287.68	3,060.61	227.07	14.479		
6,200.00	5,883.34	5,789.34	5,789.34	37.17	200.39	-167.93	1,508.59	-276.14	3,320.93	3,090.41	230.52	14.406		
6,300.00	5,977.41	5,883.41	5,883.41	37.81	203.67	-168.05	1,508.59	-276.14	3,354.19	3,119.90	234.30	14.316		
6,400.00	6,071.48	5,977.48	5,977.48	38.44	206.95	-168.17	1,508.59	-276.14	3,387.47	3,149.39	238.07	14.229		
6,500.00	6,165.55	6,071.55	6,071.55	39.08	210.24	-168.29	1,508.59	-276.14	3,420.76	3,178.90	241.85	14.144		
6,600.00	6,259.62	6,165.62	6,165.62	39.72	213.52	-168.40	1,508.59	-276.14	3,454.06	3,208.43	245.63	14.062		
6,677.33	6,332.36	6,238.36	6,238.36	40.21	216.06	-168.49	1,508.59	-276.14	3,479.82	3,231.26	248.55	14.000		
6,700.00	6,353.76	6,259.76	6,259.76	40.35	216.81	-174.11	1,508.59	-276.14	3,487.22	3,237.81	249.41	13.982		
6,750.00	6,401.37	6,307.37	6,307.37	40.64	218.47	171.69	1,508.59	-276.14	3,502.47	3,251.16	251.31	13.937		
6,800.00	6,449.30	6,355.30	6,355.30	40.89	220.14	155.67	1,508.59	-276.14	3,516.14	3,262.93	253.21	13.886		
6,850.00	6,497.25	6,403.25	6,403.25	41.11	221.82	139.66	1,508.59	-276.14	3,528.17	3,273.07	255.10	13.830		
6,900.00	6,544.95	6,450.95	6,450.95	41.29	223.48	125.61	1,508.59	-276.14	3,538.51	3,281.54	256.98	13.770		
6,950.00	6,592.08	6,501.93	6,498.08	41.45	225.26	114.42	1,508.59	-276.14	3,547.12	3,288.17	258.95	13.698		
7,000.00	6,638.35	6,544.35	6,544.35	41.58	226.74	105.94	1,508.59	-276.14	3,554.00	3,293.37	260.63	13.636		
7,050.00	6,683.50	6,589.50	6,589.50	41.70	228.32	99.63	1,508.59	-276.14	3,559.14	3,296.75	262.39	13.564		
7,100.00	6,727.22	6,633.22	6,633.22	41.81	229.84	94.98	1,508.59	-276.14	3,562.57	3,298.47	264.10	13.489		
7,150.00	6,769.26	6,675.26	6,675.26	41.92	231.31	91.57	1,508.59	-276.14	3,564.33	3,298.57	265.76	13.412		
7,200.00	6,809.36	6,715.36	6,715.36	42.03	232.71	89.10	1,508.59	-276.14	3,564.49	3,297.13	267.36	13.332		
7,250.00	6,847.27	6,753.27	6,753.27	42.15	234.03	87.35	1,508.59	-276.14	3,563.10	3,294.21	268.89	13.251		
7,300.00	6,882.75	6,788.75	6,788.75	42.27	235.27	86.17	1,508.59	-276.14	3,560.25	3,289.88	270.36	13.168		
7,350.00	6,915.58	6,821.58	6,821.58	42.41	236.42	85.45	1,508.59	-276.14	3,556.02	3,284.25	271.77	13.085		
7,400.00	6,945.57	6,851.57	6,851.57	42.57	237.47	85.10	1,508.59	-276.14	3,550.52	3,277.41	273.12	13.000		
7,450.00	6,972.53	6,878.53	6,878.53	42.75	238.41	85.06	1,508.59	-276.14	3,543.85	3,269.45	274.40	12.915		
7,500.00	6,996.30	6,902.30	6,902.30	42.95	239.24	85.28	1,508.59	-276.14	3,536.11	3,260.50	275.61	12.830		
7,550.00	7,016.72	6,922.72	6,922.72	43.17	239.95	85.70	1,508.59	-276.14	3,527.41	3,250.65	276.76	12.745		
7,600.00	7,033.66	6,939.66	6,939.66	43.43	240.54	86.29	1,508.59	-276.14	3,517.86	3,240.01	277.85	12.661		
7,650.00	7,047.04	6,953.04	6,953.04	43.72	241.01	87.03	1,508.59	-276.14	3,507.55	3,228.69	278.86	12.578		
7,700.00	7,056.76	6,962.76	6,962.76	44.05	241.35	87.89	1,508.59	-276.14	3,496.59	3,216.80	279.80	12.497		
7,750.00	7,062.76	6,968.76	6,968.76	44.41	241.56	88.85	1,508.59	-276.14	3,485.08	3,204.42	280.65	12.418		
7,799.36	7,065.00	6,971.00	6,971.00	44.81	241.63	89.88	1,508.59	-276.14	3,473.24	3,191.83	281.41	12.342		
7,900.00	7,065.83	6,971.83	6,971.83	45.73	241.66	89.90	1,508.59	-276.14	3,450.07	3,167.11	282.96	12.193		
8,000.00	7,066.66	6,972.66	6,972.66	46.83	241.69	89.91	1,508.59	-276.14	3,429.81	3,145.14	284.67	12.048		
8,100.00	7,067.49	6,973.49	6,973.49	48.11	241.72	89.92	1,508.59	-276.14	3,412.37	3,125.82	286.54	11.909		
8,200.00	7,068.31	6,974.31	6,974.31	49.55	241.75	89.94	1,508.59	-276.14	3,397.78	3,109.23	288.55	11.776		
8,300.00	7,069.14	6,975.14	6,975.14	51.14	241.78	89.95	1,508.59	-276.14	3,386.08	3,095.41	290.66	11.649		
8,400.00	7,069.96	6,975.96	6,975.96	52.86	241.81	89.97	1,508.59	-276.14	3,377.30	3,084.42	292.88	11.531		
8,500.00	7,070.79	6,976.79	6,976.79	54.70	241.84	89.98	1,508.59	-276.14	3,371.47	3,076.30	295.16	11.422		
8,600.00	7,071.61	6,977.61	6,977.61	56.64	241.87	89.99	1,508.59	-276.14	3,368.59	3,071.09	297.51	11.323		
8,646.83	7,072.00	6,978.00	6,978.00	57.59	241.88	90.00	1,508.59	-276.14	3,368.27	3,069.64	298.63	11.279		
8,700.00	7,072.44	6,978.44	6,978.44	58.68	241.89	90.01	1,508.59	-276.14	3,368.69	3,068.80	299.89	11.233		
8,800.00	7,073.27	6,979.27	6,979.27	60.78	241.92	90.02	1,508.59	-276.14	3,371.75	3,069.46	302.29	11.154		
8,900.00	7,074.09	6,980.09	6,980.09	62.96	241.95	90.04	1,508.59	-276.14	3,377.77	3,073.07	304.70	11.086		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	6,980.92	6,980.92	65.19	241.98	90.05	1,508.59	-276.14	3,386.73	3,079.63	307.10	11.028		
9,100.00	7,075.74	6,981.74	6,981.74	67.48	242.01	90.06	1,508.59	-276.14	3,398.61	3,089.13	309.49	10.981		
9,200.00	7,076.57	6,982.57	6,982.57	69.82	242.04	90.08	1,508.59	-276.14	3,413.39	3,101.54	311.84	10.946		
9,300.00	7,077.40	6,983.40	6,983.40	72.19	242.07	90.09	1,508.59	-276.14	3,431.01	3,116.85	314.16	10.921		
9,400.00	7,078.22	6,984.22	6,984.22	74.61	242.10	90.11	1,508.59	-276.14	3,451.44	3,135.02	316.43	10.908		
9,500.00	7,079.05	6,985.05	6,985.05	77.05	242.13	90.12	1,508.59	-276.14	3,474.63	3,155.99	318.64	10.905 SF		
9,600.00	7,079.87	6,985.87	6,985.87	79.53	242.15	90.13	1,508.59	-276.14	3,500.53	3,179.74	320.79	10.912		
9,700.00	7,080.70	6,986.70	6,986.70	82.03	242.18	90.15	1,508.59	-276.14	3,529.07	3,206.19	322.88	10.930		
9,800.00	7,081.53	6,987.53	6,987.53	84.55	242.21	90.16	1,508.59	-276.14	3,560.19	3,235.29	324.90	10.958		
9,900.00	7,082.35	6,988.35	6,988.35	87.10	242.24	90.18	1,508.59	-276.14	3,593.82	3,266.98	326.84	10.996		
10,000.00	7,083.18	6,989.18	6,989.18	89.67	242.27	90.19	1,508.59	-276.14	3,629.90	3,301.19	328.71	11.043		
10,100.00	7,084.00	7,010.00	6,990.00	92.25	243.00	90.20	1,508.59	-276.14	3,668.35	3,337.15	331.20	11.076		
10,200.00	7,084.83	7,009.17	6,990.83	94.86	242.97	90.22	1,508.59	-276.14	3,709.10	3,376.23	332.86	11.143		
10,300.00	7,085.65	7,008.35	6,991.65	97.47	242.94	90.23	1,508.59	-276.14	3,752.07	3,417.62	334.45	11.219		
10,400.00	7,086.48	7,007.52	6,992.48	100.10	242.91	90.25	1,508.59	-276.14	3,797.19	3,461.23	335.95	11.303		
10,500.00	7,087.31	7,006.69	6,993.31	102.75	242.88	90.26	1,508.59	-276.14	3,844.38	3,507.00	337.38	11.395		
10,600.00	7,088.13	7,005.87	6,994.13	105.40	242.85	90.27	1,508.59	-276.14	3,893.56	3,554.83	338.74	11.494		
10,700.00	7,088.96	7,005.04	6,994.96	108.07	242.82	90.29	1,508.59	-276.14	3,944.67	3,604.65	340.02	11.601		
10,800.00	7,089.78	7,004.22	6,995.78	110.75	242.79	90.30	1,508.59	-276.14	3,997.63	3,656.39	341.24	11.715		
10,900.00	7,090.61	7,003.39	6,996.61	113.43	242.77	90.32	1,508.59	-276.14	4,052.36	3,709.98	342.38	11.836		
11,000.00	7,091.44	7,002.56	6,997.44	116.13	242.74	90.33	1,508.59	-276.14	4,108.80	3,765.34	343.46	11.963		
11,100.00	7,092.26	7,001.74	6,998.26	118.83	242.71	90.34	1,508.59	-276.14	4,166.88	3,822.40	344.48	12.096		
11,200.00	7,093.09	7,000.91	6,999.09	121.54	242.68	90.36	1,508.59	-276.14	4,226.52	3,881.08	345.44	12.235		
11,300.00	7,093.91	7,000.09	6,999.91	124.25	242.65	90.37	1,508.59	-276.14	4,287.66	3,941.33	346.33	12.380		
11,400.00	7,094.74	7,000.74	7,000.74	126.98	242.67	90.39	1,508.59	-276.14	4,350.25	4,003.02	347.23	12.528		
11,500.00	7,095.57	7,001.57	7,001.57	129.70	242.70	90.40	1,508.59	-276.14	4,414.21	4,066.13	348.08	12.682		
11,600.00	7,096.39	7,002.39	7,002.39	132.44	242.73	90.41	1,508.59	-276.14	4,479.49	4,130.61	348.88	12.840		
11,700.00	7,097.22	7,003.22	7,003.22	135.18	242.76	90.43	1,508.59	-276.14	4,546.03	4,196.41	349.63	13.002		
11,800.00	7,098.04	7,004.04	7,004.04	137.92	242.79	90.44	1,508.59	-276.14	4,613.79	4,263.45	350.34	13.170		
11,900.00	7,098.87	7,004.87	7,004.87	140.67	242.82	90.46	1,508.59	-276.14	4,682.69	4,331.69	351.00	13.341		
12,000.00	7,099.69	7,005.69	7,005.69	143.43	242.85	90.47	1,508.59	-276.14	4,752.72	4,401.08	351.63	13.516		
12,100.00	7,100.52	7,006.52	7,006.52	146.19	242.87	90.49	1,508.59	-276.14	4,823.77	4,471.56	352.21	13.696		
12,200.00	7,101.35	7,007.35	7,007.35	148.95	242.90	90.50	1,508.59	-276.14	4,895.85	4,543.09	352.76	13.879		
12,300.00	7,102.17	7,008.17	7,008.17	151.71	242.93	90.51	1,508.59	-276.14	4,968.90	4,615.62	353.28	14.065		
12,400.00	7,103.00	7,009.00	7,009.00	154.48	242.96	90.53	1,508.59	-276.14	5,042.87	4,689.10	353.77	14.255		
12,500.00	7,103.82	7,009.82	7,009.82	157.26	242.99	90.54	1,508.59	-276.14	5,117.73	4,763.50	354.22	14.448		
12,600.00	7,104.65	7,010.65	7,010.65	160.03	243.02	90.56	1,508.59	-276.14	5,193.43	4,838.77	354.65	14.644		
12,700.00	7,105.48	7,011.48	7,011.48	162.81	243.05	90.57	1,508.59	-276.14	5,269.94	4,914.88	355.06	14.843		
12,800.00	7,106.30	7,012.30	7,012.30	165.59	243.08	90.58	1,508.59	-276.14	5,347.23	4,991.79	355.44	15.044		
12,900.00	7,107.13	7,013.13	7,013.13	168.38	243.11	90.60	1,508.59	-276.14	5,425.26	5,069.47	355.79	15.248		
13,000.00	7,107.95	7,013.95	7,013.95	171.16	243.13	90.61	1,508.59	-276.14	5,504.00	5,147.87	356.12	15.455		
13,100.00	7,108.78	7,014.78	7,014.78	173.95	243.16	90.63	1,508.59	-276.14	5,583.42	5,226.98	356.44	15.664		
13,200.00	7,109.61	7,015.61	7,015.61	176.74	243.19	90.64	1,508.59	-276.14	5,663.49	5,306.76	356.73	15.876		
13,300.00	7,110.43	7,016.43	7,016.43	179.54	243.22	90.65	1,508.59	-276.14	5,744.19	5,387.18	357.01	16.090		
13,368.87	7,111.00	7,017.00	7,017.00	181.46	243.24	90.66	1,508.59	-276.14	5,800.11	5,442.92	357.19	16.238		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-126.17	-2,235.19	-3,057.42	3,787.36					
100.00	100.00	77.68	77.68	3.28	3.28	-126.17	-2,235.32	-3,057.43	3,787.43	3,780.86	6.57	576.565		
200.00	200.00	218.43	218.43	3.34	3.36	-126.18	-2,235.53	-3,056.73	3,787.12	3,780.42	6.70	565.556		
300.00	299.98	302.98	302.98	3.44	3.45	89.51	-2,235.11	-3,056.35	3,786.45	3,779.55	6.89	549.227		
389.61	389.48	373.61	373.60	3.58	3.56	89.57	-2,234.78	-3,056.42	3,786.23	3,779.10	7.13	530.829		
400.00	399.84	381.78	381.78	3.59	3.57	89.58	-2,234.77	-3,056.43	3,786.23	3,779.07	7.16	528.506		
500.00	499.45	519.22	519.21	3.79	3.85	89.77	-2,234.27	-3,056.05	3,785.73	3,778.09	7.63	495.857		
600.00	598.70	588.10	588.09	4.04	4.01	89.91	-2,233.98	-3,055.85	3,785.20	3,777.16	8.04	470.829		
700.00	697.47	721.41	721.39	4.32	4.36	90.24	-2,233.21	-3,055.39	3,784.57	3,775.89	8.68	436.099		
800.00	795.62	792.88	792.86	4.65	4.57	90.47	-2,232.65	-3,055.22	3,784.03	3,774.82	9.21	410.833		
900.00	893.06	909.84	909.82	5.01	4.93	90.87	-2,232.19	-3,054.82	3,783.79	3,773.86	9.94	380.801		
1,000.00	989.64	997.98	997.96	5.41	5.21	91.22	-2,232.11	-3,054.16	3,783.59	3,772.96	10.63	356.065		
1,000.99	990.60	998.87	998.85	5.42	5.22	91.22	-2,232.11	-3,054.16	3,783.59	3,772.96	10.63	355.823		
1,100.00	1,085.27	1,087.69	1,087.67	5.85	5.52	91.61	-2,232.07	-3,053.64	3,783.81	3,772.44	11.37	332.752		
1,191.50	1,171.82	1,168.87	1,168.85	6.29	5.80	91.99	-2,232.06	-3,053.29	3,784.44	3,772.35	12.09	312.940		
1,200.00	1,179.82	1,176.37	1,176.35	6.34	5.83	92.03	-2,232.06	-3,053.26	3,784.53	3,772.36	12.16	311.181		
1,300.00	1,273.89	1,264.56	1,264.54	6.85	6.14	92.48	-2,232.09	-3,053.03	3,785.73	3,772.74	12.99	291.431		
1,400.00	1,367.96	1,352.72	1,352.69	7.38	6.46	92.93	-2,232.16	-3,052.94	3,787.38	3,773.54	13.84	273.564		
1,500.00	1,462.03	1,440.84	1,440.81	7.93	6.79	93.38	-2,232.27	-3,052.99	3,789.49	3,774.77	14.72	257.434		
1,600.00	1,556.10	1,535.37	1,535.34	8.49	7.15	93.86	-2,232.35	-3,053.20	3,792.01	3,776.37	15.64	242.492		
1,700.00	1,650.17	1,648.03	1,648.00	9.06	7.58	94.45	-2,231.63	-3,053.60	3,794.59	3,777.95	16.64	228.031		
1,800.00	1,744.24	1,753.93	1,753.90	9.65	7.99	95.00	-2,230.81	-3,053.42	3,796.99	3,779.36	17.63	215.351		
1,900.00	1,838.31	1,847.59	1,847.56	10.23	8.36	95.48	-2,230.28	-3,053.05	3,799.62	3,781.03	18.58	204.446		
2,000.00	1,932.38	1,940.45	1,940.41	10.83	8.72	95.96	-2,229.62	-3,052.79	3,802.58	3,783.04	19.54	194.568		
2,100.00	2,026.45	2,031.77	2,031.73	11.43	9.09	96.43	-2,228.94	-3,052.59	3,805.88	3,785.37	20.50	185.623		
2,200.00	2,120.52	2,120.57	2,120.53	12.03	9.44	96.89	-2,228.60	-3,052.34	3,809.60	3,788.14	21.46	177.533		
2,300.00	2,214.59	2,215.97	2,215.93	12.63	9.83	97.38	-2,227.62	-3,052.50	3,813.71	3,791.27	22.45	169.909		
2,400.00	2,308.66	2,346.41	2,346.34	13.24	10.35	98.07	-2,225.18	-3,052.52	3,817.65	3,794.07	23.58	161.885		
2,500.00	2,402.73	2,461.17	2,461.06	13.86	10.82	98.68	-2,222.41	-3,051.72	3,821.07	3,796.41	24.66	154.955		
2,600.00	2,496.80	2,544.75	2,544.62	14.47	11.16	99.12	-2,220.66	-3,050.87	3,824.69	3,799.08	25.61	149.340		
2,700.00	2,590.87	2,621.27	2,621.12	15.09	11.48	99.52	-2,218.81	-3,050.63	3,829.09	3,802.56	26.53	144.307		
2,800.00	2,684.95	2,712.26	2,712.09	15.71	11.85	100.00	-2,216.78	-3,050.50	3,834.04	3,806.51	27.52	139.318		
2,900.00	2,779.02	2,813.01	2,812.81	16.33	12.27	100.53	-2,214.67	-3,050.13	3,839.17	3,810.62	28.55	134.479		
3,000.00	2,873.09	2,888.18	2,887.97	16.95	12.58	100.92	-2,213.25	-3,049.96	3,844.81	3,815.34	29.47	130.468		
3,100.00	2,967.16	2,991.03	2,990.81	17.57	13.00	101.45	-2,212.00	-3,049.60	3,850.92	3,820.42	30.51	126.223		
3,200.00	3,061.23	3,058.80	3,058.58	18.20	13.28	101.78	-2,211.79	-3,049.18	3,857.45	3,826.05	31.40	122.859		
3,300.00	3,155.30	3,130.87	3,130.65	18.82	13.58	102.14	-2,211.85	-3,049.21	3,864.96	3,832.65	32.30	119.648		
3,400.00	3,249.37	3,213.05	3,212.83	19.45	13.92	102.55	-2,211.65	-3,049.63	3,873.05	3,839.80	33.25	116.479		
3,500.00	3,343.44	3,279.31	3,279.08	20.07	14.20	102.87	-2,211.94	-3,050.19	3,881.96	3,847.83	34.13	113.750		
3,600.00	3,437.51	3,391.77	3,391.53	20.70	14.66	103.41	-2,213.26	-3,051.13	3,891.42	3,856.21	35.21	110.513		
3,700.00	3,531.58	3,459.86	3,459.61	21.33	14.95	103.74	-2,213.86	-3,051.69	3,901.02	3,864.92	36.09	108.077		
3,800.00	3,625.65	3,564.02	3,563.76	21.96	15.38	104.23	-2,215.12	-3,053.06	3,911.44	3,874.29	37.14	105.308		
3,900.00	3,719.72	3,697.44	3,697.17	22.59	15.94	104.86	-2,216.22	-3,053.57	3,921.11	3,882.79	38.33	102.311		
4,000.00	3,813.79	3,778.10	3,777.83	23.22	16.28	105.25	-2,216.19	-3,053.90	3,930.84	3,891.57	39.27	100.108		
4,100.00	3,907.86	3,875.97	3,875.70	23.85	16.68	105.72	-2,216.54	-3,054.37	3,941.02	3,900.73	40.28	97.828		
4,200.00	4,001.93	3,980.71	3,980.44	24.48	17.12	106.21	-2,216.88	-3,054.62	3,951.23	3,909.90	41.34	95.589		
4,300.00	4,096.00	4,085.54	4,085.27	25.11	17.56	106.71	-2,217.17	-3,054.58	3,961.45	3,919.07	42.39	93.461		
4,400.00	4,190.07	4,190.46	4,190.18	25.75	18.00	107.20	-2,217.41	-3,054.26	3,971.68	3,928.24	43.44	91.435		
4,500.00	4,284.14	4,295.46	4,295.18	26.38	18.44	107.68	-2,217.59	-3,053.66	3,981.91	3,937.42	44.49	89.506		
4,600.00	4,378.21	4,400.55	4,400.27	27.01	18.88	108.17	-2,217.73	-3,052.78	3,992.13	3,946.60	45.54	87.667		
4,700.00	4,472.28	4,469.21	4,468.92	27.65	19.17	108.48	-2,217.75	-3,052.36	4,002.79	3,956.37	46.42	86.235		
4,800.00	4,566.35	4,574.27	4,573.98	28.28	19.62	108.97	-2,217.63	-3,052.15	4,014.06	3,966.59	47.47	84.567		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.00	4,660.42	4,643.38	4,643.10	28.91	19.91	109.29	-2,217.51	-3,051.87	4,025.41	3,977.07	48.34	83.267		
5,000.00	4,754.49	4,700.00	4,699.72	29.55	20.15	109.55	-2,217.55	-3,052.22	4,037.93	3,988.77	49.16	82.146		
5,100.00	4,848.56	4,816.23	4,815.94	30.18	20.64	110.09	-2,217.24	-3,053.14	4,050.79	4,000.53	50.26	80.604		
5,200.00	4,942.63	4,889.72	4,889.43	30.82	20.95	110.43	-2,216.53	-3,053.86	4,063.93	4,012.78	51.15	79.459		
5,300.00	5,036.70	5,019.82	5,019.51	31.45	21.50	111.03	-2,215.43	-3,054.68	4,076.99	4,024.68	52.31	77.937		
5,400.00	5,130.77	5,083.21	5,082.91	32.09	21.76	111.32	-2,215.21	-3,055.02	4,090.39	4,037.24	53.15	76.961		
5,500.00	5,224.84	5,210.87	5,210.56	32.72	22.30	111.90	-2,214.99	-3,055.70	4,104.06	4,049.76	54.30	75.577		
5,600.00	5,318.91	5,276.22	5,275.91	33.36	22.58	112.19	-2,214.78	-3,055.98	4,117.85	4,062.70	55.15	74.671		
5,700.00	5,412.98	5,417.59	5,417.27	33.99	23.18	112.83	-2,213.75	-3,056.71	4,131.97	4,075.61	56.37	73.306		
5,800.00	5,507.06	5,475.29	5,474.97	34.63	23.42	113.09	-2,213.11	-3,056.98	4,146.03	4,088.86	57.17	72.523		
5,900.00	5,601.13	5,560.90	5,560.57	35.26	23.79	113.48	-2,211.91	-3,057.75	4,160.77	4,102.67	58.11	71.606		
6,000.00	5,695.20	5,648.23	5,647.88	35.90	24.16	113.87	-2,210.64	-3,058.58	4,175.81	4,116.76	59.05	70.715		
6,100.00	5,789.27	5,742.31	5,741.95	36.54	24.56	114.29	-2,209.81	-3,059.58	4,191.28	4,131.25	60.03	69.820		
6,200.00	5,883.34	5,870.99	5,870.62	37.17	25.10	114.86	-2,208.11	-3,060.45	4,206.59	4,145.41	61.18	68.753		
6,300.00	5,977.41	5,961.03	5,960.66	37.81	25.48	115.25	-2,207.26	-3,060.48	4,221.59	4,159.45	62.14	67.937		
6,400.00	6,071.48	6,059.84	6,059.46	38.44	25.90	115.68	-2,206.22	-3,060.78	4,237.05	4,173.91	63.14	67.107		
6,500.00	6,165.55	6,179.45	6,179.07	39.08	26.41	116.18	-2,205.92	-3,060.39	4,252.25	4,188.01	64.24	66.190		
6,600.00	6,259.62	6,248.50	6,248.11	39.72	26.70	116.47	-2,205.48	-3,060.11	4,267.58	4,202.50	65.09	65.567		
6,677.33	6,332.36	6,300.00	6,299.61	40.21	26.92	116.69	-2,205.21	-3,060.30	4,280.11	4,214.39	65.73	65.120		
6,700.00	6,353.76	6,319.75	6,319.36	40.35	27.01	111.85	-2,205.12	-3,060.43	4,283.48	4,217.54	65.94	64.964		
6,750.00	6,401.37	6,401.48	6,401.09	40.64	27.35	99.34	-2,204.52	-3,060.57	4,287.90	4,221.31	66.58	64.401		
6,800.00	6,449.30	6,436.88	6,436.49	40.89	27.50	84.56	-2,204.26	-3,060.55	4,288.36	4,221.40	66.96	64.044		
6,850.00	6,497.25	6,473.21	6,472.82	41.11	27.66	69.53	-2,204.14	-3,060.60	4,285.10	4,217.79	67.31	63.661		
6,900.00	6,544.95	6,517.77	6,517.38	41.29	27.85	56.24	-2,204.17	-3,060.76	4,278.13	4,210.45	67.67	63.218		
6,950.00	6,592.08	6,585.07	6,584.68	41.45	28.13	45.64	-2,204.09	-3,060.82	4,267.23	4,199.10	68.12	62.641		
7,000.00	6,638.35	6,628.51	6,628.12	41.58	28.32	37.44	-2,203.99	-3,060.75	4,252.47	4,184.06	68.42	62.156		
7,050.00	6,683.50	6,744.35	6,655.27	41.70	28.81	31.13	-2,203.91	-3,060.70	4,234.11	4,165.14	68.98	61.386		
7,100.00	6,727.22	6,700.47	6,699.14	41.81	28.62	26.31	-2,204.25	-3,060.81	4,212.40	4,143.55	68.85	61.178		
7,150.00	6,769.26	6,741.73	6,741.33	41.92	28.80	22.49	-2,204.58	-3,060.92	4,187.27	4,118.19	69.08	60.618		
7,200.00	6,809.36	6,781.98	6,781.59	42.03	28.97	19.40	-2,204.90	-3,061.02	4,158.86	4,089.58	69.28	60.031		
7,250.00	6,847.27	6,820.05	6,819.66	42.15	29.13	16.80	-2,205.19	-3,061.12	4,127.36	4,057.90	69.46	59.422		
7,300.00	6,882.75	6,855.70	6,855.30	42.27	29.28	14.54	-2,205.47	-3,061.21	4,092.94	4,023.33	69.62	58.793		
7,350.00	6,915.58	6,888.70	6,888.30	42.41	29.42	12.46	-2,205.73	-3,061.29	4,055.83	3,986.07	69.76	58.143		
7,400.00	6,945.57	6,918.86	6,918.46	42.57	29.55	10.46	-2,205.96	-3,061.37	4,016.23	3,946.35	69.88	57.475		
7,450.00	6,972.53	6,945.98	6,945.58	42.75	29.66	8.40	-2,206.18	-3,061.44	3,974.39	3,904.41	69.98	56.790		
7,500.00	6,996.30	6,969.90	6,969.50	42.95	29.76	6.08	-2,206.36	-3,061.50	3,930.57	3,860.50	70.08	56.091		
7,550.00	7,016.72	6,990.48	6,990.08	43.17	29.85	3.23	-2,206.52	-3,061.55	3,885.04	3,814.89	70.15	55.380		
7,600.00	7,033.66	7,007.59	7,007.19	43.43	29.92	-0.66	-2,206.66	-3,061.59	3,838.07	3,767.85	70.22	54.659		
7,650.00	7,047.04	7,021.11	7,020.71	43.72	29.98	-6.70	-2,206.76	-3,061.63	3,789.96	3,719.68	70.27	53.931		
7,700.00	7,056.76	7,030.98	7,030.57	44.05	30.02	-17.61	-2,206.84	-3,061.65	3,740.99	3,670.67	70.32	53.199		
7,750.00	7,062.76	7,037.11	7,036.71	44.41	30.05	-40.87	-2,206.89	-3,061.67	3,691.48	3,621.13	70.36	52.467		
7,799.36	7,065.00	7,039.49	7,039.08	44.81	30.06	-83.24	-2,206.91	-3,061.68	3,642.38	3,571.99	70.39	51.746		
7,900.00	7,065.83	7,040.57	7,040.17	45.73	30.06	-83.41	-2,206.91	-3,061.68	3,542.23	3,471.78	70.45	50.279		
8,000.00	7,066.66	7,041.65	7,041.25	46.83	30.07	-83.59	-2,206.92	-3,061.68	3,442.75	3,372.23	70.52	48.820		
8,100.00	7,067.49	7,042.73	7,042.33	48.11	30.07	-83.76	-2,206.93	-3,061.68	3,343.30	3,272.70	70.60	47.359		
8,200.00	7,068.31	7,043.81	7,043.40	49.55	30.08	-83.93	-2,206.94	-3,061.69	3,243.88	3,173.20	70.68	45.895		
8,300.00	7,069.14	7,044.89	7,044.48	51.14	30.08	-84.10	-2,206.95	-3,061.69	3,144.50	3,073.73	70.78	44.429		
8,400.00	7,069.96	7,045.97	7,045.56	52.86	30.09	-84.28	-2,206.96	-3,061.69	3,045.16	2,974.28	70.88	42.961		
8,500.00	7,070.79	7,047.04	7,046.64	54.70	30.09	-84.45	-2,206.96	-3,061.69	2,945.87	2,874.87	71.00	41.491		
8,600.00	7,071.61	7,048.12	7,047.72	56.64	30.09	-84.63	-2,206.97	-3,061.70	2,846.62	2,775.49	71.13	40.018		
8,700.00	7,072.44	7,049.20	7,048.80	58.68	30.10	-84.80	-2,206.98	-3,061.70	2,747.43	2,676.14	71.28	38.542		
8,800.00	7,073.27	7,050.28	7,049.88	60.78	30.10	-84.97	-2,206.99	-3,061.70	2,648.29	2,576.84	71.45	37.064		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,074.09	7,051.36	7,050.95	62.96	30.11	-85.15	-2,207.00	-3,061.71	2,549.23	2,477.59	71.64	35.583		
9,000.00	7,074.92	7,052.44	7,052.03	65.19	30.11	-85.32	-2,207.01	-3,061.71	2,450.24	2,378.38	71.86	34.099		
9,100.00	7,075.74	7,053.52	7,053.11	67.48	30.12	-85.49	-2,207.01	-3,061.71	2,351.33	2,279.23	72.10	32.611		
9,200.00	7,076.57	7,054.59	7,054.19	69.82	30.12	-85.67	-2,207.02	-3,061.71	2,252.53	2,180.15	72.38	31.121		
9,300.00	7,077.40	7,055.67	7,055.27	72.19	30.13	-85.84	-2,207.03	-3,061.72	2,153.83	2,081.13	72.70	29.627		
9,400.00	7,078.22	7,056.75	7,056.35	74.61	30.13	-86.02	-2,207.04	-3,061.72	2,055.25	1,982.19	73.07	28.129		
9,500.00	7,079.05	7,057.83	7,057.43	77.05	30.14	-86.19	-2,207.05	-3,061.72	1,956.82	1,883.33	73.49	26.628		
9,600.00	7,079.87	7,058.91	7,058.50	79.53	30.14	-86.36	-2,207.06	-3,061.73	1,858.56	1,784.58	73.98	25.122		
9,700.00	7,080.70	7,059.99	7,059.58	82.03	30.14	-86.54	-2,207.07	-3,061.73	1,760.49	1,685.94	74.55	23.614		
9,800.00	7,081.53	7,061.07	7,060.66	84.55	30.15	-86.71	-2,207.07	-3,061.73	1,662.65	1,587.43	75.23	22.101		
9,900.00	7,082.35	7,062.14	7,061.74	87.10	30.15	-86.89	-2,207.08	-3,061.73	1,565.09	1,489.06	76.03	20.586		
10,000.00	7,083.18	7,063.22	7,062.82	89.67	30.16	-87.06	-2,207.09	-3,061.74	1,467.85	1,390.87	76.98	19.068		
10,100.00	7,084.00	7,064.30	7,063.90	92.25	30.16	-87.24	-2,207.10	-3,061.74	1,371.01	1,292.89	78.12	17.550		
10,200.00	7,084.83	7,065.38	7,064.98	94.86	30.17	-87.41	-2,207.11	-3,061.74	1,274.65	1,195.15	79.50	16.032		
10,300.00	7,085.65	7,066.46	7,066.05	97.47	30.17	-87.59	-2,207.12	-3,061.74	1,178.90	1,097.71	81.20	14.519		
10,400.00	7,086.48	7,067.54	7,067.13	100.10	30.18	-87.76	-2,207.12	-3,061.75	1,083.92	1,000.64	83.28	13.015		
10,500.00	7,087.31	7,068.62	7,068.21	102.75	30.18	-87.94	-2,207.13	-3,061.75	989.93	904.05	85.88	11.527		
10,600.00	7,088.13	7,069.69	7,069.29	105.40	30.19	-88.11	-2,207.14	-3,061.75	897.23	808.08	89.15	10.064		
10,700.00	7,088.96	7,070.77	7,070.37	108.07	30.19	-88.29	-2,207.15	-3,061.76	806.28	712.98	93.30	8.642		
10,800.00	7,089.78	7,071.85	7,071.45	110.75	30.19	-88.46	-2,207.16	-3,061.76	717.74	619.12	98.62	7.278		
10,900.00	7,090.61	7,072.93	7,072.53	113.43	30.20	-88.64	-2,207.17	-3,061.76	632.62	527.17	105.45	5.999		
11,000.00	7,091.44	7,074.01	7,073.61	116.13	30.20	-88.81	-2,207.17	-3,061.76	552.51	438.32	114.19	4.839		
11,100.00	7,092.26	7,075.09	7,074.68	118.83	30.21	-88.98	-2,207.18	-3,061.77	479.92	354.86	125.06	3.838		
11,200.00	7,093.09	7,076.17	7,075.76	121.54	30.21	-89.16	-2,207.19	-3,061.77	418.78	281.16	137.62	3.043		
11,300.00	7,093.91	7,077.24	7,076.84	124.25	30.22	-89.33	-2,207.20	-3,061.77	374.74	224.97	149.77	2.502		
11,400.00	7,094.74	7,078.32	7,077.92	126.98	30.22	-89.51	-2,207.21	-3,061.77	354.23	197.02	157.21	2.253		
11,424.77	7,094.94	7,078.59	7,078.19	127.65	30.22	-89.55	-2,207.21	-3,061.78	353.36	195.55	157.81	2.239 CC, ES, SF		
11,500.00	7,095.57	7,079.40	7,079.00	129.70	30.23	-89.68	-2,207.22	-3,061.78	361.28	205.05	156.24	2.312		
11,600.00	7,096.39	7,080.48	7,080.08	132.44	30.23	-89.86	-2,207.23	-3,061.78	394.42	246.51	147.91	2.667		
11,700.00	7,097.22	7,081.56	7,081.16	135.18	30.24	-90.03	-2,207.23	-3,061.78	447.89	311.30	136.59	3.279		
11,800.00	7,098.04	7,082.64	7,082.23	137.92	30.24	-90.21	-2,207.24	-3,061.79	515.41	389.78	125.63	4.103		
11,900.00	7,098.87	7,083.72	7,083.31	140.67	30.25	-90.38	-2,207.25	-3,061.79	592.19	475.86	116.33	5.091		
12,000.00	7,099.69	7,084.80	7,084.39	143.43	30.25	-90.56	-2,207.26	-3,061.79	675.07	566.24	108.83	6.203		
12,100.00	7,100.52	7,085.87	7,085.47	146.19	30.25	-90.73	-2,207.27	-3,061.79	762.07	659.20	102.87	7.408		
12,200.00	7,101.35	7,086.95	7,086.55	148.95	30.26	-90.91	-2,207.28	-3,061.80	851.93	753.78	98.15	8.680		
12,300.00	7,102.17	7,088.03	7,087.63	151.71	30.26	-91.08	-2,207.28	-3,061.80	943.83	849.45	94.38	10.001		
12,400.00	7,103.00	7,089.11	7,088.71	154.48	30.27	-91.26	-2,207.29	-3,061.80	1,037.22	945.88	91.34	11.356		
12,500.00	7,103.82	7,090.19	7,089.78	157.26	30.27	-91.43	-2,207.30	-3,061.80	1,131.75	1,042.88	88.87	12.735		
12,600.00	7,104.65	7,091.27	7,090.86	160.03	30.28	-91.61	-2,207.31	-3,061.81	1,227.14	1,140.30	86.85	14.130		
12,700.00	7,105.48	7,092.35	7,091.94	162.81	30.28	-91.78	-2,207.32	-3,061.81	1,323.21	1,238.05	85.17	15.537		
12,800.00	7,106.30	7,093.42	7,093.02	165.59	30.29	-91.96	-2,207.33	-3,061.81	1,419.83	1,336.07	83.76	16.950		
12,900.00	7,107.13	7,094.50	7,094.10	168.38	30.29	-92.13	-2,207.33	-3,061.82	1,516.88	1,434.30	82.58	18.368		
13,000.00	7,107.95	7,095.58	7,095.18	171.16	30.30	-92.31	-2,207.34	-3,061.82	1,614.29	1,532.71	81.58	19.788		
13,100.00	7,108.78	7,096.66	7,096.26	173.95	30.30	-92.48	-2,207.35	-3,061.82	1,712.00	1,631.28	80.72	21.208		
13,200.00	7,109.61	7,097.74	7,097.33	176.74	30.30	-92.65	-2,207.36	-3,061.82	1,809.96	1,729.97	79.99	22.628		
13,300.00	7,110.43	7,098.82	7,098.41	179.54	30.31	-92.83	-2,207.37	-3,061.83	1,908.13	1,828.78	79.35	24.046		
13,368.87	7,111.00	7,099.56	7,099.16	181.46	30.31	-92.95	-2,207.37	-3,061.83	1,975.84	1,896.87	78.97	25.021		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	5.48	5.48	3.28	3.28	-118.97	-938.76	-1,695.91	1,938.40					
100.00	100.00	115.07	115.07	3.28	3.29	-118.96	-938.46	-1,695.74	1,938.12	1,931.55	6.57	294.808		
200.00	200.00	213.98	213.98	3.34	3.35	-118.97	-938.37	-1,695.26	1,937.66	1,930.97	6.69	289.564		
282.27	282.26	293.76	293.76	3.42	3.44	96.71	-938.49	-1,694.83	1,937.47	1,930.61	6.86	282.403		
300.00	299.98	310.77	310.77	3.44	3.47	96.73	-938.52	-1,694.75	1,937.48	1,930.57	6.91	280.581		
400.00	399.84	406.46	406.45	3.59	3.62	96.85	-938.78	-1,694.41	1,937.92	1,930.71	7.21	268.843		
500.00	499.45	508.64	508.63	3.79	3.82	97.09	-938.94	-1,694.14	1,938.83	1,931.21	7.61	254.695		
600.00	598.70	605.26	605.26	4.04	4.05	97.40	-938.94	-1,694.00	1,940.24	1,932.15	8.08	239.984		
700.00	697.47	692.28	692.28	4.32	4.28	97.76	-938.90	-1,694.25	1,942.57	1,933.97	8.60	225.890		
800.00	795.62	787.31	787.31	4.65	4.55	98.23	-939.05	-1,694.84	1,945.90	1,936.71	9.20	211.614		
900.00	893.06	890.78	890.77	5.01	4.87	98.83	-939.23	-1,695.39	1,949.89	1,940.02	9.88	197.450		
1,000.00	989.64	988.35	988.34	5.41	5.18	99.48	-939.06	-1,695.84	1,954.50	1,943.91	10.59	184.513		
1,100.00	1,085.27	1,089.62	1,089.61	5.85	5.52	100.23	-938.99	-1,696.09	1,959.93	1,948.56	11.37	172.305		
1,191.50	1,171.82	1,171.46	1,171.44	6.29	5.81	100.88	-939.20	-1,696.11	1,965.79	1,953.69	12.10	162.507		
1,200.00	1,179.82	1,178.91	1,178.89	6.34	5.83	100.95	-939.24	-1,696.11	1,966.39	1,954.23	12.16	161.644		
1,300.00	1,273.89	1,261.73	1,261.71	6.85	6.13	101.74	-939.76	-1,696.38	1,974.06	1,961.09	12.97	152.222		
1,400.00	1,367.96	1,352.04	1,352.03	7.38	6.46	102.61	-940.02	-1,697.33	1,982.77	1,968.94	13.82	143.436		
1,500.00	1,462.03	1,457.04	1,457.01	7.93	6.85	103.61	-940.81	-1,697.97	1,991.81	1,977.06	14.76	134.988		
1,600.00	1,556.10	1,565.49	1,565.46	8.49	7.26	104.62	-941.48	-1,697.87	2,000.70	1,984.98	15.72	127.277		
1,700.00	1,650.17	1,668.51	1,668.48	9.06	7.66	105.57	-941.91	-1,697.19	2,009.55	1,992.87	16.68	120.508		
1,800.00	1,744.24	1,749.30	1,749.27	9.65	7.97	106.31	-942.02	-1,696.72	2,018.91	2,001.36	17.55	115.022		
1,900.00	1,838.31	1,828.77	1,828.74	10.23	8.28	107.05	-942.07	-1,697.14	2,029.71	2,011.29	18.43	110.136		
2,000.00	1,932.38	1,927.42	1,927.39	10.83	8.67	107.95	-942.55	-1,697.60	2,041.11	2,021.72	19.39	105.252		
2,100.00	2,026.45	2,025.70	2,025.66	11.43	9.06	108.83	-943.05	-1,697.89	2,052.86	2,032.50	20.36	100.826		
2,200.00	2,120.52	2,125.44	2,125.40	12.03	9.46	109.71	-943.57	-1,697.81	2,064.74	2,043.40	21.34	96.760		
2,300.00	2,214.59	2,212.97	2,212.94	12.63	9.81	110.48	-943.69	-1,697.93	2,077.21	2,054.95	22.27	93.290		
2,400.00	2,308.66	2,303.05	2,303.01	13.24	10.18	111.27	-943.89	-1,698.28	2,090.40	2,067.20	23.21	90.078		
2,500.00	2,402.73	2,404.24	2,404.19	13.86	10.59	112.14	-944.37	-1,698.52	2,103.98	2,079.78	24.20	86.944		
2,600.00	2,496.80	2,499.39	2,499.35	14.47	10.98	112.95	-944.85	-1,698.57	2,117.83	2,092.66	25.17	84.157		
2,700.00	2,590.87	2,595.54	2,595.49	15.09	11.37	113.75	-945.27	-1,698.55	2,132.05	2,105.91	26.14	81.574		
2,800.00	2,684.95	2,693.50	2,693.46	15.71	11.77	114.56	-945.61	-1,698.42	2,146.57	2,119.45	27.12	79.163		
2,900.00	2,779.02	2,783.77	2,783.73	16.33	12.14	115.30	-946.09	-1,698.26	2,161.51	2,133.45	28.06	77.035		
3,000.00	2,873.09	2,889.95	2,889.90	16.95	12.58	116.14	-946.85	-1,697.93	2,176.76	2,147.68	29.08	74.859		
3,100.00	2,967.16	2,976.79	2,976.74	17.57	12.94	116.83	-947.28	-1,697.49	2,192.20	2,162.20	30.00	73.065		
3,200.00	3,061.23	3,071.06	3,071.01	18.20	13.33	117.57	-947.59	-1,697.31	2,208.31	2,177.34	30.96	71.321		
3,300.00	3,155.30	3,158.89	3,158.84	18.82	13.70	118.26	-947.84	-1,697.15	2,224.81	2,192.92	31.89	69.767		
3,400.00	3,249.37	3,243.76	3,243.71	19.45	14.05	118.91	-948.14	-1,697.37	2,242.11	2,209.31	32.80	68.361		
3,500.00	3,343.44	3,335.53	3,335.48	20.07	14.43	119.61	-948.38	-1,697.91	2,260.08	2,226.34	33.74	66.985		
3,600.00	3,437.51	3,433.65	3,433.59	20.70	14.84	120.33	-948.92	-1,698.28	2,278.25	2,243.53	34.71	65.629		
3,700.00	3,531.58	3,522.83	3,522.77	21.33	15.21	120.99	-949.21	-1,698.69	2,296.83	2,261.19	35.64	64.447		
3,800.00	3,625.65	3,611.58	3,611.52	21.96	15.58	121.63	-949.63	-1,699.35	2,316.03	2,279.47	36.56	63.350		
3,900.00	3,719.72	3,717.98	3,717.91	22.59	16.03	122.38	-950.65	-1,699.87	2,335.33	2,297.75	37.57	62.151		
4,000.00	3,813.79	3,811.12	3,811.04	23.22	16.42	123.01	-951.74	-1,700.11	2,354.74	2,316.23	38.52	61.135		
4,100.00	3,907.86	3,896.40	3,896.32	23.85	16.78	123.59	-952.66	-1,700.54	2,374.69	2,335.28	39.41	60.250		
4,200.00	4,001.93	3,978.60	3,978.51	24.48	17.12	124.14	-953.32	-1,701.31	2,395.35	2,355.06	40.29	59.454		
4,300.00	4,096.00	4,068.65	4,068.55	25.11	17.50	124.75	-953.72	-1,702.49	2,416.67	2,375.46	41.21	58.648		
4,400.00	4,190.07	4,160.06	4,159.96	25.75	17.89	125.35	-954.02	-1,703.76	2,438.35	2,396.22	42.13	57.879		
4,500.00	4,284.14	4,260.21	4,260.10	26.38	18.31	126.02	-953.93	-1,705.15	2,460.35	2,417.25	43.10	57.085		
4,600.00	4,378.21	4,373.93	4,373.81	27.01	18.79	126.78	-952.66	-1,706.03	2,482.11	2,437.96	44.15	56.225		
4,700.00	4,472.28	4,484.36	4,484.22	27.65	19.25	127.51	-951.43	-1,705.98	2,503.41	2,458.23	45.17	55.421		
4,800.00	4,566.35	4,579.84	4,579.70	28.28	19.65	128.13	-950.59	-1,705.60	2,524.65	2,478.55	46.11	54.754		
4,900.00	4,660.42	4,665.63	4,665.49	28.91	20.01	128.66	-950.18	-1,705.39	2,546.31	2,499.32	46.99	54.188		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,772.23	4,772.09	29.55	20.46	129.33	-949.14	-1,705.21	2,568.37	2,520.38	47.99	53.520		
5,100.00	4,848.56	4,864.27	4,864.12	30.18	20.84	129.90	-948.38	-1,704.60	2,590.20	2,541.29	48.90	52.967		
5,200.00	4,942.63	4,964.33	4,964.18	30.82	21.26	130.49	-948.12	-1,704.18	2,612.47	2,562.61	49.86	52.394		
5,300.00	5,036.70	5,051.70	5,051.54	31.45	21.63	131.00	-947.77	-1,703.55	2,634.73	2,583.99	50.75	51.921		
5,400.00	5,130.77	5,131.64	5,131.48	32.09	21.97	131.47	-947.26	-1,703.45	2,657.80	2,606.22	51.58	51.528		
5,500.00	5,224.84	5,220.27	5,220.11	32.72	22.34	131.98	-946.63	-1,703.60	2,681.41	2,628.95	52.47	51.108		
5,600.00	5,318.91	5,311.29	5,311.13	33.36	22.72	132.49	-945.94	-1,703.89	2,705.40	2,652.03	53.36	50.698		
5,700.00	5,412.98	5,405.36	5,405.19	33.99	23.12	133.01	-945.30	-1,704.24	2,729.64	2,675.37	54.28	50.289		
5,800.00	5,507.06	5,494.44	5,494.27	34.63	23.50	133.50	-944.82	-1,704.67	2,754.20	2,699.03	55.16	49.929		
5,900.00	5,601.13	5,597.43	5,597.26	35.26	23.93	134.04	-944.35	-1,705.11	2,778.90	2,722.77	56.13	49.506		
6,000.00	5,695.20	5,682.33	5,682.16	35.90	24.29	134.49	-943.99	-1,705.45	2,803.78	2,746.79	56.99	49.201		
6,100.00	5,789.27	5,779.33	5,779.16	36.54	24.70	134.98	-943.52	-1,705.98	2,829.01	2,771.10	57.92	48.846		
6,200.00	5,883.34	5,877.32	5,877.14	37.17	25.12	135.48	-942.98	-1,706.33	2,854.27	2,795.42	58.85	48.499		
6,300.00	5,977.41	5,964.80	5,964.63	37.81	25.49	135.92	-942.67	-1,706.68	2,879.72	2,820.01	59.72	48.221		
6,400.00	6,071.48	6,058.87	6,058.69	38.44	26.00	136.50	-942.47	-1,707.07	2,905.31	2,844.51	60.80	47.782		
6,500.00	6,165.55	6,167.43	6,167.25	39.08	26.35	136.89	-942.41	-1,706.87	2,930.49	2,868.86	61.63	47.549		
6,600.00	6,259.62	6,250.08	6,249.90	39.72	26.70	137.27	-942.63	-1,707.24	2,956.38	2,893.92	62.46	47.330		
6,677.33	6,332.36	6,315.33	6,315.14	40.21	26.98	137.55	-943.18	-1,707.76	2,976.67	2,913.56	63.12	47.162		
6,700.00	6,353.76	6,331.66	6,331.48	40.35	27.05	132.55	-943.33	-1,707.93	2,982.31	2,919.03	63.29	47.125		
6,750.00	6,401.37	6,367.98	6,367.79	40.64	27.20	119.61	-943.63	-1,708.42	2,992.20	2,928.55	63.65	47.010		
6,800.00	6,449.30	6,404.94	6,404.74	40.89	27.36	104.74	-943.89	-1,709.05	2,998.55	2,934.55	64.00	46.853		
6,850.00	6,497.25	6,444.69	6,444.48	41.11	27.53	89.76	-944.00	-1,709.81	3,001.30	2,936.96	64.34	46.647		
6,900.00	6,544.95	6,484.15	6,483.94	41.29	27.69	76.63	-943.88	-1,710.62	3,000.44	2,935.79	64.65	46.413		
6,950.00	6,592.08	6,524.18	6,523.96	41.45	27.86	66.24	-943.52	-1,711.49	2,995.96	2,931.04	64.92	46.146		
7,000.00	6,638.35	6,564.23	6,563.99	41.58	28.03	58.49	-943.02	-1,712.41	2,987.91	2,922.74	65.17	45.849		
7,050.00	6,683.50	6,608.18	6,607.93	41.70	28.22	52.88	-942.31	-1,713.47	2,976.31	2,910.90	65.41	45.502		
7,100.00	6,727.22	6,700.51	6,700.22	41.81	28.61	49.29	-940.44	-1,714.75	2,960.79	2,894.82	65.97	44.879		
7,150.00	6,769.26	6,742.55	6,742.25	41.92	28.79	46.56	-939.59	-1,714.98	2,941.51	2,875.36	66.15	44.465		
7,200.00	6,809.36	6,783.09	6,782.79	42.03	28.96	44.79	-938.94	-1,715.24	2,918.95	2,852.64	66.31	44.022		
7,250.00	6,847.27	6,820.58	6,820.27	42.15	29.12	43.80	-938.47	-1,715.52	2,893.25	2,826.82	66.42	43.558		
7,300.00	6,882.75	6,854.95	6,854.64	42.27	29.27	43.49	-938.00	-1,715.78	2,864.59	2,798.08	66.51	43.071		
7,350.00	6,915.58	6,886.77	6,886.46	42.41	29.40	43.82	-937.53	-1,716.03	2,833.17	2,766.60	66.57	42.560		
7,400.00	6,945.57	6,917.08	6,916.76	42.57	29.53	44.79	-937.03	-1,716.25	2,799.16	2,732.54	66.62	42.017		
7,450.00	6,972.53	6,945.20	6,944.87	42.75	29.65	46.46	-936.51	-1,716.43	2,762.78	2,696.12	66.66	41.447		
7,500.00	6,996.30	6,969.91	6,969.58	42.95	29.76	48.86	-936.01	-1,716.56	2,724.25	2,657.56	66.68	40.853		
7,550.00	7,016.72	6,991.09	6,990.75	43.17	29.85	52.12	-935.55	-1,716.65	2,683.80	2,617.10	66.70	40.238		
7,600.00	7,033.66	7,008.70	7,008.36	43.43	29.92	56.41	-935.14	-1,716.72	2,641.70	2,574.99	66.71	39.601		
7,650.00	7,047.04	7,022.67	7,022.32	43.72	29.98	61.90	-934.81	-1,716.77	2,598.19	2,531.47	66.71	38.945		
7,700.00	7,056.76	7,032.85	7,032.50	44.05	30.02	68.81	-934.57	-1,716.80	2,553.53	2,486.81	66.72	38.271		
7,750.00	7,062.76	7,039.20	7,038.85	44.41	30.05	77.27	-934.43	-1,716.82	2,508.00	2,441.26	66.73	37.582		
7,799.36	7,065.00	7,041.67	7,041.32	44.81	30.06	87.05	-934.37	-1,716.83	2,462.45	2,395.70	66.75	36.890		
7,900.00	7,065.83	7,042.86	7,042.51	45.73	30.07	87.12	-934.34	-1,716.83	2,369.46	2,302.64	66.82	35.462		
8,000.00	7,066.66	7,044.04	7,043.69	46.83	30.07	87.20	-934.31	-1,716.84	2,277.70	2,210.75	66.95	34.022		
8,100.00	7,067.49	7,045.21	7,044.86	48.11	30.08	87.27	-934.29	-1,716.84	2,186.66	2,119.50	67.16	32.558		
8,200.00	7,068.31	7,046.38	7,046.03	49.55	30.08	87.34	-934.26	-1,716.84	2,096.44	2,028.96	67.48	31.068		
8,300.00	7,069.14	7,047.55	7,047.20	51.14	30.09	87.41	-934.23	-1,716.85	2,007.15	1,939.23	67.92	29.553		
8,400.00	7,069.96	7,048.72	7,048.36	52.86	30.09	87.49	-934.20	-1,716.85	1,918.91	1,850.40	68.51	28.011		
8,500.00	7,070.79	7,049.88	7,049.52	54.70	30.10	87.56	-934.18	-1,716.86	1,831.88	1,762.61	69.27	26.445		
8,600.00	7,071.61	7,051.03	7,050.68	56.64	30.10	87.63	-934.15	-1,716.86	1,746.24	1,675.99	70.25	24.858		
8,700.00	7,072.44	7,052.19	7,051.84	58.68	30.11	87.70	-934.12	-1,716.86	1,662.20	1,590.73	71.47	23.256		
8,800.00	7,073.27	7,053.34	7,052.99	60.78	30.11	87.77	-934.10	-1,716.87	1,580.02	1,507.03	72.99	21.647		
8,900.00	7,074.09	7,054.49	7,054.13	62.96	30.12	87.84	-934.07	-1,716.87	1,500.01	1,425.17	74.84	20.043		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	7,055.63	7,055.28	65.19	30.12	87.92	-934.04	-1,716.87	1,422.53	1,345.47	77.06	18.460		
9,100.00	7,075.74	7,056.77	7,056.42	67.48	30.13	87.99	-934.02	-1,716.88	1,348.01	1,268.31	79.70	16.914		
9,200.00	7,076.57	7,057.91	7,057.56	69.82	30.13	88.06	-933.99	-1,716.88	1,276.98	1,194.20	82.79	15.425		
9,300.00	7,077.40	7,059.05	7,058.69	72.19	30.14	88.13	-933.96	-1,716.88	1,210.06	1,123.72	86.34	14.015		
9,400.00	7,078.22	7,060.18	7,059.82	74.61	30.14	88.20	-933.94	-1,716.89	1,147.95	1,057.60	90.35	12.706		
9,500.00	7,079.05	7,061.31	7,060.95	77.05	30.15	88.27	-933.91	-1,716.89	1,091.48	996.69	94.79	11.515		
9,600.00	7,079.87	7,062.43	7,062.08	79.53	30.15	88.34	-933.89	-1,716.89	1,041.57	942.01	99.56	10.462		
9,700.00	7,080.70	7,063.55	7,063.20	82.03	30.16	88.41	-933.86	-1,716.90	999.20	894.66	104.54	9.558		
9,800.00	7,081.53	7,064.67	7,064.32	84.55	30.16	88.48	-933.83	-1,716.90	965.37	855.84	109.53	8.814		
9,900.00	7,082.35	7,065.79	7,065.43	87.10	30.16	88.55	-933.81	-1,716.90	940.99	826.72	114.28	8.234		
10,000.00	7,083.18	7,066.90	7,066.54	89.67	30.17	88.61	-933.78	-1,716.90	926.82	808.28	118.54	7.819		
10,082.36	7,083.86	7,067.82	7,067.46	91.80	30.17	88.67	-933.76	-1,716.91	923.16	801.64	121.52	7.597 CC		
10,100.00	7,084.00	7,068.01	7,067.65	92.25	30.17	88.68	-933.76	-1,716.91	923.33	801.25	122.08	7.563 ES		
10,200.00	7,084.83	7,069.12	7,068.76	94.86	30.18	88.75	-933.73	-1,716.91	930.62	805.90	124.72	7.461 SF		
10,300.00	7,085.65	7,070.22	7,069.86	97.47	30.18	88.82	-933.71	-1,716.91	948.46	822.04	126.42	7.502		
10,400.00	7,086.48	7,071.32	7,070.96	100.10	30.19	88.89	-933.68	-1,716.92	976.27	849.07	127.20	7.675		
10,500.00	7,087.31	7,072.42	7,072.06	102.75	30.19	88.96	-933.65	-1,716.92	1,013.22	886.03	127.19	7.966		
10,600.00	7,088.13	7,073.51	7,073.15	105.40	30.20	89.03	-933.63	-1,716.92	1,058.36	931.83	126.53	8.364		
10,700.00	7,088.96	7,125.55	7,074.09	108.07	30.42	89.08	-933.61	-1,716.93	1,110.69	985.07	125.63	8.841		
10,800.00	7,089.78	7,124.49	7,075.15	110.75	30.41	89.15	-933.58	-1,716.93	1,169.25	1,045.08	124.17	9.416		
10,900.00	7,090.61	7,123.43	7,076.21	113.43	30.41	89.22	-933.56	-1,716.93	1,233.15	1,110.62	122.53	10.064		
11,000.00	7,091.44	7,122.37	7,077.27	116.13	30.41	89.28	-933.53	-1,716.94	1,301.60	1,180.81	120.79	10.776		
11,100.00	7,092.26	7,121.31	7,078.33	118.83	30.40	89.35	-933.51	-1,716.94	1,373.93	1,254.90	119.02	11.543		
11,200.00	7,093.09	7,120.25	7,079.39	121.54	30.40	89.41	-933.48	-1,716.94	1,449.54	1,332.26	117.28	12.360		
11,300.00	7,093.91	7,119.19	7,080.45	124.25	30.39	89.48	-933.46	-1,716.94	1,527.96	1,412.37	115.59	13.219		
11,400.00	7,094.74	7,118.13	7,081.51	126.98	30.39	89.54	-933.43	-1,716.95	1,608.78	1,494.80	113.98	14.115		
11,500.00	7,095.57	7,117.06	7,082.57	129.70	30.38	89.61	-933.41	-1,716.95	1,691.64	1,579.20	112.44	15.044		
11,600.00	7,096.39	7,116.00	7,083.63	132.44	30.38	89.68	-933.39	-1,716.95	1,776.28	1,665.27	111.00	16.002		
11,700.00	7,097.22	7,114.94	7,084.70	135.18	30.37	89.74	-933.36	-1,716.95	1,862.43	1,752.78	109.65	16.986		
11,800.00	7,098.04	7,113.88	7,085.76	137.92	30.37	89.81	-933.34	-1,716.96	1,949.91	1,841.53	108.38	17.991		
11,900.00	7,098.87	7,112.82	7,086.82	140.67	30.36	89.87	-933.31	-1,716.96	2,038.53	1,931.34	107.20	19.017		
12,000.00	7,099.69	7,111.76	7,087.88	143.43	30.36	89.94	-933.29	-1,716.96	2,128.17	2,022.08	106.09	20.060		
12,100.00	7,100.52	7,110.70	7,088.94	146.19	30.36	90.00	-933.26	-1,716.96	2,218.69	2,113.63	105.06	21.119		
12,200.00	7,101.35	7,109.64	7,090.00	148.95	30.35	90.07	-933.24	-1,716.97	2,309.99	2,205.90	104.10	22.191		
12,300.00	7,102.17	7,108.58	7,091.06	151.71	30.35	90.14	-933.21	-1,716.97	2,401.99	2,298.79	103.20	23.276		
12,400.00	7,103.00	7,107.52	7,092.12	154.48	30.34	90.20	-933.19	-1,716.97	2,494.60	2,392.24	102.36	24.371		
12,500.00	7,103.82	7,106.46	7,093.18	157.26	30.34	90.27	-933.17	-1,716.97	2,587.76	2,486.18	101.57	25.477		
12,600.00	7,104.65	7,105.40	7,094.24	160.03	30.33	90.33	-933.14	-1,716.98	2,681.41	2,580.57	100.84	26.591		
12,700.00	7,105.48	7,104.34	7,095.30	162.81	30.33	90.40	-933.12	-1,716.98	2,775.50	2,675.35	100.15	27.713		
12,800.00	7,106.30	7,103.27	7,096.36	165.59	30.32	90.47	-933.09	-1,716.98	2,870.00	2,770.49	99.51	28.842		
12,900.00	7,107.13	7,102.21	7,097.42	168.38	30.32	90.53	-933.07	-1,716.98	2,964.85	2,865.95	98.90	29.978		
13,000.00	7,107.95	7,101.15	7,098.48	171.16	30.32	90.60	-933.04	-1,716.99	3,060.03	2,961.70	98.33	31.119		
13,100.00	7,108.78	7,099.91	7,099.54	173.95	30.31	90.66	-933.02	-1,716.99	3,155.51	3,057.71	97.80	32.265		
13,200.00	7,109.61	7,100.97	7,100.60	176.74	30.31	90.73	-932.99	-1,716.99	3,251.27	3,153.96	97.31	33.412		
13,300.00	7,110.43	7,102.03	7,101.66	179.54	30.32	90.79	-932.97	-1,716.99	3,347.26	3,250.42	96.85	34.563		
13,368.87	7,111.00	7,102.76	7,102.39	181.46	30.32	90.84	-932.95	-1,716.99	3,413.51	3,316.97	96.54	35.358		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-133.93	-709.66	-736.71	1,023.09					
100.00	100.00	81.00	81.00	3.28	3.57	-133.93	-709.66	-736.71	1,022.91	1,016.06	6.86	149.190		
200.00	200.00	181.00	181.00	3.34	5.63	-133.93	-709.66	-736.71	1,022.91	1,013.95	8.96	114.102		
300.00	299.98	280.98	280.98	3.44	8.71	81.82	-709.66	-736.71	1,022.66	1,010.52	12.15	84.204		
400.00	399.84	380.84	380.84	3.59	12.01	82.13	-709.66	-736.71	1,021.93	1,006.34	15.60	65.522		
500.00	499.45	480.45	480.45	3.79	15.38	82.63	-709.66	-736.71	1,020.77	1,001.60	19.17	53.248		
600.00	598.70	579.70	579.70	4.04	18.78	83.34	-709.66	-736.71	1,019.27	996.46	22.81	44.678		
700.00	697.47	678.47	678.47	4.32	22.18	84.24	-709.66	-736.71	1,017.56	991.06	26.50	38.395		
800.00	795.62	776.62	776.62	4.65	25.58	85.32	-709.66	-736.71	1,015.79	985.57	30.22	33.611		
900.00	893.06	874.06	874.06	5.01	28.95	86.59	-709.66	-736.71	1,014.16	980.20	33.96	29.861		
1,000.00	989.64	970.64	970.64	5.41	32.31	88.03	-709.66	-736.71	1,012.91	975.19	37.72	26.855		
1,100.00	1,085.27	1,066.27	1,066.27	5.85	35.63	89.62	-709.66	-736.71	1,012.28	970.80	41.48	24.402		
1,122.63	1,106.76	1,087.76	1,087.76	5.96	36.38	90.00	-709.66	-736.71	1,012.25	969.92	42.34	23.909 CC		
1,191.50	1,171.82	1,152.82	1,152.82	6.29	38.64	91.20	-709.66	-736.71	1,012.51	967.57	44.93	22.534		
1,200.00	1,179.82	1,160.82	1,160.82	6.34	38.92	91.36	-709.66	-736.71	1,012.57	967.32	45.25	22.376		
1,300.00	1,273.89	1,254.89	1,254.89	6.85	42.19	93.16	-709.66	-736.71	1,014.00	964.96	49.04	20.677		
1,400.00	1,367.96	1,348.96	1,348.96	7.38	45.47	94.96	-709.66	-736.71	1,016.55	963.70	52.85	19.236		
1,500.00	1,462.03	1,443.03	1,443.03	7.93	48.74	96.74	-709.66	-736.71	1,020.22	963.55	56.67	18.003		
1,600.00	1,556.10	1,537.10	1,537.10	8.49	52.02	98.52	-709.66	-736.71	1,025.00	964.50	60.50	16.941		
1,700.00	1,650.17	1,631.17	1,631.17	9.06	55.30	100.28	-709.66	-736.71	1,030.88	966.54	64.34	16.021		
1,800.00	1,744.24	1,725.24	1,725.24	9.65	58.57	102.01	-709.66	-736.71	1,037.84	969.64	68.19	15.220		
1,900.00	1,838.31	1,819.31	1,819.31	10.23	61.85	103.73	-709.66	-736.71	1,045.84	973.80	72.04	14.517		
2,000.00	1,932.38	1,913.38	1,913.38	10.83	65.13	105.42	-709.66	-736.71	1,054.88	978.99	75.89	13.900		
2,100.00	2,026.45	2,007.45	2,007.45	11.43	68.41	107.09	-709.66	-736.71	1,064.93	985.18	79.74	13.355		
2,200.00	2,120.52	2,101.52	2,101.52	12.03	71.69	108.72	-709.66	-736.71	1,075.95	992.36	83.59	12.871		
2,300.00	2,214.59	2,204.41	2,195.59	12.63	75.28	110.33	-709.66	-736.71	1,087.91	1,000.17	87.75	12.398		
2,400.00	2,308.66	2,289.66	2,289.66	13.24	78.26	111.90	-709.66	-736.71	1,100.80	1,009.51	91.28	12.059		
2,500.00	2,402.73	2,383.73	2,383.73	13.86	81.54	113.44	-709.66	-736.71	1,114.56	1,019.44	95.13	11.717		
2,600.00	2,496.80	2,477.80	2,477.80	14.47	84.82	114.94	-709.66	-736.71	1,129.18	1,030.22	98.96	11.410		
2,700.00	2,590.87	2,571.87	2,571.87	15.09	88.10	116.41	-709.66	-736.71	1,144.62	1,041.82	102.80	11.135		
2,800.00	2,684.95	2,665.95	2,665.95	15.71	91.38	117.84	-709.66	-736.71	1,160.84	1,054.21	106.63	10.887		
2,900.00	2,779.02	2,760.02	2,760.02	16.33	94.66	119.23	-709.66	-736.71	1,177.82	1,067.37	110.45	10.664		
3,000.00	2,873.09	2,854.09	2,854.09	16.95	97.95	120.59	-709.66	-736.71	1,195.52	1,081.24	114.27	10.462		
3,100.00	2,967.16	2,948.16	2,948.16	17.57	101.23	121.91	-709.66	-736.71	1,213.90	1,095.82	118.09	10.280		
3,200.00	3,061.23	3,042.23	3,042.23	18.20	104.51	123.19	-709.66	-736.71	1,232.95	1,111.05	121.90	10.114		
3,300.00	3,155.30	3,136.30	3,136.30	18.82	107.79	124.44	-709.66	-736.71	1,252.63	1,126.92	125.71	9.964		
3,400.00	3,249.37	3,230.37	3,230.37	19.45	111.08	125.65	-709.66	-736.71	1,272.91	1,143.39	129.52	9.828		
3,500.00	3,343.44	3,324.44	3,324.44	20.07	114.36	126.82	-709.66	-736.71	1,293.76	1,160.44	133.32	9.704		
3,600.00	3,437.51	3,418.51	3,418.51	20.70	117.64	127.96	-709.66	-736.71	1,315.15	1,178.03	137.12	9.592		
3,700.00	3,531.58	3,512.58	3,512.58	21.33	120.92	129.07	-709.66	-736.71	1,337.06	1,196.15	140.91	9.489		
3,800.00	3,625.65	3,606.65	3,606.65	21.96	124.21	130.14	-709.66	-736.71	1,359.47	1,214.77	144.70	9.395		
3,900.00	3,719.72	3,700.72	3,700.72	22.59	127.49	131.18	-709.66	-736.71	1,382.34	1,233.85	148.49	9.309		
4,000.00	3,813.79	3,805.21	3,794.79	23.22	131.14	132.19	-709.66	-736.71	1,405.66	1,253.02	152.64	9.209		
4,100.00	3,907.86	3,888.86	3,888.86	23.85	134.05	133.16	-709.66	-736.71	1,429.41	1,273.35	156.06	9.159		
4,200.00	4,001.93	3,982.93	3,982.93	24.48	137.34	134.11	-709.66	-736.71	1,453.56	1,293.72	159.84	9.094		
4,300.00	4,096.00	4,077.00	4,077.00	25.11	140.62	135.03	-709.66	-736.71	1,478.09	1,314.47	163.62	9.034		
4,400.00	4,190.07	4,171.07	4,171.07	25.75	143.90	135.92	-709.66	-736.71	1,502.99	1,335.59	167.40	8.978		
4,500.00	4,284.14	4,265.14	4,265.14	26.38	147.19	136.78	-709.66	-736.71	1,528.24	1,357.06	171.18	8.928		
4,600.00	4,378.21	4,359.21	4,359.21	27.01	150.47	137.61	-709.66	-736.71	1,553.82	1,378.87	174.95	8.881		
4,700.00	4,472.28	4,453.28	4,453.28	27.65	153.75	138.42	-709.66	-736.71	1,579.71	1,400.98	178.72	8.839		
4,800.00	4,566.35	4,547.35	4,547.35	28.28	157.04	139.20	-709.66	-736.71	1,605.90	1,423.40	182.50	8.800		
4,900.00	4,660.42	4,641.42	4,641.42	28.91	160.32	139.96	-709.66	-736.71	1,632.37	1,446.11	186.27	8.764		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,735.49	4,735.49	29.55	163.60	140.70	-709.66	-736.71	1,659.12	1,469.08	190.04	8.730		
5,100.00	4,848.56	4,829.56	4,829.56	30.18	166.89	141.41	-709.66	-736.71	1,686.13	1,492.32	193.81	8.700		
5,200.00	4,942.63	4,923.63	4,923.63	30.82	170.17	142.10	-709.66	-736.71	1,713.38	1,515.80	197.58	8.672		
5,300.00	5,036.70	5,017.70	5,017.70	31.45	173.45	142.77	-709.66	-736.71	1,740.86	1,539.52	201.34	8.646		
5,400.00	5,130.77	5,111.77	5,111.77	32.09	176.74	143.42	-709.66	-736.71	1,768.57	1,563.46	205.11	8.622		
5,500.00	5,224.84	5,205.84	5,205.84	32.72	180.02	144.06	-709.66	-736.71	1,796.49	1,587.61	208.88	8.601		
5,600.00	5,318.91	5,300.09	5,299.91	33.36	183.31	144.67	-709.66	-736.71	1,824.62	1,611.97	212.65	8.580		
5,700.00	5,412.98	5,406.02	5,393.98	33.99	187.01	145.27	-709.66	-736.71	1,852.94	1,636.11	216.83	8.546		
5,800.00	5,507.06	5,488.06	5,488.06	34.63	189.87	145.84	-709.66	-736.71	1,881.44	1,661.27	220.18	8.545		
5,900.00	5,601.13	5,582.13	5,582.13	35.26	193.15	146.40	-709.66	-736.71	1,910.12	1,686.18	223.94	8.530		
6,000.00	5,695.20	5,676.20	5,676.20	35.90	196.44	146.95	-709.66	-736.71	1,938.97	1,711.27	227.71	8.515		
6,100.00	5,789.27	5,770.27	5,770.27	36.54	199.72	147.48	-709.66	-736.71	1,967.99	1,736.52	231.47	8.502		
6,200.00	5,883.34	5,864.34	5,864.34	37.17	203.01	147.99	-709.66	-736.71	1,997.16	1,761.92	235.24	8.490		
6,300.00	5,977.41	5,958.41	5,958.41	37.81	206.29	148.49	-709.66	-736.71	2,026.47	1,787.47	239.00	8.479		
6,400.00	6,071.48	6,052.48	6,052.48	38.44	209.57	148.98	-709.66	-736.71	2,055.93	1,813.16	242.77	8.469		
6,500.00	6,165.55	6,146.55	6,146.55	39.08	212.86	149.45	-709.66	-736.71	2,085.52	1,838.99	246.53	8.459		
6,600.00	6,259.62	6,240.62	6,240.62	39.72	216.14	149.91	-709.66	-736.71	2,115.25	1,864.95	250.30	8.451		
6,677.33	6,332.36	6,313.36	6,313.36	40.21	218.68	150.26	-709.66	-736.71	2,138.32	1,885.11	253.21	8.445		
6,700.00	6,353.76	6,334.76	6,334.76	40.35	219.43	145.14	-709.66	-736.71	2,144.75	1,890.68	254.06	8.442		
6,750.00	6,401.37	6,382.37	6,382.37	40.64	221.09	132.04	-709.66	-736.71	2,156.47	1,900.52	255.95	8.425		
6,800.00	6,449.30	6,430.30	6,430.30	40.89	222.76	117.09	-709.66	-736.71	2,164.79	1,906.95	257.84	8.396		
6,850.00	6,497.25	6,478.25	6,478.25	41.11	224.43	102.11	-709.66	-736.71	2,169.66	1,909.96	259.70	8.355		
6,900.00	6,544.95	6,525.95	6,525.95	41.29	226.10	89.05	-709.66	-736.71	2,171.10	1,909.58	261.52	8.302		
6,950.00	6,592.08	6,573.08	6,573.08	41.45	227.74	78.82	-709.66	-736.71	2,169.13	1,905.84	263.29	8.239		
7,000.00	6,638.35	6,619.35	6,619.35	41.58	229.36	71.29	-709.66	-736.71	2,163.79	1,898.79	265.00	8.165		
7,050.00	6,683.50	6,664.50	6,664.50	41.70	230.94	65.95	-709.66	-736.71	2,155.16	1,888.53	266.63	8.083		
7,100.00	6,727.22	6,708.22	6,708.22	41.81	232.46	62.28	-709.66	-736.71	2,143.34	1,875.16	268.19	7.992		
7,150.00	6,769.26	6,750.26	6,750.26	41.92	233.93	59.90	-709.66	-736.71	2,128.44	1,858.79	269.66	7.893		
7,200.00	6,809.36	6,809.64	6,790.36	42.03	236.00	58.53	-709.66	-736.71	2,110.59	1,838.89	271.71	7.768		
7,250.00	6,847.27	6,828.27	6,828.27	42.15	236.65	58.01	-709.66	-736.71	2,089.96	1,817.64	272.32	7.675		
7,300.00	6,882.75	6,863.75	6,863.75	42.27	237.89	58.20	-709.66	-736.71	2,066.70	1,793.19	273.51	7.556		
7,350.00	6,915.58	6,903.42	6,896.58	42.41	239.28	59.04	-709.66	-736.71	2,041.02	1,766.18	274.85	7.426		
7,400.00	6,945.57	6,926.57	6,926.57	42.57	240.08	60.48	-709.66	-736.71	2,013.11	1,737.51	275.61	7.304		
7,450.00	6,972.53	6,953.53	6,953.53	42.75	241.03	62.48	-709.66	-736.71	1,983.19	1,706.68	276.51	7.172		
7,500.00	6,996.30	6,977.30	6,977.30	42.95	241.85	65.02	-709.66	-736.71	1,951.49	1,674.17	277.32	7.037		
7,550.00	7,016.72	7,002.28	6,997.72	43.17	242.73	68.09	-709.66	-736.71	1,918.23	1,640.02	278.21	6.895		
7,600.00	7,033.66	7,014.66	7,014.66	43.43	243.16	71.65	-709.66	-736.71	1,883.66	1,604.97	278.69	6.759		
7,650.00	7,047.04	7,028.04	7,028.04	43.72	243.63	75.65	-709.66	-736.71	1,848.02	1,568.77	279.25	6.618		
7,700.00	7,056.76	7,037.76	7,037.76	44.05	243.97	80.02	-709.66	-736.71	1,811.55	1,531.82	279.73	6.476		
7,750.00	7,062.76	7,043.76	7,043.76	44.41	244.17	84.68	-709.66	-736.71	1,774.49	1,494.35	280.13	6.334		
7,799.36	7,065.00	7,046.00	7,046.00	44.81	244.25	89.46	-709.66	-736.71	1,737.56	1,457.10	280.46	6.195		
7,900.00	7,065.83	7,046.83	7,046.83	45.73	244.28	89.50	-709.66	-736.71	1,663.40	1,382.23	281.18	5.916		
8,000.00	7,066.66	7,047.66	7,047.66	46.83	244.31	89.55	-709.66	-736.71	1,592.60	1,310.44	282.15	5.644		
8,100.00	7,067.49	7,048.49	7,048.49	48.11	244.34	89.59	-709.66	-736.71	1,525.07	1,241.63	283.44	5.381		
8,200.00	7,068.31	7,049.31	7,049.31	49.55	244.37	89.63	-709.66	-736.71	1,461.26	1,176.20	285.06	5.126		
8,300.00	7,069.14	7,050.14	7,050.14	51.14	244.40	89.67	-709.66	-736.71	1,401.69	1,114.65	287.04	4.883		
8,400.00	7,069.96	7,050.96	7,050.96	52.86	244.43	89.71	-709.66	-736.71	1,346.92	1,057.53	289.39	4.654		
8,500.00	7,070.79	7,051.79	7,051.79	54.70	244.45	89.75	-709.66	-736.71	1,297.56	1,005.48	292.08	4.442		
8,600.00	7,071.61	7,052.61	7,052.61	56.64	244.48	89.79	-709.66	-736.71	1,254.23	959.16	295.08	4.251		
8,700.00	7,072.44	7,053.44	7,053.44	58.68	244.51	89.83	-709.66	-736.71	1,217.60	919.29	298.31	4.082		
8,800.00	7,073.27	7,054.27	7,054.27	60.78	244.54	89.88	-709.66	-736.71	1,188.28	886.58	301.70	3.939		
8,900.00	7,074.09	7,055.09	7,055.09	62.96	244.57	89.92	-709.66	-736.71	1,166.81	861.69	305.12	3.824		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	7,055.92	7,055.92	65.19	244.60	89.96	-709.66	-736.71	1,153.65	845.19	308.46	3.740		
9,100.00	7,075.74	7,056.74	7,056.74	67.48	244.63	90.00	-709.66	-736.71	1,149.06	837.48	311.58	3.688		
9,102.78	7,075.77	7,056.77	7,056.77	67.55	244.63	90.00	-709.66	-736.71	1,149.06	837.39	311.67	3.687 ES		
9,200.00	7,076.57	7,057.57	7,057.57	69.82	244.66	90.04	-709.66	-736.71	1,153.16	838.76	314.40	3.668 SF		
9,300.00	7,077.40	7,058.40	7,058.40	72.19	244.69	90.08	-709.66	-736.71	1,165.86	849.03	316.83	3.680		
9,400.00	7,078.22	7,059.22	7,059.22	74.61	244.71	90.12	-709.66	-736.71	1,186.87	868.04	318.83	3.723		
9,500.00	7,079.05	7,060.05	7,060.05	77.05	244.74	90.16	-709.66	-736.71	1,215.78	895.38	320.39	3.795		
9,600.00	7,079.87	7,060.87	7,060.87	79.53	244.77	90.20	-709.66	-736.71	1,252.02	930.48	321.54	3.894		
9,700.00	7,080.70	7,061.70	7,061.70	82.03	244.80	90.25	-709.66	-736.71	1,294.99	972.68	322.30	4.018		
9,800.00	7,081.53	7,062.53	7,062.53	84.55	244.83	90.29	-709.66	-736.71	1,344.03	1,021.29	322.74	4.164		
9,900.00	7,082.35	7,063.35	7,063.35	87.10	244.86	90.33	-709.66	-736.71	1,398.52	1,075.61	322.91	4.331		
10,000.00	7,083.18	7,064.18	7,064.18	89.67	244.89	90.37	-709.66	-736.71	1,457.84	1,134.97	322.86	4.515		
10,100.00	7,084.00	7,065.00	7,065.00	92.25	244.92	90.41	-709.66	-736.71	1,521.42	1,198.77	322.65	4.715		
10,200.00	7,084.83	7,065.83	7,065.83	94.86	244.95	90.45	-709.66	-736.71	1,588.76	1,266.44	322.32	4.929		
10,300.00	7,085.65	7,066.65	7,066.65	97.47	244.97	90.49	-709.66	-736.71	1,659.39	1,337.50	321.89	5.155		
10,400.00	7,086.48	7,067.48	7,067.48	100.10	245.00	90.53	-709.66	-736.71	1,732.92	1,411.51	321.41	5.392		
10,500.00	7,087.31	7,068.31	7,068.31	102.75	245.03	90.58	-709.66	-736.71	1,808.99	1,488.10	320.89	5.637		
10,600.00	7,088.13	7,069.13	7,069.13	105.40	245.06	90.62	-709.66	-736.71	1,887.29	1,566.95	320.34	5.892		
10,700.00	7,088.96	7,069.96	7,069.96	108.07	245.09	90.66	-709.66	-736.71	1,967.56	1,647.77	319.79	6.153		
10,800.00	7,089.78	7,070.78	7,070.78	110.75	245.12	90.70	-709.66	-736.71	2,049.56	1,730.33	319.23	6.420		
10,900.00	7,090.61	7,071.61	7,071.61	113.43	245.15	90.74	-709.66	-736.71	2,133.10	1,814.42	318.68	6.693		
11,000.00	7,091.44	7,072.44	7,072.44	116.13	245.18	90.78	-709.66	-736.71	2,218.00	1,899.86	318.15	6.972		
11,100.00	7,092.26	7,073.26	7,073.26	118.83	245.20	90.82	-709.66	-736.71	2,304.12	1,986.49	317.63	7.254		
11,200.00	7,093.09	7,074.09	7,074.09	121.54	245.23	90.86	-709.66	-736.71	2,391.31	2,074.18	317.13	7.540		
11,300.00	7,093.91	7,074.91	7,074.91	124.25	245.26	90.90	-709.66	-736.71	2,479.47	2,162.83	316.65	7.830		
11,400.00	7,094.74	7,075.74	7,075.74	126.98	245.29	90.95	-709.66	-736.71	2,568.50	2,252.32	316.19	8.123		
11,500.00	7,095.57	7,076.57	7,076.57	129.70	245.32	90.99	-709.66	-736.71	2,658.31	2,342.57	315.75	8.419		
11,600.00	7,096.39	7,077.39	7,077.39	132.44	245.35	91.03	-709.66	-736.71	2,748.82	2,433.50	315.33	8.717		
11,700.00	7,097.22	7,078.22	7,078.22	135.18	245.38	91.07	-709.66	-736.71	2,839.97	2,525.05	314.93	9.018		
11,800.00	7,098.04	7,079.04	7,079.04	137.92	245.41	91.11	-709.66	-736.71	2,931.70	2,617.15	314.55	9.320		
11,900.00	7,098.87	7,079.87	7,079.87	140.67	245.44	91.15	-709.66	-736.71	3,023.95	2,709.76	314.18	9.625		
12,000.00	7,099.69	7,080.69	7,080.69	143.43	245.46	91.19	-709.66	-736.71	3,116.68	2,802.83	313.84	9.931		
12,100.00	7,100.52	7,081.52	7,081.52	146.19	245.49	91.23	-709.66	-736.71	3,209.84	2,896.32	313.52	10.238		
12,200.00	7,101.35	7,082.35	7,082.35	148.95	245.52	91.28	-709.66	-736.71	3,303.40	2,990.20	313.21	10.547		
12,300.00	7,102.17	7,083.17	7,083.17	151.71	245.55	91.32	-709.66	-736.71	3,397.33	3,084.42	312.91	10.857		
12,400.00	7,103.00	7,084.00	7,084.00	154.48	245.58	91.36	-709.66	-736.71	3,491.60	3,178.96	312.64	11.168		
12,500.00	7,103.82	7,084.82	7,084.82	157.26	245.61	91.40	-709.66	-736.71	3,586.18	3,273.80	312.37	11.480		
12,600.00	7,104.65	7,085.65	7,085.65	160.03	245.64	91.44	-709.66	-736.71	3,681.04	3,368.92	312.13	11.793		
12,700.00	7,105.48	7,086.48	7,086.48	162.81	245.67	91.48	-709.66	-736.71	3,776.17	3,464.28	311.89	12.107		
12,800.00	7,106.30	7,087.30	7,087.30	165.59	245.69	91.52	-709.66	-736.71	3,871.55	3,559.88	311.67	12.422		
12,900.00	7,107.13	7,088.13	7,088.13	168.38	245.72	91.56	-709.66	-736.71	3,967.15	3,655.69	311.46	12.737		
13,000.00	7,107.95	7,088.95	7,088.95	171.16	245.75	91.60	-709.66	-736.71	4,062.96	3,751.70	311.26	13.053		
13,100.00	7,108.78	7,089.78	7,089.78	173.95	245.78	91.65	-709.66	-736.71	4,158.97	3,847.90	311.07	13.370		
13,200.00	7,109.61	7,109.39	7,090.61	176.74	246.47	91.69	-709.66	-736.71	4,255.16	3,943.62	311.55	13.658		
13,300.00	7,110.43	7,108.57	7,091.43	179.54	246.44	91.73	-709.66	-736.71	4,351.53	4,040.21	311.32	13.978		
13,368.87	7,111.00	7,108.00	7,092.00	181.46	246.42	91.76	-709.66	-736.71	4,417.99	4,106.82	311.17	14.198		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-55.14	287.43	-412.69	503.21					
100.00	100.00	79.13	79.13	3.28	3.28	-55.10	287.89	-412.74	503.24	496.67	6.57	76.602		
200.00	200.00	179.82	179.81	3.34	3.33	-54.99	289.18	-412.85	504.06	497.40	6.67	75.625		
300.00	299.98	280.54	280.53	3.44	3.43	160.79	290.06	-412.88	506.24	499.37	6.87	73.711		
400.00	399.84	379.70	379.69	3.59	3.57	161.01	290.80	-413.00	511.71	504.55	7.17	71.400		
500.00	499.45	480.06	480.04	3.79	3.76	161.33	291.58	-413.15	520.54	512.98	7.56	68.867		
600.00	598.70	579.36	579.33	4.04	3.99	161.72	292.22	-413.22	532.54	524.51	8.03	66.341		
700.00	697.47	676.80	676.77	4.32	4.24	162.16	292.77	-413.46	547.96	539.40	8.56	64.026		
800.00	795.62	775.15	775.13	4.65	4.52	162.67	293.37	-413.85	566.85	557.70	9.15	61.963		
900.00	893.06	871.25	871.22	5.01	4.81	163.19	293.85	-414.30	589.06	579.28	9.78	60.238		
1,000.00	989.64	967.15	967.12	5.41	5.12	163.72	294.29	-415.05	614.81	604.36	10.45	58.841		
1,100.00	1,085.27	1,063.90	1,063.86	5.85	5.45	164.29	294.74	-415.71	643.80	632.64	11.16	57.708		
1,191.50	1,171.82	1,149.13	1,149.10	6.29	5.74	164.79	295.00	-416.24	673.08	661.26	11.82	56.957		
1,200.00	1,179.82	1,156.81	1,156.77	6.34	5.77	164.85	295.03	-416.30	675.94	664.06	11.88	56.878		
1,300.00	1,273.89	1,251.15	1,251.11	6.85	6.11	165.54	295.42	-417.21	709.81	697.19	12.62	56.233		
1,400.00	1,367.96	1,346.00	1,345.95	7.38	6.45	166.16	295.45	-417.96	743.41	730.02	13.38	55.543		
1,500.00	1,462.03	1,438.55	1,438.50	7.93	6.80	166.73	295.76	-418.70	777.25	763.10	14.15	54.921		
1,600.00	1,556.10	1,534.52	1,534.46	8.49	7.16	167.26	295.92	-419.53	811.12	796.17	14.95	54.248		
1,700.00	1,650.17	1,632.21	1,632.15	9.06	7.54	167.77	295.99	-419.87	844.62	828.85	15.77	53.545		
1,800.00	1,744.24	1,727.72	1,727.66	9.65	7.90	168.23	295.89	-420.00	877.91	861.31	16.59	52.906		
1,900.00	1,838.31	1,822.42	1,822.36	10.23	8.27	168.66	295.72	-420.06	911.15	893.73	17.42	52.315		
2,000.00	1,932.38	1,917.39	1,917.34	10.83	8.64	169.05	295.40	-420.14	944.34	926.09	18.25	51.748		
2,100.00	2,026.45	2,011.37	2,011.32	11.43	9.02	169.40	294.97	-420.33	977.57	958.48	19.08	51.230		
2,200.00	2,120.52	2,110.09	2,110.02	12.03	9.41	169.70	293.91	-420.79	1,010.60	990.65	19.95	50.652		
2,300.00	2,214.59	2,207.65	2,207.56	12.63	9.80	169.95	292.14	-421.46	1,043.30	1,022.48	20.82	50.107		
2,400.00	2,308.66	2,300.28	2,300.17	13.24	10.18	170.14	290.17	-422.31	1,075.96	1,054.30	21.67	49.663		
2,500.00	2,402.73	2,393.41	2,393.27	13.86	10.56	170.32	288.14	-423.37	1,108.75	1,086.24	22.52	49.242		
2,600.00	2,496.80	2,481.68	2,481.51	14.47	10.92	170.47	286.25	-424.74	1,141.85	1,118.51	23.34	48.925		
2,700.00	2,590.87	2,572.44	2,572.24	15.09	11.29	170.60	284.49	-426.57	1,175.39	1,151.20	24.18	48.609		
2,800.00	2,684.95	2,663.87	2,663.64	15.71	11.67	170.73	282.98	-428.43	1,209.14	1,184.11	25.03	48.310		
2,900.00	2,779.02	2,756.60	2,756.33	16.33	12.05	170.87	281.61	-430.40	1,243.08	1,217.20	25.89	48.017		
3,000.00	2,873.09	2,851.09	2,850.80	16.95	12.44	171.00	280.27	-432.40	1,277.06	1,250.29	26.76	47.718		
3,100.00	2,967.16	2,944.89	2,944.57	17.57	12.83	171.13	279.02	-434.22	1,310.98	1,283.35	27.63	47.442		
3,200.00	3,061.23	3,038.10	3,037.76	18.20	13.21	171.27	278.09	-435.82	1,345.00	1,316.50	28.50	47.191		
3,300.00	3,155.30	3,134.68	3,134.33	18.82	13.61	171.42	277.32	-437.22	1,378.98	1,349.59	29.40	46.912		
3,400.00	3,249.37	3,230.49	3,230.13	19.45	14.01	171.57	276.43	-438.32	1,412.69	1,382.40	30.28	46.647		
3,500.00	3,343.44	3,319.83	3,319.46	20.07	14.38	171.70	275.78	-439.49	1,446.64	1,415.52	31.13	46.476		
3,600.00	3,437.51	3,416.58	3,416.20	20.70	14.79	171.85	275.29	-440.56	1,480.62	1,448.59	32.03	46.232		
3,700.00	3,531.58	3,511.40	3,511.01	21.33	15.18	171.99	274.80	-441.37	1,514.45	1,481.54	32.91	46.016		
3,800.00	3,625.65	3,595.47	3,595.07	21.96	15.54	172.11	274.51	-442.37	1,548.61	1,514.89	33.72	45.931		
3,900.00	3,719.72	3,687.23	3,686.83	22.59	15.92	172.24	274.53	-443.63	1,583.15	1,548.57	34.58	45.782		
4,000.00	3,813.79	3,780.15	3,779.74	23.22	16.31	172.38	274.86	-444.69	1,617.77	1,582.32	35.45	45.630		
4,100.00	3,907.86	3,870.06	3,869.65	23.85	16.69	172.52	275.44	-445.58	1,652.51	1,616.21	36.30	45.518		
4,200.00	4,001.93	3,962.23	3,961.81	24.48	17.08	172.67	276.29	-446.50	1,687.46	1,650.29	37.17	45.394		
4,300.00	4,096.00	4,053.18	4,052.74	25.11	17.46	172.79	276.93	-447.70	1,722.48	1,684.44	38.03	45.288		
4,400.00	4,190.07	4,150.29	4,149.84	25.75	17.87	172.92	277.73	-449.06	1,757.62	1,718.67	38.94	45.131		
4,500.00	4,284.14	4,252.29	4,251.84	26.38	18.30	173.05	278.16	-450.15	1,792.28	1,752.39	39.90	44.925		
4,600.00	4,378.21	4,347.69	4,347.23	27.01	18.70	173.16	278.43	-450.94	1,826.72	1,785.92	40.79	44.779		
4,700.00	4,472.28	4,440.25	4,439.78	27.65	19.09	173.27	278.58	-451.88	1,861.18	1,819.51	41.67	44.665		
4,800.00	4,566.35	4,536.54	4,536.07	28.28	19.50	173.37	278.87	-452.77	1,895.68	1,853.11	42.58	44.524		
4,900.00	4,660.42	4,637.73	4,637.26	28.91	19.92	173.47	278.51	-453.87	1,929.84	1,886.32	43.52	44.340		
5,000.00	4,754.49	4,733.86	4,733.38	29.55	20.33	173.54	277.89	-454.93	1,963.81	1,919.38	44.43	44.200		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,829.41	4,828.92	30.18	20.73	173.61	277.07	-456.12	1,997.72	1,952.38	45.33	44.068		
5,200.00	4,942.63	4,924.85	4,924.35	30.82	21.14	173.67	276.02	-457.40	2,031.53	1,985.29	46.24	43.939		
5,300.00	5,036.70	5,017.98	5,017.46	31.45	21.53	173.72	274.89	-458.83	2,065.37	2,018.25	47.12	43.832		
5,400.00	5,130.77	5,117.88	5,117.34	32.09	21.96	173.77	273.67	-460.19	2,099.11	2,051.05	48.06	43.677		
5,500.00	5,224.84	5,221.67	5,221.10	32.72	22.40	173.82	271.91	-461.53	2,132.46	2,083.43	49.03	43.493		
5,600.00	5,318.91	5,319.31	5,318.73	33.36	22.81	173.88	270.35	-462.21	2,165.52	2,115.57	49.95	43.353		
5,700.00	5,412.98	5,411.35	5,410.77	33.99	23.20	173.94	269.24	-462.48	2,198.60	2,147.77	50.83	43.256		
5,800.00	5,507.06	5,507.88	5,507.28	34.63	23.61	174.01	268.09	-462.76	2,231.69	2,179.95	51.74	43.133		
5,900.00	5,601.13	5,616.47	5,615.86	35.26	24.07	174.08	266.42	-462.88	2,264.43	2,211.68	52.75	42.930		
6,000.00	5,695.20	5,703.53	5,702.91	35.90	24.43	174.14	265.15	-462.80	2,297.10	2,243.51	53.59	42.868		
6,100.00	5,789.27	5,798.78	5,798.15	36.54	24.84	174.20	263.77	-462.79	2,329.83	2,275.34	54.49	42.758		
6,200.00	5,883.34	5,902.76	5,902.13	37.17	25.28	174.27	262.18	-462.54	2,362.37	2,306.91	55.46	42.596		
6,300.00	5,977.41	5,983.41	5,982.76	37.81	25.62	174.34	261.26	-462.12	2,395.00	2,338.75	56.25	42.579		
6,400.00	6,071.48	6,085.15	6,084.50	38.44	26.05	174.42	260.46	-461.48	2,427.84	2,370.63	57.20	42.443		
6,500.00	6,165.55	6,179.77	6,179.11	39.08	26.45	174.50	259.55	-460.68	2,460.41	2,402.31	58.10	42.347		
6,600.00	6,259.62	6,278.77	6,278.10	39.72	26.86	174.57	258.44	-460.00	2,492.97	2,433.93	59.03	42.229		
6,677.33	6,332.36	6,346.78	6,346.11	40.21	27.15	174.62	257.73	-459.38	2,518.09	2,458.40	59.69	42.187		
6,700.00	6,353.76	6,365.67	6,364.99	40.35	27.23	169.16	257.57	-459.22	2,525.26	2,465.39	59.87	42.178		
6,750.00	6,401.37	6,408.93	6,408.25	40.64	27.41	155.36	257.27	-458.91	2,539.38	2,479.10	60.28	42.128		
6,800.00	6,449.30	6,458.39	6,457.71	40.89	27.62	139.80	256.94	-458.56	2,551.05	2,490.33	60.72	42.013		
6,850.00	6,497.25	6,507.87	6,507.19	41.11	27.83	124.29	256.58	-458.20	2,560.16	2,499.01	61.15	41.868		
6,900.00	6,544.95	6,552.08	6,551.39	41.29	28.02	110.73	256.23	-457.95	2,566.76	2,505.25	61.52	41.724		
6,950.00	6,592.08	6,596.48	6,595.79	41.45	28.21	100.06	255.86	-457.81	2,570.88	2,509.01	61.87	41.552		
7,000.00	6,638.35	6,645.79	6,645.10	41.58	28.42	92.16	255.39	-457.72	2,572.48	2,510.23	62.25	41.326		
7,050.00	6,683.50	6,694.43	6,693.74	41.70	28.62	86.48	254.83	-457.64	2,571.55	2,508.94	62.61	41.074		
7,100.00	6,727.22	6,732.54	6,731.84	41.81	28.78	82.40	254.39	-457.59	2,568.24	2,505.36	62.87	40.848		
7,150.00	6,769.26	6,767.97	6,767.28	41.92	28.93	79.56	254.09	-457.57	2,562.73	2,499.62	63.11	40.606		
7,200.00	6,809.36	6,801.84	6,801.15	42.03	29.08	77.70	253.90	-457.56	2,555.12	2,491.78	63.34	40.339		
7,250.00	6,847.27	6,835.67	6,834.97	42.15	29.22	76.62	253.76	-457.59	2,545.52	2,481.94	63.58	40.035		
7,300.00	6,882.75	6,867.39	6,866.69	42.27	29.36	76.16	253.67	-457.66	2,534.03	2,470.20	63.83	39.702		
7,350.00	6,915.58	6,896.81	6,896.11	42.41	29.48	76.21	253.62	-457.75	2,520.79	2,456.71	64.08	39.337		
7,400.00	6,945.57	6,925.54	6,924.84	42.57	29.60	76.71	253.58	-457.87	2,505.94	2,441.57	64.37	38.929		
7,450.00	6,972.53	6,951.61	6,950.92	42.75	29.72	77.58	253.56	-457.98	2,489.64	2,424.95	64.69	38.484		
7,500.00	6,996.30	6,974.64	6,973.94	42.95	29.81	78.75	253.55	-458.08	2,472.04	2,407.00	65.05	38.004		
7,550.00	7,016.72	6,994.46	6,993.77	43.17	29.90	80.17	253.55	-458.18	2,453.33	2,387.89	65.44	37.489		
7,600.00	7,033.66	7,012.78	7,012.08	43.43	29.98	81.85	253.54	-458.26	2,433.68	2,367.78	65.90	36.930		
7,650.00	7,047.04	7,027.98	7,027.29	43.72	30.04	83.70	253.53	-458.33	2,413.24	2,346.83	66.41	36.338		
7,700.00	7,056.76	7,039.08	7,038.38	44.05	30.09	85.66	253.52	-458.37	2,392.20	2,325.23	66.97	35.722		
7,750.00	7,062.76	7,046.00	7,045.30	44.41	30.12	87.71	253.51	-458.40	2,370.71	2,303.15	67.56	35.089		
7,799.36	7,065.00	7,048.72	7,048.02	44.81	30.13	89.77	253.50	-458.41	2,349.23	2,281.04	68.19	34.451		
7,900.00	7,065.83	7,050.06	7,049.37	45.73	30.14	89.81	253.50	-458.41	2,307.00	2,237.38	69.63	33.134		
8,000.00	7,066.66	7,051.40	7,050.70	46.83	30.14	89.84	253.50	-458.42	2,268.69	2,197.40	71.29	31.823		
8,100.00	7,067.49	7,052.73	7,052.03	48.11	30.15	89.88	253.50	-458.42	2,234.21	2,161.03	73.18	30.532		
8,200.00	7,068.31	7,054.05	7,053.35	49.55	30.15	89.91	253.49	-458.43	2,203.72	2,128.46	75.26	29.282		
8,300.00	7,069.14	7,055.37	7,054.67	51.14	30.16	89.95	253.49	-458.43	2,177.40	2,099.89	77.51	28.091		
8,400.00	7,069.96	7,056.68	7,055.98	52.86	30.16	89.99	253.49	-458.44	2,155.41	2,075.51	79.90	26.975		
8,500.00	7,070.79	7,057.98	7,057.28	54.70	30.17	90.02	253.49	-458.44	2,137.87	2,055.47	82.40	25.946		
8,600.00	7,071.61	7,059.28	7,058.58	56.64	30.17	90.06	253.48	-458.45	2,124.89	2,039.93	84.96	25.010		
8,700.00	7,072.44	7,060.57	7,059.87	58.68	30.18	90.09	253.48	-458.45	2,116.57	2,029.01	87.56	24.172		
8,800.00	7,073.27	7,061.86	7,061.16	60.78	30.19	90.13	253.48	-458.46	2,112.95	2,022.78	90.16	23.435		
8,826.58	7,073.49	7,062.20	7,061.50	61.36	30.19	90.14	253.48	-458.46	2,112.78	2,021.93	90.86	23.254		
8,900.00	7,074.09	7,063.14	7,062.45	62.96	30.19	90.16	253.47	-458.46	2,114.06	2,021.32	92.73	22.797		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	7,064.42	7,063.72	65.19	30.20	90.20	253.47	-458.47	2,119.89	2,024.64	95.25	22.257		
9,100.00	7,075.74	7,065.69	7,064.99	67.48	30.20	90.23	253.47	-458.47	2,130.40	2,032.73	97.67	21.812		
9,200.00	7,076.57	7,066.96	7,066.26	69.82	30.21	90.27	253.46	-458.47	2,145.52	2,045.53	99.99	21.457		
9,300.00	7,077.40	7,068.22	7,067.52	72.19	30.21	90.30	253.46	-458.48	2,165.17	2,062.98	102.19	21.188		
9,400.00	7,078.22	7,069.47	7,068.78	74.61	30.22	90.33	253.46	-458.48	2,189.20	2,084.95	104.25	21.000		
9,500.00	7,079.05	7,070.72	7,070.02	77.05	30.22	90.37	253.45	-458.49	2,217.49	2,111.33	106.17	20.887		
9,600.00	7,079.87	7,071.97	7,071.27	79.53	30.23	90.40	253.45	-458.49	2,249.88	2,141.94	107.94	20.845 SF		
9,700.00	7,080.70	7,073.21	7,072.51	82.03	30.23	90.43	253.45	-458.50	2,286.18	2,176.62	109.55	20.868		
9,800.00	7,081.53	7,074.44	7,073.74	84.55	30.24	90.47	253.44	-458.50	2,326.21	2,215.19	111.02	20.953		
9,900.00	7,082.35	7,075.67	7,074.97	87.10	30.24	90.50	253.44	-458.50	2,369.79	2,257.45	112.35	21.094		
10,000.00	7,083.18	7,076.89	7,076.19	89.67	30.25	90.53	253.44	-458.51	2,416.73	2,303.19	113.53	21.287		
10,100.00	7,084.00	7,078.11	7,077.41	92.25	30.25	90.57	253.43	-458.51	2,466.82	2,352.23	114.59	21.528		
10,200.00	7,084.83	7,079.32	7,078.63	94.86	30.26	90.60	253.43	-458.52	2,519.89	2,404.37	115.52	21.814		
10,300.00	7,085.65	7,080.53	7,079.83	97.47	30.26	90.63	253.43	-458.52	2,575.75	2,459.41	116.34	22.140		
10,400.00	7,086.48	7,081.74	7,081.04	100.10	30.27	90.67	253.42	-458.52	2,634.23	2,517.17	117.05	22.505		
10,500.00	7,087.31	7,082.93	7,082.24	102.75	30.28	90.70	253.42	-458.53	2,695.14	2,577.47	117.67	22.904		
10,600.00	7,088.13	7,084.13	7,083.43	105.40	30.28	90.73	253.41	-458.53	2,758.34	2,640.14	118.20	23.336		
10,700.00	7,088.96	7,085.32	7,084.62	108.07	30.29	90.76	253.41	-458.53	2,823.66	2,705.01	118.65	23.798		
10,800.00	7,089.78	7,086.50	7,085.80	110.75	30.29	90.79	253.41	-458.54	2,890.96	2,771.93	119.03	24.287		
10,900.00	7,090.61	7,087.68	7,086.98	113.43	30.30	90.83	253.40	-458.54	2,960.12	2,840.77	119.35	24.802		
11,000.00	7,091.44	7,088.85	7,088.15	116.13	30.30	90.86	253.40	-458.55	3,030.99	2,911.38	119.61	25.340		
11,100.00	7,092.26	7,090.02	7,089.32	118.83	30.31	90.89	253.39	-458.55	3,103.47	2,983.65	119.83	25.900		
11,200.00	7,093.09	7,091.18	7,090.48	121.54	30.31	90.92	253.39	-458.55	3,177.45	3,057.45	119.99	26.480		
11,300.00	7,093.91	7,092.34	7,091.64	124.25	30.32	90.95	253.39	-458.56	3,252.81	3,132.69	120.12	27.079		
11,400.00	7,094.74	7,093.50	7,092.80	126.98	30.32	90.98	253.38	-458.56	3,329.47	3,209.26	120.22	27.696		
11,500.00	7,095.57	7,094.64	7,093.95	129.70	30.33	91.02	253.38	-458.56	3,407.35	3,287.07	120.28	28.329		
11,600.00	7,096.39	7,095.79	7,095.09	132.44	30.33	91.05	253.37	-458.57	3,486.35	3,366.03	120.32	28.976		
11,700.00	7,097.22	7,096.93	7,096.23	135.18	30.33	91.08	253.37	-458.57	3,566.40	3,446.07	120.33	29.638		
11,800.00	7,098.04	7,098.07	7,097.37	137.92	30.34	91.11	253.37	-458.57	3,647.44	3,527.12	120.33	30.313		
11,900.00	7,098.87	7,099.20	7,098.50	140.67	30.34	91.14	253.36	-458.57	3,729.40	3,609.10	120.30	31.000		
12,000.00	7,099.69	7,100.35	7,099.65	143.43	30.35	91.17	253.36	-458.58	3,812.22	3,691.95	120.27	31.698		
12,100.00	7,100.52	7,101.56	7,100.86	146.19	30.35	91.20	253.35	-458.58	3,895.85	3,775.63	120.22	32.407		
12,200.00	7,101.35	7,102.79	7,102.09	148.95	30.36	91.24	253.35	-458.59	3,980.23	3,860.07	120.16	33.126		
12,300.00	7,102.17	7,104.04	7,103.34	151.71	30.37	91.27	253.34	-458.59	4,065.32	3,945.23	120.09	33.854		
12,400.00	7,103.00	7,105.30	7,104.60	154.48	30.37	91.30	253.34	-458.59	4,151.07	4,031.07	120.01	34.590		
12,500.00	7,103.82	7,106.58	7,105.88	157.26	30.38	91.34	253.33	-458.60	4,237.45	4,117.53	119.92	35.335		
12,600.00	7,104.65	7,107.88	7,107.18	160.03	30.38	91.37	253.33	-458.60	4,324.42	4,204.58	119.83	36.087		
12,700.00	7,105.48	7,109.19	7,108.49	162.81	30.39	91.41	253.32	-458.61	4,411.93	4,292.19	119.74	36.847		
12,800.00	7,106.30	7,110.52	7,109.82	165.59	30.39	91.45	253.32	-458.61	4,499.97	4,380.33	119.64	37.613		
12,900.00	7,107.13	7,111.87	7,111.17	168.38	30.40	91.48	253.32	-458.61	4,588.50	4,468.96	119.54	38.385		
13,000.00	7,107.95	7,113.24	7,112.54	171.16	30.40	91.52	253.31	-458.62	4,677.49	4,558.05	119.44	39.163		
13,100.00	7,108.78	7,114.63	7,113.93	173.95	30.41	91.56	253.31	-458.62	4,766.91	4,647.58	119.33	39.947		
13,200.00	7,109.61	7,116.03	7,115.33	176.74	30.42	91.60	253.30	-458.63	4,856.75	4,737.52	119.23	40.735		
13,300.00	7,110.43	7,117.46	7,116.76	179.54	30.42	91.63	253.30	-458.63	4,946.97	4,827.85	119.12	41.529		
13,368.87	7,111.00	7,118.45	7,117.75	181.46	30.43	91.66	253.29	-458.64	5,009.33	4,890.28	119.05	42.078		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-117.34	-2,216.80	-4,286.72	4,826.01					
100.00	100.00	106.56	106.56	3.28	3.29	-117.35	-2,216.71	-4,286.51	4,825.81	4,819.23	6.57	734.211		
192.67	192.67	178.67	178.67	3.33	3.33	-117.34	-2,216.53	-4,286.46	4,825.63	4,818.98	6.66	724.868		
200.00	200.00	184.56	184.56	3.34	3.33	-117.34	-2,216.51	-4,286.47	4,825.63	4,818.97	6.67	723.777		
300.00	299.98	318.64	318.64	3.44	3.48	98.35	-2,215.59	-4,286.58	4,825.67	4,818.75	6.92	697.733		
342.86	342.80	363.84	363.84	3.50	3.54	98.37	-2,215.26	-4,286.42	4,825.66	4,818.61	7.04	685.071		
400.00	399.84	417.39	417.38	3.59	3.64	98.41	-2,214.97	-4,286.11	4,825.72	4,818.49	7.23	667.616		
500.00	499.45	485.04	485.03	3.79	3.77	98.46	-2,214.82	-4,285.94	4,826.68	4,819.12	7.56	638.365		
600.00	598.70	585.16	585.16	4.04	4.00	98.57	-2,214.58	-4,286.15	4,828.57	4,820.54	8.03	601.078		
700.00	697.47	722.28	722.27	4.32	4.36	98.79	-2,213.51	-4,286.02	4,830.52	4,821.83	8.68	556.401		
800.00	795.62	818.09	818.07	4.65	4.64	98.97	-2,212.95	-4,285.42	4,832.68	4,823.39	9.29	520.311		
900.00	893.06	895.43	895.41	5.01	4.88	99.11	-2,212.82	-4,285.02	4,835.75	4,825.85	9.89	488.840		
1,000.00	989.64	971.12	971.10	5.41	5.13	99.26	-2,212.83	-4,284.91	4,839.89	4,829.35	10.54	459.257		
1,100.00	1,085.27	1,057.07	1,057.05	5.85	5.42	99.45	-2,212.74	-4,285.18	4,845.10	4,833.84	11.27	430.060		
1,191.50	1,171.82	1,162.09	1,162.07	6.29	5.78	99.75	-2,212.22	-4,285.65	4,850.52	4,838.45	12.07	401.953		
1,200.00	1,179.82	1,173.83	1,173.81	6.34	5.82	99.80	-2,212.15	-4,285.67	4,851.02	4,838.87	12.15	399.230		
1,300.00	1,273.89	1,271.19	1,271.17	6.85	6.17	100.19	-2,211.62	-4,285.62	4,856.98	4,843.97	13.01	373.331		
1,400.00	1,367.96	1,355.89	1,355.86	7.38	6.48	100.52	-2,211.60	-4,285.50	4,863.30	4,849.45	13.85	351.171		
1,500.00	1,462.03	1,434.55	1,434.53	7.93	6.77	100.83	-2,211.80	-4,285.48	4,870.07	4,855.38	14.68	331.644		
1,600.00	1,556.10	1,509.22	1,509.20	8.49	7.05	101.12	-2,212.06	-4,285.77	4,877.43	4,861.91	15.52	314.259		
1,700.00	1,650.17	1,592.95	1,592.93	9.06	7.37	101.45	-2,212.40	-4,286.33	4,885.29	4,868.89	16.40	297.814		
1,800.00	1,744.24	1,676.15	1,676.12	9.65	7.69	101.77	-2,212.91	-4,287.01	4,893.58	4,876.28	17.30	282.926		
1,900.00	1,838.31	1,759.28	1,759.24	10.23	8.01	102.09	-2,213.64	-4,287.80	4,902.30	4,884.10	18.20	269.389		
2,000.00	1,932.38	1,879.65	1,879.61	10.83	8.48	102.55	-2,214.55	-4,289.00	4,911.26	4,892.00	19.26	255.022		
2,100.00	2,026.45	2,001.41	2,001.36	11.43	8.96	103.02	-2,215.31	-4,289.31	4,919.71	4,899.38	20.33	241.950		
2,200.00	2,120.52	2,133.01	2,132.95	12.03	9.49	103.52	-2,215.49	-4,288.89	4,927.68	4,906.22	21.46	229.656		
2,300.00	2,214.59	2,223.58	2,223.52	12.63	9.85	103.87	-2,215.56	-4,288.34	4,935.62	4,913.20	22.42	220.169		
2,400.00	2,308.66	2,300.00	2,299.94	13.24	10.16	104.15	-2,216.09	-4,287.89	4,944.00	4,920.68	23.32	211.978		
2,500.00	2,402.73	2,363.18	2,363.12	13.86	10.42	104.39	-2,216.77	-4,287.76	4,953.06	4,928.88	24.18	204.880		
2,600.00	2,496.80	2,436.92	2,436.85	14.47	10.72	104.66	-2,217.57	-4,288.11	4,962.89	4,937.82	25.07	197.934		
2,700.00	2,590.87	2,536.85	2,536.78	15.09	11.12	105.03	-2,218.43	-4,288.78	4,973.06	4,946.98	26.09	190.646		
2,800.00	2,684.95	2,647.69	2,647.61	15.71	11.58	105.44	-2,219.33	-4,289.17	4,983.13	4,955.98	27.15	183.563		
2,900.00	2,779.02	2,744.67	2,744.58	16.33	11.98	105.80	-2,220.20	-4,289.29	4,993.23	4,965.08	28.15	177.375		
3,000.00	2,873.09	2,826.00	2,825.91	16.95	12.31	106.10	-2,221.12	-4,289.38	5,003.60	4,974.51	29.09	172.014		
3,100.00	2,967.16	2,890.64	2,890.54	17.57	12.58	106.33	-2,221.85	-4,289.79	5,014.62	4,984.67	29.95	167.417		
3,200.00	3,061.23	3,016.84	3,016.74	18.20	13.10	106.80	-2,222.80	-4,290.80	5,025.91	4,994.82	31.09	161.660		
3,300.00	3,155.30	3,119.24	3,119.14	18.82	13.52	107.17	-2,223.48	-4,291.09	5,036.89	5,004.77	32.12	156.804		
3,400.00	3,249.37	3,192.82	3,192.71	19.45	13.83	107.44	-2,224.27	-4,291.34	5,048.23	5,015.20	33.03	152.848		
3,500.00	3,343.44	3,268.29	3,268.18	20.07	14.14	107.71	-2,225.26	-4,291.86	5,060.13	5,026.19	33.94	149.085		
3,600.00	3,437.51	3,384.39	3,384.26	20.70	14.62	108.13	-2,226.44	-4,292.87	5,072.36	5,037.32	35.04	144.768		
3,700.00	3,531.58	3,485.10	3,484.97	21.33	15.04	108.49	-2,226.87	-4,293.44	5,084.32	5,048.25	36.07	140.975		
3,800.00	3,625.65	3,580.42	3,580.29	21.96	15.44	108.84	-2,227.21	-4,293.97	5,096.44	5,059.37	37.07	137.485		
3,900.00	3,719.72	3,675.72	3,675.58	22.59	15.84	109.18	-2,227.49	-4,294.49	5,108.74	5,070.67	38.07	134.185		
4,000.00	3,813.79	3,770.98	3,770.85	23.22	16.24	109.53	-2,227.72	-4,294.99	5,121.21	5,082.13	39.08	131.059		
4,100.00	3,907.86	3,866.22	3,866.08	23.85	16.64	109.87	-2,227.90	-4,295.49	5,133.85	5,093.78	40.08	128.095		
4,200.00	4,001.93	3,961.43	3,961.29	24.48	17.04	110.21	-2,228.02	-4,295.98	5,146.67	5,105.59	41.08	125.281		
4,300.00	4,096.00	4,056.61	4,056.47	25.11	17.44	110.55	-2,228.08	-4,296.46	5,159.66	5,117.58	42.08	122.607		
4,400.00	4,190.07	4,151.76	4,151.62	25.75	17.84	110.89	-2,228.09	-4,296.93	5,172.82	5,129.74	43.08	120.062		
4,500.00	4,284.14	4,250.06	4,249.92	26.38	18.25	111.24	-2,228.00	-4,297.41	5,186.14	5,142.04	44.10	117.599		
4,600.00	4,378.21	4,348.76	4,348.62	27.01	18.67	111.59	-2,227.58	-4,297.84	5,199.54	5,154.43	45.12	115.246		
4,700.00	4,472.28	4,442.36	4,442.21	27.65	19.06	111.93	-2,226.91	-4,298.27	5,213.10	5,166.99	46.11	113.061		
4,800.00	4,566.35	4,523.50	4,523.35	28.28	19.41	112.22	-2,226.29	-4,298.70	5,226.92	5,179.88	47.04	111.114		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.00	4,660.42	4,587.57	4,587.41	28.91	19.68	112.45	-2,225.74	-4,299.37	5,241.37	5,193.48	47.89	109.444		
5,000.00	4,754.49	4,692.19	4,692.02	29.55	20.12	112.82	-2,224.73	-4,300.74	5,256.25	5,207.32	48.93	107.418		
5,100.00	4,848.56	4,794.94	4,794.76	30.18	20.55	113.19	-2,223.67	-4,301.82	5,271.07	5,221.11	49.97	105.495		
5,200.00	4,942.63	4,920.08	4,919.90	30.82	21.08	113.62	-2,223.38	-4,302.40	5,285.67	5,234.56	51.10	103.429		
5,300.00	5,036.70	5,005.52	5,005.33	31.45	21.44	113.90	-2,224.09	-4,302.47	5,300.29	5,248.24	52.05	101.824		
5,400.00	5,130.77	5,080.28	5,080.09	32.09	21.76	114.15	-2,224.81	-4,302.73	5,315.35	5,262.40	52.95	100.384		
5,500.00	5,224.84	5,166.35	5,166.16	32.72	22.12	114.43	-2,225.41	-4,303.32	5,330.84	5,276.94	53.90	98.903		
5,600.00	5,318.91	5,256.01	5,255.81	33.36	22.50	114.73	-2,225.70	-4,304.07	5,346.59	5,291.72	54.87	97.448		
5,700.00	5,412.98	5,391.29	5,391.08	33.99	23.07	115.18	-2,226.32	-4,304.90	5,362.38	5,306.33	56.05	95.664		
5,800.00	5,507.06	5,489.79	5,489.58	34.63	23.49	115.49	-2,227.26	-4,304.82	5,377.71	5,320.65	57.06	94.242		
5,900.00	5,601.13	5,599.40	5,599.18	35.26	23.96	115.84	-2,229.03	-4,304.48	5,393.07	5,334.95	58.12	92.785		
6,000.00	5,695.20	5,679.42	5,679.18	35.90	24.29	116.09	-2,230.20	-4,304.23	5,408.56	5,349.52	59.04	91.607		
6,100.00	5,789.27	5,746.52	5,746.28	36.54	24.58	116.29	-2,231.10	-4,304.27	5,424.55	5,364.66	59.89	90.573		
6,200.00	5,883.34	5,813.86	5,813.61	37.17	24.86	116.50	-2,232.09	-4,304.70	5,441.22	5,380.48	60.74	89.582		
6,300.00	5,977.41	5,910.88	5,910.62	37.81	25.28	116.81	-2,233.05	-4,305.57	5,458.24	5,396.51	61.74	88.412		
6,400.00	6,071.48	6,036.87	6,036.61	38.44	25.81	117.21	-2,233.26	-4,306.43	5,475.13	5,412.25	62.88	87.075		
6,500.00	6,165.55	6,157.35	6,157.09	39.08	26.32	117.60	-2,233.26	-4,306.53	5,491.58	5,427.59	63.99	85.821		
6,600.00	6,259.62	6,345.11	6,254.63	39.72	27.12	117.90	-2,233.53	-4,306.33	5,507.97	5,442.61	65.37	84.263		
6,677.33	6,332.36	6,327.78	6,327.52	40.21	27.04	118.13	-2,233.91	-4,306.17	5,520.75	5,455.01	65.74	83.978		
6,700.00	6,353.76	6,349.22	6,348.96	40.35	27.14	113.27	-2,234.03	-4,306.12	5,524.12	5,458.16	65.96	83.749		
6,750.00	6,401.37	6,396.92	6,396.65	40.64	27.34	100.57	-2,234.28	-4,306.02	5,528.76	5,462.33	66.43	83.224		
6,800.00	6,449.30	6,444.93	6,444.66	40.89	27.54	85.79	-2,234.53	-4,305.91	5,529.54	5,462.66	66.88	82.678		
6,850.00	6,497.25	6,492.95	6,492.69	41.11	27.75	70.77	-2,234.79	-4,305.80	5,526.44	5,459.14	67.30	82.119		
6,900.00	6,544.95	6,540.71	6,540.44	41.29	27.95	57.46	-2,235.04	-4,305.70	5,519.49	5,451.81	67.68	81.552		
6,950.00	6,592.08	6,587.89	6,587.62	41.45	28.15	46.77	-2,235.29	-4,305.59	5,508.73	5,440.70	68.03	80.978		
7,000.00	6,638.35	6,634.21	6,633.94	41.58	28.35	38.57	-2,235.54	-4,305.49	5,494.21	5,425.87	68.34	80.395		
7,050.00	6,683.50	6,679.38	6,679.11	41.70	28.54	32.33	-2,235.78	-4,305.39	5,476.02	5,407.40	68.62	79.800		
7,100.00	6,727.22	6,723.13	6,722.86	41.81	28.72	27.52	-2,236.01	-4,305.29	5,454.28	5,385.41	68.87	79.192		
7,150.00	6,769.26	6,765.18	6,764.91	41.92	28.90	23.74	-2,236.23	-4,305.19	5,429.11	5,360.01	69.10	78.569		
7,200.00	6,809.36	6,805.27	6,805.00	42.03	29.07	20.68	-2,236.45	-4,305.11	5,400.65	5,331.35	69.30	77.930		
7,250.00	6,847.27	6,843.17	6,842.90	42.15	29.23	18.14	-2,236.65	-4,305.02	5,369.10	5,299.62	69.48	77.276		
7,300.00	6,882.75	6,878.63	6,878.36	42.27	29.38	15.96	-2,236.84	-4,304.94	5,334.62	5,264.98	69.64	76.607		
7,350.00	6,915.58	6,911.43	6,911.16	42.41	29.52	14.00	-2,237.01	-4,304.87	5,297.44	5,227.66	69.77	75.924		
7,400.00	6,945.57	6,941.38	6,941.11	42.57	29.65	12.14	-2,237.17	-4,304.80	5,257.77	5,187.88	69.89	75.228		
7,450.00	6,972.53	6,968.29	6,968.02	42.75	29.77	10.27	-2,237.31	-4,304.74	5,215.87	5,145.87	69.99	74.520		
7,500.00	6,996.30	6,991.99	6,991.72	42.95	29.87	8.23	-2,237.44	-4,304.69	5,171.98	5,101.90	70.08	73.801		
7,550.00	7,016.72	7,012.34	7,012.06	43.17	29.95	5.77	-2,237.55	-4,304.64	5,126.37	5,056.22	70.15	73.075		
7,600.00	7,033.66	7,029.21	7,028.93	43.43	30.02	2.45	-2,237.64	-4,304.61	5,079.33	5,009.12	70.21	72.342		
7,650.00	7,047.04	7,042.49	7,042.22	43.72	30.08	-2.70	-2,237.71	-4,304.58	5,031.14	4,960.88	70.26	71.606		
7,700.00	7,056.76	7,052.12	7,051.84	44.05	30.12	-12.31	-2,237.76	-4,304.55	4,982.10	4,911.80	70.30	70.869		
7,750.00	7,062.76	7,058.02	7,057.74	44.41	30.15	-35.13	-2,237.79	-4,304.54	4,932.52	4,862.19	70.33	70.133		
7,799.36	7,065.00	7,060.15	7,059.88	44.81	30.16	-85.37	-2,237.80	-4,304.54	4,883.33	4,812.98	70.35	69.411		
7,900.00	7,065.83	7,060.76	7,060.48	45.73	30.16	-85.46	-2,237.80	-4,304.53	4,783.01	4,712.62	70.40	67.945		
8,000.00	7,066.66	7,061.36	7,061.08	46.83	30.16	-85.54	-2,237.81	-4,304.53	4,683.35	4,612.91	70.44	66.486		
8,100.00	7,067.49	7,061.96	7,061.68	48.11	30.16	-85.63	-2,237.81	-4,304.53	4,583.70	4,513.21	70.49	65.024		
8,200.00	7,068.31	7,062.56	7,062.29	49.55	30.17	-85.72	-2,237.81	-4,304.53	4,484.07	4,413.52	70.55	63.560		
8,300.00	7,069.14	7,063.16	7,062.89	51.14	30.17	-85.81	-2,237.82	-4,304.53	4,384.45	4,313.84	70.61	62.094		
8,400.00	7,069.96	7,063.76	7,063.49	52.86	30.17	-85.90	-2,237.82	-4,304.53	4,284.85	4,214.17	70.68	60.626		
8,500.00	7,070.79	7,064.37	7,064.09	54.70	30.17	-85.99	-2,237.82	-4,304.53	4,185.27	4,114.52	70.75	59.155		
8,600.00	7,071.61	7,064.97	7,064.69	56.64	30.18	-86.08	-2,237.83	-4,304.53	4,085.71	4,014.88	70.83	57.682		
8,700.00	7,072.44	7,065.57	7,065.29	58.68	30.18	-86.16	-2,237.83	-4,304.52	3,986.17	3,915.25	70.92	56.207		
8,800.00	7,073.27	7,066.17	7,065.89	60.78	30.18	-86.25	-2,237.83	-4,304.52	3,886.66	3,815.64	71.02	54.729		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,074.09	7,066.77	7,066.50	62.96	30.18	-86.34	-2,237.84	-4,304.52	3,787.17	3,716.05	71.12	53.248		
9,000.00	7,074.92	7,067.37	7,067.10	65.19	30.19	-86.43	-2,237.84	-4,304.52	3,687.71	3,616.47	71.24	51.765		
9,100.00	7,075.74	7,067.97	7,067.70	67.48	30.19	-86.52	-2,237.84	-4,304.52	3,588.28	3,516.91	71.37	50.279		
9,200.00	7,076.57	7,068.58	7,068.30	69.82	30.19	-86.61	-2,237.85	-4,304.52	3,488.88	3,417.37	71.51	48.790		
9,300.00	7,077.40	7,069.18	7,068.90	72.19	30.19	-86.70	-2,237.85	-4,304.52	3,389.51	3,317.85	71.66	47.298		
9,400.00	7,078.22	7,069.78	7,069.50	74.61	30.20	-86.79	-2,237.85	-4,304.51	3,290.19	3,218.35	71.83	45.804		
9,500.00	7,079.05	7,070.38	7,070.10	77.05	30.20	-86.88	-2,237.85	-4,304.51	3,190.90	3,118.88	72.02	44.306		
9,600.00	7,079.87	7,070.98	7,070.71	79.53	30.20	-86.96	-2,237.86	-4,304.51	3,091.67	3,019.44	72.23	42.805		
9,700.00	7,080.70	7,071.58	7,071.31	82.03	30.21	-87.05	-2,237.86	-4,304.51	2,992.48	2,920.02	72.46	41.300		
9,800.00	7,081.53	7,072.18	7,071.91	84.55	30.21	-87.14	-2,237.86	-4,304.51	2,893.35	2,820.64	72.71	39.792		
9,900.00	7,082.35	7,072.79	7,072.51	87.10	30.21	-87.23	-2,237.87	-4,304.51	2,794.28	2,721.28	72.99	38.281		
10,000.00	7,083.18	7,073.39	7,073.11	89.67	30.21	-87.32	-2,237.87	-4,304.51	2,695.28	2,621.97	73.31	36.765		
10,100.00	7,084.00	7,073.99	7,073.71	92.25	30.22	-87.41	-2,237.87	-4,304.51	2,596.36	2,522.69	73.66	35.246		
10,200.00	7,084.83	7,074.59	7,074.31	94.86	30.22	-87.50	-2,237.88	-4,304.50	2,497.52	2,423.46	74.06	33.723		
10,300.00	7,085.65	7,075.19	7,074.92	97.47	30.22	-87.59	-2,237.88	-4,304.50	2,398.77	2,324.27	74.51	32.196		
10,400.00	7,086.48	7,075.79	7,075.52	100.10	30.22	-87.68	-2,237.88	-4,304.50	2,300.14	2,225.13	75.01	30.665		
10,500.00	7,087.31	7,076.39	7,076.12	102.75	30.23	-87.77	-2,237.89	-4,304.50	2,201.63	2,126.05	75.58	29.130		
10,600.00	7,088.13	7,077.00	7,076.72	105.40	30.23	-87.85	-2,237.89	-4,304.50	2,103.26	2,027.03	76.23	27.592		
10,700.00	7,088.96	7,077.60	7,077.32	108.07	30.23	-87.94	-2,237.89	-4,304.50	2,005.05	1,928.08	76.97	26.051		
10,800.00	7,089.78	7,078.20	7,077.92	110.75	30.23	-88.03	-2,237.90	-4,304.50	1,907.03	1,829.21	77.82	24.506		
10,900.00	7,090.61	7,078.80	7,078.53	113.43	30.24	-88.12	-2,237.90	-4,304.49	1,809.22	1,730.42	78.80	22.960		
11,000.00	7,091.44	7,079.40	7,079.13	116.13	30.24	-88.21	-2,237.90	-4,304.49	1,711.67	1,631.73	79.94	21.413		
11,100.00	7,092.26	7,080.00	7,079.73	118.83	30.24	-88.30	-2,237.91	-4,304.49	1,614.41	1,533.15	81.26	19.867		
11,200.00	7,093.09	7,080.61	7,080.33	121.54	30.24	-88.39	-2,237.91	-4,304.49	1,517.51	1,434.70	82.81	18.325		
11,300.00	7,093.91	7,081.21	7,080.93	124.25	30.25	-88.48	-2,237.91	-4,304.49	1,421.05	1,336.40	84.65	16.788		
11,400.00	7,094.74	7,081.81	7,081.53	126.98	30.25	-88.57	-2,237.92	-4,304.49	1,325.10	1,238.28	86.82	15.262		
11,500.00	7,095.57	7,082.41	7,082.13	129.70	30.25	-88.66	-2,237.92	-4,304.49	1,229.80	1,140.38	89.42	13.753		
11,600.00	7,096.39	7,083.01	7,082.74	132.44	30.25	-88.74	-2,237.92	-4,304.49	1,135.31	1,042.75	92.56	12.266		
11,700.00	7,097.22	7,083.61	7,083.34	135.18	30.26	-88.83	-2,237.93	-4,304.48	1,041.85	945.49	96.36	10.812		
11,800.00	7,098.04	7,084.21	7,083.94	137.92	30.26	-88.92	-2,237.93	-4,304.48	949.72	848.70	101.01	9.402		
11,900.00	7,098.87	7,084.82	7,084.54	140.67	30.26	-89.01	-2,237.93	-4,304.48	859.35	752.60	106.75	8.050		
12,000.00	7,099.69	7,085.42	7,085.14	143.43	30.26	-89.10	-2,237.93	-4,304.48	771.36	657.50	113.86	6.775		
12,100.00	7,100.52	7,086.02	7,085.74	146.19	30.27	-89.19	-2,237.94	-4,304.48	686.67	563.98	122.69	5.597		
12,200.00	7,101.35	7,086.62	7,086.34	148.95	30.27	-89.28	-2,237.94	-4,304.48	606.66	473.04	133.62	4.540		
12,300.00	7,102.17	7,087.22	7,086.95	151.71	30.27	-89.37	-2,237.94	-4,304.48	533.43	386.58	146.85	3.633		
12,400.00	7,103.00	7,087.82	7,087.55	154.48	30.27	-89.46	-2,237.95	-4,304.47	470.17	308.17	162.00	2.902		
12,500.00	7,103.82	7,088.42	7,088.15	157.26	30.28	-89.55	-2,237.95	-4,304.47	421.40	244.09	177.30	2.377		
12,600.00	7,104.65	7,089.03	7,088.75	160.03	30.28	-89.64	-2,237.95	-4,304.47	392.54	203.69	188.85	2.079		
12,667.44	7,105.21	7,089.43	7,089.16	161.91	30.28	-89.70	-2,237.96	-4,304.47	386.70	194.56	192.14	2.013 CC, ES, SF		
12,700.00	7,105.48	7,089.63	7,089.35	162.81	30.28	-89.73	-2,237.96	-4,304.47	388.07	195.96	192.11	2.020		
12,800.00	7,106.30	7,090.23	7,089.95	165.59	30.28	-89.81	-2,237.96	-4,304.47	408.79	222.88	185.91	2.199		
12,900.00	7,107.13	7,090.83	7,090.55	168.38	30.29	-89.90	-2,237.96	-4,304.47	451.24	277.59	173.65	2.599		
13,000.00	7,107.95	7,091.43	7,091.16	171.16	30.29	-89.99	-2,237.97	-4,304.47	510.03	350.32	159.71	3.194		
13,100.00	7,108.78	7,092.03	7,091.76	173.95	30.29	-90.08	-2,237.97	-4,304.46	580.20	433.48	146.72	3.954		
13,200.00	7,109.61	7,092.63	7,092.36	176.74	30.29	-90.17	-2,237.97	-4,304.46	658.14	522.52	135.62	4.853		
13,300.00	7,110.43	7,093.24	7,092.96	179.54	30.30	-90.26	-2,237.98	-4,304.46	741.39	614.94	126.45	5.863		
13,368.87	7,111.00	7,093.65	7,093.37	181.46	30.30	-90.32	-2,237.98	-4,304.46	800.95	679.82	121.13	6.612		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 740-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,600.00	7,079.87	11,976.00	7,279.28	79.53	107.53	101.65	-1,238.58	-11,168.59	9,953.67	9,810.13	143.55	69.342		
9,700.00	7,080.70	11,976.00	7,279.28	82.03	107.53	101.65	-1,238.58	-11,168.59	9,853.86	9,710.31	143.55	68.642		
9,800.00	7,081.53	11,976.00	7,279.28	84.55	107.53	101.65	-1,238.58	-11,168.59	9,754.06	9,610.49	143.56	67.942		
9,900.00	7,082.35	11,976.00	7,279.28	87.10	107.53	101.65	-1,238.58	-11,168.59	9,654.25	9,510.68	143.58	67.242		
10,000.00	7,083.18	11,976.00	7,279.28	89.67	107.53	101.65	-1,238.58	-11,168.59	9,554.46	9,410.87	143.59	66.540		
10,100.00	7,084.00	11,976.00	7,279.28	92.25	107.53	101.65	-1,238.58	-11,168.59	9,454.66	9,311.06	143.61	65.838		
10,200.00	7,084.83	11,976.00	7,279.28	94.86	107.53	101.65	-1,238.58	-11,168.59	9,354.87	9,211.25	143.62	65.135		
10,300.00	7,085.65	11,976.00	7,279.28	97.47	107.53	101.65	-1,238.58	-11,168.59	9,255.09	9,111.45	143.64	64.430		
10,400.00	7,086.48	11,976.00	7,279.28	100.10	107.53	101.65	-1,238.58	-11,168.59	9,155.31	9,011.64	143.67	63.726		
10,500.00	7,087.31	11,976.00	7,279.28	102.75	107.53	101.65	-1,238.58	-11,168.59	9,055.54	8,911.84	143.69	63.020		
10,600.00	7,088.13	11,976.00	7,279.28	105.40	107.53	101.65	-1,238.58	-11,168.59	8,955.77	8,812.04	143.72	62.313		
10,700.00	7,088.96	11,976.00	7,279.28	108.07	107.53	101.65	-1,238.58	-11,168.59	8,856.00	8,712.25	143.75	61.606		
10,800.00	7,089.78	11,976.00	7,279.28	110.75	107.53	101.65	-1,238.58	-11,168.59	8,756.24	8,612.46	143.79	60.898		
10,900.00	7,090.61	11,976.00	7,279.28	113.43	107.53	101.65	-1,238.58	-11,168.59	8,656.49	8,512.67	143.82	60.189		
11,000.00	7,091.44	11,976.00	7,279.28	116.13	107.53	101.65	-1,238.58	-11,168.59	8,556.74	8,412.88	143.86	59.479		
11,100.00	7,092.26	11,976.00	7,279.28	118.83	107.53	101.65	-1,238.58	-11,168.59	8,457.00	8,313.09	143.91	58.768		
11,200.00	7,093.09	11,976.00	7,279.28	121.54	107.53	101.65	-1,238.58	-11,168.59	8,357.26	8,213.31	143.95	58.056		
11,300.00	7,093.91	11,976.00	7,279.28	124.25	107.53	101.65	-1,238.58	-11,168.59	8,257.53	8,113.53	144.00	57.343		
11,400.00	7,094.74	11,976.00	7,279.28	126.98	107.53	101.65	-1,238.58	-11,168.59	8,157.81	8,013.76	144.05	56.630		
11,500.00	7,095.57	11,976.00	7,279.28	129.70	107.53	101.65	-1,238.58	-11,168.59	8,058.10	7,913.98	144.11	55.916		
11,600.00	7,096.39	11,976.00	7,279.28	132.44	107.53	101.65	-1,238.58	-11,168.59	7,958.39	7,814.21	144.17	55.200		
11,700.00	7,097.22	11,976.00	7,279.28	135.18	107.53	101.65	-1,238.58	-11,168.59	7,858.69	7,714.45	144.24	54.484		
11,800.00	7,098.04	11,976.00	7,279.28	137.92	107.53	101.65	-1,238.58	-11,168.59	7,758.99	7,614.69	144.31	53.767		
11,900.00	7,098.87	11,976.00	7,279.28	140.67	107.53	101.65	-1,238.58	-11,168.59	7,659.31	7,514.93	144.38	53.049		
12,000.00	7,099.69	11,976.00	7,279.28	143.43	107.53	101.65	-1,238.58	-11,168.59	7,559.63	7,415.17	144.46	52.330		
12,100.00	7,100.52	11,976.00	7,279.28	146.19	107.53	101.65	-1,238.58	-11,168.59	7,459.96	7,315.42	144.55	51.610		
12,200.00	7,101.35	11,976.00	7,279.28	148.95	107.53	101.65	-1,238.58	-11,168.59	7,360.30	7,215.67	144.64	50.889		
12,300.00	7,102.17	11,976.00	7,279.28	151.71	107.53	101.65	-1,238.58	-11,168.59	7,260.65	7,115.92	144.73	50.167		
12,400.00	7,103.00	11,976.00	7,279.28	154.48	107.53	101.65	-1,238.58	-11,168.59	7,161.01	7,016.18	144.83	49.444		
12,500.00	7,103.82	11,976.00	7,279.28	157.26	107.53	101.65	-1,238.58	-11,168.59	7,061.38	6,916.44	144.94	48.719		
12,600.00	7,104.65	11,976.00	7,279.28	160.03	107.53	101.65	-1,238.58	-11,168.59	6,961.76	6,816.71	145.05	47.994		
12,700.00	7,105.48	11,976.00	7,279.28	162.81	107.53	101.65	-1,238.58	-11,168.59	6,862.15	6,716.98	145.18	47.268		
12,800.00	7,106.30	11,976.00	7,279.28	165.59	107.53	101.65	-1,238.58	-11,168.59	6,762.56	6,617.25	145.30	46.541		
12,900.00	7,107.13	11,976.00	7,279.28	168.38	107.53	101.65	-1,238.58	-11,168.59	6,662.97	6,517.53	145.44	45.812		
13,000.00	7,107.95	11,976.00	7,279.28	171.16	107.53	101.65	-1,238.58	-11,168.59	6,563.40	6,417.81	145.59	45.083		
13,100.00	7,108.78	11,976.00	7,279.28	173.95	107.53	101.65	-1,238.58	-11,168.59	6,463.84	6,318.10	145.74	44.352		
13,200.00	7,109.61	11,976.00	7,279.28	176.74	107.53	101.65	-1,238.58	-11,168.59	6,364.29	6,218.39	145.90	43.620		
13,300.00	7,110.43	11,976.00	7,279.28	179.54	107.53	101.65	-1,238.58	-11,168.59	6,264.76	6,118.69	146.08	42.887		
13,368.87	7,111.00	11,976.00	7,279.28	181.46	107.53	101.65	-1,238.58	-11,168.59	6,196.23	6,050.03	146.20	42.382 CC, ES, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 725-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,300.00	7,077.40	11,988.00	7,170.83	72.19	108.39	91.58	-1,204.36	-10,863.43	9,949.12	9,806.86	142.27	69.934		
9,400.00	7,078.22	11,988.00	7,170.83	74.61	108.39	91.58	-1,204.36	-10,863.43	9,849.33	9,707.07	142.26	69.235		
9,500.00	7,079.05	11,988.00	7,170.83	77.05	108.39	91.58	-1,204.36	-10,863.43	9,749.54	9,607.28	142.26	68.535		
9,600.00	7,079.87	11,988.00	7,170.83	79.53	108.39	91.58	-1,204.36	-10,863.43	9,649.75	9,507.50	142.25	67.835		
9,700.00	7,080.70	11,988.00	7,170.83	82.03	108.39	91.58	-1,204.36	-10,863.43	9,549.97	9,407.71	142.25	67.133		
9,800.00	7,081.53	11,988.00	7,170.83	84.55	108.39	91.58	-1,204.36	-10,863.43	9,450.19	9,307.93	142.26	66.431		
9,900.00	7,082.35	11,988.00	7,170.83	87.10	108.39	91.58	-1,204.36	-10,863.43	9,350.42	9,208.16	142.26	65.728		
10,000.00	7,083.18	11,988.00	7,170.83	89.67	108.39	91.58	-1,204.36	-10,863.43	9,250.65	9,108.38	142.27	65.023		
10,100.00	7,084.00	11,988.00	7,170.83	92.25	108.39	91.58	-1,204.36	-10,863.43	9,150.89	9,008.61	142.28	64.318		
10,200.00	7,084.83	11,988.00	7,170.83	94.86	108.39	91.58	-1,204.36	-10,863.43	9,051.13	8,908.84	142.29	63.612		
10,300.00	7,085.65	11,988.00	7,170.83	97.47	108.39	91.58	-1,204.36	-10,863.43	8,951.38	8,809.08	142.30	62.905		
10,400.00	7,086.48	11,988.00	7,170.83	100.10	108.39	91.58	-1,204.36	-10,863.43	8,851.63	8,709.32	142.32	62.197		
10,500.00	7,087.31	11,988.00	7,170.83	102.75	108.39	91.58	-1,204.36	-10,863.43	8,751.89	8,609.56	142.33	61.488		
10,600.00	7,088.13	11,988.00	7,170.83	105.40	108.39	91.58	-1,204.36	-10,863.43	8,652.16	8,509.80	142.36	60.778		
10,700.00	7,088.96	11,988.00	7,170.83	108.07	108.39	91.58	-1,204.36	-10,863.43	8,552.43	8,410.05	142.38	60.068		
10,800.00	7,089.78	11,988.00	7,170.83	110.75	108.39	91.58	-1,204.36	-10,863.43	8,452.70	8,310.30	142.41	59.356		
10,900.00	7,090.61	11,988.00	7,170.83	113.43	108.39	91.58	-1,204.36	-10,863.43	8,352.99	8,210.55	142.44	58.643		
11,000.00	7,091.44	11,988.00	7,170.83	116.13	108.39	91.58	-1,204.36	-10,863.43	8,253.28	8,110.81	142.47	57.929		
11,100.00	7,092.26	11,988.00	7,170.83	118.83	108.39	91.58	-1,204.36	-10,863.43	8,153.58	8,011.07	142.51	57.214		
11,200.00	7,093.09	11,988.00	7,170.83	121.54	108.39	91.58	-1,204.36	-10,863.43	8,053.89	7,911.33	142.55	56.498		
11,300.00	7,093.91	11,988.00	7,170.83	124.25	108.39	91.58	-1,204.36	-10,863.43	7,954.20	7,811.60	142.60	55.781		
11,400.00	7,094.74	11,988.00	7,170.83	126.98	108.39	91.58	-1,204.36	-10,863.43	7,854.52	7,711.88	142.64	55.063		
11,500.00	7,095.57	11,988.00	7,170.83	129.70	108.39	91.58	-1,204.36	-10,863.43	7,754.85	7,612.15	142.70	54.344		
11,600.00	7,096.39	11,988.00	7,170.83	132.44	108.39	91.58	-1,204.36	-10,863.43	7,655.19	7,512.43	142.76	53.624		
11,700.00	7,097.22	11,988.00	7,170.83	135.18	108.39	91.58	-1,204.36	-10,863.43	7,555.54	7,412.72	142.82	52.903		
11,800.00	7,098.04	11,988.00	7,170.83	137.92	108.39	91.58	-1,204.36	-10,863.43	7,455.89	7,313.01	142.89	52.181		
11,900.00	7,098.87	11,988.00	7,170.83	140.67	108.39	91.58	-1,204.36	-10,863.43	7,356.26	7,213.30	142.96	51.457		
12,000.00	7,099.69	11,988.00	7,170.83	143.43	108.39	91.58	-1,204.36	-10,863.43	7,256.64	7,113.60	143.04	50.732		
12,100.00	7,100.52	11,988.00	7,170.83	146.19	108.39	91.58	-1,204.36	-10,863.43	7,157.02	7,013.90	143.12	50.006		
12,200.00	7,101.35	11,988.00	7,170.83	148.95	108.39	91.58	-1,204.36	-10,863.43	7,057.42	6,914.21	143.21	49.279		
12,300.00	7,102.17	11,988.00	7,170.83	151.71	108.39	91.58	-1,204.36	-10,863.43	6,957.83	6,814.52	143.31	48.551		
12,400.00	7,103.00	11,988.00	7,170.83	154.48	108.39	91.58	-1,204.36	-10,863.43	6,858.25	6,714.84	143.41	47.821		
12,500.00	7,103.82	11,988.00	7,170.83	157.26	108.39	91.58	-1,204.36	-10,863.43	6,758.69	6,615.16	143.53	47.090		
12,600.00	7,104.65	11,988.00	7,170.83	160.03	108.39	91.58	-1,204.36	-10,863.43	6,659.13	6,515.49	143.64	46.358		
12,700.00	7,105.48	11,988.00	7,170.83	162.81	108.39	91.58	-1,204.36	-10,863.43	6,559.59	6,415.82	143.77	45.625		
12,800.00	7,106.30	11,988.00	7,170.83	165.59	108.39	91.58	-1,204.36	-10,863.43	6,460.07	6,316.16	143.91	44.890		
12,900.00	7,107.13	11,988.00	7,170.83	168.38	108.39	91.58	-1,204.36	-10,863.43	6,360.56	6,216.50	144.05	44.154		
13,000.00	7,107.95	11,988.00	7,170.83	171.16	108.39	91.58	-1,204.36	-10,863.43	6,261.06	6,116.85	144.21	43.416		
13,100.00	7,108.78	11,988.00	7,170.83	173.95	108.39	91.58	-1,204.36	-10,863.43	6,161.58	6,017.21	144.38	42.677		
13,200.00	7,109.61	11,988.00	7,170.83	176.74	108.39	91.58	-1,204.36	-10,863.43	6,062.12	5,917.57	144.55	41.937		
13,300.00	7,110.43	11,988.00	7,170.83	179.54	108.39	91.58	-1,204.36	-10,863.43	5,962.68	5,817.93	144.74	41.195		
13,368.87	7,111.00	11,988.00	7,170.83	181.46	108.39	91.58	-1,204.36	-10,863.43	5,894.21	5,749.32	144.88	40.683 CC, ES, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 726-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,600.00	7,079.87	11,790.00	7,095.39	79.53	106.81	84.52	-1,208.95	-11,131.12	9,916.07	9,773.81	142.26	69.703		
9,700.00	7,080.70	11,790.00	7,095.39	82.03	106.81	84.52	-1,208.95	-11,131.12	9,816.28	9,674.01	142.26	69.001		
9,800.00	7,081.53	11,790.00	7,095.39	84.55	106.81	84.52	-1,208.95	-11,131.12	9,716.49	9,574.22	142.27	68.298		
9,900.00	7,082.35	11,790.00	7,095.39	87.10	106.81	84.52	-1,208.95	-11,131.12	9,616.70	9,474.43	142.27	67.595		
10,000.00	7,083.18	11,790.00	7,095.39	89.67	106.81	84.52	-1,208.95	-11,131.12	9,516.92	9,374.64	142.28	66.890		
10,100.00	7,084.00	11,790.00	7,095.39	92.25	106.81	84.52	-1,208.95	-11,131.12	9,417.14	9,274.85	142.28	66.185		
10,200.00	7,084.83	11,790.00	7,095.39	94.86	106.81	84.52	-1,208.95	-11,131.12	9,317.37	9,175.07	142.30	65.479		
10,300.00	7,085.65	11,790.00	7,095.39	97.47	106.81	84.52	-1,208.95	-11,131.12	9,217.60	9,075.29	142.31	64.772		
10,400.00	7,086.48	11,790.00	7,095.39	100.10	106.81	84.52	-1,208.95	-11,131.12	9,117.83	8,975.51	142.32	64.064		
10,500.00	7,087.31	11,790.00	7,095.39	102.75	106.81	84.52	-1,208.95	-11,131.12	9,018.08	8,875.73	142.34	63.355		
10,600.00	7,088.13	11,790.00	7,095.39	105.40	106.81	84.52	-1,208.95	-11,131.12	8,918.32	8,775.96	142.36	62.645		
10,700.00	7,088.96	11,790.00	7,095.39	108.07	106.81	84.52	-1,208.95	-11,131.12	8,818.58	8,676.19	142.39	61.934		
10,800.00	7,089.78	11,790.00	7,095.39	110.75	106.81	84.52	-1,208.95	-11,131.12	8,718.84	8,576.42	142.41	61.222		
10,900.00	7,090.61	11,790.00	7,095.39	113.43	106.81	84.52	-1,208.95	-11,131.12	8,619.10	8,476.66	142.44	60.509		
11,000.00	7,091.44	11,790.00	7,095.39	116.13	106.81	84.52	-1,208.95	-11,131.12	8,519.37	8,376.90	142.47	59.796		
11,100.00	7,092.26	11,790.00	7,095.39	118.83	106.81	84.52	-1,208.95	-11,131.12	8,419.65	8,277.14	142.51	59.081		
11,200.00	7,093.09	11,790.00	7,095.39	121.54	106.81	84.52	-1,208.95	-11,131.12	8,319.94	8,177.39	142.55	58.365		
11,300.00	7,093.91	11,790.00	7,095.39	124.25	106.81	84.52	-1,208.95	-11,131.12	8,220.23	8,077.64	142.59	57.648		
11,400.00	7,094.74	11,790.00	7,095.39	126.98	106.81	84.52	-1,208.95	-11,131.12	8,120.53	7,977.89	142.64	56.931		
11,500.00	7,095.57	11,790.00	7,095.39	129.70	106.81	84.52	-1,208.95	-11,131.12	8,020.83	7,878.14	142.69	56.212		
11,600.00	7,096.39	11,790.00	7,095.39	132.44	106.81	84.52	-1,208.95	-11,131.12	7,921.15	7,778.40	142.74	55.492		
11,700.00	7,097.22	11,790.00	7,095.39	135.18	106.81	84.52	-1,208.95	-11,131.12	7,821.47	7,678.67	142.80	54.771		
11,800.00	7,098.04	11,790.00	7,095.39	137.92	106.81	84.52	-1,208.95	-11,131.12	7,721.80	7,578.93	142.87	54.049		
11,900.00	7,098.87	11,790.00	7,095.39	140.67	106.81	84.52	-1,208.95	-11,131.12	7,622.14	7,479.20	142.93	53.326		
12,000.00	7,099.69	11,790.00	7,095.39	143.43	106.81	84.52	-1,208.95	-11,131.12	7,522.48	7,379.48	143.01	52.602		
12,100.00	7,100.52	11,790.00	7,095.39	146.19	106.81	84.52	-1,208.95	-11,131.12	7,422.84	7,279.76	143.09	51.877		
12,200.00	7,101.35	11,790.00	7,095.39	148.95	106.81	84.52	-1,208.95	-11,131.12	7,323.21	7,180.04	143.17	51.151		
12,300.00	7,102.17	11,790.00	7,095.39	151.71	106.81	84.52	-1,208.95	-11,131.12	7,223.59	7,080.33	143.26	50.423		
12,400.00	7,103.00	11,790.00	7,095.39	154.48	106.81	84.52	-1,208.95	-11,131.12	7,123.97	6,980.62	143.36	49.694		
12,500.00	7,103.82	11,790.00	7,095.39	157.26	106.81	84.52	-1,208.95	-11,131.12	7,024.37	6,880.91	143.46	48.964		
12,600.00	7,104.65	11,790.00	7,095.39	160.03	106.81	84.52	-1,208.95	-11,131.12	6,924.78	6,781.21	143.57	48.233		
12,700.00	7,105.48	11,790.00	7,095.39	162.81	106.81	84.52	-1,208.95	-11,131.12	6,825.20	6,681.52	143.69	47.501		
12,800.00	7,106.30	11,790.00	7,095.39	165.59	106.81	84.52	-1,208.95	-11,131.12	6,725.64	6,581.83	143.81	46.767		
12,900.00	7,107.13	11,790.00	7,095.39	168.38	106.81	84.52	-1,208.95	-11,131.12	6,626.09	6,482.14	143.94	46.032		
13,000.00	7,107.95	11,790.00	7,095.39	171.16	106.81	84.52	-1,208.95	-11,131.12	6,526.55	6,382.46	144.09	45.296		
13,100.00	7,108.78	11,790.00	7,095.39	173.95	106.81	84.52	-1,208.95	-11,131.12	6,427.02	6,282.78	144.24	44.558		
13,200.00	7,109.61	11,790.00	7,095.39	176.74	106.81	84.52	-1,208.95	-11,131.12	6,327.51	6,183.11	144.40	43.819		
13,300.00	7,110.43	11,790.00	7,095.39	179.54	106.81	84.52	-1,208.95	-11,131.12	6,228.02	6,083.45	144.57	43.079		
13,368.87	7,111.00	11,790.00	7,095.39	181.46	106.81	84.52	-1,208.95	-11,131.12	6,159.51	6,014.81	144.70	42.568	CC, ES, SF	

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-142.40	-2,372.66	-1,827.01	2,994.64					
100.00	100.00	79.00	79.00	3.28	3.56	-142.40	-2,372.66	-1,827.01	2,994.57	2,987.73	6.84	437.624		
200.00	200.00	179.00	179.00	3.34	5.57	-142.40	-2,372.66	-1,827.01	2,994.57	2,985.66	8.91	336.155		
300.00	299.98	278.98	278.98	3.44	8.64	73.29	-2,372.66	-1,827.01	2,994.07	2,981.99	12.08	247.843		
400.00	399.84	378.84	378.84	3.59	11.94	73.41	-2,372.66	-1,827.01	2,992.57	2,977.04	15.53	192.698		
500.00	499.45	478.45	478.45	3.79	15.31	73.62	-2,372.66	-1,827.01	2,990.08	2,970.98	19.10	156.529		
600.00	598.70	577.70	577.70	4.04	18.71	73.91	-2,372.66	-1,827.01	2,986.65	2,963.91	22.75	131.310		
700.00	697.47	676.47	676.47	4.32	22.11	74.28	-2,372.66	-1,827.01	2,982.32	2,955.88	26.43	112.827		
800.00	795.62	774.62	774.62	4.65	25.51	74.73	-2,372.66	-1,827.01	2,977.13	2,946.98	30.15	98.744		
900.00	893.06	872.06	872.06	5.01	28.88	75.25	-2,372.66	-1,827.01	2,971.16	2,937.27	33.89	87.676		
1,000.00	989.64	968.64	968.64	5.41	32.24	75.85	-2,372.66	-1,827.01	2,964.49	2,926.85	37.64	78.761		
1,100.00	1,085.27	1,064.27	1,064.27	5.85	35.56	76.52	-2,372.66	-1,827.01	2,957.20	2,915.81	41.40	71.433		
1,191.50	1,171.82	1,150.82	1,150.82	6.29	38.57	77.19	-2,372.66	-1,827.01	2,950.09	2,905.25	44.84	65.788		
1,200.00	1,179.82	1,158.82	1,158.82	6.34	38.85	77.24	-2,372.66	-1,827.01	2,949.42	2,904.26	45.16	65.307		
1,300.00	1,273.89	1,252.89	1,252.89	6.85	42.12	77.85	-2,372.66	-1,827.01	2,941.66	2,892.72	48.94	60.105		
1,400.00	1,367.96	1,346.96	1,346.96	7.38	45.40	78.46	-2,372.66	-1,827.01	2,934.28	2,881.53	52.74	55.632		
1,500.00	1,462.03	1,441.03	1,441.03	7.93	48.67	79.07	-2,372.66	-1,827.01	2,927.27	2,870.70	56.57	51.750		
1,600.00	1,556.10	1,535.10	1,535.10	8.49	51.95	79.69	-2,372.66	-1,827.01	2,920.64	2,860.23	60.40	48.354		
1,700.00	1,650.17	1,629.17	1,629.17	9.06	55.23	80.30	-2,372.66	-1,827.01	2,914.38	2,850.13	64.25	45.361		
1,800.00	1,744.24	1,723.24	1,723.24	9.65	58.51	80.93	-2,372.66	-1,827.01	2,908.51	2,840.41	68.11	42.706		
1,900.00	1,838.31	1,817.31	1,817.31	10.23	61.78	81.55	-2,372.66	-1,827.01	2,903.03	2,831.05	71.97	40.335		
2,000.00	1,932.38	1,911.38	1,911.38	10.83	65.06	82.17	-2,372.66	-1,827.01	2,897.93	2,822.08	75.85	38.208		
2,100.00	2,026.45	2,005.45	2,005.45	11.43	68.34	82.80	-2,372.66	-1,827.01	2,893.22	2,813.49	79.73	36.290		
2,200.00	2,120.52	2,100.48	2,099.52	12.03	71.66	83.43	-2,372.66	-1,827.01	2,888.90	2,805.25	83.64	34.538		
2,300.00	2,214.59	2,206.41	2,193.59	12.63	75.35	84.06	-2,372.66	-1,827.01	2,884.97	2,797.02	87.95	32.803		
2,400.00	2,308.66	2,287.66	2,287.66	13.24	78.19	84.69	-2,372.66	-1,827.01	2,881.44	2,790.04	91.39	31.527		
2,500.00	2,402.73	2,381.73	2,381.73	13.86	81.47	85.32	-2,372.66	-1,827.01	2,878.30	2,783.01	95.29	30.205		
2,600.00	2,496.80	2,475.80	2,475.80	14.47	84.75	85.96	-2,372.66	-1,827.01	2,875.56	2,776.37	99.19	28.990		
2,700.00	2,590.87	2,569.87	2,569.87	15.09	88.03	86.59	-2,372.66	-1,827.01	2,873.22	2,770.12	103.09	27.870		
2,800.00	2,684.95	2,663.95	2,663.95	15.71	91.31	87.23	-2,372.66	-1,827.01	2,871.27	2,764.27	107.00	26.835		
2,900.00	2,779.02	2,758.02	2,758.02	16.33	94.59	87.86	-2,372.66	-1,827.01	2,869.73	2,758.82	110.90	25.876		
3,000.00	2,873.09	2,852.09	2,852.09	16.95	97.88	88.50	-2,372.66	-1,827.01	2,868.58	2,753.77	114.81	24.985		
3,100.00	2,967.16	2,946.16	2,946.16	17.57	101.16	89.14	-2,372.66	-1,827.01	2,867.84	2,749.12	118.72	24.156		
3,200.00	3,061.23	3,040.23	3,040.23	18.20	104.44	89.78	-2,372.66	-1,827.01	2,867.50	2,744.87	122.63	23.383		
3,235.22	3,094.36	3,073.36	3,073.36	18.42	105.60	90.00	-2,372.66	-1,827.01	2,867.47	2,743.47	124.01	23.123		
3,300.00	3,155.30	3,134.30	3,134.30	18.82	107.72	90.41	-2,372.66	-1,827.01	2,867.56	2,741.02	126.54	22.661		
3,400.00	3,249.37	3,228.37	3,228.37	19.45	111.01	91.05	-2,372.66	-1,827.01	2,868.02	2,737.57	130.45	21.985		
3,500.00	3,343.44	3,322.44	3,322.44	20.07	114.29	91.69	-2,372.66	-1,827.01	2,868.88	2,734.52	134.36	21.352		
3,600.00	3,437.51	3,416.51	3,416.51	20.70	117.57	92.32	-2,372.66	-1,827.01	2,870.14	2,731.87	138.27	20.757		
3,700.00	3,531.58	3,510.58	3,510.58	21.33	120.85	92.96	-2,372.66	-1,827.01	2,871.80	2,729.62	142.18	20.198		
3,800.00	3,625.65	3,604.65	3,604.65	21.96	124.14	93.60	-2,372.66	-1,827.01	2,873.87	2,727.77	146.09	19.671		
3,900.00	3,719.72	3,701.28	3,698.72	22.59	127.51	94.23	-2,372.66	-1,827.01	2,876.33	2,726.23	150.09	19.163		
4,000.00	3,813.79	3,807.21	3,792.79	23.22	131.21	94.86	-2,372.66	-1,827.01	2,879.19	2,724.77	154.42	18.645		
4,100.00	3,907.86	3,886.86	3,886.86	23.85	133.99	95.50	-2,372.66	-1,827.01	2,882.44	2,724.62	157.82	18.264		
4,200.00	4,001.93	3,980.93	3,980.93	24.48	137.27	96.13	-2,372.66	-1,827.01	2,886.09	2,724.36	161.73	17.845		
4,300.00	4,096.00	4,075.00	4,075.00	25.11	140.55	96.76	-2,372.66	-1,827.01	2,890.13	2,724.50	165.64	17.449		
4,400.00	4,190.07	4,169.07	4,169.07	25.75	143.83	97.39	-2,372.66	-1,827.01	2,894.57	2,725.03	169.54	17.073		
4,500.00	4,284.14	4,263.14	4,263.14	26.38	147.12	98.01	-2,372.66	-1,827.01	2,899.39	2,725.95	173.45	16.716		
4,600.00	4,378.21	4,357.21	4,357.21	27.01	150.40	98.64	-2,372.66	-1,827.01	2,904.61	2,727.26	177.35	16.378		
4,700.00	4,472.28	4,451.28	4,451.28	27.65	153.68	99.26	-2,372.66	-1,827.01	2,910.21	2,728.96	181.25	16.056		
4,800.00	4,566.35	4,545.35	4,545.35	28.28	156.97	99.88	-2,372.66	-1,827.01	2,916.19	2,731.04	185.15	15.750		
4,900.00	4,660.42	4,639.42	4,639.42	28.91	160.25	100.50	-2,372.66	-1,827.01	2,922.56	2,733.51	189.05	15.459		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,733.49	4,733.49	29.55	163.53	101.11	-2,372.66	-1,827.01	2,929.30	2,736.35	192.95	15.182		
5,100.00	4,848.56	4,827.56	4,827.56	30.18	166.82	101.72	-2,372.66	-1,827.01	2,936.42	2,739.58	196.84	14.918		
5,200.00	4,942.63	4,921.63	4,921.63	30.82	170.10	102.33	-2,372.66	-1,827.01	2,943.92	2,743.18	200.73	14.666		
5,300.00	5,036.70	5,015.70	5,015.70	31.45	173.38	102.94	-2,372.66	-1,827.01	2,951.78	2,747.16	204.63	14.425		
5,400.00	5,130.77	5,109.77	5,109.77	32.09	176.67	103.55	-2,372.66	-1,827.01	2,960.01	2,751.50	208.51	14.196		
5,500.00	5,224.84	5,203.84	5,203.84	32.72	179.95	104.15	-2,372.66	-1,827.01	2,968.61	2,756.21	212.40	13.976		
5,600.00	5,318.91	5,302.09	5,297.91	33.36	183.38	104.74	-2,372.66	-1,827.01	2,977.57	2,761.14	216.43	13.758		
5,700.00	5,412.98	5,408.02	5,391.98	33.99	187.08	105.34	-2,372.66	-1,827.01	2,986.89	2,766.16	220.73	13.532		
5,800.00	5,507.06	5,486.06	5,486.06	34.63	189.80	105.93	-2,372.66	-1,827.01	2,996.56	2,772.51	224.05	13.375		
5,900.00	5,601.13	5,580.13	5,580.13	35.26	193.08	106.52	-2,372.66	-1,827.01	3,006.59	2,778.66	227.93	13.191		
6,000.00	5,695.20	5,674.20	5,674.20	35.90	196.37	107.10	-2,372.66	-1,827.01	3,016.96	2,785.16	231.80	13.015		
6,100.00	5,789.27	5,768.27	5,768.27	36.54	199.65	107.68	-2,372.66	-1,827.01	3,027.68	2,792.00	235.68	12.847		
6,200.00	5,883.34	5,862.34	5,862.34	37.17	202.94	108.26	-2,372.66	-1,827.01	3,038.74	2,799.19	239.55	12.685		
6,300.00	5,977.41	5,956.41	5,956.41	37.81	206.22	108.83	-2,372.66	-1,827.01	3,050.13	2,806.72	243.42	12.530		
6,400.00	6,071.48	6,050.48	6,050.48	38.44	209.50	109.40	-2,372.66	-1,827.01	3,061.86	2,814.58	247.28	12.382		
6,500.00	6,165.55	6,144.55	6,144.55	39.08	212.79	109.97	-2,372.66	-1,827.01	3,073.92	2,822.77	251.15	12.239		
6,600.00	6,259.62	6,238.62	6,238.62	39.72	216.07	110.53	-2,372.66	-1,827.01	3,086.31	2,831.29	255.01	12.103		
6,677.33	6,332.36	6,311.36	6,311.36	40.21	218.61	110.96	-2,372.66	-1,827.01	3,096.10	2,838.11	258.00	12.001		
6,700.00	6,353.76	6,332.76	6,332.76	40.35	219.36	106.18	-2,372.66	-1,827.01	3,098.62	2,839.75	258.87	11.970		
6,750.00	6,401.37	6,380.37	6,380.37	40.64	221.02	93.61	-2,372.66	-1,827.01	3,101.46	2,840.66	260.80	11.892		
6,800.00	6,449.30	6,428.30	6,428.30	40.89	222.69	78.92	-2,372.66	-1,827.01	3,100.54	2,837.83	262.71	11.802		
6,850.00	6,497.25	6,476.25	6,476.25	41.11	224.36	63.94	-2,372.66	-1,827.01	3,095.86	2,831.27	264.59	11.701		
6,900.00	6,544.95	6,523.95	6,523.95	41.29	226.03	50.62	-2,372.66	-1,827.01	3,087.42	2,821.00	266.42	11.588		
6,950.00	6,592.08	6,571.08	6,571.08	41.45	227.67	39.87	-2,372.66	-1,827.01	3,075.29	2,807.08	268.21	11.466		
7,000.00	6,638.35	6,617.35	6,617.35	41.58	229.29	31.55	-2,372.66	-1,827.01	3,059.51	2,789.57	269.94	11.334		
7,050.00	6,683.50	6,662.50	6,662.50	41.70	230.87	25.13	-2,372.66	-1,827.01	3,040.18	2,768.57	271.60	11.193		
7,100.00	6,727.22	6,706.22	6,706.22	41.81	232.39	20.07	-2,372.66	-1,827.01	3,017.39	2,744.20	273.20	11.045		
7,150.00	6,769.26	6,748.26	6,748.26	41.92	233.86	15.95	-2,372.66	-1,827.01	2,991.30	2,716.58	274.72	10.888		
7,200.00	6,809.36	6,788.36	6,788.36	42.03	235.26	12.46	-2,372.66	-1,827.01	2,962.04	2,685.88	276.16	10.726		
7,250.00	6,847.27	6,826.27	6,826.27	42.15	236.58	9.36	-2,372.66	-1,827.01	2,929.80	2,652.28	277.52	10.557		
7,300.00	6,882.75	6,861.75	6,861.75	42.27	237.82	6.46	-2,372.66	-1,827.01	2,894.76	2,615.97	278.79	10.383		
7,350.00	6,915.58	6,905.42	6,894.58	42.41	239.35	3.57	-2,372.66	-1,827.01	2,857.13	2,576.80	280.33	10.192		
7,400.00	6,945.57	6,924.57	6,924.57	42.57	240.01	0.51	-2,372.66	-1,827.01	2,817.15	2,536.13	281.02	10.025		
7,450.00	6,972.53	6,951.53	6,951.53	42.75	240.96	-2.95	-2,372.66	-1,827.01	2,775.06	2,493.08	281.98	9.841		
7,500.00	6,996.30	6,975.30	6,975.30	42.95	241.78	-7.13	-2,372.66	-1,827.01	2,731.12	2,448.28	282.83	9.656		
7,550.00	7,016.72	7,004.28	6,995.72	43.17	242.80	-12.52	-2,372.66	-1,827.01	2,685.60	2,401.73	283.87	9.461		
7,600.00	7,033.66	7,012.66	7,012.66	43.43	243.09	-19.91	-2,372.66	-1,827.01	2,638.79	2,354.59	284.20	9.285		
7,650.00	7,047.04	7,026.04	7,026.04	43.72	243.56	-30.52	-2,372.66	-1,827.01	2,590.99	2,306.28	284.71	9.101		
7,700.00	7,056.76	7,035.76	7,035.76	44.05	243.90	-45.94	-2,372.66	-1,827.01	2,542.49	2,257.40	285.10	8.918		
7,750.00	7,062.76	7,041.76	7,041.76	44.41	244.10	-66.42	-2,372.66	-1,827.01	2,493.62	2,208.25	285.37	8.738		
7,799.36	7,065.00	7,044.00	7,044.00	44.81	244.18	-87.81	-2,372.66	-1,827.01	2,445.30	2,159.78	285.53	8.564		
7,900.00	7,065.83	7,044.83	7,044.83	45.73	244.21	-87.90	-2,372.66	-1,827.01	2,347.03	2,061.29	285.74	8.214		
8,000.00	7,066.66	7,045.66	7,045.66	46.83	244.24	-87.99	-2,372.66	-1,827.01	2,249.59	1,963.60	285.98	7.866		
8,100.00	7,067.49	7,046.49	7,046.49	48.11	244.27	-88.09	-2,372.66	-1,827.01	2,152.38	1,866.12	286.27	7.519		
8,200.00	7,068.31	7,047.31	7,047.31	49.55	244.30	-88.18	-2,372.66	-1,827.01	2,055.45	1,768.85	286.59	7.172		
8,300.00	7,069.14	7,048.14	7,048.14	51.14	244.33	-88.27	-2,372.66	-1,827.01	1,958.81	1,671.84	286.98	6.826		
8,400.00	7,069.96	7,048.96	7,048.96	52.86	244.36	-88.36	-2,372.66	-1,827.01	1,862.54	1,575.12	287.42	6.480		
8,500.00	7,070.79	7,049.79	7,049.79	54.70	244.39	-88.45	-2,372.66	-1,827.01	1,766.68	1,478.73	287.94	6.135		
8,600.00	7,071.61	7,050.61	7,050.61	56.64	244.41	-88.54	-2,372.66	-1,827.01	1,671.30	1,382.74	288.56	5.792		
8,700.00	7,072.44	7,051.44	7,051.44	58.68	244.44	-88.63	-2,372.66	-1,827.01	1,576.50	1,287.20	289.30	5.449		
8,800.00	7,073.27	7,052.27	7,052.27	60.78	244.47	-88.73	-2,372.66	-1,827.01	1,482.37	1,192.20	290.18	5.108		
8,900.00	7,074.09	7,053.09	7,053.09	62.96	244.50	-88.82	-2,372.66	-1,827.01	1,389.07	1,097.84	291.23	4.770		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	7,053.92	7,053.92	65.19	244.53	-88.91	-2,372.66	-1,827.01	1,296.77	1,004.26	292.51	4.433		
9,100.00	7,075.74	7,054.74	7,054.74	67.48	244.56	-89.00	-2,372.66	-1,827.01	1,205.69	911.64	294.06	4.100		
9,200.00	7,076.57	7,055.57	7,055.57	69.82	244.59	-89.09	-2,372.66	-1,827.01	1,116.15	820.20	295.95	3.771		
9,300.00	7,077.40	7,056.40	7,056.40	72.19	244.62	-89.18	-2,372.66	-1,827.01	1,028.53	730.27	298.26	3.448		
9,400.00	7,078.22	7,057.22	7,057.22	74.61	244.64	-89.28	-2,372.66	-1,827.01	943.38	642.29	301.09	3.133		
9,500.00	7,079.05	7,058.05	7,058.05	77.05	244.67	-89.37	-2,372.66	-1,827.01	861.42	556.87	304.55	2.828		
9,600.00	7,079.87	7,058.87	7,058.87	79.53	244.70	-89.46	-2,372.66	-1,827.01	783.66	474.91	308.75	2.538		
9,700.00	7,080.70	7,059.70	7,059.70	82.03	244.73	-89.55	-2,372.66	-1,827.01	711.48	397.72	313.76	2.268		
9,800.00	7,081.53	7,060.53	7,060.53	84.55	244.76	-89.64	-2,372.66	-1,827.01	646.75	327.22	319.52	2.024		
9,900.00	7,082.35	7,061.35	7,061.35	87.10	244.79	-89.73	-2,372.66	-1,827.01	591.91	266.14	325.78	1.817		
10,000.00	7,083.18	7,062.18	7,062.18	89.67	244.82	-89.83	-2,372.66	-1,827.01	549.94	218.07	331.87	1.657		
10,100.00	7,084.00	7,063.00	7,063.00	92.25	244.85	-89.92	-2,372.66	-1,827.01	523.94	187.17	336.77	1.556		
10,189.64	7,084.74	7,063.74	7,063.74	94.59	244.87	-90.00	-2,372.66	-1,827.01	516.21	176.97	339.24	1.522 CC		
10,200.00	7,084.83	7,063.83	7,063.83	94.86	244.88	-90.01	-2,372.66	-1,827.01	516.32	176.93	339.38	1.521 ES, SF		
10,300.00	7,085.65	7,064.65	7,064.65	97.47	244.90	-90.10	-2,372.66	-1,827.01	527.88	188.70	339.18	1.556		
10,400.00	7,086.48	7,065.48	7,065.48	100.10	244.93	-90.19	-2,372.66	-1,827.01	557.43	220.90	336.53	1.656		
10,500.00	7,087.31	7,066.31	7,066.31	102.75	244.96	-90.28	-2,372.66	-1,827.01	602.33	269.97	332.36	1.812		
10,600.00	7,088.13	7,067.13	7,067.13	105.40	244.99	-90.38	-2,372.66	-1,827.01	659.44	331.82	327.63	2.013		
10,700.00	7,088.96	7,067.96	7,067.96	108.07	245.02	-90.47	-2,372.66	-1,827.01	725.90	402.92	322.98	2.248		
10,800.00	7,089.78	7,068.78	7,068.78	110.75	245.05	-90.56	-2,372.66	-1,827.01	799.37	480.63	318.74	2.508		
10,900.00	7,090.61	7,069.61	7,069.61	113.43	245.08	-90.65	-2,372.66	-1,827.01	878.10	563.07	315.03	2.787		
11,000.00	7,091.44	7,070.44	7,070.44	116.13	245.11	-90.74	-2,372.66	-1,827.01	960.79	648.96	311.83	3.081		
11,100.00	7,092.26	7,071.26	7,071.26	118.83	245.13	-90.83	-2,372.66	-1,827.01	1,046.51	737.40	309.11	3.386		
11,200.00	7,093.09	7,072.09	7,072.09	121.54	245.16	-90.93	-2,372.66	-1,827.01	1,134.57	827.77	306.80	3.698		
11,300.00	7,093.91	7,072.91	7,072.91	124.25	245.19	-91.02	-2,372.66	-1,827.01	1,224.46	919.62	304.84	4.017		
11,400.00	7,094.74	7,073.74	7,073.74	126.98	245.22	-91.11	-2,372.66	-1,827.01	1,315.81	1,012.65	303.16	4.340		
11,500.00	7,095.57	7,074.57	7,074.57	129.70	245.25	-91.20	-2,372.66	-1,827.01	1,408.34	1,106.61	301.73	4.668		
11,600.00	7,096.39	7,075.39	7,075.39	132.44	245.28	-91.29	-2,372.66	-1,827.01	1,501.82	1,201.32	300.50	4.998		
11,700.00	7,097.22	7,076.22	7,076.22	135.18	245.31	-91.38	-2,372.66	-1,827.01	1,596.10	1,296.66	299.44	5.330		
11,800.00	7,098.04	7,077.04	7,077.04	137.92	245.34	-91.48	-2,372.66	-1,827.01	1,691.03	1,392.51	298.52	5.665		
11,900.00	7,098.87	7,077.87	7,077.87	140.67	245.37	-91.57	-2,372.66	-1,827.01	1,786.51	1,488.79	297.72	6.001		
12,000.00	7,099.69	7,078.69	7,078.69	143.43	245.39	-91.66	-2,372.66	-1,827.01	1,882.47	1,585.44	297.02	6.338		
12,100.00	7,100.52	7,079.52	7,079.52	146.19	245.42	-91.75	-2,372.66	-1,827.01	1,978.82	1,682.41	296.41	6.676		
12,200.00	7,101.35	7,080.35	7,080.35	148.95	245.45	-91.84	-2,372.66	-1,827.01	2,075.52	1,779.65	295.87	7.015		
12,300.00	7,102.17	7,081.17	7,081.17	151.71	245.48	-91.93	-2,372.66	-1,827.01	2,172.51	1,877.12	295.40	7.355		
12,400.00	7,103.00	7,082.00	7,082.00	154.48	245.51	-92.03	-2,372.66	-1,827.01	2,269.77	1,974.79	294.98	7.695		
12,500.00	7,103.82	7,082.82	7,082.82	157.26	245.54	-92.12	-2,372.66	-1,827.01	2,367.26	2,072.65	294.61	8.035		
12,600.00	7,104.65	7,083.65	7,083.65	160.03	245.57	-92.21	-2,372.66	-1,827.01	2,464.94	2,170.67	294.28	8.376		
12,700.00	7,105.48	7,084.48	7,084.48	162.81	245.60	-92.30	-2,372.66	-1,827.01	2,562.81	2,268.82	293.98	8.718		
12,800.00	7,106.30	7,085.30	7,085.30	165.59	245.62	-92.39	-2,372.66	-1,827.01	2,660.83	2,367.11	293.72	9.059		
12,900.00	7,107.13	7,086.13	7,086.13	168.38	245.65	-92.48	-2,372.66	-1,827.01	2,759.00	2,465.50	293.49	9.401		
13,000.00	7,107.95	7,086.95	7,086.95	171.16	245.68	-92.57	-2,372.66	-1,827.01	2,857.29	2,564.00	293.29	9.742		
13,100.00	7,108.78	7,087.78	7,087.78	173.95	245.71	-92.67	-2,372.66	-1,827.01	2,955.69	2,662.59	293.10	10.084		
13,200.00	7,109.61	7,088.61	7,088.61	176.74	245.74	-92.76	-2,372.66	-1,827.01	3,054.20	2,761.26	292.94	10.426		
13,300.00	7,110.43	7,089.43	7,089.43	179.54	245.77	-92.85	-2,372.66	-1,827.01	3,152.81	2,860.01	292.80	10.768		
13,368.87	7,111.00	7,110.00	7,090.00	181.46	246.49	-92.91	-2,372.66	-1,827.01	3,220.76	2,927.35	293.41	10.977		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	17.00	17.00	3.28	3.29	-86.23	455.98	-6,911.46	6,926.49					
100.00	100.00	117.00	117.00	3.28	4.03	-86.23	455.98	-6,911.46	6,926.49	6,919.17	7.31	947.116		
200.00	200.00	217.00	217.00	3.34	6.69	-86.23	455.98	-6,911.46	6,926.49	6,916.46	10.03	690.828		
300.00	299.98	316.98	316.98	3.44	9.88	129.42	455.98	-6,911.46	6,927.60	6,914.28	13.32	520.062		
400.00	399.84	416.84	416.84	3.59	13.22	129.40	455.98	-6,911.46	6,930.92	6,914.11	16.81	412.281		
500.00	499.45	516.45	516.45	3.79	16.61	129.37	455.98	-6,911.46	6,936.47	6,916.06	20.40	339.983		
600.00	598.70	615.70	615.70	4.04	20.02	129.33	455.98	-6,911.46	6,944.23	6,920.17	24.05	288.685		
700.00	697.47	714.47	714.47	4.32	23.43	129.27	455.98	-6,911.46	6,954.21	6,926.46	27.75	250.633		
800.00	795.62	812.62	812.62	4.65	26.82	129.20	455.98	-6,911.46	6,966.41	6,934.95	31.46	221.407		
900.00	893.06	910.06	910.06	5.01	30.20	129.12	455.98	-6,911.46	6,980.84	6,945.64	35.20	198.333		
1,000.00	989.64	1,006.64	1,006.64	5.41	33.56	129.02	455.98	-6,911.46	6,997.49	6,958.55	38.94	179.706		
1,100.00	1,085.27	1,102.27	1,102.27	5.85	36.88	128.90	455.98	-6,911.46	7,016.37	6,973.69	42.68	164.392		
1,191.50	1,171.82	1,188.82	1,188.82	6.29	39.89	128.77	455.98	-6,911.46	7,035.59	6,989.49	46.10	152.610		
1,200.00	1,179.82	1,203.18	1,196.82	6.34	40.39	128.79	455.98	-6,911.46	7,037.46	6,990.82	46.64	150.881		
1,300.00	1,273.89	1,309.11	1,290.89	6.85	44.08	129.00	455.98	-6,911.46	7,059.55	7,008.75	50.80	138.975		
1,400.00	1,367.96	1,384.96	1,384.96	7.38	46.72	129.20	455.98	-6,911.46	7,081.72	7,027.80	53.92	131.329		
1,500.00	1,462.03	1,479.03	1,479.03	7.93	50.00	129.41	455.98	-6,911.46	7,103.99	7,046.30	57.70	123.123		
1,600.00	1,556.10	1,573.10	1,573.10	8.49	53.27	129.61	455.98	-6,911.46	7,126.36	7,064.87	61.48	115.904		
1,700.00	1,650.17	1,667.17	1,667.17	9.06	56.55	129.81	455.98	-6,911.46	7,148.81	7,083.53	65.28	109.508		
1,800.00	1,744.24	1,761.24	1,761.24	9.65	59.83	130.01	455.98	-6,911.46	7,171.35	7,102.27	69.09	103.805		
1,900.00	1,838.31	1,855.31	1,855.31	10.23	63.11	130.21	455.98	-6,911.46	7,193.98	7,121.09	72.90	98.689		
2,000.00	1,932.38	1,949.38	1,949.38	10.83	66.39	130.41	455.98	-6,911.46	7,216.70	7,139.99	76.71	94.077		
2,100.00	2,026.45	2,043.45	2,043.45	11.43	69.67	130.61	455.98	-6,911.46	7,239.51	7,158.98	80.53	89.898		
2,200.00	2,120.52	2,137.52	2,137.52	12.03	72.95	130.81	455.98	-6,911.46	7,262.41	7,178.05	84.35	86.094		
2,300.00	2,214.59	2,231.59	2,231.59	12.63	76.23	131.00	455.98	-6,911.46	7,285.39	7,197.21	88.18	82.619		
2,400.00	2,308.66	2,325.66	2,325.66	13.24	79.51	131.20	455.98	-6,911.46	7,308.46	7,216.45	92.01	79.432		
2,500.00	2,402.73	2,419.73	2,419.73	13.86	82.79	131.39	455.98	-6,911.46	7,331.61	7,235.77	95.84	76.498		
2,600.00	2,496.80	2,513.80	2,513.80	14.47	86.07	131.58	455.98	-6,911.46	7,354.84	7,255.17	99.67	73.790		
2,700.00	2,590.87	2,607.87	2,607.87	15.09	89.36	131.77	455.98	-6,911.46	7,378.16	7,274.65	103.51	71.282		
2,800.00	2,684.95	2,701.95	2,701.95	15.71	92.64	131.96	455.98	-6,911.46	7,401.56	7,294.22	107.34	68.954		
2,900.00	2,779.02	2,803.98	2,796.02	16.33	96.20	132.15	455.98	-6,911.46	7,425.04	7,313.58	111.46	66.619		
3,000.00	2,873.09	2,909.91	2,890.09	16.95	99.89	132.34	455.98	-6,911.46	7,448.60	7,332.89	115.71	64.375		
3,100.00	2,967.16	2,984.16	2,984.16	17.57	102.48	132.52	455.98	-6,911.46	7,472.24	7,353.39	118.85	62.871		
3,200.00	3,061.23	3,078.23	3,078.23	18.20	105.77	132.71	455.98	-6,911.46	7,495.96	7,373.27	122.69	61.097		
3,300.00	3,155.30	3,172.30	3,172.30	18.82	109.05	132.89	455.98	-6,911.46	7,519.76	7,393.23	126.53	59.432		
3,400.00	3,249.37	3,266.37	3,266.37	19.45	112.33	133.08	455.98	-6,911.46	7,543.63	7,413.27	130.36	57.866		
3,500.00	3,343.44	3,360.44	3,360.44	20.07	115.61	133.26	455.98	-6,911.46	7,567.58	7,433.38	134.20	56.389		
3,600.00	3,437.51	3,454.51	3,454.51	20.70	118.90	133.44	455.98	-6,911.46	7,591.61	7,453.57	138.04	54.995		
3,700.00	3,531.58	3,548.58	3,548.58	21.33	122.18	133.62	455.98	-6,911.46	7,615.71	7,473.83	141.88	53.677		
3,800.00	3,625.65	3,642.65	3,642.65	21.96	125.46	133.80	455.98	-6,911.46	7,639.89	7,494.17	145.72	52.429		
3,900.00	3,719.72	3,736.72	3,736.72	22.59	128.75	133.97	455.98	-6,911.46	7,664.14	7,514.59	149.56	51.246		
4,000.00	3,813.79	3,830.79	3,830.79	23.22	132.03	134.15	455.98	-6,911.46	7,688.47	7,535.07	153.39	50.122		
4,100.00	3,907.86	3,924.86	3,924.86	23.85	135.31	134.33	455.98	-6,911.46	7,712.87	7,555.63	157.23	49.054		
4,200.00	4,001.93	4,018.93	4,018.93	24.48	138.59	134.50	455.98	-6,911.46	7,737.34	7,576.27	161.07	48.037		
4,300.00	4,096.00	4,113.00	4,113.00	25.11	141.88	134.67	455.98	-6,911.46	7,761.88	7,596.97	164.91	47.068		
4,400.00	4,190.07	4,207.07	4,207.07	25.75	145.16	134.85	455.98	-6,911.46	7,786.49	7,617.74	168.74	46.144		
4,500.00	4,284.14	4,301.14	4,301.14	26.38	148.44	135.02	455.98	-6,911.46	7,811.17	7,638.59	172.58	45.261		
4,600.00	4,378.21	4,404.79	4,395.21	27.01	152.06	135.19	455.98	-6,911.46	7,835.92	7,659.17	176.75	44.333		
4,700.00	4,472.28	4,489.28	4,489.28	27.65	155.01	135.36	455.98	-6,911.46	7,860.74	7,680.48	180.25	43.609		
4,800.00	4,566.35	4,583.35	4,583.35	28.28	158.29	135.52	455.98	-6,911.46	7,885.62	7,701.53	184.09	42.836		
4,900.00	4,660.42	4,677.42	4,677.42	28.91	161.58	135.69	455.98	-6,911.46	7,910.57	7,722.65	187.92	42.095		
5,000.00	4,754.49	4,771.49	4,771.49	29.55	164.86	135.86	455.98	-6,911.46	7,935.59	7,743.84	191.76	41.383		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,865.56	4,865.56	30.18	168.14	136.02	455.98	-6,911.46	7,960.68	7,765.09	195.59	40.700		
5,200.00	4,942.63	4,959.63	4,959.63	30.82	171.43	136.19	455.98	-6,911.46	7,985.83	7,786.40	199.43	40.044		
5,300.00	5,036.70	5,053.70	5,053.70	31.45	174.71	136.35	455.98	-6,911.46	8,011.05	7,807.79	203.26	39.413		
5,400.00	5,130.77	5,147.77	5,147.77	32.09	177.99	136.51	455.98	-6,911.46	8,036.33	7,829.23	207.09	38.805		
5,500.00	5,224.84	5,241.84	5,241.84	32.72	181.28	136.67	455.98	-6,911.46	8,061.67	7,850.74	210.93	38.220		
5,600.00	5,318.91	5,335.91	5,335.91	33.36	184.56	136.83	455.98	-6,911.46	8,087.08	7,872.32	214.76	37.657		
5,700.00	5,412.98	5,429.98	5,429.98	33.99	187.84	136.99	455.98	-6,911.46	8,112.54	7,893.95	218.59	37.113		
5,800.00	5,507.06	5,524.06	5,524.06	34.63	191.13	137.15	455.98	-6,911.46	8,138.07	7,915.65	222.42	36.589		
5,900.00	5,601.13	5,618.13	5,618.13	35.26	194.41	137.31	455.98	-6,911.46	8,163.66	7,937.41	226.25	36.082		
6,000.00	5,695.20	5,712.20	5,712.20	35.90	197.69	137.47	455.98	-6,911.46	8,189.32	7,959.23	230.08	35.593		
6,100.00	5,789.27	5,806.27	5,806.27	36.54	200.98	137.62	455.98	-6,911.46	8,215.03	7,981.12	233.91	35.120		
6,200.00	5,883.34	5,900.34	5,900.34	37.17	204.26	137.78	455.98	-6,911.46	8,240.80	8,003.06	237.74	34.663		
6,300.00	5,977.41	6,005.59	5,994.41	37.81	207.94	137.93	455.98	-6,911.46	8,266.63	8,024.67	241.96	34.165		
6,400.00	6,071.48	6,088.48	6,088.48	38.44	210.83	138.08	455.98	-6,911.46	8,292.52	8,047.12	245.40	33.792		
6,500.00	6,165.55	6,182.55	6,182.55	39.08	214.11	138.24	455.98	-6,911.46	8,318.46	8,069.24	249.23	33.377		
6,600.00	6,259.62	6,276.62	6,276.62	39.72	217.40	138.39	455.98	-6,911.46	8,344.47	8,091.41	253.06	32.975		
6,677.33	6,332.36	6,349.36	6,349.36	40.21	219.94	138.50	455.98	-6,911.46	8,364.61	8,108.60	256.02	32.672		
6,700.00	6,353.76	6,370.76	6,370.76	40.35	220.68	133.45	455.98	-6,911.46	8,370.15	8,113.26	256.88	32.583		
6,750.00	6,401.37	6,418.37	6,418.37	40.64	222.34	120.43	455.98	-6,911.46	8,379.66	8,120.86	258.81	32.378		
6,800.00	6,449.30	6,466.30	6,466.30	40.89	224.02	105.47	455.98	-6,911.46	8,385.43	8,124.71	260.72	32.162		
6,850.00	6,497.25	6,514.25	6,514.25	41.11	225.69	90.39	455.98	-6,911.46	8,387.43	8,124.81	262.62	31.938		
6,900.00	6,544.95	6,561.95	6,561.95	41.29	227.36	77.15	455.98	-6,911.46	8,385.64	8,121.17	264.47	31.707		
6,950.00	6,592.08	6,609.08	6,609.08	41.45	229.00	66.65	455.98	-6,911.46	8,380.08	8,113.81	266.27	31.472		
7,000.00	6,638.35	6,655.35	6,655.35	41.58	230.62	58.78	455.98	-6,911.46	8,370.79	8,102.78	268.01	31.233		
7,050.00	6,683.50	6,700.50	6,700.50	41.70	232.19	53.00	455.98	-6,911.46	8,357.84	8,088.16	269.68	30.992		
7,100.00	6,727.22	6,744.22	6,744.22	41.81	233.72	48.82	455.98	-6,911.46	8,341.30	8,070.04	271.27	30.749		
7,150.00	6,769.26	6,786.26	6,786.26	41.92	235.19	45.86	455.98	-6,911.46	8,321.29	8,048.52	272.77	30.506		
7,200.00	6,809.36	6,826.36	6,826.36	42.03	236.59	43.83	455.98	-6,911.46	8,297.92	8,023.74	274.19	30.264		
7,250.00	6,847.27	6,864.27	6,864.27	42.15	237.91	42.56	455.98	-6,911.46	8,271.35	7,995.85	275.50	30.023		
7,300.00	6,882.75	6,900.25	6,899.75	42.27	239.17	41.96	455.98	-6,911.46	8,241.74	7,965.00	276.74	29.782		
7,350.00	6,915.58	6,932.58	6,932.58	42.41	240.29	41.98	455.98	-6,911.46	8,209.27	7,931.44	277.83	29.548		
7,400.00	6,945.57	6,962.57	6,962.57	42.57	241.34	42.60	455.98	-6,911.46	8,174.14	7,895.31	278.84	29.315		
7,450.00	6,972.53	6,989.53	6,989.53	42.75	242.28	43.87	455.98	-6,911.46	8,136.57	7,856.85	279.73	29.087		
7,500.00	6,996.30	7,013.30	7,013.30	42.95	243.11	45.88	455.98	-6,911.46	8,096.80	7,816.29	280.51	28.864		
7,550.00	7,016.72	7,033.72	7,033.72	43.17	243.82	48.79	455.98	-6,911.46	8,055.06	7,773.88	281.18	28.648		
7,600.00	7,033.66	7,050.66	7,050.66	43.43	244.42	52.85	455.98	-6,911.46	8,011.60	7,729.87	281.73	28.437		
7,650.00	7,047.04	7,064.04	7,064.04	43.72	244.88	58.41	455.98	-6,911.46	7,966.70	7,684.53	282.17	28.234		
7,700.00	7,056.76	7,073.76	7,073.76	44.05	245.22	65.93	455.98	-6,911.46	7,920.62	7,638.13	282.49	28.039		
7,750.00	7,062.76	7,079.76	7,079.76	44.41	245.43	75.93	455.98	-6,911.46	7,873.65	7,590.96	282.69	27.853		
7,799.36	7,065.00	7,082.00	7,082.00	44.81	245.51	88.46	455.98	-6,911.46	7,826.68	7,543.90	282.78	27.678		
7,900.00	7,065.83	7,082.83	7,082.83	45.73	245.54	88.48	455.98	-6,911.46	7,730.55	7,447.70	282.85	27.331		
8,000.00	7,066.66	7,083.66	7,083.66	46.83	245.57	88.50	455.98	-6,911.46	7,635.15	7,352.21	282.94	26.985		
8,100.00	7,067.49	7,084.49	7,084.49	48.11	245.60	88.52	455.98	-6,911.46	7,539.86	7,256.80	283.06	26.637		
8,200.00	7,068.31	7,085.31	7,085.31	49.55	245.63	88.54	455.98	-6,911.46	7,444.70	7,161.49	283.21	26.287		
8,300.00	7,069.14	7,086.14	7,086.14	51.14	245.65	88.57	455.98	-6,911.46	7,349.67	7,066.27	283.39	25.934		
8,400.00	7,069.96	7,086.96	7,086.96	52.86	245.68	88.59	455.98	-6,911.46	7,254.77	6,971.16	283.61	25.580		
8,500.00	7,070.79	7,087.79	7,087.79	54.70	245.71	88.61	455.98	-6,911.46	7,160.01	6,876.15	283.86	25.224		
8,600.00	7,071.61	7,088.61	7,088.61	56.64	245.74	88.63	455.98	-6,911.46	7,065.40	6,781.25	284.14	24.866		
8,700.00	7,072.44	7,089.44	7,089.44	58.68	245.77	88.65	455.98	-6,911.46	6,970.93	6,686.46	284.47	24.505		
8,800.00	7,073.27	7,109.73	7,109.73	60.78	246.48	88.67	455.98	-6,911.46	6,876.62	6,591.11	285.51	24.085		
8,900.00	7,074.09	7,108.91	7,108.91	62.96	246.45	88.69	455.98	-6,911.46	6,782.48	6,496.61	285.86	23.726		
9,000.00	7,074.92	7,108.08	7,091.92	65.19	246.42	88.71	455.98	-6,911.46	6,688.50	6,402.24	286.26	23.365		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,107.26	7,092.74	67.48	246.39	88.73	455.98	-6,911.46	6,594.70	6,308.00	286.70	23.002		
9,200.00	7,076.57	7,106.43	7,093.57	69.82	246.36	88.75	455.98	-6,911.46	6,501.09	6,213.90	287.19	22.637		
9,300.00	7,077.40	7,105.60	7,094.40	72.19	246.33	88.77	455.98	-6,911.46	6,407.67	6,119.94	287.73	22.270		
9,400.00	7,078.22	7,104.78	7,095.22	74.61	246.30	88.79	455.98	-6,911.46	6,314.45	6,026.12	288.33	21.900		
9,500.00	7,079.05	7,103.95	7,096.05	77.05	246.28	88.81	455.98	-6,911.46	6,221.44	5,932.46	288.98	21.529		
9,600.00	7,079.87	7,103.13	7,096.87	79.53	246.25	88.83	455.98	-6,911.46	6,128.65	5,838.96	289.69	21.156		
9,700.00	7,080.70	7,102.30	7,097.70	82.03	246.22	88.85	455.98	-6,911.46	6,036.09	5,745.64	290.45	20.782		
9,800.00	7,081.53	7,101.47	7,098.53	84.55	246.19	88.87	455.98	-6,911.46	5,943.77	5,652.49	291.28	20.405		
9,900.00	7,082.35	7,100.65	7,099.35	87.10	246.16	88.89	455.98	-6,911.46	5,851.70	5,559.53	292.18	20.028		
10,000.00	7,083.18	7,100.18	7,100.18	89.67	246.14	88.91	455.98	-6,911.46	5,759.90	5,466.75	293.15	19.648		
10,100.00	7,084.00	7,101.00	7,101.00	92.25	246.17	88.94	455.98	-6,911.46	5,668.38	5,374.14	294.24	19.264		
10,200.00	7,084.83	7,101.83	7,101.83	94.86	246.20	88.96	455.98	-6,911.46	5,577.15	5,281.75	295.40	18.880		
10,300.00	7,085.65	7,102.65	7,102.65	97.47	246.23	88.98	455.98	-6,911.46	5,486.22	5,189.58	296.63	18.495		
10,400.00	7,086.48	7,103.48	7,103.48	100.10	246.26	89.00	455.98	-6,911.46	5,395.61	5,097.67	297.94	18.109		
10,500.00	7,087.31	7,104.31	7,104.31	102.75	246.29	89.02	455.98	-6,911.46	5,305.34	5,006.01	299.33	17.724		
10,600.00	7,088.13	7,105.13	7,105.13	105.40	246.32	89.04	455.98	-6,911.46	5,215.43	4,914.63	300.80	17.338		
10,700.00	7,088.96	7,105.96	7,105.96	108.07	246.35	89.06	455.98	-6,911.46	5,125.89	4,823.53	302.35	16.953		
10,800.00	7,089.78	7,106.78	7,106.78	110.75	246.37	89.08	455.98	-6,911.46	5,036.74	4,732.75	303.99	16.569		
10,900.00	7,090.61	7,107.61	7,107.61	113.43	246.40	89.10	455.98	-6,911.46	4,948.01	4,642.29	305.72	16.185		
11,000.00	7,091.44	7,108.44	7,108.44	116.13	246.43	89.12	455.98	-6,911.46	4,859.71	4,552.17	307.54	15.802		
11,100.00	7,092.26	7,109.26	7,109.26	118.83	246.46	89.14	455.98	-6,911.46	4,771.88	4,462.42	309.46	15.420		
11,200.00	7,093.09	7,110.09	7,110.09	121.54	246.49	89.16	455.98	-6,911.46	4,684.53	4,373.06	311.47	15.040		
11,300.00	7,093.91	7,110.91	7,110.91	124.25	246.52	89.18	455.98	-6,911.46	4,597.70	4,284.11	313.59	14.662		
11,400.00	7,094.74	7,111.74	7,111.74	126.98	246.55	89.20	455.98	-6,911.46	4,511.42	4,195.61	315.81	14.285		
11,500.00	7,095.57	7,112.57	7,112.57	129.70	246.58	89.22	455.98	-6,911.46	4,425.71	4,107.57	318.14	13.911		
11,600.00	7,096.39	7,113.39	7,113.39	132.44	246.61	89.24	455.98	-6,911.46	4,340.61	4,020.03	320.58	13.540		
11,700.00	7,097.22	7,114.22	7,114.22	135.18	246.63	89.26	455.98	-6,911.46	4,256.16	3,933.03	323.14	13.171		
11,800.00	7,098.04	7,115.04	7,115.04	137.92	246.66	89.28	455.98	-6,911.46	4,172.40	3,846.59	325.81	12.806		
11,900.00	7,098.87	7,115.87	7,115.87	140.67	246.69	89.31	455.98	-6,911.46	4,089.37	3,760.76	328.61	12.444		
12,000.00	7,099.69	7,116.69	7,116.69	143.43	246.72	89.33	455.98	-6,911.46	4,007.12	3,675.57	331.54	12.086		
12,100.00	7,100.52	7,117.52	7,117.52	146.19	246.75	89.35	455.98	-6,911.46	3,925.68	3,591.08	334.60	11.732		
12,200.00	7,101.35	7,118.35	7,118.35	148.95	246.78	89.37	455.98	-6,911.46	3,845.13	3,507.33	337.80	11.383		
12,300.00	7,102.17	7,119.17	7,119.17	151.71	246.81	89.39	455.98	-6,911.46	3,765.50	3,424.37	341.13	11.038		
12,400.00	7,103.00	7,120.00	7,120.00	154.48	246.84	89.41	455.98	-6,911.46	3,686.87	3,342.26	344.61	10.699		
12,500.00	7,103.82	7,120.82	7,120.82	157.26	246.86	89.43	455.98	-6,911.46	3,609.30	3,261.07	348.23	10.365		
12,600.00	7,104.65	7,121.65	7,121.65	160.03	246.89	89.45	455.98	-6,911.46	3,532.85	3,180.85	352.00	10.036		
12,700.00	7,105.48	7,122.48	7,122.48	162.81	246.92	89.47	455.98	-6,911.46	3,457.60	3,101.68	355.93	9.714		
12,800.00	7,106.30	7,123.30	7,123.30	165.59	246.95	89.49	455.98	-6,911.46	3,383.64	3,023.63	360.01	9.399		
12,900.00	7,107.13	7,124.13	7,124.13	168.38	246.98	89.51	455.98	-6,911.46	3,311.04	2,946.80	364.24	9.090		
13,000.00	7,107.95	7,124.95	7,124.95	171.16	247.01	89.53	455.98	-6,911.46	3,239.91	2,871.27	368.64	8.789		
13,100.00	7,108.78	7,125.78	7,125.78	173.95	247.04	89.55	455.98	-6,911.46	3,170.33	2,797.15	373.19	8.495		
13,200.00	7,109.61	7,126.61	7,126.61	176.74	247.07	89.57	455.98	-6,911.46	3,102.42	2,724.53	377.89	8.210		
13,300.00	7,110.43	7,127.43	7,127.43	179.54	247.10	89.59	455.98	-6,911.46	3,036.28	2,653.53	382.75	7.933		
13,368.87	7,111.00	7,128.00	7,128.00	181.46	247.12	89.61	455.98	-6,911.46	2,991.83	2,605.65	386.18	7.747	CC, ES, SF	

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	4.00	4.00	3.28	3.28	-99.68	-1,239.76	-7,269.04	7,374.00					
100.00	100.00	104.00	104.00	3.28	3.78	-99.68	-1,239.76	-7,269.04	7,374.00	7,366.93	7.07	1,043.318		
200.00	200.00	204.00	204.00	3.34	6.30	-99.68	-1,239.76	-7,269.04	7,374.00	7,364.37	9.63	765.354		
300.00	299.98	303.98	303.98	3.44	9.45	115.97	-1,239.76	-7,269.04	7,374.76	7,361.87	12.89	571.966		
400.00	399.84	403.84	403.84	3.59	12.78	115.96	-1,239.76	-7,269.04	7,377.06	7,360.69	16.37	450.608		
500.00	499.45	503.45	503.45	3.79	16.17	115.96	-1,239.76	-7,269.04	7,380.89	7,360.93	19.96	369.847		
600.00	598.70	602.70	602.70	4.04	19.57	115.94	-1,239.76	-7,269.04	7,386.25	7,362.65	23.61	312.896		
700.00	697.47	701.47	701.47	4.32	22.98	115.93	-1,239.76	-7,269.04	7,393.16	7,365.87	27.30	270.834		
800.00	795.62	800.38	799.62	4.65	26.40	115.91	-1,239.76	-7,269.04	7,401.63	7,370.58	31.04	238.426		
900.00	893.06	902.94	897.06	5.01	29.96	115.88	-1,239.76	-7,269.04	7,411.66	7,376.70	34.96	212.002		
1,000.00	989.64	1,006.36	993.64	5.41	33.55	115.84	-1,239.76	-7,269.04	7,423.27	7,384.32	38.95	190.599		
1,100.00	1,085.27	1,089.27	1,089.27	5.85	36.43	115.80	-1,239.76	-7,269.04	7,436.47	7,394.21	42.26	175.969		
1,191.50	1,171.82	1,175.82	1,175.82	6.29	39.44	115.75	-1,239.76	-7,269.04	7,449.96	7,404.26	45.70	163.031		
1,200.00	1,179.82	1,183.82	1,183.82	6.34	39.72	115.77	-1,239.76	-7,269.04	7,451.27	7,405.26	46.02	161.925		
1,300.00	1,273.89	1,277.89	1,277.89	6.85	42.99	115.99	-1,239.76	-7,269.04	7,466.82	7,417.04	49.78	149.989		
1,400.00	1,367.96	1,371.96	1,371.96	7.38	46.27	116.21	-1,239.76	-7,269.04	7,482.49	7,428.92	53.57	139.683		
1,500.00	1,462.03	1,466.03	1,466.03	7.93	49.54	116.44	-1,239.76	-7,269.04	7,498.28	7,440.91	57.37	130.703		
1,600.00	1,556.10	1,560.10	1,560.10	8.49	52.82	116.66	-1,239.76	-7,269.04	7,514.19	7,453.01	61.18	122.817		
1,700.00	1,650.17	1,654.17	1,654.17	9.06	56.10	116.88	-1,239.76	-7,269.04	7,530.22	7,465.22	65.01	115.839		
1,800.00	1,744.24	1,748.24	1,748.24	9.65	59.38	117.10	-1,239.76	-7,269.04	7,546.37	7,477.54	68.84	109.626		
1,900.00	1,838.31	1,842.31	1,842.31	10.23	62.66	117.31	-1,239.76	-7,269.04	7,562.64	7,489.96	72.68	104.060		
2,000.00	1,932.38	1,936.38	1,936.38	10.83	65.94	117.53	-1,239.76	-7,269.04	7,579.02	7,502.50	76.52	99.047		
2,100.00	2,026.45	2,030.45	2,030.45	11.43	69.22	117.75	-1,239.76	-7,269.04	7,595.52	7,515.15	80.37	94.509		
2,200.00	2,120.52	2,124.52	2,124.52	12.03	72.50	117.96	-1,239.76	-7,269.04	7,612.14	7,527.92	84.22	90.384		
2,300.00	2,214.59	2,218.59	2,218.59	12.63	75.78	118.18	-1,239.76	-7,269.04	7,628.87	7,540.79	88.07	86.618		
2,400.00	2,308.66	2,312.66	2,312.66	13.24	79.06	118.39	-1,239.76	-7,269.04	7,645.71	7,553.78	91.93	83.166		
2,500.00	2,402.73	2,406.73	2,406.73	13.86	82.34	118.60	-1,239.76	-7,269.04	7,662.67	7,566.87	95.79	79.992		
2,600.00	2,496.80	2,500.80	2,500.80	14.47	85.62	118.82	-1,239.76	-7,269.04	7,679.74	7,580.08	99.65	77.064		
2,700.00	2,590.87	2,605.13	2,594.87	15.09	89.26	119.03	-1,239.76	-7,269.04	7,696.92	7,593.04	103.87	74.098		
2,800.00	2,684.95	2,688.95	2,688.95	15.71	92.18	119.24	-1,239.76	-7,269.04	7,714.21	7,606.83	107.38	71.840		
2,900.00	2,779.02	2,783.02	2,783.02	16.33	95.47	119.45	-1,239.76	-7,269.04	7,731.61	7,620.36	111.25	69.500		
3,000.00	2,873.09	2,877.09	2,877.09	16.95	98.75	119.66	-1,239.76	-7,269.04	7,749.12	7,634.01	115.11	67.318		
3,100.00	2,967.16	2,971.16	2,971.16	17.57	102.03	119.86	-1,239.76	-7,269.04	7,766.74	7,647.76	118.98	65.279		
3,200.00	3,061.23	3,065.23	3,065.23	18.20	105.31	120.07	-1,239.76	-7,269.04	7,784.47	7,661.62	122.85	63.368		
3,300.00	3,155.30	3,159.30	3,159.30	18.82	108.60	120.28	-1,239.76	-7,269.04	7,802.30	7,675.59	126.71	61.575		
3,400.00	3,249.37	3,253.37	3,253.37	19.45	111.88	120.48	-1,239.76	-7,269.04	7,820.25	7,689.67	130.58	59.889		
3,500.00	3,343.44	3,347.44	3,347.44	20.07	115.16	120.69	-1,239.76	-7,269.04	7,838.29	7,703.85	134.45	58.300		
3,600.00	3,437.51	3,441.51	3,441.51	20.70	118.44	120.89	-1,239.76	-7,269.04	7,856.45	7,718.13	138.31	56.801		
3,700.00	3,531.58	3,535.58	3,535.58	21.33	121.73	121.09	-1,239.76	-7,269.04	7,874.70	7,732.52	142.18	55.385		
3,800.00	3,625.65	3,629.65	3,629.65	21.96	125.01	121.30	-1,239.76	-7,269.04	7,893.06	7,747.01	146.05	54.044		
3,900.00	3,719.72	3,723.72	3,723.72	22.59	128.29	121.50	-1,239.76	-7,269.04	7,911.53	7,761.61	149.92	52.773		
4,000.00	3,813.79	3,817.79	3,817.79	23.22	131.57	121.70	-1,239.76	-7,269.04	7,930.09	7,776.31	153.78	51.566		
4,100.00	3,907.86	3,911.86	3,911.86	23.85	134.86	121.90	-1,239.76	-7,269.04	7,948.76	7,791.11	157.65	50.420		
4,200.00	4,001.93	4,005.93	4,005.93	24.48	138.14	122.09	-1,239.76	-7,269.04	7,967.52	7,806.01	161.52	49.329		
4,300.00	4,096.00	4,100.00	4,100.00	25.11	141.42	122.29	-1,239.76	-7,269.04	7,986.39	7,821.01	165.38	48.290		
4,400.00	4,190.07	4,205.93	4,194.07	25.75	145.12	122.49	-1,239.76	-7,269.04	8,005.36	7,835.70	169.66	47.184		
4,500.00	4,284.14	4,288.14	4,288.14	26.38	147.99	122.68	-1,239.76	-7,269.04	8,024.42	7,851.31	173.11	46.353		
4,600.00	4,378.21	4,382.21	4,382.21	27.01	151.27	122.88	-1,239.76	-7,269.04	8,043.59	7,866.61	176.98	45.449		
4,700.00	4,472.28	4,476.28	4,476.28	27.65	154.56	123.07	-1,239.76	-7,269.04	8,062.85	7,882.00	180.84	44.585		
4,800.00	4,566.35	4,570.35	4,570.35	28.28	157.84	123.27	-1,239.76	-7,269.04	8,082.20	7,897.50	184.71	43.757		
4,900.00	4,660.42	4,664.42	4,664.42	28.91	161.12	123.46	-1,239.76	-7,269.04	8,101.66	7,913.09	188.57	42.963		
5,000.00	4,754.49	4,758.49	4,758.49	29.55	164.41	123.65	-1,239.76	-7,269.04	8,121.20	7,928.77	192.43	42.203		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,852.56	4,852.56	30.18	167.69	123.84	-1,239.76	-7,269.04	8,140.85	7,944.55	196.30	41.472		
5,200.00	4,942.63	4,946.63	4,946.63	30.82	170.97	124.03	-1,239.76	-7,269.04	8,160.58	7,960.42	200.16	40.771		
5,300.00	5,036.70	5,040.70	5,040.70	31.45	174.26	124.22	-1,239.76	-7,269.04	8,180.41	7,976.39	204.02	40.096		
5,400.00	5,130.77	5,134.77	5,134.77	32.09	177.54	124.41	-1,239.76	-7,269.04	8,200.33	7,992.45	207.88	39.447		
5,500.00	5,224.84	5,228.84	5,228.84	32.72	180.82	124.60	-1,239.76	-7,269.04	8,220.34	8,008.60	211.74	38.823		
5,600.00	5,318.91	5,322.91	5,322.91	33.36	184.11	124.78	-1,239.76	-7,269.04	8,240.45	8,024.85	215.60	38.221		
5,700.00	5,412.98	5,416.98	5,416.98	33.99	187.39	124.97	-1,239.76	-7,269.04	8,260.64	8,041.18	219.46	37.641		
5,800.00	5,507.06	5,511.06	5,511.06	34.63	190.67	125.15	-1,239.76	-7,269.04	8,280.93	8,057.61	223.32	37.081		
5,900.00	5,601.13	5,605.13	5,605.13	35.26	193.96	125.34	-1,239.76	-7,269.04	8,301.30	8,074.12	227.18	36.541		
6,000.00	5,695.20	5,700.80	5,699.20	35.90	197.30	125.52	-1,239.76	-7,269.04	8,321.76	8,090.67	231.09	36.011		
6,100.00	5,789.27	5,806.73	5,793.27	36.54	200.99	125.70	-1,239.76	-7,269.04	8,342.31	8,106.95	235.36	35.445		
6,200.00	5,883.34	5,887.34	5,887.34	37.17	203.81	125.88	-1,239.76	-7,269.04	8,362.95	8,124.20	238.75	35.029		
6,300.00	5,977.41	5,981.41	5,981.41	37.81	207.09	126.06	-1,239.76	-7,269.04	8,383.67	8,141.07	242.60	34.557		
6,400.00	6,071.48	6,075.48	6,075.48	38.44	210.38	126.24	-1,239.76	-7,269.04	8,404.48	8,158.02	246.46	34.101		
6,500.00	6,165.55	6,169.55	6,169.55	39.08	213.66	126.42	-1,239.76	-7,269.04	8,425.37	8,175.06	250.31	33.660		
6,600.00	6,259.62	6,263.62	6,263.62	39.72	216.94	126.60	-1,239.76	-7,269.04	8,446.35	8,192.19	254.16	33.232		
6,677.33	6,332.36	6,336.36	6,336.36	40.21	219.48	126.74	-1,239.76	-7,269.04	8,462.63	8,205.49	257.14	32.910		
6,700.00	6,353.76	6,357.76	6,357.76	40.35	220.23	121.80	-1,239.76	-7,269.04	8,467.02	8,209.00	258.02	32.816		
6,750.00	6,401.37	6,405.37	6,405.37	40.64	221.89	108.97	-1,239.76	-7,269.04	8,473.90	8,213.95	259.95	32.599		
6,800.00	6,449.30	6,453.30	6,453.30	40.89	223.56	94.13	-1,239.76	-7,269.04	8,476.90	8,215.03	261.87	32.371		
6,850.00	6,497.25	6,501.25	6,501.25	41.11	225.24	79.09	-1,239.76	-7,269.04	8,476.00	8,212.24	263.76	32.135		
6,900.00	6,544.95	6,548.95	6,548.95	41.29	226.90	65.83	-1,239.76	-7,269.04	8,471.21	8,205.60	265.61	31.893		
6,950.00	6,592.08	6,603.93	6,596.08	41.45	228.82	55.24	-1,239.76	-7,269.04	8,462.56	8,194.88	267.68	31.614		
7,000.00	6,638.35	6,642.35	6,642.35	41.58	230.16	47.20	-1,239.76	-7,269.04	8,450.11	8,180.96	269.14	31.396		
7,050.00	6,683.50	6,687.50	6,687.50	41.70	231.74	41.19	-1,239.76	-7,269.04	8,433.92	8,163.11	270.81	31.143		
7,100.00	6,727.22	6,731.22	6,731.22	41.81	233.26	36.69	-1,239.76	-7,269.04	8,414.10	8,141.70	272.40	30.889		
7,150.00	6,769.26	6,773.26	6,773.26	41.92	234.73	33.30	-1,239.76	-7,269.04	8,390.77	8,116.86	273.91	30.633		
7,200.00	6,809.36	6,813.36	6,813.36	42.03	236.13	30.75	-1,239.76	-7,269.04	8,364.07	8,088.74	275.33	30.378		
7,250.00	6,847.27	6,851.27	6,851.27	42.15	237.46	28.85	-1,239.76	-7,269.04	8,334.17	8,057.51	276.66	30.125		
7,300.00	6,882.75	6,886.75	6,886.75	42.27	238.69	27.47	-1,239.76	-7,269.04	8,301.24	8,023.36	277.88	29.873		
7,350.00	6,915.58	6,919.58	6,919.58	42.41	239.84	26.53	-1,239.76	-7,269.04	8,265.50	7,986.49	279.01	29.625		
7,400.00	6,945.57	6,949.57	6,949.57	42.57	240.89	26.00	-1,239.76	-7,269.04	8,227.14	7,947.12	280.02	29.380		
7,450.00	6,972.53	6,976.53	6,976.53	42.75	241.83	25.87	-1,239.76	-7,269.04	8,186.42	7,905.50	280.93	29.141		
7,500.00	6,996.30	7,000.30	7,000.30	42.95	242.66	26.18	-1,239.76	-7,269.04	8,143.58	7,861.86	281.71	28.907		
7,550.00	7,016.72	7,020.72	7,020.72	43.17	243.37	27.06	-1,239.76	-7,269.04	8,098.87	7,816.49	282.39	28.680		
7,600.00	7,033.66	7,037.66	7,037.66	43.43	243.96	28.74	-1,239.76	-7,269.04	8,052.58	7,769.64	282.94	28.461		
7,650.00	7,047.04	7,051.04	7,051.04	43.72	244.43	31.76	-1,239.76	-7,269.04	8,004.98	7,721.61	283.37	28.249		
7,700.00	7,056.76	7,060.76	7,060.76	44.05	244.77	37.47	-1,239.76	-7,269.04	7,956.36	7,672.69	283.68	28.047		
7,750.00	7,062.76	7,066.76	7,066.76	44.41	244.98	50.07	-1,239.76	-7,269.04	7,907.03	7,623.17	283.86	27.855		
7,799.36	7,065.00	7,069.00	7,069.00	44.81	245.06	83.90	-1,239.76	-7,269.04	7,857.93	7,574.00	283.93	27.676		
7,900.00	7,065.83	7,069.83	7,069.83	45.73	245.08	83.98	-1,239.76	-7,269.04	7,757.59	7,473.66	283.94	27.322		
8,000.00	7,066.66	7,070.66	7,070.66	46.83	245.11	84.05	-1,239.76	-7,269.04	7,657.91	7,373.96	283.95	26.969		
8,100.00	7,067.49	7,071.49	7,071.49	48.11	245.14	84.13	-1,239.76	-7,269.04	7,558.23	7,274.26	283.96	26.617		
8,200.00	7,068.31	7,072.31	7,072.31	49.55	245.17	84.21	-1,239.76	-7,269.04	7,458.56	7,174.58	283.98	26.265		
8,300.00	7,069.14	7,073.14	7,073.14	51.14	245.20	84.29	-1,239.76	-7,269.04	7,358.89	7,074.90	284.00	25.912		
8,400.00	7,069.96	7,073.96	7,073.96	52.86	245.23	84.36	-1,239.76	-7,269.04	7,259.24	6,975.22	284.02	25.559		
8,500.00	7,070.79	7,074.79	7,074.79	54.70	245.26	84.44	-1,239.76	-7,269.04	7,159.60	6,875.56	284.04	25.206		
8,600.00	7,071.61	7,075.61	7,075.61	56.64	245.29	84.52	-1,239.76	-7,269.04	7,059.96	6,775.90	284.06	24.853		
8,700.00	7,072.44	7,076.44	7,076.44	58.68	245.32	84.60	-1,239.76	-7,269.04	6,960.34	6,676.25	284.09	24.500		
8,800.00	7,073.27	7,077.27	7,077.27	60.78	245.34	84.67	-1,239.76	-7,269.04	6,860.73	6,576.60	284.13	24.147		
8,900.00	7,074.09	7,078.09	7,078.09	62.96	245.37	84.75	-1,239.76	-7,269.04	6,761.13	6,476.96	284.16	23.793		
9,000.00	7,074.92	7,078.92	7,078.92	65.19	245.40	84.83	-1,239.76	-7,269.04	6,661.54	6,377.34	284.20	23.439		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,079.74	7,079.74	67.48	245.43	84.91	-1,239.76	-7,269.04	6,561.96	6,277.72	284.24	23.086		
9,200.00	7,076.57	7,080.57	7,080.57	69.82	245.46	84.98	-1,239.76	-7,269.04	6,462.40	6,178.11	284.29	22.732		
9,300.00	7,077.40	7,081.40	7,081.40	72.19	245.49	85.06	-1,239.76	-7,269.04	6,362.85	6,078.50	284.34	22.377		
9,400.00	7,078.22	7,082.22	7,082.22	74.61	245.52	85.14	-1,239.76	-7,269.04	6,263.31	5,978.91	284.40	22.023		
9,500.00	7,079.05	7,083.05	7,083.05	77.05	245.55	85.22	-1,239.76	-7,269.04	6,163.79	5,879.33	284.46	21.668		
9,600.00	7,079.87	7,083.87	7,083.87	79.53	245.57	85.29	-1,239.76	-7,269.04	6,064.28	5,779.76	284.53	21.313		
9,700.00	7,080.70	7,084.70	7,084.70	82.03	245.60	85.37	-1,239.76	-7,269.04	5,964.80	5,680.19	284.60	20.958		
9,800.00	7,081.53	7,085.53	7,085.53	84.55	245.63	85.45	-1,239.76	-7,269.04	5,865.32	5,580.64	284.68	20.603		
9,900.00	7,082.35	7,086.35	7,086.35	87.10	245.66	85.53	-1,239.76	-7,269.04	5,765.87	5,481.10	284.77	20.248		
10,000.00	7,083.18	7,087.18	7,087.18	89.67	245.69	85.60	-1,239.76	-7,269.04	5,666.44	5,381.58	284.86	19.892		
10,100.00	7,084.00	7,088.00	7,088.00	92.25	245.72	85.68	-1,239.76	-7,269.04	5,567.02	5,282.06	284.96	19.536		
10,200.00	7,084.83	7,088.83	7,088.83	94.86	245.75	85.76	-1,239.76	-7,269.04	5,467.63	5,182.56	285.07	19.180		
10,300.00	7,085.65	7,089.65	7,089.65	97.47	245.78	85.84	-1,239.76	-7,269.04	5,368.26	5,083.07	285.19	18.823		
10,400.00	7,086.48	7,109.52	7,090.48	100.10	246.47	85.92	-1,239.76	-7,269.04	5,268.91	4,982.93	285.99	18.424		
10,500.00	7,087.31	7,108.69	7,091.31	102.75	246.44	85.99	-1,239.76	-7,269.04	5,169.59	4,883.52	286.07	18.071		
10,600.00	7,088.13	7,107.87	7,092.13	105.40	246.41	86.07	-1,239.76	-7,269.04	5,070.30	4,784.13	286.16	17.718		
10,700.00	7,088.96	7,107.04	7,092.96	108.07	246.38	86.15	-1,239.76	-7,269.04	4,971.03	4,684.76	286.27	17.365		
10,800.00	7,089.78	7,106.22	7,093.78	110.75	246.35	86.23	-1,239.76	-7,269.04	4,871.79	4,585.40	286.39	17.011		
10,900.00	7,090.61	7,105.39	7,094.61	113.43	246.33	86.30	-1,239.76	-7,269.04	4,772.59	4,486.06	286.53	16.657		
11,000.00	7,091.44	7,104.56	7,095.44	116.13	246.30	86.38	-1,239.76	-7,269.04	4,673.41	4,386.73	286.68	16.302		
11,100.00	7,092.26	7,103.74	7,096.26	118.83	246.27	86.46	-1,239.76	-7,269.04	4,574.28	4,287.42	286.85	15.946		
11,200.00	7,093.09	7,102.91	7,097.09	121.54	246.24	86.54	-1,239.76	-7,269.04	4,475.18	4,188.13	287.05	15.591		
11,300.00	7,093.91	7,102.09	7,097.91	124.25	246.21	86.62	-1,239.76	-7,269.04	4,376.12	4,088.86	287.26	15.234		
11,400.00	7,094.74	7,101.26	7,098.74	126.98	246.18	86.69	-1,239.76	-7,269.04	4,277.11	3,989.61	287.50	14.877		
11,500.00	7,095.57	7,100.43	7,099.57	129.70	246.15	86.77	-1,239.76	-7,269.04	4,178.14	3,890.39	287.76	14.520		
11,600.00	7,096.39	7,100.39	7,100.39	132.44	246.15	86.85	-1,239.76	-7,269.04	4,079.23	3,791.15	288.08	14.160		
11,700.00	7,097.22	7,101.22	7,101.22	135.18	246.18	86.93	-1,239.76	-7,269.04	3,980.37	3,691.91	288.46	13.799		
11,800.00	7,098.04	7,102.04	7,102.04	137.92	246.21	87.01	-1,239.76	-7,269.04	3,881.56	3,592.69	288.87	13.437		
11,900.00	7,098.87	7,102.87	7,102.87	140.67	246.24	87.08	-1,239.76	-7,269.04	3,782.82	3,493.49	289.33	13.075		
12,000.00	7,099.69	7,103.69	7,103.69	143.43	246.27	87.16	-1,239.76	-7,269.04	3,684.15	3,394.32	289.82	12.712		
12,100.00	7,100.52	7,104.52	7,104.52	146.19	246.30	87.24	-1,239.76	-7,269.04	3,585.55	3,295.18	290.36	12.348		
12,200.00	7,101.35	7,105.35	7,105.35	148.95	246.32	87.32	-1,239.76	-7,269.04	3,487.03	3,196.07	290.96	11.985		
12,300.00	7,102.17	7,106.17	7,106.17	151.71	246.35	87.40	-1,239.76	-7,269.04	3,388.59	3,096.98	291.61	11.620		
12,400.00	7,103.00	7,107.00	7,107.00	154.48	246.38	87.47	-1,239.76	-7,269.04	3,290.25	2,997.93	292.32	11.256		
12,500.00	7,103.82	7,107.82	7,107.82	157.26	246.41	87.55	-1,239.76	-7,269.04	3,192.02	2,898.91	293.10	10.890		
12,600.00	7,104.65	7,108.65	7,108.65	160.03	246.44	87.63	-1,239.76	-7,269.04	3,093.89	2,799.93	293.96	10.525		
12,700.00	7,105.48	7,109.48	7,109.48	162.81	246.47	87.71	-1,239.76	-7,269.04	2,995.89	2,700.98	294.91	10.159		
12,800.00	7,106.30	7,110.30	7,110.30	165.59	246.50	87.79	-1,239.76	-7,269.04	2,898.03	2,602.07	295.95	9.792		
12,900.00	7,107.13	7,111.13	7,111.13	168.38	246.53	87.86	-1,239.76	-7,269.04	2,800.31	2,503.21	297.10	9.425		
13,000.00	7,107.95	7,111.95	7,111.95	171.16	246.56	87.94	-1,239.76	-7,269.04	2,702.77	2,404.39	298.38	9.058		
13,100.00	7,108.78	7,112.78	7,112.78	173.95	246.58	88.02	-1,239.76	-7,269.04	2,605.41	2,305.63	299.78	8.691		
13,200.00	7,109.61	7,113.61	7,113.61	176.74	246.61	88.10	-1,239.76	-7,269.04	2,508.25	2,206.92	301.34	8.324		
13,300.00	7,110.43	7,114.43	7,114.43	179.54	246.64	88.18	-1,239.76	-7,269.04	2,411.33	2,108.27	303.06	7.957		
13,368.87	7,111.00	7,115.00	7,115.00	181.46	246.66	88.23	-1,239.76	-7,269.04	2,344.74	2,040.38	304.36	7.704	CC, ES, SF	

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	10.00	10.00	3.28	3.28	-86.52	338.70	-5,575.25	5,585.53					
100.00	100.00	110.00	110.00	3.28	3.89	-86.52	338.70	-5,575.25	5,585.53	5,578.35	7.18	778.314		
200.00	200.00	210.00	210.00	3.34	6.48	-86.52	338.70	-5,575.25	5,585.53	5,575.71	9.81	569.111		
300.00	299.98	309.98	309.98	3.44	9.65	129.12	338.70	-5,575.25	5,586.63	5,573.54	13.09	426.769		
400.00	399.84	409.84	409.84	3.59	12.98	129.11	338.70	-5,575.25	5,589.93	5,573.36	16.57	337.260		
500.00	499.45	509.45	509.45	3.79	16.37	129.10	338.70	-5,575.25	5,595.44	5,575.28	20.16	277.512		
600.00	598.70	608.70	608.70	4.04	19.78	129.07	338.70	-5,575.25	5,603.16	5,579.35	23.81	235.293		
700.00	697.47	707.47	707.47	4.32	23.19	129.04	338.70	-5,575.25	5,613.09	5,585.59	27.50	204.078		
800.00	795.62	805.62	805.62	4.65	26.58	129.00	338.70	-5,575.25	5,625.24	5,594.02	31.22	180.170		
900.00	893.06	903.06	903.06	5.01	29.96	128.95	338.70	-5,575.25	5,639.61	5,604.66	34.95	161.340		
1,000.00	989.64	1,000.36	999.64	5.41	33.34	128.89	338.70	-5,575.25	5,656.21	5,617.49	38.72	146.078		
1,100.00	1,085.27	1,104.73	1,095.27	5.85	36.97	128.81	338.70	-5,575.25	5,675.05	5,632.28	42.77	132.698		
1,191.50	1,171.82	1,181.82	1,181.82	6.29	39.65	128.73	338.70	-5,575.25	5,694.25	5,648.39	45.86	124.171		
1,200.00	1,179.82	1,189.82	1,189.82	6.34	39.93	128.75	338.70	-5,575.25	5,696.12	5,649.94	46.18	123.352		
1,300.00	1,273.89	1,283.89	1,283.89	6.85	43.20	129.01	338.70	-5,575.25	5,718.20	5,668.28	49.92	114.549		
1,400.00	1,367.96	1,377.96	1,377.96	7.38	46.48	129.26	338.70	-5,575.25	5,740.39	5,686.71	53.68	106.939		
1,500.00	1,462.03	1,472.03	1,472.03	7.93	49.75	129.52	338.70	-5,575.25	5,762.70	5,705.25	57.45	100.302		
1,600.00	1,556.10	1,566.10	1,566.10	8.49	53.03	129.77	338.70	-5,575.25	5,785.12	5,723.88	61.24	94.468		
1,700.00	1,650.17	1,660.17	1,660.17	9.06	56.31	130.01	338.70	-5,575.25	5,807.65	5,742.62	65.03	89.302		
1,800.00	1,744.24	1,754.24	1,754.24	9.65	59.59	130.26	338.70	-5,575.25	5,830.30	5,761.46	68.84	84.697		
1,900.00	1,838.31	1,848.31	1,848.31	10.23	62.86	130.51	338.70	-5,575.25	5,853.05	5,780.40	72.65	80.570		
2,000.00	1,932.38	1,942.38	1,942.38	10.83	66.14	130.75	338.70	-5,575.25	5,875.91	5,799.45	76.46	76.850		
2,100.00	2,026.45	2,036.45	2,036.45	11.43	69.42	130.99	338.70	-5,575.25	5,898.87	5,818.59	80.28	73.481		
2,200.00	2,120.52	2,130.52	2,130.52	12.03	72.71	131.23	338.70	-5,575.25	5,921.94	5,837.84	84.10	70.417		
2,300.00	2,214.59	2,224.59	2,224.59	12.63	75.99	131.47	338.70	-5,575.25	5,945.12	5,857.20	87.92	67.618		
2,400.00	2,308.66	2,318.66	2,318.66	13.24	79.27	131.70	338.70	-5,575.25	5,968.40	5,876.65	91.75	65.051		
2,500.00	2,402.73	2,412.73	2,412.73	13.86	82.55	131.94	338.70	-5,575.25	5,991.78	5,896.20	95.58	62.691		
2,600.00	2,496.80	2,506.80	2,506.80	14.47	85.83	132.17	338.70	-5,575.25	6,015.26	5,915.85	99.41	60.512		
2,700.00	2,590.87	2,600.87	2,600.87	15.09	89.11	132.40	338.70	-5,575.25	6,038.84	5,935.60	103.24	58.495		
2,800.00	2,684.95	2,694.95	2,694.95	15.71	92.75	132.63	338.70	-5,575.25	6,062.51	5,955.09	107.42	56.437		
2,900.00	2,779.02	2,789.02	2,789.02	16.33	95.68	132.86	338.70	-5,575.25	6,086.29	5,975.39	110.90	54.880		
3,000.00	2,873.09	2,883.09	2,883.09	16.95	98.96	133.08	338.70	-5,575.25	6,110.16	5,995.42	114.73	53.255		
3,100.00	2,967.16	2,977.16	2,977.16	17.57	102.24	133.31	338.70	-5,575.25	6,134.12	6,015.55	118.57	51.735		
3,200.00	3,061.23	3,071.23	3,071.23	18.20	105.52	133.53	338.70	-5,575.25	6,158.18	6,035.78	122.40	50.311		
3,300.00	3,155.30	3,165.30	3,165.30	18.82	108.80	133.75	338.70	-5,575.25	6,182.33	6,056.10	126.24	48.974		
3,400.00	3,249.37	3,259.37	3,259.37	19.45	112.09	133.97	338.70	-5,575.25	6,206.58	6,076.51	130.07	47.717		
3,500.00	3,343.44	3,353.44	3,353.44	20.07	115.37	134.19	338.70	-5,575.25	6,230.91	6,097.00	133.90	46.533		
3,600.00	3,437.51	3,447.51	3,447.51	20.70	118.65	134.41	338.70	-5,575.25	6,255.33	6,117.59	137.74	45.415		
3,700.00	3,531.58	3,541.58	3,541.58	21.33	121.94	134.62	338.70	-5,575.25	6,279.84	6,138.27	141.57	44.358		
3,800.00	3,625.65	3,635.65	3,635.65	21.96	125.22	134.83	338.70	-5,575.25	6,304.44	6,159.03	145.40	43.358		
3,900.00	3,719.72	3,729.72	3,729.72	22.59	128.50	135.04	338.70	-5,575.25	6,329.12	6,179.88	149.24	42.410		
4,000.00	3,813.79	3,823.79	3,823.79	23.22	131.78	135.25	338.70	-5,575.25	6,353.89	6,200.82	153.07	41.509		
4,100.00	3,907.86	3,917.86	3,917.86	23.85	135.07	135.46	338.70	-5,575.25	6,378.75	6,221.84	156.90	40.654		
4,200.00	4,001.93	4,011.93	4,011.93	24.48	138.35	135.67	338.70	-5,575.25	6,403.68	6,242.95	160.74	39.840		
4,300.00	4,096.00	4,106.00	4,106.00	25.11	141.63	135.88	338.70	-5,575.25	6,428.70	6,264.13	164.57	39.064		
4,400.00	4,190.07	4,200.07	4,200.07	25.75	144.92	136.08	338.70	-5,575.25	6,453.80	6,285.40	168.40	38.324		
4,500.00	4,284.14	4,305.86	4,294.14	26.38	148.61	136.28	338.70	-5,575.25	6,478.98	6,306.34	172.64	37.529		
4,600.00	4,378.21	4,388.21	4,388.21	27.01	151.48	136.48	338.70	-5,575.25	6,504.24	6,328.18	176.06	36.943		
4,700.00	4,472.28	4,482.28	4,482.28	27.65	154.77	136.68	338.70	-5,575.25	6,529.58	6,349.69	179.89	36.297		
4,800.00	4,566.35	4,576.35	4,576.35	28.28	158.05	136.88	338.70	-5,575.25	6,555.00	6,371.28	183.72	35.679		
4,900.00	4,660.42	4,670.42	4,670.42	28.91	161.33	137.08	338.70	-5,575.25	6,580.49	6,392.94	187.55	35.087		
5,000.00	4,754.49	4,764.49	4,764.49	29.55	164.62	137.27	338.70	-5,575.25	6,606.06	6,414.68	191.38	34.518		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,858.56	4,858.56	30.18	167.90	137.46	338.70	-5,575.25	6,631.70	6,436.50	195.21	33.973		
5,200.00	4,942.63	4,952.63	4,952.63	30.82	171.18	137.66	338.70	-5,575.25	6,657.42	6,458.39	199.03	33.449		
5,300.00	5,036.70	5,046.70	5,046.70	31.45	174.47	137.85	338.70	-5,575.25	6,683.21	6,480.35	202.86	32.945		
5,400.00	5,130.77	5,140.77	5,140.77	32.09	177.75	138.04	338.70	-5,575.25	6,709.07	6,502.39	206.69	32.460		
5,500.00	5,224.84	5,234.84	5,234.84	32.72	181.03	138.22	338.70	-5,575.25	6,735.01	6,524.49	210.51	31.993		
5,600.00	5,318.91	5,328.91	5,328.91	33.36	184.32	138.41	338.70	-5,575.25	6,761.01	6,546.67	214.34	31.543		
5,700.00	5,412.98	5,422.98	5,422.98	33.99	187.60	138.60	338.70	-5,575.25	6,787.09	6,568.93	218.16	31.110		
5,800.00	5,507.06	5,517.06	5,517.06	34.63	190.88	138.78	338.70	-5,575.25	6,813.23	6,591.25	221.99	30.692		
5,900.00	5,601.13	5,611.13	5,611.13	35.26	194.17	138.96	338.70	-5,575.25	6,839.45	6,613.63	225.81	30.288		
6,000.00	5,695.20	5,705.20	5,705.20	35.90	197.45	139.14	338.70	-5,575.25	6,865.73	6,636.09	229.64	29.898		
6,100.00	5,789.27	5,800.73	5,799.27	36.54	200.79	139.32	338.70	-5,575.25	6,892.08	6,658.56	233.51	29.515		
6,200.00	5,883.34	5,906.66	5,893.34	37.17	204.48	139.50	338.70	-5,575.25	6,918.49	6,680.74	237.75	29.100		
6,300.00	5,977.41	5,987.41	5,987.41	37.81	207.30	139.68	338.70	-5,575.25	6,944.97	6,703.86	241.10	28.805		
6,400.00	6,071.48	6,081.48	6,081.48	38.44	210.58	139.86	338.70	-5,575.25	6,971.51	6,726.58	244.93	28.464		
6,500.00	6,165.55	6,175.55	6,175.55	39.08	213.87	140.03	338.70	-5,575.25	6,998.12	6,749.37	248.75	28.134		
6,600.00	6,259.62	6,269.62	6,269.62	39.72	217.15	140.20	338.70	-5,575.25	7,024.79	6,772.22	252.57	27.814		
6,677.33	6,332.36	6,342.36	6,342.36	40.21	219.69	140.34	338.70	-5,575.25	7,045.45	6,789.93	255.52	27.573		
6,700.00	6,353.76	6,363.76	6,363.76	40.35	220.44	135.27	338.70	-5,575.25	7,051.14	6,794.76	256.39	27.502		
6,750.00	6,401.37	6,411.37	6,411.37	40.64	222.10	122.23	338.70	-5,575.25	7,061.03	6,802.73	258.31	27.336		
6,800.00	6,449.30	6,459.30	6,459.30	40.89	223.77	107.25	338.70	-5,575.25	7,067.22	6,807.00	260.22	27.159		
6,850.00	6,497.25	6,507.25	6,507.25	41.11	225.45	92.17	338.70	-5,575.25	7,069.66	6,807.55	262.11	26.972		
6,900.00	6,544.95	6,554.95	6,554.95	41.29	227.11	78.94	338.70	-5,575.25	7,068.36	6,804.39	263.96	26.778		
6,950.00	6,592.08	6,602.08	6,602.08	41.45	228.76	68.47	338.70	-5,575.25	7,063.32	6,797.56	265.76	26.578		
7,000.00	6,638.35	6,648.35	6,648.35	41.58	230.37	60.63	338.70	-5,575.25	7,054.59	6,787.09	267.50	26.372		
7,050.00	6,683.50	6,706.51	6,693.50	41.70	232.40	54.90	338.70	-5,575.25	7,042.23	6,772.61	269.62	26.119		
7,100.00	6,727.22	6,737.22	6,737.22	41.81	233.47	50.78	338.70	-5,575.25	7,026.31	6,755.55	270.75	25.951		
7,150.00	6,769.26	6,779.26	6,779.26	41.92	234.94	47.88	338.70	-5,575.25	7,006.94	6,734.68	272.25	25.737		
7,200.00	6,809.36	6,819.36	6,819.36	42.03	236.34	45.93	338.70	-5,575.25	6,984.24	6,710.58	273.67	25.521		
7,250.00	6,847.27	6,857.27	6,857.27	42.15	237.66	44.77	338.70	-5,575.25	6,958.36	6,683.38	274.98	25.305		
7,300.00	6,882.75	6,907.25	6,892.75	42.27	239.41	44.28	338.70	-5,575.25	6,929.46	6,652.76	276.70	25.043		
7,350.00	6,915.58	6,925.58	6,925.58	42.41	240.05	44.42	338.70	-5,575.25	6,897.72	6,620.42	277.30	24.874		
7,400.00	6,945.57	6,955.57	6,955.57	42.57	241.10	45.18	338.70	-5,575.25	6,863.34	6,585.04	278.31	24.661		
7,450.00	6,972.53	6,982.53	6,982.53	42.75	242.04	46.60	338.70	-5,575.25	6,826.53	6,547.33	279.20	24.450		
7,500.00	6,996.30	7,006.30	7,006.30	42.95	242.87	48.76	338.70	-5,575.25	6,787.52	6,507.54	279.98	24.243		
7,550.00	7,016.72	7,026.72	7,026.72	43.17	243.58	51.80	338.70	-5,575.25	6,746.54	6,465.89	280.65	24.039		
7,600.00	7,033.66	7,043.66	7,043.66	43.43	244.17	55.92	338.70	-5,575.25	6,703.84	6,422.64	281.21	23.840		
7,650.00	7,047.04	7,057.04	7,057.04	43.72	244.64	61.39	338.70	-5,575.25	6,659.69	6,378.05	281.65	23.646		
7,700.00	7,056.76	7,066.76	7,066.76	44.05	244.98	68.54	338.70	-5,575.25	6,614.36	6,332.39	281.97	23.457		
7,750.00	7,062.76	7,072.76	7,072.76	44.41	245.19	77.67	338.70	-5,575.25	6,568.11	6,285.92	282.18	23.276		
7,799.36	7,065.00	7,075.00	7,075.00	44.81	245.27	88.67	338.70	-5,575.25	6,521.83	6,239.55	282.28	23.104		
7,900.00	7,065.83	7,075.83	7,075.83	45.73	245.29	88.69	338.70	-5,575.25	6,427.11	6,144.73	282.38	22.760		
8,000.00	7,066.66	7,076.66	7,076.66	46.83	245.32	88.71	338.70	-5,575.25	6,333.17	6,050.66	282.51	22.417		
8,100.00	7,067.49	7,077.49	7,077.49	48.11	245.35	88.74	338.70	-5,575.25	6,239.42	5,956.74	282.68	22.072		
8,200.00	7,068.31	7,078.31	7,078.31	49.55	245.38	88.76	338.70	-5,575.25	6,145.87	5,862.98	282.89	21.725		
8,300.00	7,069.14	7,079.14	7,079.14	51.14	245.41	88.78	338.70	-5,575.25	6,052.53	5,769.38	283.15	21.376		
8,400.00	7,069.96	7,079.96	7,079.96	52.86	245.44	88.80	338.70	-5,575.25	5,959.40	5,675.95	283.45	21.025		
8,500.00	7,070.79	7,080.79	7,080.79	54.70	245.47	88.82	338.70	-5,575.25	5,866.50	5,582.70	283.80	20.672		
8,600.00	7,071.61	7,081.61	7,081.61	56.64	245.50	88.84	338.70	-5,575.25	5,773.83	5,489.63	284.20	20.316		
8,700.00	7,072.44	7,082.44	7,082.44	58.68	245.52	88.87	338.70	-5,575.25	5,681.41	5,396.76	284.66	19.959		
8,800.00	7,073.27	7,083.27	7,083.27	60.78	245.55	88.89	338.70	-5,575.25	5,589.26	5,304.08	285.17	19.599		
8,900.00	7,074.09	7,084.09	7,084.09	62.96	245.58	88.91	338.70	-5,575.25	5,497.38	5,211.62	285.75	19.238		
9,000.00	7,074.92	7,084.92	7,084.92	65.19	245.61	88.93	338.70	-5,575.25	5,405.78	5,119.38	286.40	18.875		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,085.74	7,085.74	67.48	245.64	88.95	338.70	-5,575.25	5,314.49	5,027.37	287.12	18.510		
9,200.00	7,076.57	7,086.57	7,086.57	69.82	245.67	88.97	338.70	-5,575.25	5,223.52	4,935.61	287.90	18.143		
9,300.00	7,077.40	7,087.40	7,087.40	72.19	245.70	89.00	338.70	-5,575.25	5,132.88	4,844.11	288.77	17.775		
9,400.00	7,078.22	7,088.22	7,088.22	74.61	245.73	89.02	338.70	-5,575.25	5,042.60	4,752.89	289.71	17.406		
9,500.00	7,079.05	7,089.05	7,089.05	77.05	245.76	89.04	338.70	-5,575.25	4,952.69	4,661.95	290.73	17.035		
9,600.00	7,079.87	7,089.87	7,089.87	79.53	245.78	89.06	338.70	-5,575.25	4,863.17	4,571.33	291.85	16.664		
9,700.00	7,080.70	7,109.30	7,090.70	82.03	246.46	89.08	338.70	-5,575.25	4,774.07	4,480.38	293.70	16.255		
9,800.00	7,081.53	7,108.47	7,091.53	84.55	246.43	89.10	338.70	-5,575.25	4,685.41	4,390.48	294.93	15.886		
9,900.00	7,082.35	7,107.65	7,092.35	87.10	246.40	89.13	338.70	-5,575.25	4,597.22	4,300.96	296.26	15.517		
10,000.00	7,083.18	7,106.82	7,093.18	89.67	246.38	89.15	338.70	-5,575.25	4,509.52	4,211.82	297.70	15.148		
10,100.00	7,084.00	7,106.00	7,094.00	92.25	246.35	89.17	338.70	-5,575.25	4,422.34	4,123.11	299.23	14.779		
10,200.00	7,084.83	7,105.17	7,094.83	94.86	246.32	89.19	338.70	-5,575.25	4,335.71	4,034.84	300.87	14.410		
10,300.00	7,085.65	7,104.35	7,095.65	97.47	246.29	89.21	338.70	-5,575.25	4,249.67	3,947.04	302.63	14.043		
10,400.00	7,086.48	7,103.52	7,096.48	100.10	246.26	89.23	338.70	-5,575.25	4,164.25	3,859.76	304.49	13.676		
10,500.00	7,087.31	7,102.69	7,097.31	102.75	246.23	89.26	338.70	-5,575.25	4,079.50	3,773.02	306.48	13.311		
10,600.00	7,088.13	7,101.87	7,098.13	105.40	246.20	89.28	338.70	-5,575.25	3,995.45	3,686.87	308.58	12.948		
10,700.00	7,088.96	7,101.04	7,098.96	108.07	246.17	89.30	338.70	-5,575.25	3,912.15	3,601.34	310.82	12.587		
10,800.00	7,089.78	7,100.22	7,099.78	110.75	246.15	89.32	338.70	-5,575.25	3,829.65	3,516.47	313.18	12.228		
10,900.00	7,090.61	7,100.61	7,100.61	113.43	246.16	89.34	338.70	-5,575.25	3,748.01	3,432.29	315.72	11.871		
11,000.00	7,091.44	7,101.44	7,101.44	116.13	246.19	89.36	338.70	-5,575.25	3,667.27	3,348.86	318.41	11.517		
11,100.00	7,092.26	7,102.26	7,102.26	118.83	246.22	89.38	338.70	-5,575.25	3,587.50	3,266.26	321.25	11.167		
11,200.00	7,093.09	7,103.09	7,103.09	121.54	246.25	89.41	338.70	-5,575.25	3,508.77	3,184.54	324.23	10.822		
11,300.00	7,093.91	7,103.91	7,103.91	124.25	246.27	89.43	338.70	-5,575.25	3,431.15	3,103.79	327.36	10.481		
11,400.00	7,094.74	7,104.74	7,104.74	126.98	246.30	89.45	338.70	-5,575.25	3,354.71	3,024.07	330.64	10.146		
11,500.00	7,095.57	7,105.57	7,105.57	129.70	246.33	89.47	338.70	-5,575.25	3,279.54	2,945.46	334.08	9.817		
11,600.00	7,096.39	7,106.39	7,106.39	132.44	246.36	89.49	338.70	-5,575.25	3,205.73	2,868.05	337.67	9.494		
11,700.00	7,097.22	7,107.22	7,107.22	135.18	246.39	89.51	338.70	-5,575.25	3,133.37	2,791.94	341.43	9.177		
11,800.00	7,098.04	7,108.04	7,108.04	137.92	246.42	89.54	338.70	-5,575.25	3,062.56	2,717.21	345.35	8.868		
11,900.00	7,098.87	7,108.87	7,108.87	140.67	246.45	89.56	338.70	-5,575.25	2,993.42	2,644.00	349.42	8.567		
12,000.00	7,099.69	7,109.69	7,109.69	143.43	246.48	89.58	338.70	-5,575.25	2,926.07	2,572.40	353.66	8.274		
12,100.00	7,100.52	7,110.52	7,110.52	146.19	246.51	89.60	338.70	-5,575.25	2,860.62	2,502.57	358.05	7.989		
12,200.00	7,101.35	7,111.35	7,111.35	148.95	246.53	89.62	338.70	-5,575.25	2,797.22	2,434.62	362.60	7.714		
12,300.00	7,102.17	7,112.17	7,112.17	151.71	246.56	89.64	338.70	-5,575.25	2,736.01	2,368.72	367.28	7.449		
12,400.00	7,103.00	7,113.00	7,113.00	154.48	246.59	89.67	338.70	-5,575.25	2,677.13	2,305.03	372.10	7.195		
12,500.00	7,103.82	7,113.82	7,113.82	157.26	246.62	89.69	338.70	-5,575.25	2,620.75	2,243.70	377.04	6.951		
12,600.00	7,104.65	7,114.65	7,114.65	160.03	246.65	89.71	338.70	-5,575.25	2,567.02	2,184.93	382.09	6.718		
12,700.00	7,105.48	7,115.48	7,115.48	162.81	246.68	89.73	338.70	-5,575.25	2,516.12	2,128.91	387.21	6.498		
12,800.00	7,106.30	7,116.30	7,116.30	165.59	246.71	89.75	338.70	-5,575.25	2,468.23	2,075.83	392.40	6.290		
12,900.00	7,107.13	7,117.13	7,117.13	168.38	246.74	89.77	338.70	-5,575.25	2,423.52	2,025.90	397.62	6.095		
13,000.00	7,107.95	7,117.95	7,117.95	171.16	246.76	89.80	338.70	-5,575.25	2,382.17	1,979.33	402.84	5.914		
13,100.00	7,108.78	7,118.78	7,118.78	173.95	246.79	89.82	338.70	-5,575.25	2,344.36	1,936.34	408.02	5.746		
13,200.00	7,109.61	7,119.61	7,119.61	176.74	246.82	89.84	338.70	-5,575.25	2,310.26	1,897.13	413.12	5.592		
13,300.00	7,110.43	7,120.43	7,120.43	179.54	246.85	89.86	338.70	-5,575.25	2,280.03	1,861.92	418.11	5.453		
13,368.87	7,111.00	7,121.00	7,121.00	181.46	246.87	89.88	338.70	-5,575.25	2,261.56	1,840.10	421.46	5.366 CC, ES, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	16.00	16.00	3.28	3.29	-87.10	163.78	-3,230.65	3,234.80					
100.00	100.00	116.00	116.00	3.28	4.01	-87.10	163.78	-3,230.65	3,234.80	3,227.51	7.29	443.544		
200.00	200.00	216.00	216.00	3.34	6.66	-87.10	163.78	-3,230.65	3,234.80	3,224.81	10.00	323.611		
300.00	299.98	315.98	315.98	3.44	9.85	128.56	163.78	-3,230.65	3,235.89	3,222.60	13.29	243.524		
400.00	399.84	415.84	415.84	3.59	13.19	128.58	163.78	-3,230.65	3,239.16	3,222.38	16.78	193.068		
500.00	499.45	515.45	515.45	3.79	16.58	128.62	163.78	-3,230.65	3,244.61	3,224.24	20.37	159.299		
600.00	598.70	614.70	614.70	4.04	19.98	128.66	163.78	-3,230.65	3,252.25	3,228.23	24.02	135.397		
700.00	697.47	713.47	713.47	4.32	23.39	128.72	163.78	-3,230.65	3,262.10	3,234.39	27.71	117.714		
800.00	795.62	811.62	811.62	4.65	26.79	128.79	163.78	-3,230.65	3,274.18	3,242.75	31.43	104.174		
900.00	893.06	909.06	909.06	5.01	30.17	128.87	163.78	-3,230.65	3,288.51	3,253.35	35.16	93.522		
1,000.00	989.64	1,005.64	1,005.64	5.41	33.52	128.95	163.78	-3,230.65	3,305.11	3,266.20	38.90	84.956		
1,100.00	1,085.27	1,101.27	1,101.27	5.85	36.85	129.03	163.78	-3,230.65	3,324.00	3,281.35	42.65	77.944		
1,191.50	1,171.82	1,187.82	1,187.82	6.29	39.86	129.11	163.78	-3,230.65	3,343.31	3,297.25	46.07	72.577		
1,200.00	1,179.82	1,204.18	1,195.82	6.34	40.43	129.14	163.78	-3,230.65	3,345.20	3,298.52	46.68	71.669		
1,300.00	1,273.89	1,289.89	1,289.89	6.85	43.41	129.57	163.78	-3,230.65	3,367.49	3,317.37	50.12	67.182		
1,400.00	1,367.96	1,383.96	1,383.96	7.38	46.68	130.00	163.78	-3,230.65	3,389.98	3,336.10	53.88	62.915		
1,500.00	1,462.03	1,478.03	1,478.03	7.93	49.96	130.42	163.78	-3,230.65	3,412.65	3,355.00	57.65	59.193		
1,600.00	1,556.10	1,572.10	1,572.10	8.49	53.24	130.84	163.78	-3,230.65	3,435.51	3,374.08	61.43	55.922		
1,700.00	1,650.17	1,666.17	1,666.17	9.06	56.52	131.25	163.78	-3,230.65	3,458.56	3,393.33	65.22	53.025		
1,800.00	1,744.24	1,760.24	1,760.24	9.65	59.79	131.66	163.78	-3,230.65	3,481.78	3,412.76	69.02	50.445		
1,900.00	1,838.31	1,854.31	1,854.31	10.23	63.07	132.06	163.78	-3,230.65	3,505.17	3,432.35	72.82	48.132		
2,000.00	1,932.38	1,948.38	1,948.38	10.83	66.35	132.45	163.78	-3,230.65	3,528.74	3,452.11	76.63	46.049		
2,100.00	2,026.45	2,042.45	2,042.45	11.43	69.63	132.84	163.78	-3,230.65	3,552.47	3,472.03	80.44	44.163		
2,200.00	2,120.52	2,136.52	2,136.52	12.03	72.91	133.23	163.78	-3,230.65	3,576.37	3,492.12	84.25	42.448		
2,300.00	2,214.59	2,230.59	2,230.59	12.63	76.20	133.61	163.78	-3,230.65	3,600.43	3,512.36	88.07	40.882		
2,400.00	2,308.66	2,324.66	2,324.66	13.24	79.48	133.99	163.78	-3,230.65	3,624.65	3,532.76	91.89	39.448		
2,500.00	2,402.73	2,418.73	2,418.73	13.86	82.76	134.36	163.78	-3,230.65	3,649.02	3,553.31	95.70	38.129		
2,600.00	2,496.80	2,512.80	2,512.80	14.47	86.04	134.73	163.78	-3,230.65	3,673.54	3,574.02	99.52	36.912		
2,700.00	2,590.87	2,606.87	2,606.87	15.09	89.32	135.09	163.78	-3,230.65	3,698.21	3,594.87	103.34	35.787		
2,800.00	2,684.95	2,700.95	2,700.95	15.71	92.60	135.45	163.78	-3,230.65	3,723.03	3,615.87	107.16	34.743		
2,900.00	2,779.02	2,804.98	2,795.02	16.33	96.23	135.80	163.78	-3,230.65	3,747.99	3,636.66	111.33	33.666		
3,000.00	2,873.09	2,889.09	2,889.09	16.95	99.17	136.15	163.78	-3,230.65	3,773.09	3,658.29	114.80	32.866		
3,100.00	2,967.16	2,983.16	2,983.16	17.57	102.45	136.49	163.78	-3,230.65	3,798.32	3,679.70	118.62	32.021		
3,200.00	3,061.23	3,077.23	3,077.23	18.20	105.73	136.84	163.78	-3,230.65	3,823.70	3,701.26	122.44	31.229		
3,300.00	3,155.30	3,171.30	3,171.30	18.82	109.01	137.17	163.78	-3,230.65	3,849.20	3,722.94	126.26	30.486		
3,400.00	3,249.37	3,265.37	3,265.37	19.45	112.30	137.50	163.78	-3,230.65	3,874.83	3,744.75	130.08	29.788		
3,500.00	3,343.44	3,359.44	3,359.44	20.07	115.58	137.83	163.78	-3,230.65	3,900.59	3,766.69	133.90	29.131		
3,600.00	3,437.51	3,453.51	3,453.51	20.70	118.86	138.15	163.78	-3,230.65	3,926.47	3,788.76	137.72	28.511		
3,700.00	3,531.58	3,547.58	3,547.58	21.33	122.14	138.47	163.78	-3,230.65	3,952.48	3,810.94	141.53	27.926		
3,800.00	3,625.65	3,641.65	3,641.65	21.96	125.43	138.79	163.78	-3,230.65	3,978.60	3,833.25	145.35	27.372		
3,900.00	3,719.72	3,735.72	3,735.72	22.59	128.71	139.10	163.78	-3,230.65	4,004.84	3,855.67	149.17	26.848		
4,000.00	3,813.79	3,829.79	3,829.79	23.22	131.99	139.41	163.78	-3,230.65	4,031.20	3,878.21	152.98	26.351		
4,100.00	3,907.86	3,923.86	3,923.86	23.85	135.28	139.71	163.78	-3,230.65	4,057.66	3,900.86	156.80	25.878		
4,200.00	4,001.93	4,017.93	4,017.93	24.48	138.56	140.01	163.78	-3,230.65	4,084.24	3,923.63	160.61	25.429		
4,300.00	4,096.00	4,112.00	4,112.00	25.11	141.84	140.31	163.78	-3,230.65	4,110.93	3,946.50	164.43	25.001		
4,400.00	4,190.07	4,206.07	4,206.07	25.75	145.13	140.60	163.78	-3,230.65	4,137.72	3,969.48	168.24	24.594		
4,500.00	4,284.14	4,300.14	4,300.14	26.38	148.41	140.89	163.78	-3,230.65	4,164.62	3,992.56	172.05	24.205		
4,600.00	4,378.21	4,404.79	4,394.21	27.01	152.10	141.18	163.78	-3,230.65	4,191.61	4,015.34	176.27	23.779		
4,700.00	4,472.28	4,488.28	4,488.28	27.65	154.98	141.46	163.78	-3,230.65	4,218.71	4,039.03	179.68	23.479		
4,800.00	4,566.35	4,582.35	4,582.35	28.28	158.26	141.74	163.78	-3,230.65	4,245.91	4,062.42	183.49	23.140		
4,900.00	4,660.42	4,676.42	4,676.42	28.91	161.54	142.02	163.78	-3,230.65	4,273.20	4,085.90	187.30	22.815		
5,000.00	4,754.49	4,770.49	4,770.49	29.55	164.83	142.29	163.78	-3,230.65	4,300.59	4,109.48	191.11	22.503		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,864.56	4,864.56	30.18	168.11	142.56	163.78	-3,230.65	4,328.07	4,133.15	194.92	22.205		
5,200.00	4,942.63	4,958.63	4,958.63	30.82	171.39	142.82	163.78	-3,230.65	4,355.64	4,156.91	198.73	21.918		
5,300.00	5,036.70	5,052.70	5,052.70	31.45	174.68	143.08	163.78	-3,230.65	4,383.30	4,180.76	202.53	21.642		
5,400.00	5,130.77	5,146.77	5,146.77	32.09	177.96	143.34	163.78	-3,230.65	4,411.04	4,204.70	206.34	21.377		
5,500.00	5,224.84	5,240.84	5,240.84	32.72	181.24	143.60	163.78	-3,230.65	4,438.87	4,228.73	210.15	21.123		
5,600.00	5,318.91	5,334.91	5,334.91	33.36	184.53	143.85	163.78	-3,230.65	4,466.79	4,252.84	213.95	20.877		
5,700.00	5,412.98	5,428.98	5,428.98	33.99	187.81	144.10	163.78	-3,230.65	4,494.79	4,277.03	217.76	20.641		
5,800.00	5,507.06	5,523.06	5,523.06	34.63	191.09	144.35	163.78	-3,230.65	4,522.87	4,301.31	221.56	20.413		
5,900.00	5,601.13	5,617.13	5,617.13	35.26	194.38	144.59	163.78	-3,230.65	4,551.03	4,325.66	225.37	20.194		
6,000.00	5,695.20	5,711.20	5,711.20	35.90	197.66	144.83	163.78	-3,230.65	4,579.27	4,350.10	229.17	19.982		
6,100.00	5,789.27	5,805.27	5,805.27	36.54	200.94	145.07	163.78	-3,230.65	4,607.58	4,374.61	232.97	19.777		
6,200.00	5,883.34	5,900.66	5,899.34	37.17	204.27	145.31	163.78	-3,230.65	4,635.97	4,399.15	236.82	19.576		
6,300.00	5,977.41	6,006.59	5,993.41	37.81	207.97	145.54	163.78	-3,230.65	4,664.44	4,423.40	241.04	19.351		
6,400.00	6,071.48	6,087.48	6,087.48	38.44	210.79	145.77	163.78	-3,230.65	4,692.98	4,448.59	244.38	19.204		
6,500.00	6,165.55	6,181.55	6,181.55	39.08	214.08	146.00	163.78	-3,230.65	4,721.58	4,473.40	248.18	19.025		
6,600.00	6,259.62	6,275.62	6,275.62	39.72	217.36	146.22	163.78	-3,230.65	4,750.26	4,498.28	251.98	18.852		
6,677.33	6,332.36	6,348.36	6,348.36	40.21	219.90	146.40	163.78	-3,230.65	4,772.48	4,517.56	254.92	18.721		
6,700.00	6,353.76	6,369.76	6,369.76	40.35	220.65	141.27	163.78	-3,230.65	4,778.65	4,522.86	255.78	18.682		
6,750.00	6,401.37	6,417.37	6,417.37	40.64	222.31	128.13	163.78	-3,230.65	4,789.69	4,532.00	257.69	18.587		
6,800.00	6,449.30	6,465.30	6,465.30	40.89	223.98	113.10	163.78	-3,230.65	4,797.18	4,537.58	259.60	18.479		
6,850.00	6,497.25	6,513.25	6,513.25	41.11	225.66	97.99	163.78	-3,230.65	4,801.07	4,539.59	261.48	18.361		
6,900.00	6,544.95	6,560.95	6,560.95	41.29	227.32	84.78	163.78	-3,230.65	4,801.36	4,538.03	263.33	18.233		
6,950.00	6,592.08	6,608.08	6,608.08	41.45	228.97	74.35	163.78	-3,230.65	4,798.06	4,532.94	265.13	18.097		
7,000.00	6,638.35	6,654.35	6,654.35	41.58	230.58	66.59	163.78	-3,230.65	4,791.20	4,524.34	266.86	17.954		
7,050.00	6,683.50	6,700.51	6,699.50	41.70	232.19	60.97	163.78	-3,230.65	4,780.84	4,512.29	268.56	17.802		
7,100.00	6,727.22	6,743.22	6,743.22	41.81	233.68	57.00	163.78	-3,230.65	4,767.06	4,496.95	270.10	17.649		
7,150.00	6,769.26	6,785.26	6,785.26	41.92	235.15	54.28	163.78	-3,230.65	4,749.95	4,478.35	271.60	17.489		
7,200.00	6,809.36	6,825.36	6,825.36	42.03	236.55	52.54	163.78	-3,230.65	4,729.63	4,456.62	273.01	17.324		
7,250.00	6,847.27	6,863.27	6,863.27	42.15	237.87	51.61	163.78	-3,230.65	4,706.24	4,431.92	274.32	17.156		
7,300.00	6,882.75	6,901.25	6,898.75	42.27	239.20	51.39	163.78	-3,230.65	4,679.93	4,404.31	275.62	16.980		
7,350.00	6,915.58	6,931.58	6,931.58	42.41	240.26	51.82	163.78	-3,230.65	4,650.89	4,374.24	276.64	16.812		
7,400.00	6,945.57	6,961.57	6,961.57	42.57	241.31	52.87	163.78	-3,230.65	4,619.28	4,341.64	277.65	16.637		
7,450.00	6,972.53	6,988.53	6,988.53	42.75	242.25	54.57	163.78	-3,230.65	4,585.33	4,306.78	278.55	16.462		
7,500.00	6,996.30	7,012.30	7,012.30	42.95	243.08	56.94	163.78	-3,230.65	4,549.23	4,269.89	279.34	16.286		
7,550.00	7,016.72	7,032.72	7,032.72	43.17	243.79	60.06	163.78	-3,230.65	4,511.22	4,231.19	280.03	16.110		
7,600.00	7,033.66	7,049.66	7,049.66	43.43	244.38	64.00	163.78	-3,230.65	4,471.53	4,190.92	280.61	15.935		
7,650.00	7,047.04	7,063.04	7,063.04	43.72	244.85	68.85	163.78	-3,230.65	4,430.40	4,149.32	281.08	15.762		
7,700.00	7,056.76	7,072.76	7,072.76	44.05	245.19	74.68	163.78	-3,230.65	4,388.09	4,106.64	281.45	15.591		
7,750.00	7,062.76	7,078.76	7,078.76	44.41	245.40	81.49	163.78	-3,230.65	4,344.85	4,063.14	281.71	15.423		
7,799.36	7,065.00	7,081.00	7,081.00	44.81	245.47	89.11	163.78	-3,230.65	4,301.50	4,019.63	281.87	15.261		
7,900.00	7,065.83	7,081.83	7,081.83	45.73	245.50	89.13	163.78	-3,230.65	4,212.88	3,930.77	282.12	14.933		
8,000.00	7,066.66	7,082.66	7,082.66	46.83	245.53	89.16	163.78	-3,230.65	4,125.37	3,842.93	282.44	14.606		
8,100.00	7,067.49	7,083.49	7,083.49	48.11	245.56	89.18	163.78	-3,230.65	4,038.44	3,755.59	282.85	14.278		
8,200.00	7,068.31	7,084.31	7,084.31	49.55	245.59	89.20	163.78	-3,230.65	3,952.13	3,668.77	283.36	13.947		
8,300.00	7,069.14	7,085.14	7,085.14	51.14	245.62	89.23	163.78	-3,230.65	3,866.48	3,582.50	283.98	13.616		
8,400.00	7,069.96	7,085.96	7,085.96	52.86	245.65	89.25	163.78	-3,230.65	3,781.53	3,496.83	284.70	13.282		
8,500.00	7,070.79	7,086.79	7,086.79	54.70	245.68	89.27	163.78	-3,230.65	3,697.34	3,411.79	285.55	12.948		
8,600.00	7,071.61	7,087.61	7,087.61	56.64	245.71	89.30	163.78	-3,230.65	3,613.95	3,327.43	286.52	12.613		
8,700.00	7,072.44	7,088.44	7,088.44	58.68	245.73	89.32	163.78	-3,230.65	3,531.42	3,243.79	287.63	12.278		
8,800.00	7,073.27	7,089.27	7,089.27	60.78	245.76	89.34	163.78	-3,230.65	3,449.82	3,160.94	288.88	11.942		
8,900.00	7,074.09	7,109.91	7,109.91	62.96	246.48	89.37	163.78	-3,230.65	3,369.21	3,078.24	290.97	11.579		
9,000.00	7,074.92	7,109.08	7,090.92	65.19	246.45	89.39	163.78	-3,230.65	3,289.66	2,997.19	292.47	11.248		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,108.26	7,091.74	67.48	246.43	89.41	163.78	-3,230.65	3,211.26	2,917.13	294.12	10.918		
9,200.00	7,076.57	7,107.43	7,092.57	69.82	246.40	89.44	163.78	-3,230.65	3,134.08	2,838.13	295.95	10.590		
9,300.00	7,077.40	7,106.60	7,093.40	72.19	246.37	89.46	163.78	-3,230.65	3,058.23	2,760.29	297.94	10.264		
9,400.00	7,078.22	7,105.78	7,094.22	74.61	246.34	89.48	163.78	-3,230.65	2,983.80	2,683.69	300.11	9.942		
9,500.00	7,079.05	7,104.95	7,095.05	77.05	246.31	89.51	163.78	-3,230.65	2,910.91	2,608.45	302.46	9.624		
9,600.00	7,079.87	7,104.13	7,095.87	79.53	246.28	89.53	163.78	-3,230.65	2,839.66	2,534.68	304.99	9.311		
9,700.00	7,080.70	7,103.30	7,096.70	82.03	246.25	89.55	163.78	-3,230.65	2,770.20	2,462.50	307.69	9.003		
9,800.00	7,081.53	7,102.47	7,097.53	84.55	246.22	89.58	163.78	-3,230.65	2,702.64	2,392.06	310.58	8.702		
9,900.00	7,082.35	7,101.65	7,098.35	87.10	246.20	89.60	163.78	-3,230.65	2,637.15	2,323.51	313.64	8.408		
10,000.00	7,083.18	7,100.82	7,099.18	89.67	246.17	89.63	163.78	-3,230.65	2,573.88	2,257.00	316.89	8.122		
10,100.00	7,084.00	7,100.00	7,100.00	92.25	246.14	89.65	163.78	-3,230.65	2,513.00	2,192.70	320.30	7.846		
10,200.00	7,084.83	7,100.83	7,100.83	94.86	246.17	89.67	163.78	-3,230.65	2,454.68	2,130.76	323.92	7.578		
10,300.00	7,085.65	7,101.65	7,101.65	97.47	246.20	89.70	163.78	-3,230.65	2,399.12	2,071.41	327.70	7.321		
10,400.00	7,086.48	7,102.48	7,102.48	100.10	246.22	89.72	163.78	-3,230.65	2,346.50	2,014.88	331.62	7.076		
10,500.00	7,087.31	7,103.31	7,103.31	102.75	246.25	89.74	163.78	-3,230.65	2,297.03	1,961.38	335.65	6.844		
10,600.00	7,088.13	7,104.13	7,104.13	105.40	246.28	89.77	163.78	-3,230.65	2,250.92	1,911.14	339.77	6.625		
10,700.00	7,088.96	7,104.96	7,104.96	108.07	246.31	89.79	163.78	-3,230.65	2,208.37	1,864.41	343.97	6.420		
10,800.00	7,089.78	7,105.78	7,105.78	110.75	246.34	89.81	163.78	-3,230.65	2,169.61	1,821.41	348.20	6.231		
10,900.00	7,090.61	7,106.61	7,106.61	113.43	246.37	89.84	163.78	-3,230.65	2,134.83	1,782.39	352.44	6.057		
11,000.00	7,091.44	7,107.44	7,107.44	116.13	246.40	89.86	163.78	-3,230.65	2,104.22	1,747.58	356.64	5.900		
11,100.00	7,092.26	7,108.26	7,108.26	118.83	246.43	89.88	163.78	-3,230.65	2,077.99	1,717.22	360.77	5.760		
11,200.00	7,093.09	7,109.09	7,109.09	121.54	246.46	89.91	163.78	-3,230.65	2,056.29	1,691.50	364.79	5.637		
11,300.00	7,093.91	7,109.91	7,109.91	124.25	246.48	89.93	163.78	-3,230.65	2,039.27	1,670.61	368.65	5.532		
11,400.00	7,094.74	7,110.74	7,110.74	126.98	246.51	89.95	163.78	-3,230.65	2,027.04	1,654.72	372.31	5.444		
11,500.00	7,095.57	7,111.57	7,111.57	129.70	246.54	89.98	163.78	-3,230.65	2,019.69	1,643.95	375.74	5.375		
11,598.63	7,096.38	7,112.38	7,112.38	132.40	246.57	90.00	163.78	-3,230.65	2,017.28	1,638.42	378.86	5.325 CC		
11,600.00	7,096.39	7,112.39	7,112.39	132.44	246.57	90.00	163.78	-3,230.65	2,017.28	1,638.38	378.91	5.324		
11,700.00	7,097.22	7,113.22	7,113.22	135.18	246.60	90.02	163.78	-3,230.65	2,019.83	1,638.05	381.77	5.291 ES		
11,800.00	7,098.04	7,114.04	7,114.04	137.92	246.63	90.05	163.78	-3,230.65	2,027.31	1,642.98	384.33	5.275 SF		
11,900.00	7,098.87	7,114.87	7,114.87	140.67	246.66	90.07	163.78	-3,230.65	2,039.67	1,653.12	386.55	5.277		
12,000.00	7,099.69	7,115.69	7,115.69	143.43	246.69	90.09	163.78	-3,230.65	2,056.82	1,668.38	388.45	5.295		
12,100.00	7,100.52	7,116.52	7,116.52	146.19	246.71	90.12	163.78	-3,230.65	2,078.65	1,688.64	390.01	5.330		
12,200.00	7,101.35	7,117.35	7,117.35	148.95	246.74	90.14	163.78	-3,230.65	2,105.01	1,713.76	391.25	5.380		
12,300.00	7,102.17	7,118.17	7,118.17	151.71	246.77	90.16	163.78	-3,230.65	2,135.72	1,743.54	392.18	5.446		
12,400.00	7,103.00	7,119.00	7,119.00	154.48	246.80	90.19	163.78	-3,230.65	2,170.62	1,777.79	392.83	5.526		
12,500.00	7,103.82	7,119.82	7,119.82	157.26	246.83	90.21	163.78	-3,230.65	2,209.49	1,816.28	393.21	5.619		
12,600.00	7,104.65	7,120.65	7,120.65	160.03	246.86	90.23	163.78	-3,230.65	2,252.13	1,858.79	393.35	5.726		
12,700.00	7,105.48	7,121.48	7,121.48	162.81	246.89	90.26	163.78	-3,230.65	2,298.34	1,905.07	393.27	5.844		
12,800.00	7,106.30	7,122.30	7,122.30	165.59	246.92	90.28	163.78	-3,230.65	2,347.90	1,954.90	393.00	5.974		
12,900.00	7,107.13	7,123.13	7,123.13	168.38	246.95	90.31	163.78	-3,230.65	2,400.60	2,008.03	392.57	6.115		
13,000.00	7,107.95	7,123.95	7,123.95	171.16	246.97	90.33	163.78	-3,230.65	2,456.24	2,064.25	391.99	6.266		
13,100.00	7,108.78	7,124.78	7,124.78	173.95	247.00	90.35	163.78	-3,230.65	2,514.63	2,123.34	391.30	6.426		
13,200.00	7,109.61	7,125.61	7,125.61	176.74	247.03	90.38	163.78	-3,230.65	2,575.58	2,185.08	390.50	6.596		
13,300.00	7,110.43	7,126.43	7,126.43	179.54	247.06	90.40	163.78	-3,230.65	2,638.92	2,249.29	389.63	6.773		
13,368.87	7,111.00	7,127.00	7,127.00	181.46	247.08	90.42	163.78	-3,230.65	2,683.83	2,294.84	388.99	6.900		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	2.00	-2.00	3.28	3.28	-109.12	-1,013.33	-2,922.94	3,093.61					
100.00	100.00	102.00	98.00	3.28	3.75	-109.12	-1,013.33	-2,922.94	3,093.61	3,086.57	7.03	439.837		
200.00	200.00	202.00	198.00	3.34	6.24	-109.12	-1,013.33	-2,922.94	3,093.61	3,084.03	9.58	323.083		
300.00	299.98	302.02	297.98	3.44	9.39	106.55	-1,013.33	-2,922.94	3,094.10	3,081.27	12.83	241.170		
400.00	399.84	402.16	397.84	3.59	12.72	106.62	-1,013.33	-2,922.94	3,095.60	3,079.28	16.31	189.745		
500.00	499.45	502.55	497.45	3.79	16.14	106.72	-1,013.33	-2,922.94	3,098.11	3,078.18	19.93	155.488		
600.00	598.70	603.30	596.70	4.04	19.59	106.87	-1,013.33	-2,922.94	3,101.65	3,078.03	23.63	131.281		
700.00	697.47	704.53	695.47	4.32	23.08	107.05	-1,013.33	-2,922.94	3,106.27	3,078.87	27.40	113.352		
800.00	795.62	806.38	793.62	4.65	26.61	107.27	-1,013.33	-2,922.94	3,112.00	3,080.74	31.25	99.574		
900.00	893.06	908.94	891.06	5.01	30.16	107.53	-1,013.33	-2,922.94	3,118.88	3,083.71	35.17	88.674		
1,000.00	989.64	987.64	987.64	5.41	32.90	107.81	-1,013.33	-2,922.94	3,126.99	3,088.69	38.30	81.635		
1,100.00	1,085.27	1,083.27	1,083.27	5.85	36.22	108.12	-1,013.33	-2,922.94	3,136.38	3,094.32	42.06	74.561		
1,191.50	1,171.82	1,169.82	1,169.82	6.29	39.23	108.42	-1,013.33	-2,922.94	3,146.15	3,100.65	45.51	69.135		
1,200.00	1,179.82	1,177.82	1,177.82	6.34	39.51	108.47	-1,013.33	-2,922.94	3,147.12	3,101.29	45.83	68.673		
1,300.00	1,273.89	1,271.89	1,271.89	6.85	42.78	109.02	-1,013.33	-2,922.94	3,158.63	3,109.03	49.60	63.679		
1,400.00	1,367.96	1,365.96	1,365.96	7.38	46.06	109.57	-1,013.33	-2,922.94	3,170.46	3,117.07	53.40	59.375		
1,500.00	1,462.03	1,460.03	1,460.03	7.93	49.33	110.12	-1,013.33	-2,922.94	3,182.61	3,125.41	57.21	55.634		
1,600.00	1,556.10	1,554.10	1,554.10	8.49	52.61	110.66	-1,013.33	-2,922.94	3,195.08	3,134.05	61.03	52.354		
1,700.00	1,650.17	1,648.17	1,648.17	9.06	55.89	111.19	-1,013.33	-2,922.94	3,207.85	3,142.99	64.86	49.459		
1,800.00	1,744.24	1,742.24	1,742.24	9.65	59.17	111.73	-1,013.33	-2,922.94	3,220.93	3,152.23	68.70	46.886		
1,900.00	1,838.31	1,836.31	1,836.31	10.23	62.45	112.26	-1,013.33	-2,922.94	3,234.32	3,161.77	72.54	44.586		
2,000.00	1,932.38	1,930.38	1,930.38	10.83	65.73	112.78	-1,013.33	-2,922.94	3,248.00	3,171.61	76.39	42.519		
2,100.00	2,026.45	2,024.45	2,024.45	11.43	69.01	113.31	-1,013.33	-2,922.94	3,261.98	3,181.74	80.24	40.652		
2,200.00	2,120.52	2,118.52	2,118.52	12.03	72.29	113.82	-1,013.33	-2,922.94	3,276.25	3,192.15	84.10	38.958		
2,300.00	2,214.59	2,212.59	2,212.59	12.63	75.57	114.34	-1,013.33	-2,922.94	3,290.81	3,202.85	87.95	37.415		
2,400.00	2,308.66	2,306.66	2,306.66	13.24	78.85	114.85	-1,013.33	-2,922.94	3,305.65	3,213.84	91.81	36.005		
2,500.00	2,402.73	2,400.73	2,400.73	13.86	82.13	115.35	-1,013.33	-2,922.94	3,320.77	3,225.10	95.67	34.710		
2,600.00	2,496.80	2,505.20	2,494.80	14.47	85.77	115.86	-1,013.33	-2,922.94	3,336.17	3,236.27	99.89	33.397		
2,700.00	2,590.87	2,588.87	2,588.87	15.09	88.69	116.35	-1,013.33	-2,922.94	3,351.84	3,248.45	103.39	32.419		
2,800.00	2,684.95	2,682.95	2,682.95	15.71	91.97	116.85	-1,013.33	-2,922.94	3,367.78	3,260.53	107.25	31.401		
2,900.00	2,779.02	2,777.02	2,777.02	16.33	95.26	117.33	-1,013.33	-2,922.94	3,383.98	3,272.87	111.11	30.455		
3,000.00	2,873.09	2,871.09	2,871.09	16.95	98.54	117.82	-1,013.33	-2,922.94	3,400.45	3,285.48	114.97	29.576		
3,100.00	2,967.16	2,965.16	2,965.16	17.57	101.82	118.30	-1,013.33	-2,922.94	3,417.17	3,298.34	118.83	28.756		
3,200.00	3,061.23	3,059.23	3,059.23	18.20	105.10	118.77	-1,013.33	-2,922.94	3,434.15	3,311.46	122.69	27.990		
3,300.00	3,155.30	3,153.30	3,153.30	18.82	108.39	119.25	-1,013.33	-2,922.94	3,451.38	3,324.83	126.55	27.273		
3,400.00	3,249.37	3,247.37	3,247.37	19.45	111.67	119.71	-1,013.33	-2,922.94	3,468.85	3,338.44	130.41	26.600		
3,500.00	3,343.44	3,341.44	3,341.44	20.07	114.95	120.18	-1,013.33	-2,922.94	3,486.57	3,352.30	134.26	25.968		
3,600.00	3,437.51	3,435.51	3,435.51	20.70	118.23	120.63	-1,013.33	-2,922.94	3,504.52	3,366.40	138.12	25.373		
3,700.00	3,531.58	3,529.58	3,529.58	21.33	121.52	121.09	-1,013.33	-2,922.94	3,522.71	3,380.74	141.97	24.812		
3,800.00	3,625.65	3,623.65	3,623.65	21.96	124.80	121.54	-1,013.33	-2,922.94	3,541.13	3,395.31	145.83	24.283		
3,900.00	3,719.72	3,717.72	3,717.72	22.59	128.08	121.98	-1,013.33	-2,922.94	3,559.78	3,410.10	149.68	23.783		
4,000.00	3,813.79	3,811.79	3,811.79	23.22	131.37	122.43	-1,013.33	-2,922.94	3,578.66	3,425.13	153.53	23.309		
4,100.00	3,907.86	3,905.86	3,905.86	23.85	134.65	122.86	-1,013.33	-2,922.94	3,597.75	3,440.37	157.38	22.861		
4,200.00	4,001.93	4,000.07	3,999.93	24.48	137.94	123.30	-1,013.33	-2,922.94	3,617.06	3,455.83	161.23	22.434		
4,300.00	4,096.00	4,106.00	4,094.00	25.11	141.63	123.72	-1,013.33	-2,922.94	3,636.59	3,471.10	165.49	21.974		
4,400.00	4,190.07	4,188.07	4,188.07	25.75	144.50	124.15	-1,013.33	-2,922.94	3,656.32	3,487.41	169.92	21.645		
4,500.00	4,284.14	4,282.14	4,282.14	26.38	147.78	124.57	-1,013.33	-2,922.94	3,676.27	3,503.51	172.76	21.279		
4,600.00	4,378.21	4,376.21	4,376.21	27.01	151.06	124.98	-1,013.33	-2,922.94	3,696.42	3,519.81	176.61	20.930		
4,700.00	4,472.28	4,470.28	4,470.28	27.65	154.35	125.40	-1,013.33	-2,922.94	3,716.76	3,536.32	180.45	20.597		
4,800.00	4,566.35	4,564.35	4,564.35	28.28	157.63	125.80	-1,013.33	-2,922.94	3,737.31	3,553.02	184.29	20.280		
4,900.00	4,660.42	4,658.42	4,658.42	28.91	160.91	126.21	-1,013.33	-2,922.94	3,758.05	3,569.92	188.13	19.976		
5,000.00	4,754.49	4,752.49	4,752.49	29.55	164.20	126.61	-1,013.33	-2,922.94	3,778.98	3,587.01	191.96	19.686		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,846.56	4,846.56	30.18	167.48	127.00	-1,013.33	-2,922.94	3,800.09	3,604.29	195.80	19.408		
5,200.00	4,942.63	4,940.63	4,940.63	30.82	170.76	127.39	-1,013.33	-2,922.94	3,821.39	3,621.76	199.63	19.142		
5,300.00	5,036.70	5,034.70	5,034.70	31.45	174.05	127.78	-1,013.33	-2,922.94	3,842.88	3,639.41	203.47	18.887		
5,400.00	5,130.77	5,128.77	5,128.77	32.09	177.33	128.16	-1,013.33	-2,922.94	3,864.54	3,657.24	207.30	18.642		
5,500.00	5,224.84	5,222.84	5,222.84	32.72	180.61	128.54	-1,013.33	-2,922.94	3,886.37	3,675.24	211.13	18.407		
5,600.00	5,318.91	5,316.91	5,316.91	33.36	183.90	128.92	-1,013.33	-2,922.94	3,908.38	3,693.42	214.96	18.182		
5,700.00	5,412.98	5,410.98	5,410.98	33.99	187.18	129.29	-1,013.33	-2,922.94	3,930.56	3,711.77	218.79	17.965		
5,800.00	5,507.06	5,505.06	5,505.06	34.63	190.46	129.66	-1,013.33	-2,922.94	3,952.91	3,730.29	222.62	17.757		
5,900.00	5,601.13	5,600.87	5,599.13	35.26	193.81	130.02	-1,013.33	-2,922.94	3,975.41	3,748.91	226.50	17.551		
6,000.00	5,695.20	5,706.80	5,693.20	35.90	197.51	130.38	-1,013.33	-2,922.94	3,998.08	3,767.34	230.74	17.327		
6,100.00	5,789.27	5,787.27	5,787.27	36.54	200.32	130.74	-1,013.33	-2,922.94	4,020.91	3,786.82	234.09	17.177		
6,200.00	5,883.34	5,881.34	5,881.34	37.17	203.60	131.09	-1,013.33	-2,922.94	4,043.90	3,805.99	237.91	16.997		
6,300.00	5,977.41	5,975.41	5,975.41	37.81	206.88	131.44	-1,013.33	-2,922.94	4,067.03	3,825.30	241.73	16.824		
6,400.00	6,071.48	6,069.48	6,069.48	38.44	210.17	131.78	-1,013.33	-2,922.94	4,090.32	3,844.77	245.55	16.658		
6,500.00	6,165.55	6,163.55	6,163.55	39.08	213.45	132.12	-1,013.33	-2,922.94	4,113.76	3,864.39	249.37	16.496		
6,600.00	6,259.62	6,257.62	6,257.62	39.72	216.73	132.46	-1,013.33	-2,922.94	4,137.34	3,884.15	253.19	16.341		
6,677.33	6,332.36	6,330.36	6,330.36	40.21	219.27	132.72	-1,013.33	-2,922.94	4,155.67	3,899.53	256.14	16.224		
6,700.00	6,353.76	6,351.76	6,351.76	40.35	220.02	127.77	-1,013.33	-2,922.94	4,160.67	3,903.67	257.01	16.189		
6,750.00	6,401.37	6,400.63	6,399.37	40.64	221.73	114.94	-1,013.33	-2,922.94	4,168.96	3,910.00	258.97	16.099		
6,800.00	6,449.30	6,447.30	6,447.30	40.89	223.35	100.13	-1,013.33	-2,922.94	4,173.44	3,912.62	260.83	16.001		
6,850.00	6,497.25	6,504.75	6,495.25	41.11	225.36	85.18	-1,013.33	-2,922.94	4,174.09	3,911.06	263.04	15.869		
6,900.00	6,544.95	6,542.95	6,542.95	41.29	226.69	72.04	-1,013.33	-2,922.94	4,170.92	3,906.37	264.55	15.766		
6,950.00	6,592.08	6,609.93	6,590.08	41.45	229.03	61.62	-1,013.33	-2,922.94	4,163.94	3,896.91	267.02	15.594		
7,000.00	6,638.35	6,636.35	6,636.35	41.58	229.95	53.80	-1,013.33	-2,922.94	4,153.20	3,885.15	268.05	15.494		
7,050.00	6,683.50	6,681.50	6,681.50	41.70	231.53	48.05	-1,013.33	-2,922.94	4,138.78	3,869.08	269.70	15.346		
7,100.00	6,727.22	6,725.22	6,725.22	41.81	233.06	43.87	-1,013.33	-2,922.94	4,120.77	3,849.49	271.28	15.190		
7,150.00	6,769.26	6,767.26	6,767.26	41.92	234.52	40.88	-1,013.33	-2,922.94	4,099.28	3,826.52	272.76	15.029		
7,200.00	6,809.36	6,807.36	6,807.36	42.03	235.92	38.81	-1,013.33	-2,922.94	4,074.45	3,800.29	274.16	14.861		
7,250.00	6,847.27	6,845.27	6,845.27	42.15	237.25	37.48	-1,013.33	-2,922.94	4,046.43	3,770.97	275.46	14.689		
7,300.00	6,882.75	6,880.75	6,880.75	42.27	238.48	36.78	-1,013.33	-2,922.94	4,015.40	3,738.73	276.67	14.514		
7,350.00	6,915.58	6,913.58	6,913.58	42.41	239.63	36.67	-1,013.33	-2,922.94	3,981.54	3,703.77	277.76	14.334		
7,400.00	6,945.57	6,943.57	6,943.57	42.57	240.68	37.14	-1,013.33	-2,922.94	3,945.06	3,666.31	278.75	14.153		
7,450.00	6,972.53	6,970.53	6,970.53	42.75	241.62	38.24	-1,013.33	-2,922.94	3,906.19	3,626.56	279.63	13.969		
7,500.00	6,996.30	7,005.70	6,994.30	42.95	242.85	40.08	-1,013.33	-2,922.94	3,865.16	3,584.37	280.79	13.765		
7,550.00	7,016.72	7,014.72	7,014.72	43.17	243.16	42.84	-1,013.33	-2,922.94	3,822.22	3,541.18	281.04	13.600		
7,600.00	7,033.66	7,031.66	7,031.66	43.43	243.75	46.82	-1,013.33	-2,922.94	3,777.62	3,496.06	281.57	13.416		
7,650.00	7,047.04	7,045.04	7,045.04	43.72	244.22	52.54	-1,013.33	-2,922.94	3,731.65	3,449.67	281.98	13.234		
7,700.00	7,056.76	7,054.76	7,054.76	44.05	244.56	60.74	-1,013.33	-2,922.94	3,684.57	3,402.30	282.27	13.053		
7,750.00	7,062.76	7,060.76	7,060.76	44.41	244.77	72.42	-1,013.33	-2,922.94	3,636.67	3,354.22	282.45	12.875		
7,799.36	7,065.00	7,063.00	7,063.00	44.81	244.85	88.04	-1,013.33	-2,922.94	3,588.85	3,306.34	282.51	12.703		
7,900.00	7,065.83	7,063.83	7,063.83	45.73	244.88	88.09	-1,013.33	-2,922.94	3,491.10	3,208.57	282.52	12.357		
8,000.00	7,066.66	7,064.66	7,064.66	46.83	244.90	88.15	-1,013.33	-2,922.94	3,394.13	3,111.57	282.56	12.012		
8,100.00	7,067.49	7,065.49	7,065.49	48.11	244.93	88.21	-1,013.33	-2,922.94	3,297.34	3,014.73	282.61	11.667		
8,200.00	7,068.31	7,066.31	7,066.31	49.55	244.96	88.26	-1,013.33	-2,922.94	3,200.75	2,918.06	282.69	11.322		
8,300.00	7,069.14	7,067.14	7,067.14	51.14	244.99	88.32	-1,013.33	-2,922.94	3,104.38	2,821.58	282.80	10.977		
8,400.00	7,069.96	7,067.96	7,067.96	52.86	245.02	88.37	-1,013.33	-2,922.94	3,008.24	2,725.29	282.95	10.632		
8,500.00	7,070.79	7,068.79	7,068.79	54.70	245.05	88.43	-1,013.33	-2,922.94	2,912.37	2,629.22	283.14	10.286		
8,600.00	7,071.61	7,069.61	7,069.61	56.64	245.08	88.49	-1,013.33	-2,922.94	2,816.78	2,533.39	283.38	9.940		
8,700.00	7,072.44	7,070.44	7,070.44	58.68	245.11	88.54	-1,013.33	-2,922.94	2,721.50	2,437.82	283.68	9.593		
8,800.00	7,073.27	7,071.27	7,071.27	60.78	245.13	88.60	-1,013.33	-2,922.94	2,626.58	2,342.53	284.05	9.247		
8,900.00	7,074.09	7,072.09	7,072.09	62.96	245.16	88.66	-1,013.33	-2,922.94	2,532.05	2,247.55	284.50	8.900		
9,000.00	7,074.92	7,072.92	7,072.92	65.19	245.19	88.71	-1,013.33	-2,922.94	2,437.95	2,152.91	285.04	8.553		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,073.74	7,073.74	67.48	245.22	88.77	-1,013.33	-2,922.94	2,344.34	2,058.66	285.69	8.206		
9,200.00	7,076.57	7,074.57	7,074.57	69.82	245.25	88.82	-1,013.33	-2,922.94	2,251.29	1,964.82	286.46	7.859		
9,300.00	7,077.40	7,075.40	7,075.40	72.19	245.28	88.88	-1,013.33	-2,922.94	2,158.85	1,871.46	287.38	7.512		
9,400.00	7,078.22	7,076.22	7,076.22	74.61	245.31	88.94	-1,013.33	-2,922.94	2,067.11	1,778.64	288.47	7.166		
9,500.00	7,079.05	7,077.05	7,077.05	77.05	245.34	88.99	-1,013.33	-2,922.94	1,976.18	1,686.42	289.76	6.820		
9,600.00	7,079.87	7,077.87	7,077.87	79.53	245.37	89.05	-1,013.33	-2,922.94	1,886.17	1,594.90	291.27	6.476		
9,700.00	7,080.70	7,078.70	7,078.70	82.03	245.39	89.11	-1,013.33	-2,922.94	1,797.21	1,504.17	293.04	6.133		
9,800.00	7,081.53	7,079.53	7,079.53	84.55	245.42	89.16	-1,013.33	-2,922.94	1,709.47	1,414.36	295.11	5.793		
9,900.00	7,082.35	7,080.35	7,080.35	87.10	245.45	89.22	-1,013.33	-2,922.94	1,623.15	1,325.64	297.52	5.456		
10,000.00	7,083.18	7,081.18	7,081.18	89.67	245.48	89.27	-1,013.33	-2,922.94	1,538.49	1,238.19	300.30	5.123		
10,100.00	7,084.00	7,082.00	7,082.00	92.25	245.51	89.33	-1,013.33	-2,922.94	1,455.78	1,152.26	303.52	4.796		
10,200.00	7,084.83	7,082.83	7,082.83	94.86	245.54	89.39	-1,013.33	-2,922.94	1,375.36	1,068.15	307.21	4.477		
10,300.00	7,085.65	7,083.65	7,083.65	97.47	245.57	89.44	-1,013.33	-2,922.94	1,297.67	986.25	311.42	4.167		
10,400.00	7,086.48	7,084.48	7,084.48	100.10	245.60	89.50	-1,013.33	-2,922.94	1,223.22	907.03	316.19	3.869		
10,500.00	7,087.31	7,085.31	7,085.31	102.75	245.62	89.56	-1,013.33	-2,922.94	1,152.64	831.10	321.54	3.585		
10,600.00	7,088.13	7,086.13	7,086.13	105.40	245.65	89.61	-1,013.33	-2,922.94	1,086.69	759.24	327.45	3.319		
10,700.00	7,088.96	7,086.96	7,086.96	108.07	245.68	89.67	-1,013.33	-2,922.94	1,026.27	692.39	333.88	3.074		
10,800.00	7,089.78	7,087.78	7,087.78	110.75	245.71	89.73	-1,013.33	-2,922.94	972.39	631.70	340.69	2.854		
10,900.00	7,090.61	7,088.61	7,088.61	113.43	245.74	89.78	-1,013.33	-2,922.94	926.21	578.54	347.67	2.664		
11,000.00	7,091.44	7,089.44	7,089.44	116.13	245.77	89.84	-1,013.33	-2,922.94	888.92	534.42	354.50	2.508		
11,100.00	7,092.26	7,109.74	7,090.26	118.83	246.48	89.89	-1,013.33	-2,922.94	861.68	500.21	361.46	2.384		
11,200.00	7,093.09	7,108.91	7,091.09	121.54	246.45	89.95	-1,013.33	-2,922.94	845.46	478.75	366.71	2.306		
11,288.45	7,093.82	7,108.18	7,091.82	123.94	246.42	90.00	-1,013.33	-2,922.94	840.82	470.58	370.24	2.271 CC		
11,300.00	7,093.91	7,108.09	7,091.91	124.25	246.42	90.01	-1,013.33	-2,922.94	840.90	470.29	370.61	2.269 ES, SF		
11,400.00	7,094.74	7,107.26	7,092.74	126.98	246.39	90.06	-1,013.33	-2,922.94	848.19	475.25	372.94	2.274		
11,500.00	7,095.57	7,106.43	7,093.57	129.70	246.36	90.12	-1,013.33	-2,922.94	867.03	493.36	373.66	2.320		
11,600.00	7,096.39	7,105.61	7,094.39	132.44	246.33	90.18	-1,013.33	-2,922.94	896.68	523.74	372.95	2.404		
11,700.00	7,097.22	7,104.78	7,095.22	135.18	246.30	90.23	-1,013.33	-2,922.94	936.13	565.05	371.08	2.523		
11,800.00	7,098.04	7,103.96	7,096.04	137.92	246.28	90.29	-1,013.33	-2,922.94	984.20	615.80	368.40	2.672		
11,900.00	7,098.87	7,103.13	7,096.87	140.67	246.25	90.34	-1,013.33	-2,922.94	1,039.69	674.49	365.20	2.847		
12,000.00	7,099.69	7,102.31	7,097.69	143.43	246.22	90.40	-1,013.33	-2,922.94	1,101.48	739.74	361.74	3.045		
12,100.00	7,100.52	7,101.48	7,098.52	146.19	246.19	90.46	-1,013.33	-2,922.94	1,168.57	810.36	358.21	3.262		
12,200.00	7,101.35	7,100.65	7,099.35	148.95	246.16	90.51	-1,013.33	-2,922.94	1,240.10	885.37	354.74	3.496		
12,300.00	7,102.17	7,100.17	7,100.17	151.71	246.14	90.57	-1,013.33	-2,922.94	1,315.35	963.95	351.40	3.743		
12,400.00	7,103.00	7,101.00	7,101.00	154.48	246.17	90.63	-1,013.33	-2,922.94	1,393.72	1,045.42	348.30	4.002		
12,500.00	7,103.82	7,101.82	7,101.82	157.26	246.20	90.68	-1,013.33	-2,922.94	1,474.70	1,129.31	345.39	4.270		
12,600.00	7,104.65	7,102.65	7,102.65	160.03	246.23	90.74	-1,013.33	-2,922.94	1,557.90	1,215.21	342.69	4.546		
12,700.00	7,105.48	7,103.48	7,103.48	162.81	246.26	90.79	-1,013.33	-2,922.94	1,642.96	1,302.77	340.19	4.830		
12,800.00	7,106.30	7,104.30	7,104.30	165.59	246.29	90.85	-1,013.33	-2,922.94	1,729.63	1,391.74	337.89	5.119		
12,900.00	7,107.13	7,105.13	7,105.13	168.38	246.32	90.91	-1,013.33	-2,922.94	1,817.67	1,481.90	335.77	5.413		
13,000.00	7,107.95	7,105.95	7,105.95	171.16	246.35	90.96	-1,013.33	-2,922.94	1,906.88	1,573.07	333.82	5.712		
13,100.00	7,108.78	7,106.78	7,106.78	173.95	246.37	91.02	-1,013.33	-2,922.94	1,997.12	1,665.10	332.02	6.015		
13,200.00	7,109.61	7,107.61	7,107.61	176.74	246.40	91.08	-1,013.33	-2,922.94	2,088.25	1,757.88	330.36	6.321		
13,300.00	7,110.43	7,108.43	7,108.43	179.54	246.43	91.13	-1,013.33	-2,922.94	2,180.15	1,851.31	328.84	6.630		
13,368.87	7,111.00	7,109.00	7,109.00	181.46	246.45	91.17	-1,013.33	-2,922.94	2,243.84	1,915.99	327.86	6.844		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-176.85	-3,893.70	-214.17	3,899.65					
100.00	100.00	78.00	78.00	3.28	3.55	-176.85	-3,893.70	-214.17	3,899.58	3,892.75	6.84	570.443		
200.00	200.00	178.00	178.00	3.34	5.54	-176.85	-3,893.70	-214.17	3,899.58	3,890.70	8.88	439.137		
300.00	299.98	277.98	277.98	3.44	8.61	38.83	-3,893.70	-214.17	3,898.22	3,886.18	12.05	323.542		
400.00	399.84	377.84	377.84	3.59	11.91	38.93	-3,893.70	-214.17	3,894.15	3,878.65	15.50	251.266		
500.00	499.45	477.45	477.45	3.79	15.28	39.10	-3,893.70	-214.17	3,887.37	3,868.29	19.07	203.833		
600.00	598.70	576.70	576.70	4.04	18.68	39.33	-3,893.70	-214.17	3,877.89	3,855.18	22.71	170.736		
700.00	697.47	675.47	675.47	4.32	22.08	39.63	-3,893.70	-214.17	3,865.76	3,839.36	26.40	146.454		
800.00	795.62	773.62	773.62	4.65	25.47	40.00	-3,893.70	-214.17	3,850.99	3,820.89	30.10	127.925		
900.00	893.06	871.06	871.06	5.01	28.85	40.45	-3,893.70	-214.17	3,833.63	3,799.81	33.82	113.338		
1,000.00	989.64	967.64	967.64	5.41	32.20	40.96	-3,893.70	-214.17	3,813.73	3,776.18	37.55	101.563		
1,100.00	1,085.27	1,063.27	1,063.27	5.85	35.53	41.55	-3,893.70	-214.17	3,791.33	3,750.05	41.27	91.857		
1,191.50	1,171.82	1,149.82	1,149.82	6.29	38.53	42.15	-3,893.70	-214.17	3,768.70	3,724.02	44.68	84.358		
1,200.00	1,179.82	1,157.82	1,157.82	6.34	38.81	42.18	-3,893.70	-214.17	3,766.50	3,721.51	44.99	83.712		
1,300.00	1,273.89	1,251.89	1,251.89	6.85	42.09	42.52	-3,893.70	-214.17	3,740.75	3,692.04	48.71	76.796		
1,400.00	1,367.96	1,345.96	1,345.96	7.38	45.36	42.87	-3,893.70	-214.17	3,715.13	3,662.68	52.45	70.838		
1,500.00	1,462.03	1,440.03	1,440.03	7.93	48.64	43.21	-3,893.70	-214.17	3,689.64	3,633.45	56.20	65.655		
1,600.00	1,556.10	1,534.10	1,534.10	8.49	51.91	43.57	-3,893.70	-214.17	3,664.29	3,604.33	59.96	61.109		
1,700.00	1,650.17	1,628.17	1,628.17	9.06	55.19	43.92	-3,893.70	-214.17	3,639.08	3,575.34	63.74	57.092		
1,800.00	1,744.24	1,722.24	1,722.24	9.65	58.47	44.29	-3,893.70	-214.17	3,614.02	3,546.49	67.53	53.518		
1,900.00	1,838.31	1,816.31	1,816.31	10.23	61.75	44.65	-3,893.70	-214.17	3,589.09	3,517.77	71.33	50.320		
2,000.00	1,932.38	1,910.38	1,910.38	10.83	65.03	45.03	-3,893.70	-214.17	3,564.32	3,489.19	75.13	47.442		
2,100.00	2,026.45	2,004.45	2,004.45	11.43	68.31	45.40	-3,893.70	-214.17	3,539.70	3,460.76	78.94	44.840		
2,200.00	2,120.52	2,101.48	2,098.52	12.03	71.69	45.79	-3,893.70	-214.17	3,515.23	3,432.37	82.86	42.423		
2,300.00	2,214.59	2,207.41	2,192.59	12.63	75.39	46.17	-3,893.70	-214.17	3,490.92	3,403.83	87.10	40.080		
2,400.00	2,308.66	2,286.66	2,286.66	13.24	78.15	46.56	-3,893.70	-214.17	3,466.78	3,376.37	90.41	38.344		
2,500.00	2,402.73	2,380.73	2,380.73	13.86	81.43	46.96	-3,893.70	-214.17	3,442.80	3,348.55	94.25	36.530		
2,600.00	2,496.80	2,474.80	2,474.80	14.47	84.71	47.36	-3,893.70	-214.17	3,418.98	3,320.90	98.09	34.857		
2,700.00	2,590.87	2,568.87	2,568.87	15.09	88.00	47.77	-3,893.70	-214.17	3,395.34	3,293.41	101.93	33.311		
2,800.00	2,684.95	2,662.95	2,662.95	15.71	91.28	48.18	-3,893.70	-214.17	3,371.87	3,266.10	105.78	31.877		
2,900.00	2,779.02	2,757.02	2,757.02	16.33	94.56	48.60	-3,893.70	-214.17	3,348.59	3,238.96	109.63	30.545		
3,000.00	2,873.09	2,851.09	2,851.09	16.95	97.84	49.03	-3,893.70	-214.17	3,325.48	3,212.00	113.48	29.303		
3,100.00	2,967.16	2,945.16	2,945.16	17.57	101.12	49.46	-3,893.70	-214.17	3,302.57	3,185.22	117.34	28.144		
3,200.00	3,061.23	3,039.23	3,039.23	18.20	104.41	49.89	-3,893.70	-214.17	3,279.84	3,158.63	121.21	27.060		
3,300.00	3,155.30	3,133.30	3,133.30	18.82	107.69	50.33	-3,893.70	-214.17	3,257.31	3,132.23	125.07	26.043		
3,400.00	3,249.37	3,227.37	3,227.37	19.45	110.97	50.78	-3,893.70	-214.17	3,234.98	3,106.03	128.94	25.088		
3,500.00	3,343.44	3,321.44	3,321.44	20.07	114.25	51.23	-3,893.70	-214.17	3,212.85	3,080.03	132.82	24.190		
3,600.00	3,437.51	3,415.51	3,415.51	20.70	117.54	51.69	-3,893.70	-214.17	3,190.92	3,054.23	136.70	23.343		
3,700.00	3,531.58	3,509.58	3,509.58	21.33	120.82	52.15	-3,893.70	-214.17	3,169.21	3,028.63	140.58	22.544		
3,800.00	3,625.65	3,603.65	3,603.65	21.96	124.10	52.62	-3,893.70	-214.17	3,147.72	3,003.25	144.46	21.789		
3,900.00	3,719.72	3,702.28	3,697.72	22.59	127.54	53.10	-3,893.70	-214.17	3,126.44	2,977.93	148.51	21.052		
4,000.00	3,813.79	3,808.21	3,791.79	23.22	131.24	53.58	-3,893.70	-214.17	3,105.39	2,952.58	152.81	20.322		
4,100.00	3,907.86	3,885.86	3,885.86	23.85	133.95	54.07	-3,893.70	-214.17	3,084.57	2,928.44	156.13	19.756		
4,200.00	4,001.93	3,979.93	3,979.93	24.48	137.23	54.56	-3,893.70	-214.17	3,063.98	2,903.95	160.03	19.146		
4,300.00	4,096.00	4,074.00	4,074.00	25.11	140.52	55.06	-3,893.70	-214.17	3,043.63	2,879.70	163.93	18.567		
4,400.00	4,190.07	4,168.07	4,168.07	25.75	143.80	55.56	-3,893.70	-214.17	3,023.53	2,855.70	167.83	18.015		
4,500.00	4,284.14	4,262.14	4,262.14	26.38	147.08	56.08	-3,893.70	-214.17	3,003.67	2,831.93	171.74	17.490		
4,600.00	4,378.21	4,356.21	4,356.21	27.01	150.37	56.59	-3,893.70	-214.17	2,984.07	2,808.42	175.65	16.989		
4,700.00	4,472.28	4,450.28	4,450.28	27.65	153.65	57.12	-3,893.70	-214.17	2,964.73	2,785.17	179.56	16.511		
4,800.00	4,566.35	4,544.35	4,544.35	28.28	156.93	57.65	-3,893.70	-214.17	2,945.65	2,762.17	183.48	16.054		
4,900.00	4,660.42	4,638.42	4,638.42	28.91	160.22	58.19	-3,893.70	-214.17	2,926.84	2,739.44	187.40	15.618		
5,000.00	4,754.49	4,732.49	4,732.49	29.55	163.50	58.73	-3,893.70	-214.17	2,908.30	2,716.98	191.32	15.201		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,826.56	4,826.56	30.18	166.78	59.28	-3,893.70	-214.17	2,890.04	2,694.80	195.25	14.802		
5,200.00	4,942.63	4,920.63	4,920.63	30.82	170.07	59.84	-3,893.70	-214.17	2,872.07	2,672.90	199.17	14.420		
5,300.00	5,036.70	5,014.70	5,014.70	31.45	173.35	60.40	-3,893.70	-214.17	2,854.39	2,651.28	203.10	14.054		
5,400.00	5,130.77	5,108.77	5,108.77	32.09	176.63	60.97	-3,893.70	-214.17	2,837.00	2,629.96	207.04	13.703		
5,500.00	5,224.84	5,202.84	5,202.84	32.72	179.92	61.54	-3,893.70	-214.17	2,819.91	2,608.94	210.97	13.366		
5,600.00	5,318.91	5,303.09	5,296.91	33.36	183.41	62.13	-3,893.70	-214.17	2,803.13	2,588.00	215.13	13.030		
5,700.00	5,412.98	5,409.02	5,390.98	33.99	187.11	62.71	-3,893.70	-214.17	2,786.66	2,567.18	219.49	12.696		
5,800.00	5,507.06	5,485.06	5,485.06	34.63	189.77	63.31	-3,893.70	-214.17	2,770.51	2,547.71	222.80	12.435		
5,900.00	5,601.13	5,579.13	5,579.13	35.26	193.05	63.91	-3,893.70	-214.17	2,754.68	2,527.94	226.75	12.149		
6,000.00	5,695.20	5,673.20	5,673.20	35.90	196.33	64.51	-3,893.70	-214.17	2,739.18	2,508.49	230.70	11.873		
6,100.00	5,789.27	5,767.27	5,767.27	36.54	199.62	65.13	-3,893.70	-214.17	2,724.02	2,489.37	234.65	11.609		
6,200.00	5,883.34	5,861.34	5,861.34	37.17	202.90	65.75	-3,893.70	-214.17	2,709.19	2,470.59	238.60	11.354		
6,300.00	5,977.41	5,955.41	5,955.41	37.81	206.18	66.37	-3,893.70	-214.17	2,694.71	2,452.15	242.56	11.109		
6,400.00	6,071.48	6,049.48	6,049.48	38.44	209.47	67.00	-3,893.70	-214.17	2,680.59	2,434.07	246.52	10.874		
6,500.00	6,165.55	6,143.55	6,143.55	39.08	212.75	67.64	-3,893.70	-214.17	2,666.81	2,416.33	250.48	10.647		
6,600.00	6,259.62	6,237.62	6,237.62	39.72	216.04	68.28	-3,893.70	-214.17	2,653.40	2,398.96	254.44	10.428		
6,677.33	6,332.36	6,310.36	6,310.36	40.21	218.57	68.78	-3,893.70	-214.17	2,643.29	2,385.78	257.51	10.265		
6,700.00	6,353.76	6,331.76	6,331.76	40.35	219.32	63.73	-3,893.70	-214.17	2,640.14	2,381.73	258.40	10.217		
6,750.00	6,401.37	6,379.37	6,379.37	40.64	220.98	50.47	-3,893.70	-214.17	2,631.65	2,371.28	260.37	10.107		
6,800.00	6,449.30	6,427.30	6,427.30	40.89	222.66	34.94	-3,893.70	-214.17	2,621.05	2,358.75	262.30	9.993		
6,850.00	6,497.25	6,475.25	6,475.25	41.11	224.33	18.96	-3,893.70	-214.17	2,608.37	2,344.18	264.19	9.873		
6,900.00	6,544.95	6,522.95	6,522.95	41.29	225.99	4.48	-3,893.70	-214.17	2,593.66	2,327.63	266.04	9.749		
6,950.00	6,592.08	6,570.08	6,570.08	41.45	227.64	-7.62	-3,893.70	-214.17	2,577.01	2,309.17	267.84	9.621		
7,000.00	6,638.35	6,616.35	6,616.35	41.58	229.26	-17.48	-3,893.70	-214.17	2,558.52	2,288.93	269.60	9.490		
7,050.00	6,683.50	6,661.50	6,661.50	41.70	230.83	-25.61	-3,893.70	-214.17	2,538.32	2,267.02	271.31	9.356		
7,100.00	6,727.22	6,705.22	6,705.22	41.81	232.36	-32.56	-3,893.70	-214.17	2,516.56	2,243.60	272.96	9.219		
7,150.00	6,769.26	6,747.26	6,747.26	41.92	233.82	-38.70	-3,893.70	-214.17	2,493.43	2,218.87	274.56	9.082		
7,200.00	6,809.36	6,787.36	6,787.36	42.03	235.22	-44.31	-3,893.70	-214.17	2,469.10	2,193.01	276.10	8.943		
7,250.00	6,847.27	6,825.27	6,825.27	42.15	236.55	-49.57	-3,893.70	-214.17	2,443.82	2,166.25	277.57	8.804		
7,300.00	6,882.75	6,860.75	6,860.75	42.27	237.79	-54.58	-3,893.70	-214.17	2,417.80	2,138.84	278.97	8.667		
7,350.00	6,915.58	6,893.58	6,893.58	42.41	239.38	-59.38	-3,893.70	-214.17	2,391.31	2,110.57	280.74	8.518		
7,400.00	6,945.57	6,923.57	6,923.57	42.57	239.98	-63.98	-3,893.70	-214.17	2,364.61	2,083.07	281.54	8.399		
7,450.00	6,972.53	6,950.53	6,950.53	42.75	240.92	-68.37	-3,893.70	-214.17	2,337.97	2,055.27	282.70	8.270		
7,500.00	6,996.30	6,974.30	6,974.30	42.95	241.75	-72.50	-3,893.70	-214.17	2,311.67	2,027.89	283.78	8.146		
7,550.00	7,016.72	7,005.28	6,994.72	43.17	242.83	-76.33	-3,893.70	-214.17	2,285.99	2,000.85	285.15	8.017		
7,600.00	7,033.66	7,011.66	7,011.66	43.43	243.05	-79.82	-3,893.70	-214.17	2,261.20	1,975.52	285.68	7.915		
7,650.00	7,047.04	7,025.04	7,025.04	43.72	243.52	-82.94	-3,893.70	-214.17	2,237.57	1,951.08	286.49	7.810		
7,700.00	7,056.76	7,034.76	7,034.76	44.05	243.86	-85.66	-3,893.70	-214.17	2,215.34	1,928.13	287.21	7.713		
7,750.00	7,062.76	7,040.76	7,040.76	44.41	244.07	-87.96	-3,893.70	-214.17	2,194.75	1,906.93	287.83	7.625		
7,799.36	7,065.00	7,043.00	7,043.00	44.81	244.15	-89.82	-3,893.70	-214.17	2,176.24	1,887.90	288.34	7.547		
7,900.00	7,065.83	7,043.83	7,043.83	45.73	244.18	-89.84	-3,893.70	-214.17	2,142.50	1,853.14	289.37	7.404		
8,000.00	7,066.66	7,044.66	7,044.66	46.83	244.21	-89.87	-3,893.70	-214.17	2,113.20	1,822.65	290.55	7.273		
8,100.00	7,067.49	7,045.49	7,045.49	48.11	244.23	-89.89	-3,893.70	-214.17	2,088.28	1,796.40	291.87	7.155		
8,200.00	7,068.31	7,046.31	7,046.31	49.55	244.26	-89.91	-3,893.70	-214.17	2,067.90	1,774.56	293.33	7.050		
8,300.00	7,069.14	7,047.14	7,047.14	51.14	244.29	-89.94	-3,893.70	-214.17	2,052.19	1,757.29	294.90	6.959		
8,400.00	7,069.96	7,047.96	7,047.96	52.86	244.32	-89.96	-3,893.70	-214.17	2,041.27	1,744.71	296.56	6.883		
8,500.00	7,070.79	7,048.79	7,048.79	54.70	244.35	-89.98	-3,893.70	-214.17	2,035.21	1,736.93	298.28	6.823		
8,573.56	7,071.40	7,049.40	7,049.40	56.13	244.37	-90.00	-3,893.70	-214.17	2,033.88	1,734.31	299.57	6.789 CC		
8,600.00	7,071.61	7,049.61	7,049.61	56.64	244.38	-90.01	-3,893.70	-214.17	2,034.05	1,734.02	300.03	6.780 ES		
8,700.00	7,072.44	7,050.44	7,050.44	58.68	244.41	-90.03	-3,893.70	-214.17	2,037.80	1,736.02	301.78	6.753		
8,800.00	7,073.27	7,051.27	7,051.27	60.78	244.44	-90.05	-3,893.70	-214.17	2,046.44	1,742.92	303.52	6.742 SF		
8,900.00	7,074.09	7,052.09	7,052.09	62.96	244.47	-90.08	-3,893.70	-214.17	2,059.91	1,754.69	305.22	6.749		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	7,052.92	7,052.92	65.19	244.49	-90.10	-3,893.70	-214.17	2,078.10	1,771.24	306.86	6.772		
9,100.00	7,075.74	7,053.74	7,053.74	67.48	244.52	-90.12	-3,893.70	-214.17	2,100.90	1,792.48	308.42	6.812		
9,200.00	7,076.57	7,054.57	7,054.57	69.82	244.55	-90.15	-3,893.70	-214.17	2,128.16	1,818.26	309.89	6.867		
9,300.00	7,077.40	7,055.40	7,055.40	72.19	244.58	-90.17	-3,893.70	-214.17	2,159.71	1,848.43	311.27	6.938		
9,400.00	7,078.22	7,056.22	7,056.22	74.61	244.61	-90.19	-3,893.70	-214.17	2,195.36	1,882.81	312.55	7.024		
9,500.00	7,079.05	7,057.05	7,057.05	77.05	244.64	-90.22	-3,893.70	-214.17	2,234.92	1,921.20	313.73	7.124		
9,600.00	7,079.87	7,057.87	7,057.87	79.53	244.67	-90.24	-3,893.70	-214.17	2,278.19	1,963.39	314.80	7.237		
9,700.00	7,080.70	7,058.70	7,058.70	82.03	244.70	-90.26	-3,893.70	-214.17	2,324.96	2,009.19	315.77	7.363		
9,800.00	7,081.53	7,059.53	7,059.53	84.55	244.72	-90.29	-3,893.70	-214.17	2,375.02	2,058.37	316.64	7.501		
9,900.00	7,082.35	7,060.35	7,060.35	87.10	244.75	-90.31	-3,893.70	-214.17	2,428.16	2,110.74	317.43	7.650		
10,000.00	7,083.18	7,061.18	7,061.18	89.67	244.78	-90.33	-3,893.70	-214.17	2,484.20	2,166.07	318.12	7.809		
10,100.00	7,084.00	7,062.00	7,062.00	92.25	244.81	-90.36	-3,893.70	-214.17	2,542.93	2,224.19	318.74	7.978		
10,200.00	7,084.83	7,062.83	7,062.83	94.86	244.84	-90.38	-3,893.70	-214.17	2,604.18	2,284.90	319.29	8.156		
10,300.00	7,085.65	7,063.65	7,063.65	97.47	244.87	-90.40	-3,893.70	-214.17	2,667.78	2,348.01	319.76	8.343		
10,400.00	7,086.48	7,064.48	7,064.48	100.10	244.90	-90.42	-3,893.70	-214.17	2,733.55	2,413.37	320.18	8.538		
10,500.00	7,087.31	7,065.31	7,065.31	102.75	244.93	-90.45	-3,893.70	-214.17	2,801.35	2,480.81	320.54	8.739		
10,600.00	7,088.13	7,066.13	7,066.13	105.40	244.96	-90.47	-3,893.70	-214.17	2,871.03	2,550.18	320.86	8.948		
10,700.00	7,088.96	7,066.96	7,066.96	108.07	244.98	-90.49	-3,893.70	-214.17	2,942.46	2,621.34	321.13	9.163		
10,800.00	7,089.78	7,067.78	7,067.78	110.75	245.01	-90.52	-3,893.70	-214.17	3,015.52	2,694.16	321.36	9.384		
10,900.00	7,090.61	7,068.61	7,068.61	113.43	245.04	-90.54	-3,893.70	-214.17	3,090.08	2,768.53	321.55	9.610		
11,000.00	7,091.44	7,069.44	7,069.44	116.13	245.07	-90.56	-3,893.70	-214.17	3,166.05	2,844.33	321.72	9.841		
11,100.00	7,092.26	7,070.26	7,070.26	118.83	245.10	-90.59	-3,893.70	-214.17	3,243.32	2,921.46	321.86	10.077		
11,200.00	7,093.09	7,071.09	7,071.09	121.54	245.13	-90.61	-3,893.70	-214.17	3,321.80	2,999.83	321.97	10.317		
11,300.00	7,093.91	7,071.91	7,071.91	124.25	245.16	-90.63	-3,893.70	-214.17	3,401.41	3,079.34	322.07	10.561		
11,400.00	7,094.74	7,072.74	7,072.74	126.98	245.19	-90.66	-3,893.70	-214.17	3,482.08	3,159.93	322.14	10.809		
11,500.00	7,095.57	7,073.57	7,073.57	129.70	245.22	-90.68	-3,893.70	-214.17	3,563.72	3,241.52	322.21	11.060		
11,600.00	7,096.39	7,074.39	7,074.39	132.44	245.24	-90.70	-3,893.70	-214.17	3,646.28	3,324.03	322.25	11.315		
11,700.00	7,097.22	7,075.22	7,075.22	135.18	245.27	-90.73	-3,893.70	-214.17	3,729.69	3,407.40	322.29	11.573		
11,800.00	7,098.04	7,076.04	7,076.04	137.92	245.30	-90.75	-3,893.70	-214.17	3,813.90	3,491.59	322.31	11.833		
11,900.00	7,098.87	7,076.87	7,076.87	140.67	245.33	-90.77	-3,893.70	-214.17	3,898.86	3,576.53	322.33	12.096		
12,000.00	7,099.69	7,077.69	7,077.69	143.43	245.36	-90.80	-3,893.70	-214.17	3,984.51	3,662.18	322.33	12.361		
12,100.00	7,100.52	7,078.52	7,078.52	146.19	245.39	-90.82	-3,893.70	-214.17	4,070.82	3,748.48	322.34	12.629		
12,200.00	7,101.35	7,079.35	7,079.35	148.95	245.42	-90.84	-3,893.70	-214.17	4,157.74	3,835.41	322.33	12.899		
12,300.00	7,102.17	7,080.17	7,080.17	151.71	245.45	-90.87	-3,893.70	-214.17	4,245.24	3,922.91	322.32	13.171		
12,400.00	7,103.00	7,081.00	7,081.00	154.48	245.47	-90.89	-3,893.70	-214.17	4,333.27	4,010.96	322.31	13.444		
12,500.00	7,103.82	7,081.82	7,081.82	157.26	245.50	-90.91	-3,893.70	-214.17	4,421.82	4,099.53	322.30	13.720		
12,600.00	7,104.65	7,082.65	7,082.65	160.03	245.53	-90.94	-3,893.70	-214.17	4,510.85	4,188.57	322.28	13.997		
12,700.00	7,105.48	7,083.48	7,083.48	162.81	245.56	-90.96	-3,893.70	-214.17	4,600.32	4,278.07	322.26	14.275		
12,800.00	7,106.30	7,084.30	7,084.30	165.59	245.59	-90.98	-3,893.70	-214.17	4,690.22	4,367.99	322.24	14.555		
12,900.00	7,107.13	7,085.13	7,085.13	168.38	245.62	-91.01	-3,893.70	-214.17	4,780.53	4,458.31	322.21	14.837		
13,000.00	7,107.95	7,085.95	7,085.95	171.16	245.65	-91.03	-3,893.70	-214.17	4,871.21	4,549.02	322.19	15.119		
13,100.00	7,108.78	7,086.78	7,086.78	173.95	245.68	-91.05	-3,893.70	-214.17	4,962.25	4,640.08	322.16	15.403		
13,200.00	7,109.61	7,087.61	7,087.61	176.74	245.71	-91.08	-3,893.70	-214.17	5,053.62	4,731.48	322.14	15.688		
13,300.00	7,110.43	7,088.43	7,088.43	179.54	245.73	-91.10	-3,893.70	-214.17	5,145.32	4,823.21	322.12	15.974		
13,368.87	7,111.00	7,089.00	7,089.00	181.46	245.75	-91.12	-3,893.70	-214.17	5,208.65	4,886.55	322.10	16.171		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	40.00	40.00	3.28	3.35	-70.25	1,574.19	-4,385.62	4,659.58					
100.00	100.00	140.00	140.00	3.28	4.54	-70.25	1,574.19	-4,385.62	4,659.58	4,651.75	7.83	595.343		
200.00	200.00	240.00	240.00	3.34	7.40	-70.25	1,574.19	-4,385.62	4,659.58	4,648.84	10.74	433.990		
300.00	299.98	339.98	339.98	3.44	10.64	145.39	1,574.19	-4,385.62	4,661.02	4,646.94	14.08	331.000		
400.00	399.84	439.84	439.84	3.59	14.00	145.38	1,574.19	-4,385.62	4,665.33	4,647.74	17.59	265.205		
500.00	499.45	539.45	539.45	3.79	17.40	145.36	1,574.19	-4,385.62	4,672.51	4,651.32	21.19	220.487		
600.00	598.70	638.70	638.70	4.04	20.81	145.33	1,574.19	-4,385.62	4,682.56	4,657.71	24.85	188.446		
700.00	697.47	737.47	737.47	4.32	24.22	145.29	1,574.19	-4,385.62	4,695.47	4,666.93	28.54	164.517		
800.00	795.62	835.62	835.62	4.65	27.62	145.24	1,574.19	-4,385.62	4,711.24	4,678.99	32.26	146.059		
900.00	893.06	933.06	933.06	5.01	31.00	145.18	1,574.19	-4,385.62	4,729.87	4,693.89	35.98	131.451		
1,000.00	989.64	1,029.64	1,029.64	5.41	34.36	145.10	1,574.19	-4,385.62	4,751.34	4,711.63	39.71	119.647		
1,100.00	1,085.27	1,125.27	1,125.27	5.85	37.68	145.01	1,574.19	-4,385.62	4,775.65	4,732.22	43.44	109.946		
1,191.50	1,171.82	1,211.82	1,211.82	6.29	40.69	144.92	1,574.19	-4,385.62	4,800.37	4,753.54	46.84	102.494		
1,200.00	1,179.82	1,219.82	1,219.82	6.34	40.97	144.94	1,574.19	-4,385.62	4,802.78	4,755.62	47.15	101.851		
1,300.00	1,273.89	1,313.89	1,313.89	6.85	44.24	145.16	1,574.19	-4,385.62	4,831.12	4,780.26	50.86	94.981		
1,400.00	1,367.96	1,407.96	1,407.96	7.38	47.52	145.39	1,574.19	-4,385.62	4,859.54	4,804.95	54.59	89.019		
1,500.00	1,462.03	1,502.03	1,502.03	7.93	50.80	145.61	1,574.19	-4,385.62	4,888.03	4,829.70	58.33	83.800		
1,600.00	1,556.10	1,603.90	1,596.10	8.49	54.35	145.83	1,574.19	-4,385.62	4,916.58	4,854.23	62.35	78.853		
1,700.00	1,650.17	1,709.83	1,690.17	9.06	58.04	146.05	1,574.19	-4,385.62	4,945.21	4,878.68	66.52	74.338		
1,800.00	1,744.24	1,784.24	1,784.24	9.65	60.63	146.26	1,574.19	-4,385.62	4,973.90	4,904.29	69.60	71.460		
1,900.00	1,838.31	1,878.31	1,878.31	10.23	63.91	146.47	1,574.19	-4,385.62	5,002.65	4,929.28	73.38	68.178		
2,000.00	1,932.38	1,972.38	1,972.38	10.83	67.19	146.68	1,574.19	-4,385.62	5,031.47	4,954.32	77.15	65.214		
2,100.00	2,026.45	2,066.45	2,066.45	11.43	70.47	146.89	1,574.19	-4,385.62	5,060.36	4,979.42	80.93	62.524		
2,200.00	2,120.52	2,160.52	2,160.52	12.03	73.75	147.09	1,574.19	-4,385.62	5,089.30	5,004.59	84.72	60.073		
2,300.00	2,214.59	2,254.59	2,254.59	12.63	77.03	147.30	1,574.19	-4,385.62	5,118.31	5,029.81	88.51	57.830		
2,400.00	2,308.66	2,348.66	2,348.66	13.24	80.31	147.50	1,574.19	-4,385.62	5,147.38	5,055.08	92.30	55.770		
2,500.00	2,402.73	2,442.73	2,442.73	13.86	83.59	147.70	1,574.19	-4,385.62	5,176.51	5,080.42	96.09	53.873		
2,600.00	2,496.80	2,536.80	2,536.80	14.47	86.88	147.89	1,574.19	-4,385.62	5,205.69	5,105.81	99.88	52.119		
2,700.00	2,590.87	2,630.87	2,630.87	15.09	90.16	148.09	1,574.19	-4,385.62	5,234.93	5,131.26	103.68	50.493		
2,800.00	2,684.95	2,724.95	2,724.95	15.71	93.44	148.28	1,574.19	-4,385.62	5,264.23	5,156.76	107.47	48.982		
2,900.00	2,779.02	2,819.02	2,819.02	16.33	96.72	148.47	1,574.19	-4,385.62	5,293.58	5,182.31	111.27	47.575		
3,000.00	2,873.09	2,913.09	2,913.09	16.95	100.00	148.66	1,574.19	-4,385.62	5,322.99	5,207.92	115.07	46.260		
3,100.00	2,967.16	3,007.16	3,007.16	17.57	103.29	148.84	1,574.19	-4,385.62	5,352.45	5,233.58	118.87	45.029		
3,200.00	3,061.23	3,101.23	3,101.23	18.20	106.57	149.03	1,574.19	-4,385.62	5,381.96	5,259.30	122.66	43.875		
3,300.00	3,155.30	3,204.70	3,195.30	18.82	110.18	149.21	1,574.19	-4,385.62	5,411.53	5,284.74	126.79	42.680		
3,400.00	3,249.37	3,289.37	3,289.37	19.45	113.13	149.39	1,574.19	-4,385.62	5,441.14	5,310.88	130.26	41.770		
3,500.00	3,343.44	3,383.44	3,383.44	20.07	116.42	149.57	1,574.19	-4,385.62	5,470.81	5,336.75	134.06	40.807		
3,600.00	3,437.51	3,477.51	3,477.51	20.70	119.70	149.74	1,574.19	-4,385.62	5,500.52	5,362.66	137.87	39.898		
3,700.00	3,531.58	3,571.58	3,571.58	21.33	122.98	149.92	1,574.19	-4,385.62	5,530.29	5,388.62	141.67	39.038		
3,800.00	3,625.65	3,665.65	3,665.65	21.96	126.27	150.09	1,574.19	-4,385.62	5,560.10	5,414.63	145.47	38.223		
3,900.00	3,719.72	3,759.72	3,759.72	22.59	129.55	150.26	1,574.19	-4,385.62	5,589.96	5,440.69	149.27	37.449		
4,000.00	3,813.79	3,853.79	3,853.79	23.22	132.83	150.43	1,574.19	-4,385.62	5,619.86	5,466.79	153.07	36.715		
4,100.00	3,907.86	3,947.86	3,947.86	23.85	136.11	150.60	1,574.19	-4,385.62	5,649.81	5,492.94	156.87	36.016		
4,200.00	4,001.93	4,041.93	4,041.93	24.48	139.40	150.76	1,574.19	-4,385.62	5,679.81	5,519.14	160.67	35.351		
4,300.00	4,096.00	4,136.00	4,136.00	25.11	142.68	150.93	1,574.19	-4,385.62	5,709.84	5,545.37	164.47	34.717		
4,400.00	4,190.07	4,230.07	4,230.07	25.75	145.96	151.09	1,574.19	-4,385.62	5,739.93	5,571.65	168.27	34.111		
4,500.00	4,284.14	4,324.14	4,324.14	26.38	149.25	151.25	1,574.19	-4,385.62	5,770.05	5,597.98	172.07	33.533		
4,600.00	4,378.21	4,418.21	4,418.21	27.01	152.53	151.41	1,574.19	-4,385.62	5,800.22	5,624.34	175.87	32.980		
4,700.00	4,472.28	4,512.28	4,512.28	27.65	155.81	151.57	1,574.19	-4,385.62	5,830.42	5,650.75	179.67	32.450		
4,800.00	4,566.35	4,606.35	4,606.35	28.28	159.10	151.72	1,574.19	-4,385.62	5,860.67	5,677.20	183.47	31.943		
4,900.00	4,660.42	4,700.42	4,700.42	28.91	162.38	151.88	1,574.19	-4,385.62	5,890.96	5,703.69	187.27	31.457		
5,000.00	4,754.49	4,805.51	4,794.49	29.55	166.05	152.03	1,574.19	-4,385.62	5,921.29	5,729.83	191.46	30.928		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,888.56	4,888.56	30.18	168.95	152.18	1,574.19	-4,385.62	5,951.65	5,756.78	194.87	30.541		
5,200.00	4,942.63	4,982.63	4,982.63	30.82	172.23	152.33	1,574.19	-4,385.62	5,982.06	5,783.39	198.67	30.110		
5,300.00	5,036.70	5,076.70	5,076.70	31.45	175.51	152.48	1,574.19	-4,385.62	6,012.50	5,810.03	202.47	29.696		
5,400.00	5,130.77	5,170.77	5,170.77	32.09	178.80	152.63	1,574.19	-4,385.62	6,042.98	5,836.71	206.27	29.296		
5,500.00	5,224.84	5,264.84	5,264.84	32.72	182.08	152.77	1,574.19	-4,385.62	6,073.49	5,863.43	210.07	28.912		
5,600.00	5,318.91	5,358.91	5,358.91	33.36	185.36	152.91	1,574.19	-4,385.62	6,104.05	5,890.18	213.87	28.541		
5,700.00	5,412.98	5,452.98	5,452.98	33.99	188.65	153.06	1,574.19	-4,385.62	6,134.63	5,916.97	217.67	28.184		
5,800.00	5,507.06	5,547.06	5,547.06	34.63	191.93	153.20	1,574.19	-4,385.62	6,165.26	5,943.79	221.46	27.839		
5,900.00	5,601.13	5,641.13	5,641.13	35.26	195.21	153.34	1,574.19	-4,385.62	6,195.91	5,970.65	225.26	27.505		
6,000.00	5,695.20	5,735.20	5,735.20	35.90	198.50	153.48	1,574.19	-4,385.62	6,226.60	5,997.54	229.06	27.183		
6,100.00	5,789.27	5,829.27	5,829.27	36.54	201.78	153.61	1,574.19	-4,385.62	6,257.33	6,024.47	232.86	26.872		
6,200.00	5,883.34	5,923.34	5,923.34	37.17	205.06	153.75	1,574.19	-4,385.62	6,288.08	6,051.43	236.66	26.570		
6,300.00	5,977.41	6,017.41	6,017.41	37.81	208.35	153.88	1,574.19	-4,385.62	6,318.87	6,078.42	240.45	26.279		
6,400.00	6,071.48	6,111.48	6,111.48	38.44	211.63	154.02	1,574.19	-4,385.62	6,349.69	6,105.44	244.25	25.997		
6,500.00	6,165.55	6,205.55	6,205.55	39.08	214.92	154.15	1,574.19	-4,385.62	6,380.54	6,132.50	248.05	25.723		
6,600.00	6,259.62	6,300.38	6,299.62	39.72	218.23	154.28	1,574.19	-4,385.62	6,411.43	6,159.56	251.87	25.455		
6,677.33	6,332.36	6,372.36	6,372.36	40.21	220.74	154.38	1,574.19	-4,385.62	6,435.33	6,180.55	254.78	25.258		
6,700.00	6,353.76	6,406.24	6,393.76	40.35	221.92	149.14	1,574.19	-4,385.62	6,442.01	6,185.93	256.08	25.156		
6,750.00	6,401.37	6,441.37	6,441.37	40.64	223.15	135.76	1,574.19	-4,385.62	6,454.36	6,196.80	257.55	25.060		
6,800.00	6,449.30	6,489.30	6,489.30	40.89	224.82	120.53	1,574.19	-4,385.62	6,463.38	6,203.92	259.46	24.911		
6,850.00	6,497.25	6,537.25	6,537.25	41.11	226.49	105.27	1,574.19	-4,385.62	6,469.03	6,207.68	261.35	24.752		
6,900.00	6,544.95	6,584.95	6,584.95	41.29	228.16	91.92	1,574.19	-4,385.62	6,471.28	6,208.07	263.21	24.586		
6,950.00	6,592.08	6,632.08	6,632.08	41.45	229.80	81.39	1,574.19	-4,385.62	6,470.14	6,205.12	265.02	24.414		
7,000.00	6,638.35	6,678.35	6,678.35	41.58	231.42	73.54	1,574.19	-4,385.62	6,465.62	6,198.86	266.77	24.237		
7,050.00	6,683.50	6,723.50	6,723.50	41.70	233.00	67.86	1,574.19	-4,385.62	6,457.77	6,189.33	268.45	24.056		
7,100.00	6,727.22	6,767.22	6,767.22	41.81	234.52	63.84	1,574.19	-4,385.62	6,446.65	6,176.60	270.05	23.872		
7,150.00	6,769.26	6,809.26	6,809.26	41.92	235.99	61.08	1,574.19	-4,385.62	6,432.34	6,160.77	271.57	23.686		
7,200.00	6,809.36	6,849.36	6,849.36	42.03	237.39	59.32	1,574.19	-4,385.62	6,414.95	6,141.95	273.00	23.498		
7,250.00	6,847.27	6,887.27	6,887.27	42.15	238.71	58.37	1,574.19	-4,385.62	6,394.59	6,120.25	274.34	23.309		
7,300.00	6,882.75	6,922.75	6,922.75	42.27	239.95	58.12	1,574.19	-4,385.62	6,371.41	6,095.83	275.58	23.120		
7,350.00	6,915.58	6,955.58	6,955.58	42.41	241.10	58.50	1,574.19	-4,385.62	6,345.56	6,068.83	276.72	22.931		
7,400.00	6,945.57	6,985.57	6,985.57	42.57	242.14	59.47	1,574.19	-4,385.62	6,317.21	6,039.44	277.77	22.743		
7,450.00	6,972.53	7,012.53	7,012.53	42.75	243.08	61.01	1,574.19	-4,385.62	6,286.55	6,007.84	278.71	22.556		
7,500.00	6,996.30	7,036.30	7,036.30	42.95	243.91	63.15	1,574.19	-4,385.62	6,253.76	5,974.21	279.55	22.371		
7,550.00	7,016.72	7,056.72	7,056.72	43.17	244.63	65.90	1,574.19	-4,385.62	6,219.07	5,938.78	280.29	22.188		
7,600.00	7,033.66	7,073.66	7,073.66	43.43	245.22	69.28	1,574.19	-4,385.62	6,182.69	5,901.76	280.93	22.008		
7,650.00	7,047.04	7,087.04	7,087.04	43.72	245.69	73.33	1,574.19	-4,385.62	6,144.84	5,863.37	281.47	21.831		
7,700.00	7,056.76	7,103.24	7,096.76	44.05	246.25	78.05	1,574.19	-4,385.62	6,105.75	5,823.61	282.14	21.641		
7,750.00	7,062.76	7,102.76	7,102.76	44.41	246.23	83.43	1,574.19	-4,385.62	6,065.67	5,783.42	282.25	21.490		
7,799.36	7,065.00	7,105.00	7,105.00	44.81	246.31	89.32	1,574.19	-4,385.62	6,025.35	5,742.87	282.48	21.330		
7,900.00	7,065.83	7,105.83	7,105.83	45.73	246.34	89.33	1,574.19	-4,385.62	5,942.83	5,659.93	282.90	21.007		
8,000.00	7,066.66	7,106.66	7,106.66	46.83	246.37	89.34	1,574.19	-4,385.62	5,861.40	5,577.98	283.42	20.681		
8,100.00	7,067.49	7,107.49	7,107.49	48.11	246.40	89.36	1,574.19	-4,385.62	5,780.55	5,496.51	284.04	20.351		
8,200.00	7,068.31	7,108.31	7,108.31	49.55	246.43	89.37	1,574.19	-4,385.62	5,700.31	5,415.54	284.77	20.017		
8,300.00	7,069.14	7,109.14	7,109.14	51.14	246.46	89.38	1,574.19	-4,385.62	5,620.70	5,335.09	285.61	19.680		
8,400.00	7,069.96	7,109.96	7,109.96	52.86	246.49	89.40	1,574.19	-4,385.62	5,541.75	5,255.19	286.56	19.339		
8,500.00	7,070.79	7,110.79	7,110.79	54.70	246.51	89.41	1,574.19	-4,385.62	5,463.49	5,175.86	287.63	18.995		
8,600.00	7,071.61	7,111.61	7,111.61	56.64	246.54	89.43	1,574.19	-4,385.62	5,385.95	5,097.14	288.81	18.649		
8,700.00	7,072.44	7,112.44	7,112.44	58.68	246.57	89.44	1,574.19	-4,385.62	5,309.16	5,019.05	290.11	18.300		
8,800.00	7,073.27	7,113.27	7,113.27	60.78	246.60	89.45	1,574.19	-4,385.62	5,233.16	4,941.63	291.53	17.951		
8,900.00	7,074.09	7,114.09	7,114.09	62.96	246.63	89.47	1,574.19	-4,385.62	5,157.97	4,864.91	293.06	17.600		
9,000.00	7,074.92	7,114.92	7,114.92	65.19	246.66	89.48	1,574.19	-4,385.62	5,083.64	4,788.93	294.71	17.250		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,115.74	7,115.74	67.48	246.69	89.49	1,574.19	-4,385.62	5,010.20	4,713.73	296.47	16.899		
9,200.00	7,076.57	7,116.57	7,116.57	69.82	246.72	89.51	1,574.19	-4,385.62	4,937.70	4,639.35	298.35	16.550		
9,300.00	7,077.40	7,117.40	7,117.40	72.19	246.75	89.52	1,574.19	-4,385.62	4,866.17	4,565.83	300.34	16.202		
9,400.00	7,078.22	7,118.22	7,118.22	74.61	246.77	89.54	1,574.19	-4,385.62	4,795.66	4,493.22	302.44	15.856		
9,500.00	7,079.05	7,119.05	7,119.05	77.05	246.80	89.55	1,574.19	-4,385.62	4,726.21	4,421.55	304.66	15.513		
9,600.00	7,079.87	7,119.87	7,119.87	79.53	246.83	89.56	1,574.19	-4,385.62	4,657.87	4,350.90	306.98	15.173		
9,700.00	7,080.70	7,120.70	7,120.70	82.03	246.86	89.58	1,574.19	-4,385.62	4,590.70	4,281.29	309.41	14.837		
9,800.00	7,081.53	7,121.53	7,121.53	84.55	246.89	89.59	1,574.19	-4,385.62	4,524.74	4,212.80	311.94	14.505		
9,900.00	7,082.35	7,122.35	7,122.35	87.10	246.92	89.61	1,574.19	-4,385.62	4,460.04	4,145.46	314.58	14.178		
10,000.00	7,083.18	7,123.18	7,123.18	89.67	246.95	89.62	1,574.19	-4,385.62	4,396.67	4,079.35	317.32	13.856		
10,100.00	7,084.00	7,124.00	7,124.00	92.25	246.98	89.63	1,574.19	-4,385.62	4,334.68	4,014.52	320.16	13.539		
10,200.00	7,084.83	7,124.83	7,124.83	94.86	247.00	89.65	1,574.19	-4,385.62	4,274.12	3,951.03	323.09	13.229		
10,300.00	7,085.65	7,125.65	7,125.65	97.47	247.03	89.66	1,574.19	-4,385.62	4,215.07	3,888.95	326.12	12.925		
10,400.00	7,086.48	7,126.48	7,126.48	100.10	247.06	89.67	1,574.19	-4,385.62	4,157.59	3,828.35	329.24	12.628		
10,500.00	7,087.31	7,127.31	7,127.31	102.75	247.09	89.69	1,574.19	-4,385.62	4,101.74	3,769.30	332.44	12.338		
10,600.00	7,088.13	7,128.13	7,128.13	105.40	247.12	89.70	1,574.19	-4,385.62	4,047.59	3,711.86	335.73	12.056		
10,700.00	7,088.96	7,128.96	7,128.96	108.07	247.15	89.72	1,574.19	-4,385.62	3,995.21	3,656.11	339.10	11.782		
10,800.00	7,089.78	7,129.78	7,129.78	110.75	247.18	89.73	1,574.19	-4,385.62	3,944.67	3,602.14	342.53	11.516		
10,900.00	7,090.61	7,130.61	7,130.61	113.43	247.21	89.74	1,574.19	-4,385.62	3,896.04	3,550.00	346.04	11.259		
11,000.00	7,091.44	7,131.44	7,131.44	116.13	247.24	89.76	1,574.19	-4,385.62	3,849.39	3,499.79	349.60	11.011		
11,100.00	7,092.26	7,132.26	7,132.26	118.83	247.26	89.77	1,574.19	-4,385.62	3,804.80	3,451.59	353.22	10.772		
11,200.00	7,093.09	7,133.09	7,133.09	121.54	247.29	89.78	1,574.19	-4,385.62	3,762.35	3,405.47	356.88	10.542		
11,300.00	7,093.91	7,133.91	7,133.91	124.25	247.32	89.80	1,574.19	-4,385.62	3,722.09	3,361.51	360.58	10.323		
11,400.00	7,094.74	7,134.74	7,134.74	126.98	247.35	89.81	1,574.19	-4,385.62	3,684.11	3,319.80	364.31	10.113		
11,500.00	7,095.57	7,135.57	7,135.57	129.70	247.38	89.83	1,574.19	-4,385.62	3,648.47	3,280.42	368.05	9.913		
11,600.00	7,096.39	7,136.39	7,136.39	132.44	247.41	89.84	1,574.19	-4,385.62	3,615.25	3,243.45	371.81	9.723		
11,700.00	7,097.22	7,137.22	7,137.22	135.18	247.44	89.85	1,574.19	-4,385.62	3,584.52	3,208.96	375.56	9.544		
11,800.00	7,098.04	7,138.04	7,138.04	137.92	247.47	89.87	1,574.19	-4,385.62	3,556.32	3,177.03	379.30	9.376		
11,900.00	7,098.87	7,138.87	7,138.87	140.67	247.49	89.88	1,574.19	-4,385.62	3,530.74	3,147.73	383.01	9.218		
12,000.00	7,099.69	7,139.69	7,139.69	143.43	247.52	89.90	1,574.19	-4,385.62	3,507.83	3,121.14	386.68	9.072		
12,100.00	7,100.52	7,140.52	7,140.52	146.19	247.55	89.91	1,574.19	-4,385.62	3,487.63	3,097.32	390.31	8.936		
12,200.00	7,101.35	7,141.35	7,141.35	148.95	247.58	89.92	1,574.19	-4,385.62	3,470.19	3,076.32	393.87	8.810		
12,300.00	7,102.17	7,142.17	7,142.17	151.71	247.61	89.94	1,574.19	-4,385.62	3,455.56	3,058.20	397.36	8.696		
12,400.00	7,103.00	7,143.00	7,143.00	154.48	247.64	89.95	1,574.19	-4,385.62	3,443.78	3,043.01	400.77	8.593		
12,500.00	7,103.82	7,143.82	7,143.82	157.26	247.67	89.96	1,574.19	-4,385.62	3,434.86	3,030.79	404.08	8.501		
12,600.00	7,104.65	7,144.65	7,144.65	160.03	247.70	89.98	1,574.19	-4,385.62	3,428.84	3,021.57	407.28	8.419		
12,700.00	7,105.48	7,145.48	7,145.48	162.81	247.73	89.99	1,574.19	-4,385.62	3,425.73	3,015.37	410.36	8.348		
12,756.58	7,105.94	7,145.94	7,145.94	164.38	247.74	90.00	1,574.19	-4,385.62	3,425.27	3,013.21	412.05	8.313 CC		
12,800.00	7,106.30	7,146.30	7,146.30	165.59	247.75	90.01	1,574.19	-4,385.62	3,425.54	3,012.22	413.32	8.288		
12,900.00	7,107.13	7,147.13	7,147.13	168.38	247.78	90.02	1,574.19	-4,385.62	3,428.27	3,012.12	416.15	8.238 ES		
13,000.00	7,107.95	7,147.95	7,147.95	171.16	247.81	90.03	1,574.19	-4,385.62	3,433.91	3,015.07	418.83	8.199		
13,100.00	7,108.78	7,148.78	7,148.78	173.95	247.84	90.05	1,574.19	-4,385.62	3,442.44	3,021.07	421.37	8.170		
13,200.00	7,109.61	7,149.61	7,149.61	176.74	247.87	90.06	1,574.19	-4,385.62	3,453.85	3,030.09	423.76	8.151		
13,300.00	7,110.43	7,150.43	7,150.43	179.54	247.90	90.08	1,574.19	-4,385.62	3,468.10	3,042.11	425.99	8.141		
13,368.87	7,111.00	7,151.00	7,151.00	181.46	247.92	90.08	1,574.19	-4,385.62	3,479.56	3,052.12	427.44	8.141 SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	164.03	-3,571.63	1,022.16	3,715.02					
100.00	100.00	79.05	79.04	3.28	3.28	164.04	-3,571.89	1,021.84	3,715.21	3,708.64	6.57	565.534		
200.00	200.00	169.09	169.08	3.34	3.32	164.05	-3,572.63	1,021.10	3,715.77	3,709.11	6.66	558.026		
300.00	299.98	291.68	291.67	3.44	3.44	19.73	-3,573.30	1,020.86	3,714.63	3,707.74	6.88	539.674		
400.00	399.84	384.86	384.85	3.59	3.58	19.78	-3,573.36	1,021.04	3,709.82	3,702.64	7.18	516.993		
500.00	499.45	491.30	491.28	3.79	3.79	19.88	-3,573.47	1,021.39	3,701.80	3,694.22	7.58	488.150		
600.00	598.70	584.71	584.70	4.04	4.01	20.01	-3,573.46	1,021.83	3,690.46	3,682.41	8.04	458.875		
700.00	697.47	686.90	686.89	4.32	4.28	20.19	-3,573.57	1,022.15	3,675.94	3,667.35	8.59	427.872		
800.00	795.62	793.28	793.27	4.65	4.59	20.43	-3,573.48	1,022.55	3,658.02	3,648.81	9.21	397.181		
900.00	893.06	898.84	898.83	5.01	4.91	20.71	-3,573.13	1,022.96	3,636.69	3,626.81	9.87	368.332		
1,000.00	989.64	982.92	982.91	5.41	5.19	21.01	-3,572.95	1,023.13	3,612.25	3,601.74	10.51	343.684		
1,100.00	1,085.27	1,074.35	1,074.33	5.85	5.50	21.37	-3,573.02	1,023.25	3,584.93	3,573.73	11.21	319.896		
1,191.50	1,171.82	1,163.85	1,163.83	6.29	5.81	21.77	-3,573.12	1,023.29	3,557.25	3,545.37	11.89	299.291		
1,200.00	1,179.82	1,172.31	1,172.29	6.34	5.84	21.78	-3,573.12	1,023.28	3,554.56	3,542.60	11.95	297.333		
1,300.00	1,273.89	1,260.88	1,260.86	6.85	6.16	21.98	-3,573.19	1,023.27	3,522.90	3,510.22	12.68	277.874		
1,400.00	1,367.96	1,361.30	1,361.28	7.38	6.52	22.19	-3,573.38	1,023.39	3,491.41	3,477.94	13.47	259.268		
1,500.00	1,462.03	1,457.17	1,457.16	7.93	6.88	22.41	-3,573.28	1,023.42	3,459.67	3,445.42	14.26	242.688		
1,600.00	1,556.10	1,550.46	1,550.44	8.49	7.22	22.62	-3,573.36	1,023.20	3,428.09	3,413.04	15.05	227.806		
1,700.00	1,650.17	1,641.82	1,641.80	9.06	7.57	22.84	-3,573.37	1,023.03	3,396.50	3,380.65	15.85	214.313		
1,800.00	1,744.24	1,727.64	1,727.63	9.65	7.90	23.05	-3,573.62	1,022.82	3,365.20	3,348.55	16.64	202.187		
1,900.00	1,838.31	1,819.24	1,819.22	10.23	8.26	23.28	-3,574.04	1,022.42	3,334.06	3,316.59	17.47	190.817		
2,000.00	1,932.38	1,911.23	1,911.21	10.83	8.62	23.51	-3,574.57	1,022.03	3,303.08	3,284.76	18.31	180.373		
2,100.00	2,026.45	2,018.02	2,018.00	11.43	9.04	23.79	-3,574.96	1,021.37	3,271.91	3,252.70	19.21	170.323		
2,200.00	2,120.52	2,106.14	2,106.11	12.03	9.40	24.03	-3,575.31	1,020.59	3,240.77	3,220.72	20.05	161.624		
2,300.00	2,214.59	2,213.42	2,213.39	12.63	9.83	24.33	-3,575.61	1,019.52	3,209.58	3,188.61	20.96	153.104		
2,400.00	2,308.66	2,300.58	2,300.54	13.24	10.18	24.58	-3,575.82	1,018.56	3,178.39	3,156.57	21.81	145.697		
2,500.00	2,402.73	2,394.32	2,394.27	13.86	10.56	24.85	-3,576.09	1,017.64	3,147.32	3,124.63	22.69	138.680		
2,600.00	2,496.80	2,488.96	2,488.92	14.47	10.95	25.13	-3,576.32	1,016.87	3,116.32	3,092.74	23.58	132.142		
2,700.00	2,590.87	2,589.31	2,589.25	15.09	11.36	25.43	-3,576.48	1,015.94	3,085.29	3,060.80	24.49	125.961		
2,800.00	2,684.95	2,684.14	2,684.09	15.71	11.75	25.71	-3,576.50	1,015.09	3,054.20	3,028.81	25.39	120.286		
2,900.00	2,779.02	2,781.83	2,781.77	16.33	12.16	26.02	-3,576.42	1,014.36	3,023.12	2,996.82	26.30	114.945		
3,000.00	2,873.09	2,870.95	2,870.89	16.95	12.53	26.30	-3,576.35	1,013.59	2,992.10	2,964.91	27.19	110.050		
3,100.00	2,967.16	2,957.45	2,957.38	17.57	12.89	26.58	-3,576.50	1,012.79	2,961.37	2,933.30	28.07	105.484		
3,200.00	3,061.23	3,049.02	3,048.95	18.20	13.28	26.88	-3,576.82	1,012.16	2,930.92	2,901.94	28.98	101.136		
3,300.00	3,155.30	3,141.14	3,141.07	18.82	13.66	27.18	-3,577.08	1,011.74	2,900.53	2,870.65	29.89	97.042		
3,400.00	3,249.37	3,230.95	3,230.88	19.45	14.04	27.47	-3,577.44	1,011.77	2,870.40	2,839.61	30.79	93.212		
3,500.00	3,343.44	3,326.82	3,326.75	20.07	14.44	27.79	-3,577.85	1,011.71	2,840.37	2,808.65	31.72	89.546		
3,600.00	3,437.51	3,421.33	3,421.26	20.70	14.84	28.11	-3,578.16	1,011.71	2,810.34	2,777.69	32.64	86.089		
3,700.00	3,531.58	3,508.46	3,508.38	21.33	15.21	28.41	-3,578.61	1,011.78	2,780.56	2,747.01	33.55	82.873		
3,800.00	3,625.65	3,610.55	3,610.47	21.96	15.64	28.78	-3,579.14	1,011.54	2,750.83	2,716.33	34.51	79.723		
3,900.00	3,719.72	3,694.79	3,694.72	22.59	16.00	29.09	-3,579.66	1,011.18	2,721.27	2,685.85	35.42	76.838		
4,000.00	3,813.79	3,797.78	3,797.70	23.22	16.44	29.48	-3,580.26	1,010.95	2,691.80	2,655.42	36.38	73.997		
4,100.00	3,907.86	3,895.92	3,895.84	23.85	16.86	29.85	-3,580.57	1,010.87	2,662.19	2,624.86	37.33	71.318		
4,200.00	4,001.93	3,990.42	3,990.34	24.48	17.26	30.21	-3,580.78	1,010.83	2,632.59	2,594.32	38.27	68.786		
4,300.00	4,096.00	4,086.69	4,086.60	25.11	17.66	30.59	-3,580.94	1,010.91	2,603.06	2,563.84	39.22	66.371		
4,400.00	4,190.07	4,181.14	4,181.06	25.75	18.06	30.96	-3,581.03	1,011.12	2,573.58	2,533.42	40.16	64.081		
4,500.00	4,284.14	4,272.12	4,272.03	26.38	18.44	31.33	-3,581.14	1,011.52	2,544.26	2,503.16	41.10	61.908		
4,600.00	4,378.21	4,366.96	4,366.87	27.01	18.83	31.72	-3,581.34	1,011.90	2,515.12	2,473.07	42.05	59.819		
4,700.00	4,472.28	4,459.12	4,459.03	27.65	19.22	32.10	-3,581.49	1,012.50	2,486.06	2,443.07	42.99	57.828		
4,800.00	4,566.35	4,550.40	4,550.31	28.28	19.60	32.49	-3,581.79	1,012.94	2,457.26	2,413.32	43.94	55.922		
4,900.00	4,660.42	4,644.08	4,643.99	28.91	20.00	32.91	-3,582.17	1,013.28	2,428.64	2,383.74	44.90	54.089		
5,000.00	4,754.49	4,733.17	4,733.07	29.55	20.38	33.31	-3,582.55	1,013.66	2,400.18	2,354.32	45.86	52.341		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,816.13	4,816.03	30.18	20.73	33.69	-3,583.30	1,013.96	2,372.27	2,325.47	46.81	50.683		
5,200.00	4,942.63	4,909.33	4,909.23	30.82	21.13	34.13	-3,584.36	1,014.04	2,344.72	2,296.94	47.78	49.071		
5,300.00	5,036.70	5,004.12	5,004.01	31.45	21.54	34.60	-3,585.48	1,013.89	2,317.33	2,268.57	48.77	47.519		
5,400.00	5,130.77	5,106.27	5,106.16	32.09	21.98	35.13	-3,586.50	1,013.46	2,289.92	2,240.15	49.77	46.012		
5,500.00	5,224.84	5,197.34	5,197.22	32.72	22.38	35.60	-3,587.33	1,013.07	2,262.59	2,211.83	50.75	44.579		
5,600.00	5,318.91	5,298.03	5,297.91	33.36	22.81	36.14	-3,588.16	1,012.90	2,235.34	2,183.58	51.76	43.187		
5,700.00	5,412.98	5,399.94	5,399.82	33.99	23.25	36.69	-3,588.67	1,012.89	2,207.96	2,155.19	52.77	41.841		
5,800.00	5,507.06	5,504.54	5,504.41	34.63	23.69	37.28	-3,588.76	1,012.71	2,180.36	2,126.58	53.78	40.542		
5,900.00	5,601.13	5,586.15	5,586.02	35.26	24.04	37.74	-3,588.89	1,012.49	2,153.01	2,098.25	54.77	39.313		
6,000.00	5,695.20	5,690.90	5,690.77	35.90	24.48	38.36	-3,589.15	1,012.39	2,125.95	2,070.17	55.78	38.113		
6,100.00	5,789.27	5,783.43	5,783.31	36.54	24.87	38.90	-3,589.09	1,012.55	2,098.77	2,041.99	56.78	36.963		
6,200.00	5,883.34	5,872.97	5,872.85	37.17	25.24	39.44	-3,589.19	1,012.86	2,071.94	2,014.16	57.79	35.855		
6,300.00	5,977.41	5,972.17	5,972.04	37.81	25.66	40.06	-3,589.36	1,013.04	2,045.38	1,986.58	58.81	34.782		
6,400.00	6,071.48	6,062.61	6,062.48	38.44	26.04	40.64	-3,589.33	1,013.11	2,018.86	1,959.04	59.82	33.747		
6,500.00	6,165.55	6,158.51	6,158.38	39.08	26.44	41.26	-3,589.55	1,013.31	1,992.79	1,931.94	60.85	32.749		
6,600.00	6,259.62	6,257.81	6,257.69	39.72	26.86	41.93	-3,589.45	1,013.49	1,966.64	1,904.75	61.88	31.780		
6,677.33	6,332.36	6,333.64	6,333.52	40.21	27.17	42.44	-3,589.27	1,013.77	1,946.47	1,883.79	62.68	31.054		
6,700.00	6,353.76	6,356.37	6,356.25	40.35	27.27	37.08	-3,589.18	1,013.83	1,940.50	1,877.59	62.91	30.845		
6,750.00	6,401.37	6,406.87	6,406.74	40.64	27.48	23.17	-3,588.92	1,013.88	1,926.94	1,863.55	63.39	30.398		
6,800.00	6,449.30	6,450.83	6,450.70	40.89	27.66	7.05	-3,588.72	1,013.92	1,912.99	1,849.16	63.83	29.972		
6,850.00	6,497.25	6,495.68	6,495.55	41.11	27.85	-9.43	-3,588.59	1,014.02	1,898.75	1,834.53	64.22	29.566		
6,900.00	6,544.95	6,543.95	6,543.83	41.29	28.05	-24.30	-3,588.49	1,014.12	1,884.27	1,819.69	64.58	29.176		
6,950.00	6,592.08	6,592.05	6,591.92	41.45	28.25	-36.66	-3,588.36	1,014.15	1,869.61	1,804.70	64.92	28.800		
7,000.00	6,638.35	6,644.61	6,644.48	41.58	28.46	-46.68	-3,588.11	1,014.13	1,854.86	1,789.63	65.23	28.436		
7,050.00	6,683.50	6,696.81	6,696.68	41.70	28.68	-54.83	-3,587.67	1,014.13	1,840.09	1,774.57	65.52	28.084		
7,100.00	6,727.22	6,742.23	6,742.10	41.81	28.87	-61.52	-3,587.17	1,014.15	1,825.55	1,759.76	65.80	27.745		
7,150.00	6,769.26	6,785.53	6,785.39	41.92	29.05	-67.16	-3,586.65	1,014.19	1,811.55	1,745.48	66.06	27.421		
7,200.00	6,809.36	6,825.35	6,825.21	42.03	29.22	-71.96	-3,586.17	1,014.26	1,798.31	1,731.99	66.32	27.114		
7,250.00	6,847.27	6,938.83	6,861.02	42.15	29.69	-76.08	-3,585.73	1,014.37	1,786.11	1,719.21	66.90	26.697		
7,300.00	6,882.75	6,903.75	6,896.10	42.27	29.54	-79.67	-3,585.35	1,014.66	1,775.23	1,708.37	66.86	26.551		
7,350.00	6,915.58	6,928.67	6,928.52	42.41	29.65	-82.77	-3,585.00	1,014.94	1,765.87	1,698.79	67.08	26.324		
7,400.00	6,945.57	6,958.24	6,958.08	42.57	29.77	-85.40	-3,584.67	1,015.19	1,758.27	1,690.93	67.34	26.110		
7,450.00	6,972.53	6,984.76	6,984.60	42.75	29.88	-87.59	-3,584.38	1,015.41	1,752.65	1,685.04	67.61	25.924		
7,500.00	6,996.30	7,008.08	7,007.92	42.95	29.98	-89.34	-3,584.13	1,015.61	1,749.20	1,681.31	67.88	25.768		
7,547.91	7,015.93	7,027.28	7,027.13	43.16	30.06	-90.61	-3,583.92	1,015.77	1,748.08	1,679.92	68.16	25.646 CC		
7,550.00	7,016.72	7,028.05	7,027.89	43.17	30.06	-90.65	-3,583.91	1,015.78	1,748.08	1,679.91	68.17	25.641 ES		
7,600.00	7,033.66	7,044.55	7,044.39	43.43	30.13	-91.53	-3,583.73	1,015.92	1,749.44	1,680.96	68.48	25.547		
7,650.00	7,047.04	7,057.48	7,057.32	43.72	30.19	-91.97	-3,583.59	1,016.03	1,753.34	1,684.54	68.80	25.484		
7,700.00	7,056.76	7,066.75	7,066.59	44.05	30.22	-91.97	-3,583.49	1,016.11	1,759.84	1,690.70	69.14	25.455 SF		
7,750.00	7,062.76	7,072.32	7,072.15	44.41	30.25	-91.52	-3,583.43	1,016.15	1,768.91	1,699.43	69.48	25.459		
7,799.36	7,065.00	7,074.14	7,073.97	44.81	30.26	-90.62	-3,583.41	1,016.17	1,780.34	1,710.51	69.83	25.497		
7,900.00	7,065.83	7,074.12	7,073.96	45.73	30.26	-90.62	-3,583.41	1,016.17	1,808.70	1,738.11	70.59	25.623		
8,000.00	7,066.66	7,074.10	7,073.94	46.83	30.26	-90.62	-3,583.41	1,016.17	1,841.90	1,770.47	71.43	25.786		
8,100.00	7,067.49	7,074.09	7,073.92	48.11	30.26	-90.62	-3,583.41	1,016.17	1,879.84	1,807.51	72.33	25.990		
8,200.00	7,068.31	7,074.07	7,073.90	49.55	30.26	-90.62	-3,583.41	1,016.17	1,922.24	1,848.98	73.26	26.239		
8,300.00	7,069.14	7,074.05	7,073.89	51.14	30.26	-90.62	-3,583.41	1,016.17	1,968.81	1,894.61	74.20	26.534		
8,400.00	7,069.96	7,074.03	7,073.87	52.86	30.26	-90.62	-3,583.41	1,016.17	2,019.26	1,944.13	75.13	26.877		
8,500.00	7,070.79	7,074.02	7,073.85	54.70	30.25	-90.62	-3,583.41	1,016.17	2,073.31	1,997.27	76.04	27.267		
8,600.00	7,071.61	7,074.00	7,073.84	56.64	30.25	-90.62	-3,583.41	1,016.17	2,130.68	2,053.77	76.91	27.702		
8,700.00	7,072.44	7,073.98	7,073.82	58.68	30.25	-90.62	-3,583.41	1,016.17	2,191.12	2,113.37	77.75	28.181		
8,800.00	7,073.27	7,073.96	7,073.80	60.78	30.25	-90.62	-3,583.41	1,016.17	2,254.38	2,175.83	78.55	28.701		
8,900.00	7,074.09	7,073.95	7,073.78	62.96	30.25	-90.62	-3,583.41	1,016.17	2,320.22	2,240.92	79.30	29.260		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	7,073.93	7,073.77	65.19	30.25	-90.62	-3,583.41	1,016.17	2,388.43	2,308.43	80.00	29.854		
9,100.00	7,075.74	7,073.91	7,073.75	67.48	30.25	-90.62	-3,583.41	1,016.17	2,458.82	2,378.16	80.66	30.482		
9,200.00	7,076.57	7,073.89	7,073.73	69.82	30.25	-90.62	-3,583.41	1,016.17	2,531.21	2,449.93	81.28	31.141		
9,300.00	7,077.40	7,073.88	7,073.71	72.19	30.25	-90.61	-3,583.41	1,016.17	2,605.42	2,523.56	81.86	31.829		
9,400.00	7,078.22	7,073.86	7,073.70	74.61	30.25	-90.61	-3,583.41	1,016.17	2,681.31	2,598.92	82.39	32.542		
9,500.00	7,079.05	7,073.84	7,073.68	77.05	30.25	-90.61	-3,583.41	1,016.17	2,758.74	2,675.84	82.89	33.280		
9,600.00	7,079.87	7,073.83	7,073.66	79.53	30.25	-90.61	-3,583.41	1,016.17	2,837.57	2,754.21	83.36	34.040		
9,700.00	7,080.70	7,073.81	7,073.64	82.03	30.25	-90.61	-3,583.41	1,016.17	2,917.71	2,833.92	83.79	34.820		
9,800.00	7,081.53	7,073.79	7,073.63	84.55	30.25	-90.61	-3,583.41	1,016.17	2,999.04	2,914.84	84.20	35.619		
9,900.00	7,082.35	7,073.77	7,073.61	87.10	30.25	-90.61	-3,583.41	1,016.17	3,081.47	2,996.89	84.57	36.435		
10,000.00	7,083.18	7,073.76	7,073.59	89.67	30.25	-90.61	-3,583.41	1,016.17	3,164.91	3,079.98	84.93	37.267		
10,100.00	7,084.00	7,073.74	7,073.57	92.25	30.25	-90.61	-3,583.41	1,016.17	3,249.28	3,164.03	85.25	38.113		
10,200.00	7,084.83	7,073.72	7,073.56	94.86	30.25	-90.61	-3,583.41	1,016.17	3,334.52	3,248.96	85.56	38.973		
10,300.00	7,085.65	7,073.70	7,073.54	97.47	30.25	-90.61	-3,583.41	1,016.17	3,420.56	3,334.71	85.85	39.844		
10,400.00	7,086.48	7,073.69	7,073.52	100.10	30.25	-90.61	-3,583.41	1,016.16	3,507.34	3,421.22	86.12	40.727		
10,500.00	7,087.31	7,073.67	7,073.50	102.75	30.25	-90.61	-3,583.41	1,016.16	3,594.81	3,508.44	86.37	41.621		
10,600.00	7,088.13	7,073.65	7,073.49	105.40	30.25	-90.61	-3,583.41	1,016.16	3,682.91	3,596.31	86.61	42.524		
10,700.00	7,088.96	7,073.63	7,073.47	108.07	30.25	-90.61	-3,583.41	1,016.16	3,771.61	3,684.78	86.83	43.436		
10,800.00	7,089.78	7,073.62	7,073.45	110.75	30.25	-90.61	-3,583.41	1,016.16	3,860.86	3,773.82	87.04	44.356		
10,900.00	7,090.61	7,073.60	7,073.44	113.43	30.25	-90.61	-3,583.41	1,016.16	3,950.63	3,863.39	87.24	45.284		
11,000.00	7,091.44	7,073.58	7,073.42	116.13	30.25	-90.61	-3,583.42	1,016.16	4,040.87	3,953.44	87.43	46.219		
11,100.00	7,092.26	7,073.56	7,073.40	118.83	30.25	-90.60	-3,583.42	1,016.16	4,131.57	4,043.96	87.61	47.160		
11,200.00	7,093.09	7,073.55	7,073.38	121.54	30.25	-90.60	-3,583.42	1,016.16	4,222.68	4,134.91	87.78	48.107		
11,300.00	7,093.91	7,073.53	7,073.37	124.25	30.25	-90.60	-3,583.42	1,016.16	4,314.19	4,226.25	87.94	49.060		
11,400.00	7,094.74	7,073.51	7,073.35	126.98	30.25	-90.60	-3,583.42	1,016.16	4,406.07	4,317.98	88.09	50.017		
11,500.00	7,095.57	7,073.49	7,073.33	129.70	30.25	-90.60	-3,583.42	1,016.16	4,498.30	4,410.06	88.24	50.980		
11,600.00	7,096.39	7,073.48	7,073.31	132.44	30.25	-90.60	-3,583.42	1,016.16	4,590.85	4,502.47	88.38	51.946		
11,700.00	7,097.22	7,073.46	7,073.30	135.18	30.25	-90.60	-3,583.42	1,016.16	4,683.70	4,595.19	88.51	52.917		
11,800.00	7,098.04	7,073.44	7,073.28	137.92	30.25	-90.60	-3,583.42	1,016.16	4,776.85	4,688.21	88.64	53.892		
11,900.00	7,098.87	7,073.42	7,073.26	140.67	30.25	-90.60	-3,583.42	1,016.16	4,870.26	4,781.50	88.76	54.870		
12,000.00	7,099.69	7,073.41	7,073.24	143.43	30.25	-90.60	-3,583.42	1,016.16	4,963.94	4,875.06	88.88	55.851		
12,100.00	7,100.52	7,073.39	7,073.23	146.19	30.25	-90.60	-3,583.42	1,016.16	5,057.85	4,968.86	88.99	56.835		
12,200.00	7,101.35	7,073.37	7,073.21	148.95	30.25	-90.60	-3,583.42	1,016.16	5,152.00	5,062.90	89.10	57.822		
12,300.00	7,102.17	7,073.36	7,073.19	151.71	30.25	-90.60	-3,583.42	1,016.16	5,246.36	5,157.15	89.21	58.811		
12,400.00	7,103.00	7,073.34	7,073.17	154.48	30.25	-90.60	-3,583.42	1,016.16	5,340.93	5,251.62	89.31	59.802		
12,500.00	7,103.82	7,073.32	7,073.16	157.26	30.25	-90.60	-3,583.42	1,016.16	5,435.69	5,346.28	89.41	60.796		
12,600.00	7,104.65	7,073.30	7,073.14	160.03	30.25	-90.60	-3,583.42	1,016.16	5,530.63	5,441.13	89.50	61.791		
12,700.00	7,105.48	7,073.29	7,073.12	162.81	30.25	-90.60	-3,583.42	1,016.16	5,625.75	5,536.15	89.60	62.789		
12,800.00	7,106.30	7,073.27	7,073.10	165.59	30.25	-90.59	-3,583.42	1,016.16	5,721.04	5,631.35	89.69	63.787		
12,900.00	7,107.13	7,073.25	7,073.09	168.38	30.25	-90.59	-3,583.42	1,016.16	5,816.48	5,726.71	89.78	64.788		
13,000.00	7,107.95	7,073.23	7,073.07	171.16	30.25	-90.59	-3,583.42	1,016.16	5,912.08	5,822.22	89.86	65.789		
13,100.00	7,108.78	7,073.22	7,073.05	173.95	30.25	-90.59	-3,583.42	1,016.16	6,007.82	5,917.87	89.95	66.792		
13,200.00	7,109.61	7,073.20	7,073.03	176.74	30.25	-90.59	-3,583.42	1,016.16	6,103.70	6,013.66	90.03	67.796		
13,300.00	7,110.43	7,073.18	7,073.02	179.54	30.25	-90.59	-3,583.42	1,016.16	6,199.70	6,109.59	90.11	68.800		
13,368.87	7,111.00	7,073.17	7,073.01	181.46	30.25	-90.59	-3,583.42	1,016.16	6,265.89	6,175.72	90.17	69.493		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	137.23	-1,065.94	985.90	1,452.42					
100.00	100.00	69.21	69.21	3.28	3.28	137.24	-1,065.88	985.78	1,451.86	1,445.29	6.57	221.047		
200.00	200.00	173.50	173.50	3.34	3.32	137.24	-1,065.59	985.26	1,451.32	1,444.66	6.66	217.920		
300.00	299.98	271.49	271.49	3.44	3.42	-7.12	-1,065.24	984.74	1,448.96	1,442.10	6.86	211.347		
400.00	399.84	373.71	373.71	3.59	3.56	-7.15	-1,064.92	984.27	1,443.22	1,436.07	7.16	201.666		
500.00	499.45	475.89	475.88	3.79	3.76	-7.21	-1,064.41	983.62	1,433.79	1,426.23	7.55	189.883		
600.00	598.70	575.05	575.04	4.04	3.98	-7.31	-1,063.83	982.96	1,420.82	1,412.80	8.02	177.198		
700.00	697.47	675.10	675.08	4.32	4.24	-7.42	-1,063.29	982.22	1,404.41	1,395.86	8.55	164.165		
800.00	795.62	775.24	775.21	4.65	4.52	-7.57	-1,062.74	981.27	1,384.46	1,375.31	9.15	151.334		
900.00	893.06	871.85	871.82	5.01	4.82	-7.74	-1,062.20	980.25	1,361.06	1,351.28	9.78	139.190		
1,000.00	989.64	968.97	968.93	5.41	5.13	-7.95	-1,061.67	979.27	1,334.35	1,323.90	10.45	127.695		
1,100.00	1,085.27	1,064.00	1,063.95	5.85	5.45	-8.20	-1,061.20	978.15	1,304.27	1,293.12	11.15	117.002		
1,191.50	1,171.82	1,149.24	1,149.19	6.29	5.75	-8.46	-1,060.80	977.24	1,273.95	1,262.14	11.81	107.904		
1,200.00	1,179.82	1,157.13	1,157.07	6.34	5.77	-8.48	-1,060.75	977.16	1,271.01	1,259.14	11.87	107.043		
1,300.00	1,273.89	1,252.08	1,252.02	6.85	6.11	-8.70	-1,060.17	976.32	1,236.44	1,223.83	12.61	98.050		
1,400.00	1,367.96	1,346.71	1,346.65	7.38	6.46	-8.94	-1,059.48	975.37	1,201.71	1,188.35	13.37	89.900		
1,500.00	1,462.03	1,439.57	1,439.50	7.93	6.81	-9.18	-1,058.90	974.39	1,167.05	1,152.92	14.14	82.551		
1,600.00	1,556.10	1,532.41	1,532.34	8.49	7.16	-9.44	-1,058.26	973.55	1,132.46	1,117.54	14.92	75.886		
1,700.00	1,650.17	1,624.83	1,624.75	9.06	7.51	-9.72	-1,057.65	972.83	1,098.01	1,082.28	15.72	69.839		
1,800.00	1,744.24	1,718.63	1,718.55	9.65	7.88	-10.01	-1,057.28	971.94	1,063.64	1,047.10	16.54	64.324		
1,900.00	1,838.31	1,812.91	1,812.82	10.23	8.25	-10.31	-1,056.86	970.97	1,029.19	1,011.83	17.36	59.284		
2,000.00	1,932.38	1,899.24	1,899.15	10.83	8.59	-10.62	-1,056.59	970.44	995.16	976.98	18.18	54.742		
2,100.00	2,026.45	1,990.47	1,990.37	11.43	8.95	-10.96	-1,056.74	970.13	961.64	942.63	19.02	50.572		
2,200.00	2,120.52	2,082.87	2,082.77	12.03	9.32	-11.31	-1,057.27	969.75	928.38	908.52	19.86	46.745		
2,300.00	2,214.59	2,175.96	2,175.86	12.63	9.69	-11.69	-1,057.93	969.45	895.30	874.59	20.71	43.223		
2,400.00	2,308.66	2,270.93	2,270.82	13.24	10.07	-12.10	-1,058.59	969.21	862.30	840.72	21.58	39.967		
2,500.00	2,402.73	2,365.55	2,365.45	13.86	10.45	-12.53	-1,059.35	968.72	829.23	806.78	22.44	36.949		
2,600.00	2,496.80	2,458.79	2,458.68	14.47	10.83	-12.99	-1,060.10	968.27	796.22	772.91	23.31	34.151		
2,700.00	2,590.87	2,552.51	2,552.39	15.09	11.21	-13.49	-1,060.85	968.01	763.41	739.22	24.19	31.554		
2,800.00	2,684.95	2,646.39	2,646.27	15.71	11.60	-14.05	-1,061.59	967.76	730.66	705.58	25.08	29.136		
2,900.00	2,779.02	2,740.38	2,740.25	16.33	11.98	-14.65	-1,062.45	967.53	698.07	672.10	25.97	26.882		
3,000.00	2,873.09	2,834.38	2,834.26	16.95	12.37	-15.33	-1,063.14	967.40	665.52	638.66	26.87	24.773		
3,100.00	2,967.16	2,927.72	2,927.59	17.57	12.75	-16.07	-1,063.94	967.38	633.23	605.46	27.77	22.802		
3,200.00	3,061.23	3,022.57	3,022.44	18.20	13.15	-16.91	-1,064.76	967.35	601.04	572.36	28.68	20.956		
3,300.00	3,155.30	3,117.66	3,117.53	18.82	13.54	-17.82	-1,065.60	967.17	568.87	539.27	29.60	19.220		
3,400.00	3,249.37	3,212.85	3,212.71	19.45	13.93	-18.86	-1,066.25	966.91	536.67	506.14	30.52	17.581		
3,500.00	3,343.44	3,306.42	3,306.28	20.07	14.32	-20.02	-1,066.86	966.68	504.64	473.17	31.47	16.036		
3,600.00	3,437.51	3,398.77	3,398.63	20.70	14.71	-21.28	-1,067.78	966.52	473.08	440.64	32.43	14.586		
3,700.00	3,531.58	3,488.63	3,488.46	21.33	15.08	-22.60	-1,069.47	966.60	442.41	408.98	33.43	13.235		
3,800.00	3,625.65	3,580.62	3,580.42	21.96	15.47	-24.05	-1,072.10	967.06	412.84	378.41	34.43	11.991		
3,900.00	3,719.72	3,675.02	3,674.77	22.59	15.87	-25.74	-1,075.16	967.81	384.00	348.56	35.44	10.834		
4,000.00	3,813.79	3,770.36	3,770.06	23.22	16.27	-27.73	-1,078.21	968.60	355.53	319.05	36.48	9.746		
4,100.00	3,907.86	3,866.31	3,865.96	23.85	16.67	-30.09	-1,081.12	969.29	327.38	289.83	37.54	8.720		
4,200.00	4,001.93	3,961.86	3,961.47	24.48	17.07	-32.89	-1,083.77	969.80	299.56	260.90	38.66	7.749		
4,300.00	4,096.00	4,056.92	4,056.50	25.11	17.47	-36.23	-1,086.38	970.19	272.42	232.58	39.84	6.838		
4,400.00	4,190.07	4,152.11	4,151.65	25.75	17.87	-40.33	-1,088.77	970.59	246.32	205.22	41.10	5.993		
4,500.00	4,284.14	4,247.05	4,246.56	26.38	18.27	-45.36	-1,090.95	970.87	221.53	179.07	42.46	5.217		
4,600.00	4,378.21	4,341.85	4,341.35	27.01	18.67	-51.57	-1,092.95	971.19	198.86	154.92	43.94	4.525		
4,700.00	4,472.28	4,436.98	4,436.45	27.65	19.07	-59.26	-1,094.76	971.34	178.95	133.43	45.53	3.931		
4,800.00	4,566.35	4,531.94	4,531.40	28.28	19.47	-68.57	-1,096.45	971.20	162.84	115.69	47.15	3.454		
4,900.00	4,660.42	4,626.51	4,625.96	28.91	19.87	-79.33	-1,098.20	970.92	151.97	103.33	48.64	3.124		
5,000.00	4,754.49	4,720.65	4,720.08	29.55	20.27	-91.06	-1,099.85	970.72	147.80	98.00	49.80	2.968		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,006.16	4,760.28	4,726.42	4,725.85	29.59	20.29	-91.80	-1,099.94	970.71	147.78	97.93	49.85	2.964	CC, ES, SF	
5,100.00	4,848.56	4,814.48	4,813.90	30.18	20.66	-102.84	-1,101.24	970.74	151.13	100.66	50.47	2.995		
5,200.00	4,942.63	4,908.39	4,907.80	30.82	21.06	-113.66	-1,102.42	971.13	161.55	110.79	50.76	3.183		
5,300.00	5,036.70	5,002.29	5,001.70	31.45	21.46	-123.03	-1,103.28	971.53	177.80	126.90	50.89	3.493		
5,400.00	5,130.77	5,097.14	5,096.54	32.09	21.86	-130.96	-1,104.03	971.58	198.30	147.22	51.07	3.883		
5,500.00	5,224.84	5,190.38	5,189.79	32.72	22.25	-137.33	-1,104.64	971.49	222.02	170.71	51.31	4.327		
5,600.00	5,318.91	5,284.07	5,283.47	33.36	22.65	-142.51	-1,104.93	971.45	248.34	196.65	51.69	4.804		
5,700.00	5,412.98	5,378.27	5,377.67	33.99	23.05	-146.78	-1,105.15	971.21	276.35	224.16	52.19	5.295		
5,800.00	5,507.06	5,470.98	5,470.38	34.63	23.44	-150.28	-1,105.28	970.62	305.69	252.96	52.73	5.798		
5,900.00	5,601.13	5,563.46	5,562.85	35.26	23.83	-153.21	-1,104.96	969.79	336.43	283.10	53.33	6.309		
6,000.00	5,695.20	5,655.96	5,655.35	35.90	24.22	-155.64	-1,104.32	968.99	368.19	314.20	53.99	6.820		
6,100.00	5,789.27	5,749.25	5,748.63	36.54	24.62	-157.71	-1,103.41	968.13	400.74	346.03	54.71	7.325		
6,200.00	5,883.34	5,843.15	5,842.52	37.17	25.01	-159.46	-1,102.51	967.47	433.63	378.14	55.49	7.815		
6,300.00	5,977.41	5,936.94	5,936.30	37.81	25.41	-160.95	-1,101.59	966.89	466.84	410.55	56.28	8.294		
6,400.00	6,071.48	6,029.21	6,028.57	38.44	25.80	-162.23	-1,100.72	966.29	500.25	443.19	57.06	8.767		
6,500.00	6,165.55	6,117.71	6,117.05	39.08	26.18	-163.28	-1,099.11	965.71	534.64	476.88	57.77	9.255		
6,600.00	6,259.62	6,209.20	6,208.52	39.72	26.56	-164.24	-1,096.98	964.97	569.70	511.14	58.56	9.729		
6,677.33	6,332.36	6,277.48	6,276.76	40.21	26.85	-164.87	-1,095.04	964.37	597.25	538.13	59.12	10.102		
6,700.00	6,353.76	6,297.51	6,296.79	40.35	26.94	-170.70	-1,094.38	964.20	605.30	546.02	59.29	10.210		
6,750.00	6,401.37	6,345.87	6,345.12	40.64	27.14	-174.88	-1,092.74	963.92	622.13	562.38	59.75	10.413		
6,800.00	6,449.30	6,394.86	6,394.08	40.89	27.35	-158.97	-1,091.09	963.91	637.50	577.27	60.23	10.585		
6,850.00	6,497.25	6,447.03	6,446.22	41.11	27.57	-143.38	-1,089.50	964.13	651.26	590.48	60.78	10.715		
6,900.00	6,544.95	6,499.47	6,498.64	41.29	27.79	-130.01	-1,088.30	964.47	663.29	601.95	61.34	10.813		
6,950.00	6,592.08	6,551.99	6,551.16	41.45	28.01	-119.73	-1,087.52	964.89	673.69	611.77	61.93	10.879		
7,000.00	6,638.35	6,603.79	6,602.95	41.58	28.23	-112.33	-1,087.20	965.33	682.59	620.07	62.52	10.918		
7,050.00	6,683.50	6,651.03	6,650.19	41.70	28.43	-107.12	-1,087.22	965.63	690.31	627.24	63.07	10.945		
7,100.00	6,727.22	6,697.28	6,696.45	41.81	28.63	-103.62	-1,087.46	965.75	697.18	633.53	63.65	10.953		
7,150.00	6,769.26	6,739.83	6,739.00	41.92	28.81	-101.28	-1,087.80	965.76	703.53	639.30	64.24	10.952		
7,200.00	6,809.36	6,780.36	6,779.53	42.03	28.98	-99.84	-1,088.16	965.71	709.73	644.86	64.87	10.941		
7,250.00	6,847.27	6,819.34	6,818.50	42.15	29.15	-99.05	-1,088.53	965.62	716.08	650.52	65.56	10.922		
7,300.00	6,882.75	6,856.52	6,855.68	42.27	29.31	-98.71	-1,088.96	965.50	722.86	656.54	66.32	10.899		
7,350.00	6,915.58	6,891.07	6,890.22	42.41	29.45	-98.63	-1,089.43	965.34	730.38	663.24	67.14	10.879		
7,400.00	6,945.57	6,921.60	6,920.76	42.57	29.58	-98.58	-1,089.89	965.18	738.97	670.98	67.99	10.869		
7,450.00	6,972.53	6,948.70	6,947.85	42.75	29.70	-98.49	-1,090.29	965.03	748.94	680.07	68.88	10.874		
7,500.00	6,996.30	6,972.64	6,971.79	42.95	29.80	-98.28	-1,090.64	964.89	760.52	690.73	69.79	10.897		
7,550.00	7,016.72	6,993.27	6,992.41	43.17	29.89	-97.87	-1,090.93	964.77	773.86	703.14	70.72	10.943		
7,600.00	7,033.66	7,010.55	7,009.69	43.43	29.96	-97.21	-1,091.18	964.66	789.06	717.43	71.63	11.016		
7,650.00	7,047.04	7,024.30	7,023.44	43.72	30.02	-96.24	-1,091.37	964.59	806.14	733.64	72.51	11.118		
7,700.00	7,056.76	7,034.35	7,033.49	44.05	30.06	-94.93	-1,091.52	964.53	825.08	751.75	73.33	11.251		
7,750.00	7,062.76	7,040.66	7,039.79	44.41	30.09	-93.24	-1,091.61	964.49	845.76	771.67	74.09	11.416		
7,799.36	7,065.00	7,043.17	7,042.31	44.81	30.10	-91.23	-1,091.65	964.48	867.72	792.97	74.75	11.608		
7,900.00	7,065.83	7,044.54	7,043.68	45.73	30.11	-91.34	-1,091.66	964.47	918.30	842.41	75.89	12.100		
8,000.00	7,066.66	7,045.89	7,045.03	46.83	30.11	-91.44	-1,091.68	964.47	976.27	899.47	76.79	12.713		
8,100.00	7,067.49	7,047.24	7,046.38	48.11	30.12	-91.54	-1,091.70	964.46	1,040.63	963.15	77.48	13.430		
8,200.00	7,068.31	7,048.59	7,047.72	49.55	30.12	-91.64	-1,091.72	964.45	1,110.28	1,032.28	78.00	14.234		
8,300.00	7,069.14	7,049.93	7,049.07	51.14	30.13	-91.74	-1,091.74	964.44	1,184.29	1,105.90	78.38	15.109		
8,400.00	7,069.96	7,051.27	7,050.40	52.86	30.13	-91.84	-1,091.76	964.44	1,261.88	1,183.22	78.66	16.043		
8,500.00	7,070.79	7,052.60	7,051.74	54.70	30.14	-91.93	-1,091.78	964.43	1,342.44	1,263.59	78.85	17.025		
8,600.00	7,071.61	7,053.93	7,053.06	56.64	30.15	-92.03	-1,091.80	964.42	1,425.46	1,346.47	78.99	18.047		
8,700.00	7,072.44	7,055.25	7,054.39	58.68	30.15	-92.13	-1,091.82	964.42	1,510.54	1,431.46	79.08	19.102		
8,800.00	7,073.27	7,056.57	7,055.71	60.78	30.16	-92.23	-1,091.84	964.41	1,597.35	1,518.21	79.13	20.185		
8,900.00	7,074.09	7,057.89	7,057.03	62.96	30.16	-92.33	-1,091.86	964.40	1,685.62	1,606.45	79.17	21.292		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	7,059.20	7,058.34	65.19	30.17	92.42	-1,091.88	964.40	1,775.13	1,695.95	79.18	22.419		
9,100.00	7,075.74	7,060.51	7,059.64	67.48	30.17	92.52	-1,091.90	964.39	1,865.71	1,786.53	79.18	23.562		
9,200.00	7,076.57	7,061.81	7,060.95	69.82	30.18	92.62	-1,091.92	964.38	1,957.20	1,878.03	79.17	24.720		
9,300.00	7,077.40	7,063.11	7,062.25	72.19	30.18	92.72	-1,091.94	964.38	2,049.49	1,970.33	79.16	25.890		
9,400.00	7,078.22	7,064.41	7,063.54	74.61	30.19	92.81	-1,091.95	964.37	2,142.47	2,063.33	79.14	27.071		
9,500.00	7,079.05	7,065.70	7,064.84	77.05	30.20	92.91	-1,091.97	964.36	2,236.06	2,156.94	79.12	28.262		
9,600.00	7,079.87	7,066.99	7,066.12	79.53	30.20	93.00	-1,091.99	964.36	2,330.18	2,251.08	79.10	29.460		
9,700.00	7,080.70	7,068.27	7,067.41	82.03	30.21	93.10	-1,092.01	964.35	2,424.76	2,345.69	79.07	30.665		
9,800.00	7,081.53	7,069.55	7,068.69	84.55	30.21	93.19	-1,092.03	964.34	2,519.77	2,440.72	79.05	31.876		
9,900.00	7,082.35	7,070.83	7,069.96	87.10	30.22	93.29	-1,092.05	964.34	2,615.15	2,536.12	79.02	33.093		
10,000.00	7,083.18	7,072.10	7,071.23	89.67	30.22	93.38	-1,092.07	964.33	2,710.86	2,631.85	79.00	34.314		
10,100.00	7,084.00	7,073.37	7,072.50	92.25	30.23	93.48	-1,092.09	964.33	2,806.86	2,727.88	78.98	35.539		
10,200.00	7,084.83	7,074.63	7,073.76	94.86	30.23	93.57	-1,092.11	964.32	2,903.14	2,824.18	78.96	36.767		
10,300.00	7,085.65	7,075.89	7,075.02	97.47	30.24	93.66	-1,092.12	964.31	2,999.66	2,920.72	78.94	37.998		
10,400.00	7,086.48	7,077.15	7,076.28	100.10	30.24	93.76	-1,092.14	964.31	3,096.40	3,017.48	78.92	39.232		
10,500.00	7,087.31	7,078.40	7,077.53	102.75	30.25	93.85	-1,092.16	964.30	3,193.34	3,114.43	78.91	40.469		
10,600.00	7,088.13	7,079.65	7,078.78	105.40	30.25	93.94	-1,092.18	964.30	3,290.47	3,211.57	78.90	41.707		
10,700.00	7,088.96	7,080.89	7,080.03	108.07	30.26	94.03	-1,092.20	964.29	3,387.76	3,308.87	78.88	42.946		
10,800.00	7,089.78	7,082.13	7,081.27	110.75	30.27	94.13	-1,092.22	964.28	3,485.20	3,406.33	78.87	44.187		
10,900.00	7,090.61	7,083.37	7,082.50	113.43	30.27	94.22	-1,092.23	964.28	3,582.78	3,503.92	78.87	45.429		
11,000.00	7,091.44	7,084.61	7,083.74	116.13	30.28	94.31	-1,092.25	964.27	3,680.50	3,601.64	78.86	46.672		
11,100.00	7,092.26	7,085.83	7,084.97	118.83	30.28	94.40	-1,092.27	964.27	3,778.33	3,699.47	78.85	47.916		
11,200.00	7,093.09	7,087.06	7,086.19	121.54	30.29	94.49	-1,092.29	964.26	3,876.27	3,797.42	78.85	49.160		
11,300.00	7,093.91	7,088.28	7,087.41	124.25	30.29	94.58	-1,092.31	964.25	3,974.32	3,895.47	78.85	50.404		
11,400.00	7,094.74	7,089.50	7,088.63	126.98	30.30	94.67	-1,092.33	964.25	4,072.45	3,993.61	78.85	51.649		
11,500.00	7,095.57	7,090.72	7,089.85	129.70	30.30	94.76	-1,092.34	964.24	4,170.68	4,091.83	78.85	52.893		
11,600.00	7,096.39	7,091.93	7,091.06	132.44	30.31	94.85	-1,092.36	964.24	4,268.99	4,190.14	78.85	54.137		
11,700.00	7,097.22	7,093.13	7,092.26	135.18	30.31	94.94	-1,092.38	964.23	4,367.38	4,288.52	78.86	55.381		
11,800.00	7,098.04	7,094.34	7,093.47	137.92	30.32	95.03	-1,092.40	964.23	4,465.83	4,386.97	78.87	56.625		
11,900.00	7,098.87	7,095.54	7,094.67	140.67	30.32	95.12	-1,092.42	964.22	4,564.36	4,485.48	78.87	57.868		
12,000.00	7,099.69	7,096.73	7,095.86	143.43	30.33	95.21	-1,092.43	964.22	4,662.94	4,584.06	78.88	59.111		
12,100.00	7,100.52	7,097.93	7,097.06	146.19	30.33	95.29	-1,092.45	964.21	4,761.59	4,682.69	78.90	60.353		
12,200.00	7,101.35	7,099.12	7,098.25	148.95	30.34	95.38	-1,092.47	964.20	4,860.29	4,781.38	78.91	61.594		
12,300.00	7,102.17	7,100.32	7,099.45	151.71	30.34	95.47	-1,092.49	964.20	4,959.04	4,880.12	78.92	62.834		
12,400.00	7,103.00	7,101.59	7,100.72	154.48	30.35	95.57	-1,092.51	964.19	5,057.84	4,978.90	78.94	64.073		
12,500.00	7,103.82	7,102.87	7,101.99	157.26	30.35	95.66	-1,092.53	964.19	5,156.69	5,077.73	78.96	65.312		
12,600.00	7,104.65	7,104.14	7,103.26	160.03	30.36	95.75	-1,092.54	964.18	5,255.58	5,176.60	78.97	66.549		
12,700.00	7,105.48	7,105.41	7,104.53	162.81	30.36	95.85	-1,092.56	964.18	5,354.51	5,275.51	78.99	67.784		
12,800.00	7,106.30	7,106.68	7,105.80	165.59	30.37	95.94	-1,092.58	964.17	5,453.48	5,374.46	79.01	69.019		
12,900.00	7,107.13	7,107.95	7,107.07	168.38	30.38	96.03	-1,092.60	964.17	5,552.48	5,473.45	79.04	70.252		
13,000.00	7,107.95	7,109.22	7,108.35	171.16	30.38	96.13	-1,092.62	964.16	5,651.52	5,572.46	79.06	71.484		
13,100.00	7,108.78	7,110.49	7,109.62	173.95	30.39	96.22	-1,092.64	964.15	5,750.60	5,671.51	79.08	72.714		
13,200.00	7,109.61	7,111.76	7,110.89	176.74	30.39	96.31	-1,092.66	964.15	5,849.70	5,770.59	79.11	73.943		
13,300.00	7,110.43	7,113.03	7,112.16	179.54	30.40	96.41	-1,092.68	964.14	5,948.84	5,869.70	79.14	75.170		
13,368.87	7,111.00	7,113.90	7,113.03	181.46	30.40	96.47	-1,092.69	964.14	6,017.12	5,937.97	79.16	76.015		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	74.64	257.58	937.46	972.91					
100.00	100.00	65.14	65.14	3.28	3.28	74.63	257.64	937.37	972.14	965.57	6.57	148.018		
200.00	200.00	167.71	167.71	3.34	3.32	74.61	257.91	936.91	971.77	965.11	6.66	146.002		
300.00	299.98	266.96	266.95	3.44	3.41	-69.88	258.11	936.34	970.67	963.82	6.85	141.713		
400.00	399.84	362.97	362.96	3.59	3.54	-70.20	258.19	936.08	968.64	961.51	7.13	135.780		
500.00	499.45	456.90	456.90	3.79	3.71	-70.71	258.22	936.32	965.98	958.48	7.50	128.744		
600.00	598.70	547.94	547.93	4.04	3.91	-71.36	258.03	937.28	962.95	955.01	7.95	121.200		
700.00	697.47	639.48	639.45	4.32	4.14	-72.18	257.70	939.20	959.91	951.45	8.46	113.480		
800.00	795.62	734.98	734.92	4.65	4.41	-73.21	257.24	941.73	956.54	947.49	9.05	105.732		
900.00	893.06	831.23	831.12	5.01	4.70	-74.44	256.57	944.56	952.72	943.02	9.70	98.246		
1,000.00	989.64	928.43	928.27	5.41	5.01	-75.89	255.86	947.60	948.63	938.22	10.41	91.148		
1,100.00	1,085.27	1,027.79	1,027.58	5.85	5.34	-77.57	254.87	950.48	944.03	932.85	11.18	84.443		
1,191.50	1,171.82	1,113.12	1,112.87	6.29	5.64	-79.19	253.90	953.02	939.91	928.00	11.91	78.890		
1,200.00	1,179.82	1,121.03	1,120.77	6.34	5.67	-79.34	253.81	953.26	939.55	927.57	11.98	78.398		
1,300.00	1,273.89	1,214.99	1,214.69	6.85	6.00	-81.15	252.94	956.19	935.99	923.16	12.83	72.935		
1,400.00	1,367.96	1,313.57	1,313.22	7.38	6.36	-83.05	251.96	959.05	933.28	919.55	13.73	67.989		
1,500.00	1,462.03	1,407.73	1,407.34	7.93	6.71	-84.90	251.24	961.51	931.51	916.88	14.63	63.683		
1,598.60	1,554.79	1,500.14	1,499.72	8.48	7.06	-86.72	250.71	963.92	930.92	915.39	15.53	59.942 CC		
1,600.00	1,556.10	1,501.51	1,501.09	8.49	7.07	-86.75	250.71	963.96	930.92	915.38	15.54	59.891		
1,700.00	1,650.17	1,599.59	1,599.14	9.06	7.44	-88.69	250.17	966.33	931.32	914.83	16.49	56.479		
1,800.00	1,744.24	1,705.30	1,704.84	9.65	7.85	-90.82	249.57	967.90	932.09	914.62	17.47	53.339 ES		
1,900.00	1,838.31	1,805.04	1,804.58	10.23	8.23	-92.84	248.82	968.44	933.21	914.76	18.44	50.598		
2,000.00	1,932.38	1,900.50	1,900.03	10.83	8.60	-94.77	247.94	968.66	935.16	915.76	19.40	48.203		
2,100.00	2,026.45	1,990.98	1,990.50	11.43	8.96	-96.61	247.27	968.89	938.41	918.07	20.34	46.135		
2,200.00	2,120.52	2,089.91	2,089.44	12.03	9.35	-98.60	246.64	969.04	942.83	921.52	21.32	44.232		
2,300.00	2,214.59	2,182.76	2,182.28	12.63	9.73	-100.46	245.90	969.00	948.16	925.90	22.26	42.585		
2,400.00	2,308.66	2,275.91	2,275.43	13.24	10.10	-102.30	245.29	969.07	954.80	931.59	23.21	41.132		
2,500.00	2,402.73	2,366.11	2,366.63	13.86	10.46	-104.07	244.87	969.24	962.76	938.61	24.15	39.874		
2,600.00	2,496.80	2,457.60	2,457.11	14.47	10.83	-105.84	244.88	969.51	972.22	947.14	25.08	38.769		
2,700.00	2,590.87	2,552.26	2,551.78	15.09	11.22	-107.64	244.98	969.82	982.85	956.83	26.02	37.772		
2,800.00	2,684.95	2,649.34	2,648.86	15.71	11.61	-109.46	244.99	969.95	994.33	967.36	26.97	36.868		
2,900.00	2,779.02	2,746.57	2,746.08	16.33	12.01	-111.24	244.79	969.79	1,006.49	978.58	27.92	36.054		
3,000.00	2,873.09	2,845.28	2,844.80	16.95	12.42	-113.02	244.42	969.31	1,019.37	990.50	28.86	35.316		
3,100.00	2,967.16	2,945.79	2,945.29	17.57	12.83	-114.78	243.35	968.75	1,032.58	1,002.76	29.82	34.630		
3,200.00	3,061.23	3,037.81	3,037.30	18.20	13.21	-116.34	242.04	968.21	1,046.37	1,015.65	30.72	34.059		
3,300.00	3,155.30	3,124.93	3,124.42	18.82	13.57	-117.79	241.43	967.90	1,061.73	1,030.14	31.59	33.606		
3,400.00	3,249.37	3,220.56	3,220.05	19.45	13.97	-119.33	240.78	967.71	1,078.00	1,045.50	32.51	33.163		
3,500.00	3,343.44	3,310.84	3,310.33	20.07	14.35	-120.73	240.20	967.88	1,095.22	1,061.84	33.38	32.807		
3,600.00	3,437.51	3,403.13	3,402.61	20.70	14.73	-122.09	239.64	968.61	1,113.42	1,079.15	34.27	32.490		
3,700.00	3,531.58	3,491.18	3,490.64	21.33	15.10	-123.33	239.21	970.05	1,132.64	1,097.52	35.13	32.246		
3,800.00	3,625.65	3,603.00	3,602.43	21.96	15.57	-124.80	237.98	972.49	1,152.11	1,115.97	36.13	31.884		
3,900.00	3,719.72	3,700.70	3,700.11	22.59	15.98	-126.07	236.21	973.79	1,171.22	1,134.17	37.05	31.614		
4,000.00	3,813.79	3,785.47	3,784.87	23.22	16.33	-127.17	235.11	974.33	1,191.15	1,153.28	37.87	31.452		
4,100.00	3,907.86	3,874.49	3,873.89	23.85	16.70	-128.31	234.58	974.79	1,212.26	1,173.55	38.72	31.310		
4,200.00	4,001.93	3,963.69	3,963.08	24.48	17.08	-129.44	234.51	974.89	1,234.28	1,194.73	39.56	31.202		
4,300.00	4,096.00	4,060.03	4,059.42	25.11	17.48	-130.61	234.61	975.21	1,257.05	1,216.60	40.45	31.079		
4,400.00	4,190.07	4,158.09	4,157.49	25.75	17.89	-131.77	234.37	975.19	1,279.91	1,238.57	41.35	30.957		
4,500.00	4,284.14	4,257.69	4,257.08	26.38	18.31	-132.91	233.93	974.89	1,303.02	1,260.76	42.25	30.838		
4,600.00	4,378.21	4,357.34	4,356.73	27.01	18.73	-134.03	233.01	974.27	1,326.08	1,282.92	43.16	30.725		
4,700.00	4,472.28	4,468.54	4,467.91	27.65	19.20	-135.24	231.31	973.48	1,349.05	1,304.91	44.15	30.559		
4,800.00	4,566.35	4,595.64	4,594.92	28.28	19.74	-136.58	226.94	971.90	1,370.56	1,325.34	45.23	30.304		
4,900.00	4,660.42	4,715.92	4,715.00	28.91	20.25	-137.80	220.26	969.90	1,390.44	1,344.19	46.25	30.063		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,807.84	4,806.74	29.55	20.64	-138.69	214.53	968.85	1,410.09	1,362.98	47.11	29.932		
5,100.00	4,848.56	4,898.02	4,896.75	30.18	21.03	-139.53	209.04	968.25	1,430.28	1,382.32	47.96	29.823		
5,200.00	4,942.63	4,985.23	4,983.81	30.82	21.40	-140.32	204.12	967.59	1,451.23	1,402.44	48.78	29.747		
5,300.00	5,036.70	5,064.05	5,062.54	31.45	21.73	-141.02	200.30	966.80	1,473.26	1,423.71	49.55	29.733		
5,400.00	5,130.77	5,143.89	5,142.32	32.09	22.07	-141.72	197.37	966.08	1,496.70	1,446.39	50.31	29.747		
5,500.00	5,224.84	5,224.00	5,222.39	32.72	22.41	-142.41	195.13	965.22	1,521.30	1,470.22	51.07	29.787		
5,600.00	5,318.91	5,300.00	5,298.38	33.36	22.73	-143.04	193.89	964.28	1,547.26	1,495.47	51.79	29.876		
5,700.00	5,412.98	5,386.55	5,384.92	33.99	23.10	-143.76	193.19	963.00	1,574.29	1,521.70	52.59	29.938		
5,800.00	5,507.06	5,464.59	5,462.94	34.63	23.42	-144.40	193.07	961.61	1,602.22	1,548.92	53.30	30.058		
5,900.00	5,601.13	5,542.12	5,540.45	35.26	23.75	-145.02	193.77	960.01	1,631.40	1,577.39	54.01	30.205		
6,000.00	5,695.20	5,630.16	5,628.46	35.90	24.12	-145.70	195.30	958.12	1,661.62	1,606.81	54.81	30.316		
6,100.00	5,789.27	5,751.24	5,749.51	36.54	24.63	-146.59	196.45	955.93	1,691.36	1,635.46	55.90	30.254		
6,200.00	5,883.34	5,864.37	5,862.62	37.17	25.11	-147.39	195.69	954.11	1,719.74	1,662.82	56.93	30.210		
6,300.00	5,977.41	5,963.91	5,962.15	37.81	25.53	-148.04	194.48	953.21	1,747.81	1,689.97	57.83	30.221		
6,400.00	6,071.48	6,054.41	6,052.64	38.44	25.91	-148.62	193.30	952.38	1,775.97	1,717.31	58.67	30.272		
6,500.00	6,165.55	6,144.27	6,142.50	39.08	26.29	-149.17	192.48	951.76	1,804.66	1,745.16	59.50	30.332		
6,600.00	6,259.62	6,239.74	6,237.96	39.72	26.70	-149.74	191.65	951.07	1,833.56	1,773.18	60.37	30.370		
6,677.33	6,332.36	6,314.23	6,312.44	40.21	27.01	-150.17	190.89	950.43	1,855.92	1,794.87	61.06	30.396		
6,700.00	6,353.76	6,335.01	6,333.22	40.35	27.10	-155.85	190.68	950.24	1,862.47	1,801.22	61.25	30.409		
6,750.00	6,401.37	6,381.24	6,379.44	40.64	27.30	-170.22	190.24	949.85	1,876.68	1,815.01	61.66	30.434		
6,800.00	6,449.30	6,429.53	6,427.73	40.89	27.50	173.55	189.80	949.48	1,890.49	1,828.40	62.09	30.448		
6,850.00	6,497.25	6,479.08	6,477.27	41.11	27.71	157.30	189.33	949.15	1,903.74	1,841.22	62.52	30.450		
6,900.00	6,544.95	6,526.30	6,524.50	41.29	27.91	142.97	188.87	948.87	1,916.40	1,853.47	62.93	30.452		
6,950.00	6,592.08	6,571.45	6,569.65	41.45	28.11	131.45	188.47	948.63	1,928.48	1,865.15	63.33	30.450		
7,000.00	6,638.35	6,617.04	6,615.23	41.58	28.30	122.63	188.12	948.40	1,939.98	1,876.23	63.75	30.431		
7,050.00	6,683.50	6,663.81	6,662.00	41.70	28.50	115.97	187.73	948.10	1,950.84	1,886.64	64.20	30.389		
7,100.00	6,727.22	6,709.23	6,707.41	41.81	28.69	110.92	187.31	947.73	1,961.07	1,896.42	64.65	30.332		
7,150.00	6,769.26	6,749.31	6,747.50	41.92	28.86	107.01	186.95	947.34	1,970.78	1,905.69	65.10	30.275		
7,200.00	6,809.36	6,788.27	6,786.45	42.03	29.03	103.99	186.63	946.89	1,980.04	1,914.48	65.56	30.201		
7,250.00	6,847.27	6,826.66	6,824.83	42.15	29.19	101.65	186.33	946.39	1,988.91	1,922.85	66.06	30.106		
7,300.00	6,882.75	6,863.35	6,861.52	42.27	29.35	99.81	186.03	945.86	1,997.43	1,930.84	66.60	29.993		
7,350.00	6,915.58	6,897.48	6,895.64	42.41	29.49	98.34	185.74	945.33	2,005.70	1,938.54	67.16	29.865		
7,400.00	6,945.57	6,926.77	6,924.92	42.57	29.61	97.09	185.49	944.87	2,013.81	1,946.07	67.74	29.730		
7,450.00	6,972.53	6,952.93	6,951.08	42.75	29.73	96.04	185.29	944.50	2,021.86	1,953.52	68.35	29.582		
7,500.00	6,996.30	6,975.99	6,974.14	42.95	29.82	95.12	185.12	944.20	2,029.94	1,960.94	68.99	29.423		
7,550.00	7,016.72	6,995.81	6,993.96	43.17	29.91	94.29	184.99	943.96	2,038.09	1,968.42	69.67	29.253		
7,600.00	7,033.66	7,013.41	7,011.55	43.43	29.98	93.54	184.89	943.76	2,046.37	1,975.98	70.39	29.073		
7,650.00	7,047.04	7,027.63	7,025.78	43.72	30.04	92.81	184.79	943.61	2,054.80	1,983.67	71.13	28.889		
7,700.00	7,056.76	7,038.05	7,036.20	44.05	30.09	92.08	184.72	943.51	2,063.41	1,991.52	71.88	28.705		
7,750.00	7,062.76	7,044.63	7,042.78	44.41	30.12	91.34	184.68	943.45	2,072.19	1,999.54	72.65	28.525		
7,799.36	7,065.00	7,047.35	7,045.49	44.81	30.13	90.58	184.66	943.43	2,081.01	2,007.62	73.39	28.354		
7,900.00	7,065.83	7,049.07	7,047.21	45.73	30.13	90.62	184.65	943.42	2,101.47	2,026.52	74.95	28.038		
8,000.00	7,066.66	7,050.76	7,048.90	46.83	30.14	90.67	184.64	943.40	2,126.32	2,049.78	76.54	27.780		
8,100.00	7,067.49	7,052.42	7,050.57	48.11	30.15	90.72	184.62	943.39	2,155.53	2,077.37	78.15	27.581		
8,200.00	7,068.31	7,054.07	7,052.22	49.55	30.16	90.76	184.61	943.37	2,188.91	2,109.16	79.75	27.447		
8,300.00	7,069.14	7,055.70	7,053.85	51.14	30.16	90.81	184.60	943.36	2,226.30	2,144.98	81.32	27.377		
8,400.00	7,069.96	7,057.31	7,055.46	52.86	30.17	90.86	184.59	943.35	2,267.47	2,184.63	82.84	27.372 SF		
8,500.00	7,070.79	7,058.90	7,057.05	54.70	30.18	90.90	184.58	943.33	2,312.25	2,227.94	84.30	27.428		
8,600.00	7,071.61	7,060.48	7,058.62	56.64	30.18	90.94	184.57	943.32	2,360.41	2,274.71	85.70	27.544		
8,700.00	7,072.44	7,062.03	7,060.18	58.68	30.19	90.99	184.56	943.31	2,411.75	2,324.73	87.02	27.716		
8,800.00	7,073.27	7,063.57	7,061.72	60.78	30.20	91.03	184.55	943.30	2,466.08	2,377.82	88.26	27.941		
8,900.00	7,074.09	7,065.09	7,063.24	62.96	30.20	91.07	184.53	943.29	2,523.21	2,433.78	89.43	28.215		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	7,066.60	7,064.74	65.19	30.21	91.11	184.52	943.27	2,582.94	2,492.42	90.52	28.534		
9,100.00	7,075.74	7,068.09	7,066.23	67.48	30.22	91.16	184.51	943.26	2,645.11	2,553.57	91.54	28.896		
9,200.00	7,076.57	7,069.56	7,067.70	69.82	30.22	91.20	184.50	943.25	2,709.54	2,617.06	92.48	29.297		
9,300.00	7,077.40	7,071.01	7,069.16	72.19	30.23	91.24	184.49	943.24	2,776.08	2,682.72	93.36	29.734		
9,400.00	7,078.22	7,072.45	7,070.60	74.61	30.23	91.28	184.48	943.23	2,844.57	2,750.40	94.18	30.205		
9,500.00	7,079.05	7,073.88	7,072.02	77.05	30.24	91.32	184.47	943.22	2,914.89	2,819.96	94.93	30.705		
9,600.00	7,079.87	7,075.28	7,073.43	79.53	30.25	91.36	184.46	943.21	2,986.90	2,891.27	95.63	31.234		
9,700.00	7,080.70	7,076.68	7,074.82	82.03	30.25	91.40	184.45	943.20	3,060.48	2,964.21	96.27	31.789		
9,800.00	7,081.53	7,078.05	7,076.20	84.55	30.26	91.44	184.44	943.19	3,135.53	3,038.66	96.87	32.368		
9,900.00	7,082.35	7,079.42	7,077.56	87.10	30.26	91.47	184.43	943.18	3,211.93	3,114.51	97.42	32.969		
10,000.00	7,083.18	7,080.77	7,078.91	89.67	30.27	91.51	184.42	943.17	3,289.60	3,191.67	97.94	33.590		
10,100.00	7,084.00	7,082.10	7,080.25	92.25	30.27	91.55	184.41	943.16	3,368.45	3,270.04	98.41	34.229		
10,200.00	7,084.83	7,083.42	7,081.57	94.86	30.28	91.59	184.40	943.15	3,448.39	3,349.55	98.85	34.886		
10,300.00	7,085.65	7,084.73	7,082.88	97.47	30.29	91.62	184.39	943.15	3,529.36	3,430.11	99.25	35.559		
10,400.00	7,086.48	7,086.02	7,084.17	100.10	30.29	91.66	184.38	943.14	3,611.28	3,511.65	99.63	36.247		
10,500.00	7,087.31	7,087.31	7,085.45	102.75	30.30	91.69	184.37	943.13	3,694.09	3,594.11	99.98	36.948		
10,600.00	7,088.13	7,088.57	7,086.72	105.40	30.30	91.73	184.36	943.12	3,777.73	3,677.42	100.30	37.663		
10,700.00	7,088.96	7,089.83	7,087.97	108.07	30.31	91.76	184.35	943.11	3,862.14	3,761.54	100.61	38.389		
10,800.00	7,089.78	7,091.07	7,089.21	110.75	30.31	91.80	184.34	943.11	3,947.29	3,846.40	100.89	39.125		
10,900.00	7,090.61	7,092.30	7,090.44	113.43	30.32	91.83	184.33	943.10	4,033.12	3,931.97	101.15	39.873		
11,000.00	7,091.44	7,093.51	7,091.66	116.13	30.32	91.87	184.32	943.09	4,119.58	4,018.19	101.39	40.629		
11,100.00	7,092.26	7,094.72	7,092.86	118.83	30.33	91.90	184.31	943.08	4,206.65	4,105.03	101.62	41.394		
11,200.00	7,093.09	7,095.91	7,094.06	121.54	30.33	91.94	184.30	943.08	4,294.28	4,192.44	101.84	42.168		
11,300.00	7,093.91	7,097.09	7,095.24	124.25	30.34	91.97	184.29	943.07	4,382.44	4,280.40	102.04	42.949		
11,400.00	7,094.74	7,098.26	7,096.41	126.98	30.34	92.00	184.28	943.06	4,471.09	4,368.87	102.23	43.737		
11,500.00	7,095.57	7,099.42	7,097.56	129.70	30.35	92.03	184.28	943.06	4,560.22	4,457.81	102.40	44.532		
11,600.00	7,096.39	7,100.69	7,098.83	132.44	30.35	92.07	184.27	943.05	4,649.78	4,547.21	102.57	45.333		
11,700.00	7,097.22	7,102.07	7,100.21	135.18	30.36	92.11	184.25	943.04	4,739.77	4,637.04	102.73	46.140		
11,800.00	7,098.04	7,103.45	7,101.60	137.92	30.37	92.15	184.24	943.03	4,830.15	4,727.27	102.88	46.952		
11,900.00	7,098.87	7,104.84	7,102.98	140.67	30.37	92.18	184.23	943.03	4,920.89	4,817.88	103.02	47.768		
12,000.00	7,099.69	7,106.22	7,104.36	143.43	30.38	92.22	184.22	943.02	5,012.00	4,908.85	103.15	48.590		
12,100.00	7,100.52	7,107.60	7,105.75	146.19	30.38	92.26	184.21	943.01	5,103.43	5,000.15	103.27	49.416		
12,200.00	7,101.35	7,108.99	7,107.13	148.95	30.39	92.30	184.20	943.00	5,195.18	5,091.78	103.39	50.246		
12,300.00	7,102.17	7,110.37	7,108.51	151.71	30.40	92.34	184.19	943.00	5,287.23	5,183.72	103.51	51.080		
12,400.00	7,103.00	7,111.75	7,109.90	154.48	30.40	92.38	184.18	942.99	5,379.56	5,275.94	103.62	51.918		
12,500.00	7,103.82	7,113.14	7,111.28	157.26	30.41	92.42	184.17	942.98	5,472.16	5,368.44	103.72	52.759		
12,600.00	7,104.65	7,114.52	7,112.66	160.03	30.41	92.46	184.16	942.97	5,565.02	5,461.20	103.82	53.603		
12,700.00	7,105.48	7,115.90	7,114.05	162.81	30.42	92.49	184.15	942.96	5,658.12	5,554.20	103.91	54.450		
12,800.00	7,106.30	7,117.29	7,115.43	165.59	30.42	92.53	184.14	942.96	5,751.45	5,647.44	104.01	55.300		
12,900.00	7,107.13	7,118.67	7,116.81	168.38	30.43	92.57	184.12	942.95	5,845.00	5,740.91	104.09	56.152		
13,000.00	7,107.95	7,120.05	7,118.20	171.16	30.44	92.61	184.11	942.94	5,938.76	5,834.58	104.18	57.007		
13,100.00	7,108.78	7,121.44	7,119.58	173.95	30.44	92.65	184.10	942.93	6,032.72	5,928.46	104.26	57.864		
13,200.00	7,109.61	7,122.82	7,120.96	176.74	30.45	92.69	184.09	942.93	6,126.87	6,022.54	104.34	58.723		
13,300.00	7,110.43	7,124.20	7,122.35	179.54	30.45	92.73	184.08	942.92	6,221.21	6,116.80	104.41	59.584		
13,368.87	7,111.00	7,125.16	7,123.30	181.46	30.46	92.75	184.07	942.91	6,286.27	6,181.81	104.46	60.178		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	101.05	-310.33	1,588.80	1,619.51					
100.00	100.00	58.63	58.63	3.28	3.28	101.05	-310.24	1,588.71	1,618.73	1,612.16	6.57	246.488		
200.00	200.00	155.09	155.09	3.34	3.31	101.04	-309.83	1,588.39	1,618.33	1,611.68	6.65	243.437		
300.00	299.98	251.02	251.02	3.44	3.39	-43.38	-309.68	1,588.55	1,617.18	1,610.35	6.83	236.739		
400.00	399.84	353.41	353.41	3.59	3.53	-43.56	-309.74	1,588.55	1,613.40	1,606.28	7.12	226.631		
500.00	499.45	444.12	444.12	3.79	3.69	-43.84	-309.62	1,588.65	1,607.18	1,599.71	7.48	214.880		
600.00	598.70	527.09	527.08	4.04	3.86	-44.23	-309.03	1,589.66	1,599.44	1,591.54	7.90	202.480		
700.00	697.47	611.99	611.96	4.32	4.07	-44.73	-308.48	1,591.46	1,590.19	1,581.80	8.39	189.577		
800.00	795.62	695.70	695.63	4.65	4.30	-45.32	-308.00	1,593.99	1,579.47	1,570.54	8.93	176.836		
900.00	893.06	785.99	785.85	5.01	4.57	-46.07	-307.46	1,597.38	1,567.18	1,557.63	9.55	164.164		
1,000.00	989.64	881.87	881.65	5.41	4.87	-46.99	-306.83	1,601.26	1,552.98	1,542.75	10.23	151.838		
1,100.00	1,085.27	974.89	974.59	5.85	5.18	-48.03	-306.08	1,605.13	1,536.80	1,525.85	10.95	140.349		
1,191.50	1,171.82	1,054.34	1,053.95	6.29	5.46	-49.05	-305.56	1,608.68	1,520.59	1,508.96	11.63	130.719		
1,200.00	1,179.82	1,061.54	1,061.14	6.34	5.49	-49.12	-305.55	1,609.02	1,519.04	1,507.34	11.70	129.845		
1,300.00	1,273.89	1,150.84	1,150.33	6.85	5.81	-50.02	-305.81	1,613.46	1,501.31	1,488.82	12.49	120.225		
1,400.00	1,367.96	1,240.88	1,240.26	7.38	6.14	-50.95	-306.00	1,618.16	1,484.25	1,470.94	13.31	111.522		
1,500.00	1,462.03	1,327.32	1,326.56	7.93	6.47	-51.86	-305.98	1,623.12	1,468.13	1,453.98	14.14	103.792		
1,600.00	1,556.10	1,412.20	1,411.26	8.49	6.80	-52.79	-305.53	1,628.54	1,453.10	1,438.11	15.00	96.887		
1,700.00	1,650.17	1,493.91	1,492.75	9.06	7.13	-53.71	-305.07	1,634.44	1,439.39	1,423.53	15.86	90.762		
1,800.00	1,744.24	1,581.64	1,580.20	9.65	7.49	-54.72	-304.34	1,641.42	1,426.91	1,410.16	16.76	85.146		
1,900.00	1,838.31	1,673.12	1,671.35	10.23	7.87	-55.80	-303.19	1,649.06	1,415.39	1,397.70	17.69	80.023		
2,000.00	1,932.38	1,771.79	1,769.68	10.83	8.28	-56.95	-302.73	1,657.36	1,404.49	1,385.83	18.66	75.282		
2,100.00	2,026.45	1,871.10	1,868.65	11.43	8.70	-58.09	-303.01	1,665.40	1,393.81	1,374.17	19.64	70.968		
2,200.00	2,120.52	1,978.87	1,976.12	12.03	9.15	-59.36	-303.21	1,673.61	1,383.26	1,362.60	20.67	66.930		
2,300.00	2,214.59	2,076.44	2,073.45	12.63	9.55	-60.54	-303.17	1,680.33	1,372.60	1,350.94	21.67	63.351		
2,400.00	2,308.66	2,175.67	2,172.45	13.24	9.96	-61.77	-302.72	1,687.02	1,362.47	1,339.79	22.68	60.070		
2,500.00	2,402.73	2,277.76	2,274.34	13.86	10.38	-63.05	-302.55	1,693.48	1,352.54	1,328.83	23.72	57.033		
2,600.00	2,496.80	2,384.41	2,380.81	14.47	10.82	-64.39	-302.79	1,699.57	1,342.62	1,317.84	24.77	54.198		
2,700.00	2,590.87	2,482.81	2,479.09	15.09	11.22	-65.64	-303.16	1,704.59	1,332.72	1,306.92	25.81	51.644		
2,800.00	2,684.95	2,573.57	2,569.72	15.71	11.59	-66.82	-303.39	1,709.23	1,323.54	1,296.72	26.82	49.353		
2,900.00	2,779.02	2,660.84	2,656.86	16.33	11.95	-67.95	-303.68	1,714.14	1,315.47	1,287.64	27.82	47.282		
3,000.00	2,873.09	2,752.14	2,747.97	16.95	12.33	-69.14	-304.15	1,719.83	1,308.60	1,279.75	28.85	45.366		
3,100.00	2,967.16	2,845.05	2,840.70	17.57	12.72	-70.36	-304.66	1,725.75	1,302.51	1,272.63	29.88	43.593		
3,200.00	3,061.23	2,936.72	2,932.16	18.20	13.10	-71.55	-305.43	1,731.94	1,297.38	1,266.47	30.91	41.972		
3,300.00	3,155.30	3,029.10	3,024.30	18.82	13.50	-72.76	-306.24	1,738.41	1,293.14	1,261.19	31.95	40.477		
3,400.00	3,249.37	3,120.32	3,115.30	19.45	13.88	-73.99	-306.21	1,744.83	1,289.89	1,256.90	32.98	39.110		
3,500.00	3,343.44	3,216.23	3,210.96	20.07	14.29	-75.28	-306.22	1,751.73	1,287.49	1,253.45	34.04	37.827		
3,600.00	3,437.51	3,318.01	3,312.48	20.70	14.72	-76.64	-306.79	1,758.94	1,285.50	1,250.39	35.12	36.605		
3,700.00	3,531.58	3,419.21	3,413.46	21.33	15.15	-78.00	-307.53	1,765.61	1,283.71	1,247.51	36.20	35.463		
3,800.00	3,625.65	3,513.30	3,507.34	21.96	15.55	-79.25	-308.60	1,771.82	1,282.48	1,245.23	37.25	34.431		
3,876.91	3,698.00	3,582.68	3,576.53	22.44	15.85	-80.14	-309.85	1,776.81	1,282.16	1,244.12	38.04	33.705 CC		
3,900.00	3,719.72	3,603.62	3,597.40	22.59	15.94	-80.41	-310.33	1,778.41	1,282.19	1,243.91	38.28	33.496		
4,000.00	3,813.79	3,695.66	3,689.09	23.22	16.34	-81.53	-313.08	1,786.00	1,282.88	1,243.56	39.32	32.625		
4,100.00	3,907.86	3,805.60	3,798.50	23.85	16.82	-82.81	-318.02	1,795.53	1,283.81	1,243.35	40.45	31.735 ES		
4,200.00	4,001.93	3,896.24	3,888.68	24.48	17.21	-83.84	-322.58	1,803.36	1,284.98	1,243.48	41.49	30.968		
4,300.00	4,096.00	3,994.08	3,986.06	25.11	17.64	-84.96	-327.09	1,811.74	1,286.80	1,244.24	42.57	30.231		
4,400.00	4,190.07	4,088.63	4,080.20	25.75	18.05	-86.07	-330.96	1,819.56	1,289.17	1,245.55	43.62	29.557		
4,500.00	4,284.14	4,191.71	4,182.89	26.38	18.50	-87.30	-334.88	1,827.73	1,291.95	1,247.24	44.70	28.900		
4,600.00	4,378.21	4,278.80	4,269.66	27.01	18.88	-88.34	-337.98	1,834.48	1,295.28	1,249.57	45.71	28.338		
4,700.00	4,472.28	4,383.98	4,374.49	27.65	19.33	-89.62	-341.05	1,842.46	1,299.42	1,252.62	46.80	27.766		
4,800.00	4,566.35	4,493.05	4,483.31	28.28	19.79	-90.98	-344.10	1,849.24	1,303.14	1,255.24	47.90	27.207		
4,900.00	4,660.42	4,599.06	4,589.18	28.91	20.24	-92.36	-346.38	1,854.10	1,306.63	1,257.66	48.97	26.684		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,754.49	4,698.19	4,688.23	29.55	20.65	-93.68	-348.08	1,857.61	1,310.29	1,260.29	50.00	26.207		
5,100.00	4,848.56	4,799.72	4,789.71	30.18	21.07	-95.07	-349.44	1,860.34	1,314.29	1,263.26	51.03	25.756		
5,200.00	4,942.63	4,896.29	4,886.27	30.82	21.47	-96.41	-350.29	1,862.14	1,318.75	1,266.72	52.03	25.345		
5,300.00	5,036.70	4,990.61	4,980.57	31.45	21.86	-97.73	-350.82	1,863.55	1,323.92	1,270.91	53.01	24.973		
5,400.00	5,130.77	5,088.31	5,078.26	32.09	22.26	-99.11	-351.15	1,864.65	1,329.79	1,275.79	54.01	24.623		
5,500.00	5,224.84	5,187.47	5,177.42	32.72	22.67	-100.50	-351.73	1,865.58	1,336.17	1,281.17	54.99	24.296		
5,600.00	5,318.91	5,296.26	5,286.18	33.36	23.12	-101.96	-353.62	1,866.88	1,342.67	1,286.65	56.02	23.967		
5,700.00	5,412.98	5,388.47	5,378.36	33.99	23.50	-103.16	-355.85	1,868.01	1,349.42	1,292.45	56.97	23.687		
5,800.00	5,507.06	5,474.97	5,464.84	34.63	23.86	-104.30	-357.49	1,869.08	1,357.26	1,299.38	57.88	23.450		
5,900.00	5,601.13	5,566.35	5,556.20	35.26	24.24	-105.50	-358.63	1,870.23	1,366.28	1,307.48	58.80	23.235		
6,000.00	5,695.20	5,655.28	5,645.12	35.90	24.61	-106.66	-359.48	1,871.30	1,376.20	1,316.50	59.70	23.050		
6,100.00	5,789.27	5,744.89	5,734.71	36.54	24.98	-107.81	-360.07	1,872.80	1,387.29	1,326.69	60.60	22.892		
6,200.00	5,883.34	5,840.64	5,830.45	37.17	25.38	-109.02	-360.62	1,874.49	1,399.17	1,337.65	61.52	22.742		
6,300.00	5,977.41	5,939.02	5,928.82	37.81	25.79	-110.26	-361.21	1,875.81	1,411.46	1,349.00	62.46	22.599		
6,400.00	6,071.48	6,032.66	6,022.45	38.44	26.18	-111.44	-361.52	1,876.41	1,424.26	1,360.91	63.35	22.482		
6,500.00	6,165.55	6,124.95	6,114.75	39.08	26.57	-112.59	-361.59	1,877.07	1,437.96	1,373.73	64.23	22.388		
6,600.00	6,259.62	6,227.78	6,217.57	39.72	26.99	-113.86	-361.80	1,877.32	1,451.99	1,386.82	65.17	22.281		
6,677.33	6,332.36	6,306.11	6,295.90	40.21	27.32	-114.84	-361.99	1,876.80	1,462.93	1,397.06	65.88	22.207		
6,700.00	6,353.76	6,328.39	6,318.18	40.35	27.41	-120.33	-362.05	1,876.56	1,466.37	1,400.30	66.08	22.192		
6,750.00	6,401.37	6,378.32	6,368.11	40.64	27.62	-134.44	-362.22	1,875.97	1,475.41	1,408.90	66.51	22.184 SF		
6,800.00	6,449.30	6,429.42	6,419.21	40.89	27.84	-150.62	-362.45	1,875.27	1,486.31	1,419.39	66.92	22.209		
6,850.00	6,497.25	6,481.23	6,471.00	41.11	28.05	-167.02	-362.76	1,874.44	1,498.92	1,431.59	67.33	22.263		
6,900.00	6,544.95	6,530.32	6,520.08	41.29	28.26	178.32	-363.11	1,873.55	1,513.14	1,445.44	67.70	22.350		
6,950.00	6,592.08	6,577.46	6,567.22	41.45	28.46	166.30	-363.44	1,872.69	1,528.97	1,460.90	68.07	22.462		
7,000.00	6,638.35	6,626.04	6,615.78	41.58	28.66	156.78	-363.77	1,871.76	1,546.30	1,477.85	68.45	22.590		
7,050.00	6,683.50	6,675.66	6,665.40	41.70	28.87	149.26	-364.16	1,870.65	1,564.97	1,496.11	68.85	22.729		
7,100.00	6,727.22	6,724.85	6,714.56	41.81	29.07	143.21	-364.58	1,869.36	1,584.90	1,515.63	69.27	22.879		
7,150.00	6,769.26	6,773.35	6,763.04	41.92	29.28	138.21	-365.07	1,867.84	1,606.03	1,536.32	69.71	23.039		
7,200.00	6,809.36	6,816.86	6,806.51	42.03	29.46	133.90	-365.55	1,866.29	1,628.32	1,558.18	70.14	23.216		
7,250.00	6,847.27	6,854.15	6,843.78	42.15	29.62	130.02	-365.93	1,864.94	1,651.88	1,581.32	70.56	23.411		
7,300.00	6,882.75	6,889.20	6,878.81	42.27	29.76	126.46	-366.25	1,863.63	1,676.69	1,605.70	70.99	23.619		
7,350.00	6,915.58	6,925.56	6,915.14	42.41	29.92	123.20	-366.56	1,862.35	1,702.67	1,631.22	71.45	23.829		
7,400.00	6,945.57	6,960.95	6,950.50	42.57	30.07	120.10	-366.89	1,860.95	1,729.70	1,657.77	71.93	24.047		
7,450.00	6,972.53	6,993.30	6,982.82	42.75	30.20	117.05	-367.20	1,859.57	1,757.72	1,685.31	72.41	24.274		
7,500.00	6,996.30	7,019.47	7,008.96	42.95	30.31	113.90	-367.46	1,858.39	1,786.69	1,713.81	72.88	24.517		
7,550.00	7,016.72	7,041.68	7,031.15	43.17	30.41	110.67	-367.65	1,857.36	1,816.56	1,743.23	73.34	24.770		
7,600.00	7,033.66	7,060.65	7,050.09	43.43	30.49	107.35	-367.79	1,856.45	1,847.23	1,773.45	73.79	25.034		
7,650.00	7,047.04	7,124.00	7,065.43	43.72	30.76	103.92	-367.90	1,855.71	1,878.59	1,804.16	74.43	25.240		
7,700.00	7,056.76	7,111.78	7,077.63	44.05	30.71	100.40	-367.96	1,855.09	1,910.48	1,835.73	74.75	25.558		
7,750.00	7,062.76	7,103.24	7,086.16	44.41	30.67	96.80	-368.00	1,854.65	1,942.77	1,867.69	75.08	25.875		
7,799.36	7,065.00	7,101.55	7,090.94	44.81	30.66	93.20	-368.02	1,854.41	1,974.87	1,899.44	75.43	26.183		
7,900.00	7,065.83	7,107.58	7,096.96	45.73	30.69	93.43	-368.05	1,854.10	2,041.84	1,965.69	76.15	26.813		
8,000.00	7,066.66	7,113.42	7,102.80	46.83	30.71	93.65	-368.07	1,853.80	2,111.03	2,034.17	76.85	27.469		
8,100.00	7,067.49	7,119.36	7,108.73	48.11	30.74	93.88	-368.10	1,853.50	2,182.58	2,105.05	77.53	28.153		
8,200.00	7,068.31	7,125.29	7,114.65	49.55	30.76	94.10	-368.13	1,853.19	2,256.28	2,178.11	78.17	28.864		
8,300.00	7,069.14	7,131.22	7,120.58	51.14	30.79	94.33	-368.16	1,852.89	2,331.93	2,253.15	78.78	29.600		
8,400.00	7,069.96	7,137.16	7,126.50	52.86	30.82	94.55	-368.18	1,852.59	2,409.34	2,329.98	79.36	30.359		
8,500.00	7,070.79	7,143.09	7,132.43	54.70	30.84	94.78	-368.21	1,852.29	2,488.34	2,408.43	79.91	31.139		
8,600.00	7,071.61	7,149.03	7,138.36	56.64	30.87	95.00	-368.24	1,851.98	2,568.80	2,488.37	80.43	31.940		
8,700.00	7,072.44	7,154.96	7,144.28	58.68	30.89	95.23	-368.27	1,851.68	2,650.57	2,569.66	80.91	32.758		
8,800.00	7,073.27	7,160.89	7,150.21	60.78	30.92	95.45	-368.29	1,851.38	2,733.55	2,652.17	81.37	33.593		
8,900.00	7,074.09	7,166.83	7,156.13	62.96	30.94	95.68	-368.32	1,851.07	2,817.61	2,735.81	81.81	34.443		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,000.00	7,074.92	7,172.76	7,162.06	65.19	30.97	95.90	-368.35	1,850.77	2,902.68	2,820.46	82.21	35.306		
9,100.00	7,075.74	7,178.69	7,167.98	67.48	30.99	96.13	-368.37	1,850.47	2,988.65	2,906.06	82.60	36.183		
9,200.00	7,076.57	7,184.63	7,173.91	69.82	31.02	96.35	-368.40	1,850.16	3,075.47	2,992.51	82.96	37.071		
9,300.00	7,077.40	7,190.56	7,179.84	72.19	31.05	96.58	-368.43	1,849.86	3,163.05	3,079.75	83.30	37.970		
9,400.00	7,078.22	7,196.49	7,185.76	74.61	31.07	96.80	-368.46	1,849.56	3,251.34	3,167.71	83.63	38.879		
9,500.00	7,079.05	7,202.43	7,191.69	77.05	31.10	97.02	-368.48	1,849.25	3,340.27	3,256.34	83.93	39.797		
9,600.00	7,079.87	7,208.36	7,197.61	79.53	31.12	97.25	-368.51	1,848.95	3,429.81	3,345.59	84.22	40.723		
9,700.00	7,080.70	7,214.30	7,203.54	82.03	31.15	97.47	-368.54	1,848.65	3,519.90	3,435.40	84.50	41.656		
9,800.00	7,081.53	7,220.23	7,209.47	84.55	31.17	97.69	-368.57	1,848.34	3,610.50	3,525.74	84.76	42.596		
9,900.00	7,082.35	7,226.16	7,215.39	87.10	31.20	97.92	-368.59	1,848.04	3,701.58	3,616.57	85.01	43.543		
10,000.00	7,083.18	7,232.10	7,221.32	89.67	31.22	98.14	-368.62	1,847.74	3,793.10	3,707.85	85.25	44.495		
10,100.00	7,084.00	7,238.03	7,227.24	92.25	31.25	98.36	-368.65	1,847.43	3,885.02	3,799.55	85.48	45.452		
10,200.00	7,084.83	7,243.96	7,233.17	94.86	31.27	98.58	-368.68	1,847.13	3,977.33	3,891.64	85.69	46.414		
10,300.00	7,085.65	7,249.90	7,239.09	97.47	31.30	98.81	-368.70	1,846.83	4,069.99	3,984.09	85.90	47.381		
10,400.00	7,086.48	7,255.83	7,245.02	100.10	31.33	99.03	-368.73	1,846.52	4,162.98	4,076.88	86.10	48.351		
10,500.00	7,087.31	7,261.76	7,250.95	102.75	31.35	99.25	-368.76	1,846.22	4,256.29	4,170.00	86.29	49.325		
10,600.00	7,088.13	7,267.70	7,256.87	105.40	31.38	99.47	-368.79	1,845.92	4,349.88	4,263.40	86.47	50.303		
10,700.00	7,088.96	7,273.63	7,262.80	108.07	31.40	99.69	-368.81	1,845.61	4,443.74	4,357.09	86.65	51.283		
10,800.00	7,089.78	7,279.57	7,268.72	110.75	31.43	99.91	-368.84	1,845.31	4,537.86	4,451.04	86.82	52.267		
10,900.00	7,090.61	7,285.50	7,274.65	113.43	31.45	100.13	-368.87	1,845.01	4,632.21	4,545.23	86.99	53.252		
11,000.00	7,091.44	7,291.43	7,280.58	116.13	31.48	100.35	-368.89	1,844.70	4,726.80	4,639.65	87.15	54.240		
11,100.00	7,092.26	7,297.37	7,286.50	118.83	31.50	100.57	-368.92	1,844.40	4,821.59	4,734.29	87.30	55.230		
11,200.00	7,093.09	7,303.30	7,292.43	121.54	31.53	100.79	-368.95	1,844.10	4,916.58	4,829.13	87.45	56.222		
11,300.00	7,093.91	7,309.23	7,298.35	124.25	31.56	101.01	-368.98	1,843.80	5,011.76	4,924.16	87.59	57.216		
11,400.00	7,094.74	7,315.17	7,304.28	126.98	31.58	101.23	-369.00	1,843.49	5,107.12	5,019.38	87.74	58.210		
11,500.00	7,095.57	7,321.10	7,310.20	129.70	31.61	101.45	-369.03	1,843.19	5,202.64	5,114.77	87.87	59.206		
11,600.00	7,096.39	7,327.03	7,316.13	132.44	31.63	101.66	-369.06	1,842.89	5,298.32	5,210.32	88.01	60.204		
11,700.00	7,097.22	7,332.97	7,322.06	135.18	31.66	101.88	-369.09	1,842.58	5,394.16	5,306.02	88.14	61.202		
11,800.00	7,098.04	7,338.90	7,327.98	137.92	31.68	102.10	-369.11	1,842.28	5,490.13	5,401.87	88.26	62.201		
11,900.00	7,098.87	7,344.84	7,333.91	140.67	31.71	102.32	-369.14	1,841.98	5,586.24	5,497.85	88.39	63.200		
12,000.00	7,099.69	7,350.77	7,339.83	143.43	31.73	102.53	-369.17	1,841.67	5,682.48	5,593.97	88.51	64.201		
12,100.00	7,100.52	7,356.70	7,345.76	146.19	31.76	102.75	-369.20	1,841.37	5,778.84	5,690.21	88.63	65.201		
12,200.00	7,101.35	7,362.64	7,351.69	148.95	31.79	102.97	-369.22	1,841.07	5,875.31	5,786.57	88.75	66.202		
12,300.00	7,102.17	7,368.57	7,357.61	151.71	31.81	103.18	-369.25	1,840.76	5,971.90	5,883.04	88.86	67.203		
12,400.00	7,103.00	7,374.50	7,363.54	154.48	31.84	103.40	-369.28	1,840.46	6,068.59	5,979.61	88.98	68.204		
12,500.00	7,103.82	7,380.44	7,369.46	157.26	31.86	103.61	-369.31	1,840.16	6,165.38	6,076.29	89.09	69.206		
12,600.00	7,104.65	7,386.37	7,375.39	160.03	31.89	103.83	-369.33	1,839.85	6,262.27	6,173.07	89.20	70.207		
12,700.00	7,105.48	7,392.30	7,381.31	162.81	31.91	104.04	-369.36	1,839.55	6,359.24	6,269.94	89.31	71.208		
12,800.00	7,106.30	7,398.24	7,387.24	165.59	31.94	104.25	-369.39	1,839.25	6,456.31	6,366.89	89.41	72.209		
12,900.00	7,107.13	7,404.17	7,393.17	168.38	31.96	104.47	-369.41	1,838.94	6,553.45	6,463.93	89.52	73.209		
13,000.00	7,107.95	7,410.11	7,399.09	171.16	31.99	104.68	-369.44	1,838.64	6,650.68	6,561.06	89.62	74.209		
13,100.00	7,108.78	7,383.00	7,372.02	173.95	31.87	103.70	-369.32	1,840.03	6,748.06	6,658.44	89.62	75.295		
13,200.00	7,109.61	7,383.00	7,372.02	176.74	31.87	103.70	-369.32	1,840.03	6,845.46	6,755.76	89.70	76.312		
13,300.00	7,110.43	7,383.00	7,372.02	179.54	31.87	103.70	-369.32	1,840.03	6,942.94	6,853.15	89.79	77.328		
13,368.87	7,111.00	7,383.00	7,372.02	181.46	31.87	103.70	-369.32	1,840.03	7,010.11	6,920.27	89.84	78.028		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-162.46	-3,261.97	-1,030.77	3,421.05					
100.00	100.00	75.00	75.00	3.28	3.53	-162.46	-3,261.97	-1,030.77	3,420.96	3,414.14	6.82	501.878		
200.00	200.00	175.00	175.00	3.34	5.46	-162.46	-3,261.97	-1,030.77	3,420.96	3,412.16	8.80	388.920		
300.00	299.98	274.98	274.98	3.44	8.51	53.23	-3,261.97	-1,030.77	3,419.91	3,407.96	11.95	286.144		
400.00	399.84	374.84	374.84	3.59	11.80	53.35	-3,261.97	-1,030.77	3,416.78	3,401.38	15.40	221.918		
500.00	499.45	474.45	474.45	3.79	15.18	53.55	-3,261.97	-1,030.77	3,411.58	3,392.61	18.97	179.863		
600.00	598.70	573.70	573.70	4.04	18.57	53.83	-3,261.97	-1,030.77	3,404.32	3,381.72	22.61	150.576		
700.00	697.47	672.47	672.47	4.32	21.98	54.19	-3,261.97	-1,030.77	3,395.06	3,368.76	26.29	129.124		
800.00	795.62	770.62	770.62	4.65	25.37	54.63	-3,261.97	-1,030.77	3,383.82	3,353.81	30.00	112.776		
900.00	893.06	868.06	868.06	5.01	28.75	55.16	-3,261.97	-1,030.77	3,370.66	3,336.92	33.73	99.921		
1,000.00	989.64	964.64	964.64	5.41	32.10	55.76	-3,261.97	-1,030.77	3,355.64	3,318.16	37.47	89.553		
1,100.00	1,085.27	1,060.27	1,060.27	5.85	35.42	56.45	-3,261.97	-1,030.77	3,338.83	3,297.62	41.21	81.017		
1,191.50	1,171.82	1,146.82	1,146.82	6.29	38.43	57.15	-3,261.97	-1,030.77	3,321.95	3,277.32	44.63	74.428		
1,200.00	1,179.82	1,154.82	1,154.82	6.34	38.71	57.19	-3,261.97	-1,030.77	3,320.32	3,275.37	44.95	73.863		
1,300.00	1,273.89	1,248.89	1,248.89	6.85	41.98	57.66	-3,261.97	-1,030.77	3,301.26	3,252.56	48.70	67.787		
1,400.00	1,367.96	1,342.96	1,342.96	7.38	45.26	58.14	-3,261.97	-1,030.77	3,282.44	3,229.97	52.47	62.558		
1,500.00	1,462.03	1,437.03	1,437.03	7.93	48.53	58.63	-3,261.97	-1,030.77	3,263.87	3,207.61	56.26	58.017		
1,600.00	1,556.10	1,531.10	1,531.10	8.49	51.81	59.11	-3,261.97	-1,030.77	3,245.54	3,185.48	60.06	54.038		
1,700.00	1,650.17	1,625.17	1,625.17	9.06	55.09	59.61	-3,261.97	-1,030.77	3,227.46	3,163.59	63.88	50.527		
1,800.00	1,744.24	1,719.24	1,719.24	9.65	58.37	60.11	-3,261.97	-1,030.77	3,209.65	3,141.94	67.70	47.409		
1,900.00	1,838.31	1,813.31	1,813.31	10.23	61.64	60.61	-3,261.97	-1,030.77	3,192.09	3,120.55	71.54	44.621		
2,000.00	1,932.38	1,907.38	1,907.38	10.83	64.92	61.12	-3,261.97	-1,030.77	3,174.80	3,099.41	75.38	42.116		
2,100.00	2,026.45	2,001.45	2,001.45	11.43	68.20	61.64	-3,261.97	-1,030.77	3,157.78	3,078.54	79.23	39.853		
2,200.00	2,120.52	2,104.48	2,095.52	12.03	71.80	62.16	-3,261.97	-1,030.77	3,141.03	3,057.62	83.41	37.659		
2,300.00	2,214.59	2,189.59	2,189.59	12.63	74.77	62.68	-3,261.97	-1,030.77	3,124.56	3,037.60	86.96	35.931		
2,400.00	2,308.66	2,283.66	2,283.66	13.24	78.05	63.21	-3,261.97	-1,030.77	3,108.37	3,017.54	90.83	34.222		
2,500.00	2,402.73	2,377.73	2,377.73	13.86	81.33	63.74	-3,261.97	-1,030.77	3,092.47	2,997.77	94.71	32.653		
2,600.00	2,496.80	2,471.80	2,471.80	14.47	84.61	64.28	-3,261.97	-1,030.77	3,076.87	2,978.28	98.59	31.210		
2,700.00	2,590.87	2,565.87	2,565.87	15.09	87.89	64.83	-3,261.97	-1,030.77	3,061.55	2,959.08	102.47	29.877		
2,800.00	2,684.95	2,659.95	2,659.95	15.71	91.17	65.38	-3,261.97	-1,030.77	3,046.54	2,940.18	106.36	28.643		
2,900.00	2,779.02	2,754.02	2,754.02	16.33	94.45	65.93	-3,261.97	-1,030.77	3,031.84	2,921.59	110.25	27.498		
3,000.00	2,873.09	2,848.09	2,848.09	16.95	97.74	66.49	-3,261.97	-1,030.77	3,017.45	2,903.29	114.15	26.434		
3,100.00	2,967.16	2,942.16	2,942.16	17.57	101.02	67.05	-3,261.97	-1,030.77	3,003.36	2,885.31	118.05	25.441		
3,200.00	3,061.23	3,036.23	3,036.23	18.20	104.30	67.62	-3,261.97	-1,030.77	2,989.60	2,867.65	121.96	24.514		
3,300.00	3,155.30	3,130.30	3,130.30	18.82	107.58	68.20	-3,261.97	-1,030.77	2,976.16	2,850.30	125.86	23.646		
3,400.00	3,249.37	3,224.37	3,224.37	19.45	110.87	68.77	-3,261.97	-1,030.77	2,963.05	2,833.28	129.77	22.832		
3,500.00	3,343.44	3,318.44	3,318.44	20.07	114.15	69.36	-3,261.97	-1,030.77	2,950.27	2,816.59	133.69	22.069		
3,600.00	3,437.51	3,412.51	3,412.51	20.70	117.43	69.94	-3,261.97	-1,030.77	2,937.83	2,800.23	137.60	21.350		
3,700.00	3,531.58	3,506.58	3,506.58	21.33	120.71	70.53	-3,261.97	-1,030.77	2,925.73	2,784.20	141.52	20.674		
3,800.00	3,625.65	3,600.65	3,600.65	21.96	124.00	71.13	-3,261.97	-1,030.77	2,913.97	2,768.53	145.44	20.035		
3,900.00	3,719.72	3,705.28	3,694.72	22.59	127.65	71.73	-3,261.97	-1,030.77	2,902.56	2,752.82	149.73	19.385		
4,000.00	3,813.79	3,788.79	3,788.79	23.22	130.56	72.33	-3,261.97	-1,030.77	2,891.50	2,738.21	153.29	18.863		
4,100.00	3,907.86	3,882.86	3,882.86	23.85	133.85	72.94	-3,261.97	-1,030.77	2,880.80	2,723.59	157.22	18.324		
4,200.00	4,001.93	3,976.93	3,976.93	24.48	137.13	73.55	-3,261.97	-1,030.77	2,870.46	2,709.32	161.14	17.813		
4,300.00	4,096.00	4,071.00	4,071.00	25.11	140.41	74.17	-3,261.97	-1,030.77	2,860.49	2,695.41	165.07	17.329		
4,400.00	4,190.07	4,165.07	4,165.07	25.75	143.69	74.79	-3,261.97	-1,030.77	2,850.88	2,681.88	169.01	16.869		
4,500.00	4,284.14	4,259.14	4,259.14	26.38	146.98	75.41	-3,261.97	-1,030.77	2,841.65	2,668.71	172.94	16.431		
4,600.00	4,378.21	4,353.21	4,353.21	27.01	150.26	76.04	-3,261.97	-1,030.77	2,832.79	2,655.92	176.87	16.016		
4,700.00	4,472.28	4,447.28	4,447.28	27.65	153.54	76.67	-3,261.97	-1,030.77	2,824.32	2,643.51	180.81	15.620		
4,800.00	4,566.35	4,541.35	4,541.35	28.28	156.83	77.30	-3,261.97	-1,030.77	2,816.22	2,631.48	184.75	15.244		
4,900.00	4,660.42	4,635.42	4,635.42	28.91	160.11	77.94	-3,261.97	-1,030.77	2,808.52	2,619.83	188.68	14.885		
5,000.00	4,754.49	4,729.49	4,729.49	29.55	163.39	78.58	-3,261.97	-1,030.77	2,801.20	2,608.58	192.62	14.542		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,823.56	4,823.56	30.18	166.68	79.22	-3,261.97	-1,030.77	2,794.28	2,597.71	196.56	14.216		
5,200.00	4,942.63	4,917.63	4,917.63	30.82	169.96	79.87	-3,261.97	-1,030.77	2,787.75	2,587.24	200.50	13.904		
5,300.00	5,036.70	5,011.70	5,011.70	31.45	173.24	80.52	-3,261.97	-1,030.77	2,781.62	2,577.17	204.44	13.606		
5,400.00	5,130.77	5,105.77	5,105.77	32.09	176.53	81.17	-3,261.97	-1,030.77	2,775.89	2,567.50	208.38	13.321		
5,500.00	5,224.84	5,200.16	5,199.84	32.72	179.82	81.82	-3,261.97	-1,030.77	2,770.56	2,558.23	212.33	13.048		
5,600.00	5,318.91	5,306.09	5,293.91	33.36	183.52	82.48	-3,261.97	-1,030.77	2,765.64	2,548.95	216.69	12.763		
5,700.00	5,412.98	5,387.98	5,387.98	33.99	186.38	83.13	-3,261.97	-1,030.77	2,761.13	2,540.93	220.20	12.539		
5,800.00	5,507.06	5,482.06	5,482.06	34.63	189.66	83.79	-3,261.97	-1,030.77	2,757.03	2,532.88	224.14	12.300		
5,900.00	5,601.13	5,576.13	5,576.13	35.26	192.95	84.45	-3,261.97	-1,030.77	2,753.34	2,525.26	228.08	12.072		
6,000.00	5,695.20	5,670.20	5,670.20	35.90	196.23	85.12	-3,261.97	-1,030.77	2,750.06	2,518.04	232.02	11.853		
6,100.00	5,789.27	5,764.27	5,764.27	36.54	199.51	85.78	-3,261.97	-1,030.77	2,747.20	2,511.24	235.96	11.643		
6,200.00	5,883.34	5,858.34	5,858.34	37.17	202.80	86.44	-3,261.97	-1,030.77	2,744.75	2,504.86	239.89	11.442		
6,300.00	5,977.41	5,952.41	5,952.41	37.81	206.08	87.11	-3,261.97	-1,030.77	2,742.72	2,498.90	243.83	11.249		
6,400.00	6,071.48	6,046.48	6,046.48	38.44	209.36	87.77	-3,261.97	-1,030.77	2,741.11	2,493.35	247.76	11.064		
6,500.00	6,165.55	6,140.55	6,140.55	39.08	212.65	88.44	-3,261.97	-1,030.77	2,739.92	2,488.23	251.69	10.886		
6,600.00	6,259.62	6,234.62	6,234.62	39.72	215.93	89.11	-3,261.97	-1,030.77	2,739.15	2,483.53	255.62	10.716		
6,677.33	6,332.36	6,307.36	6,307.36	40.21	218.47	89.63	-3,261.97	-1,030.77	2,738.85	2,480.18	258.66	10.588		
6,700.00	6,353.76	6,328.76	6,328.76	40.35	219.22	84.80	-3,261.97	-1,030.77	2,738.47	2,478.92	259.55	10.551		
6,750.00	6,401.37	6,376.37	6,376.37	40.64	220.88	72.04	-3,261.97	-1,030.77	2,735.36	2,473.85	261.50	10.460		
6,800.00	6,449.30	6,424.30	6,424.30	40.89	222.55	57.06	-3,261.97	-1,030.77	2,729.09	2,465.66	263.43	10.360		
6,850.00	6,497.25	6,472.25	6,472.25	41.11	224.23	41.66	-3,261.97	-1,030.77	2,719.67	2,454.35	265.32	10.250		
6,900.00	6,544.95	6,519.95	6,519.95	41.29	225.89	27.79	-3,261.97	-1,030.77	2,707.14	2,439.97	267.17	10.133		
6,950.00	6,592.08	6,567.08	6,567.08	41.45	227.54	16.34	-3,261.97	-1,030.77	2,691.55	2,422.58	268.97	10.007		
7,000.00	6,638.35	6,613.35	6,613.35	41.58	229.15	7.16	-3,261.97	-1,030.77	2,672.98	2,402.26	270.72	9.873		
7,050.00	6,683.50	6,658.50	6,658.50	41.70	230.73	-0.32	-3,261.97	-1,030.77	2,651.54	2,379.12	272.42	9.733		
7,100.00	6,727.22	6,702.22	6,702.22	41.81	232.25	-6.63	-3,261.97	-1,030.77	2,627.35	2,353.29	274.06	9.587		
7,150.00	6,769.26	6,744.26	6,744.26	41.92	233.72	-12.23	-3,261.97	-1,030.77	2,600.58	2,324.94	275.64	9.435		
7,200.00	6,809.36	6,784.36	6,784.36	42.03	235.12	-17.45	-3,261.97	-1,030.77	2,571.38	2,294.23	277.15	9.278		
7,250.00	6,847.27	6,822.27	6,822.27	42.15	236.44	-22.55	-3,261.97	-1,030.77	2,539.97	2,261.38	278.59	9.117		
7,300.00	6,882.75	6,857.75	6,857.75	42.27	237.68	-27.71	-3,261.97	-1,030.77	2,506.56	2,226.61	279.95	8.953		
7,350.00	6,915.58	6,890.58	6,890.58	42.41	239.49	-33.10	-3,261.97	-1,030.77	2,471.39	2,189.50	281.89	8.767		
7,400.00	6,945.57	6,920.57	6,920.57	42.57	239.87	-38.82	-3,261.97	-1,030.77	2,434.72	2,152.29	282.43	8.621		
7,450.00	6,972.53	6,947.53	6,947.53	42.75	240.82	-44.92	-3,261.97	-1,030.77	2,396.81	2,113.28	283.53	8.453		
7,500.00	6,996.30	6,971.30	6,971.30	42.95	241.65	-51.40	-3,261.97	-1,030.77	2,357.96	2,073.41	284.54	8.287		
7,550.00	7,016.72	7,008.28	6,991.72	43.17	242.94	-58.16	-3,261.97	-1,030.77	2,318.46	2,032.42	286.04	8.105		
7,600.00	7,033.66	7,008.66	7,008.66	43.43	242.95	-65.04	-3,261.97	-1,030.77	2,278.62	1,992.34	286.27	7.960		
7,650.00	7,047.04	7,022.04	7,022.04	43.72	243.42	-71.83	-3,261.97	-1,030.77	2,238.75	1,951.76	286.99	7.801		
7,700.00	7,056.76	7,031.76	7,031.76	44.05	243.76	-78.29	-3,261.97	-1,030.77	2,199.18	1,911.57	287.61	7.646		
7,750.00	7,062.76	7,037.76	7,037.76	44.41	243.97	-84.24	-3,261.97	-1,030.77	2,160.21	1,872.08	288.13	7.497		
7,799.36	7,065.00	7,040.00	7,040.00	44.81	244.04	-89.46	-3,261.97	-1,030.77	2,122.64	1,834.11	288.54	7.357		
7,900.00	7,065.83	7,040.83	7,040.83	45.73	244.07	-89.50	-3,261.97	-1,030.77	2,048.24	1,758.90	289.34	7.079		
8,000.00	7,066.66	7,041.66	7,041.66	46.83	244.10	-89.53	-3,261.97	-1,030.77	1,976.61	1,686.32	290.30	6.809		
8,100.00	7,067.49	7,042.49	7,042.49	48.11	244.13	-89.56	-3,261.97	-1,030.77	1,907.54	1,616.12	291.42	6.546		
8,200.00	7,068.31	7,043.31	7,043.31	49.55	244.16	-89.60	-3,261.97	-1,030.77	1,841.31	1,548.60	292.72	6.290		
8,300.00	7,069.14	7,044.14	7,044.14	51.14	244.19	-89.63	-3,261.97	-1,030.77	1,778.24	1,484.04	294.20	6.044		
8,400.00	7,069.96	7,044.96	7,044.96	52.86	244.22	-89.67	-3,261.97	-1,030.77	1,718.68	1,422.80	295.88	5.809		
8,500.00	7,070.79	7,045.79	7,045.79	54.70	244.25	-89.70	-3,261.97	-1,030.77	1,663.00	1,365.25	297.75	5.585		
8,600.00	7,071.61	7,046.61	7,046.61	56.64	244.27	-89.73	-3,261.97	-1,030.77	1,611.61	1,311.80	299.81	5.375		
8,700.00	7,072.44	7,047.44	7,047.44	58.68	244.30	-89.77	-3,261.97	-1,030.77	1,564.92	1,262.90	302.02	5.181		
8,800.00	7,073.27	7,048.27	7,048.27	60.78	244.33	-89.80	-3,261.97	-1,030.77	1,523.38	1,219.00	304.38	5.005		
8,900.00	7,074.09	7,049.09	7,049.09	62.96	244.36	-89.83	-3,261.97	-1,030.77	1,487.41	1,180.58	306.83	4.848		
9,000.00	7,074.92	7,049.92	7,049.92	65.19	244.39	-89.87	-3,261.97	-1,030.77	1,457.43	1,148.09	309.34	4.711		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,050.74	7,050.74	67.48	244.42	-89.90	-3,261.97	-1,030.77	1,433.81	1,121.97	311.83	4.598		
9,200.00	7,076.57	7,051.57	7,051.57	69.82	244.45	-89.94	-3,261.97	-1,030.77	1,416.86	1,102.60	314.26	4.509		
9,300.00	7,077.40	7,052.40	7,052.40	72.19	244.48	-89.97	-3,261.97	-1,030.77	1,406.84	1,090.27	316.57	4.444		
9,391.51	7,078.15	7,053.15	7,053.15	74.40	244.50	-90.00	-3,261.97	-1,030.77	1,403.86	1,085.35	318.51	4.408 CC		
9,400.00	7,078.22	7,053.22	7,053.22	74.61	244.50	-90.00	-3,261.97	-1,030.77	1,403.89	1,085.20	318.68	4.405 ES		
9,500.00	7,079.05	7,054.05	7,054.05	77.05	244.53	-90.04	-3,261.97	-1,030.77	1,408.05	1,087.48	320.57	4.392 SF		
9,600.00	7,079.87	7,054.87	7,054.87	79.53	244.56	-90.07	-3,261.97	-1,030.77	1,419.26	1,097.06	322.19	4.405		
9,700.00	7,080.70	7,055.70	7,055.70	82.03	244.59	-90.10	-3,261.97	-1,030.77	1,437.35	1,113.82	323.53	4.443		
9,800.00	7,081.53	7,056.53	7,056.53	84.55	244.62	-90.14	-3,261.97	-1,030.77	1,462.08	1,137.50	324.58	4.504		
9,900.00	7,082.35	7,057.35	7,057.35	87.10	244.65	-90.17	-3,261.97	-1,030.77	1,493.11	1,167.75	325.36	4.589		
10,000.00	7,083.18	7,058.18	7,058.18	89.67	244.68	-90.21	-3,261.97	-1,030.77	1,530.05	1,204.18	325.87	4.695		
10,100.00	7,084.00	7,059.00	7,059.00	92.25	244.71	-90.24	-3,261.97	-1,030.77	1,572.50	1,246.34	326.16	4.821		
10,200.00	7,084.83	7,059.83	7,059.83	94.86	244.74	-90.27	-3,261.97	-1,030.77	1,620.01	1,293.77	326.24	4.966		
10,300.00	7,085.65	7,060.65	7,060.65	97.47	244.76	-90.31	-3,261.97	-1,030.77	1,672.16	1,346.00	326.16	5.127		
10,400.00	7,086.48	7,061.48	7,061.48	100.10	244.79	-90.34	-3,261.97	-1,030.77	1,728.53	1,402.59	325.94	5.303		
10,500.00	7,087.31	7,062.31	7,062.31	102.75	244.82	-90.37	-3,261.97	-1,030.77	1,788.71	1,463.10	325.61	5.493		
10,600.00	7,088.13	7,063.13	7,063.13	105.40	244.85	-90.41	-3,261.97	-1,030.77	1,852.34	1,527.14	325.20	5.696		
10,700.00	7,088.96	7,063.96	7,063.96	108.07	244.88	-90.44	-3,261.97	-1,030.77	1,919.08	1,594.35	324.73	5.910		
10,800.00	7,089.78	7,064.78	7,064.78	110.75	244.91	-90.47	-3,261.97	-1,030.77	1,988.60	1,664.39	324.21	6.134		
10,900.00	7,090.61	7,065.61	7,065.61	113.43	244.94	-90.51	-3,261.97	-1,030.77	2,060.63	1,736.97	323.66	6.367		
11,000.00	7,091.44	7,066.44	7,066.44	116.13	244.97	-90.54	-3,261.97	-1,030.77	2,134.92	1,811.82	323.10	6.608		
11,100.00	7,092.26	7,067.26	7,067.26	118.83	245.00	-90.58	-3,261.97	-1,030.77	2,211.23	1,888.70	322.53	6.856		
11,200.00	7,093.09	7,068.09	7,068.09	121.54	245.02	-90.61	-3,261.97	-1,030.77	2,289.37	1,967.41	321.96	7.111		
11,300.00	7,093.91	7,068.91	7,068.91	124.25	245.05	-90.64	-3,261.97	-1,030.77	2,369.16	2,047.76	321.40	7.371		
11,400.00	7,094.74	7,069.74	7,069.74	126.98	245.08	-90.68	-3,261.97	-1,030.77	2,450.42	2,129.57	320.85	7.637		
11,500.00	7,095.57	7,070.57	7,070.57	129.70	245.11	-90.71	-3,261.97	-1,030.77	2,533.03	2,212.72	320.31	7.908		
11,600.00	7,096.39	7,071.39	7,071.39	132.44	245.14	-90.74	-3,261.97	-1,030.77	2,616.85	2,297.06	319.79	8.183		
11,700.00	7,097.22	7,072.22	7,072.22	135.18	245.17	-90.78	-3,261.97	-1,030.77	2,701.77	2,382.49	319.29	8.462		
11,800.00	7,098.04	7,073.04	7,073.04	137.92	245.20	-90.81	-3,261.97	-1,030.77	2,787.70	2,468.89	318.80	8.744		
11,900.00	7,098.87	7,073.87	7,073.87	140.67	245.23	-90.85	-3,261.97	-1,030.77	2,874.53	2,556.19	318.33	9.030		
12,000.00	7,099.69	7,074.69	7,074.69	143.43	245.25	-90.88	-3,261.97	-1,030.77	2,962.19	2,644.30	317.89	9.318		
12,100.00	7,100.52	7,075.52	7,075.52	146.19	245.28	-90.91	-3,261.97	-1,030.77	3,050.61	2,733.15	317.46	9.609		
12,200.00	7,101.35	7,076.35	7,076.35	148.95	245.31	-90.95	-3,261.97	-1,030.77	3,139.73	2,822.68	317.05	9.903		
12,300.00	7,102.17	7,077.17	7,077.17	151.71	245.34	-90.98	-3,261.97	-1,030.77	3,229.48	2,912.82	316.66	10.199		
12,400.00	7,103.00	7,078.00	7,078.00	154.48	245.37	-91.01	-3,261.97	-1,030.77	3,319.82	3,003.53	316.29	10.496		
12,500.00	7,103.82	7,078.82	7,078.82	157.26	245.40	-91.05	-3,261.97	-1,030.77	3,410.70	3,094.77	315.93	10.796		
12,600.00	7,104.65	7,079.65	7,079.65	160.03	245.43	-91.08	-3,261.97	-1,030.77	3,502.07	3,186.48	315.59	11.097		
12,700.00	7,105.48	7,080.48	7,080.48	162.81	245.46	-91.12	-3,261.97	-1,030.77	3,593.91	3,278.64	315.27	11.399		
12,800.00	7,106.30	7,081.30	7,081.30	165.59	245.49	-91.15	-3,261.97	-1,030.77	3,686.17	3,371.20	314.96	11.703		
12,900.00	7,107.13	7,082.13	7,082.13	168.38	245.51	-91.18	-3,261.97	-1,030.77	3,778.82	3,464.15	314.67	12.009		
13,000.00	7,107.95	7,082.95	7,082.95	171.16	245.54	-91.22	-3,261.97	-1,030.77	3,871.84	3,557.44	314.39	12.315		
13,100.00	7,108.78	7,083.78	7,083.78	173.95	245.57	-91.25	-3,261.97	-1,030.77	3,965.19	3,651.06	314.13	12.623		
13,200.00	7,109.61	7,084.61	7,084.61	176.74	245.60	-91.28	-3,261.97	-1,030.77	4,058.87	3,744.99	313.88	12.931		
13,300.00	7,110.43	7,085.43	7,085.43	179.54	245.63	-91.32	-3,261.97	-1,030.77	4,152.84	3,839.19	313.64	13.241		
13,368.87	7,111.00	7,086.00	7,086.00	181.46	245.65	-91.34	-3,261.97	-1,030.77	4,217.71	3,904.22	313.49	13.454		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	4.00	-4.00	3.28	3.28	-87.69	336.57	-8,359.82	8,366.59					
100.00	100.00	104.00	96.00	3.28	3.78	-87.69	336.57	-8,359.82	8,366.59	8,359.52	7.07	1,183.755		
200.00	200.00	204.00	196.00	3.34	6.30	-87.69	336.57	-8,359.82	8,366.59	8,356.95	9.63	868.376		
300.00	299.98	304.02	295.98	3.44	9.46	127.95	336.57	-8,359.82	8,367.66	8,354.77	12.90	648.901		
400.00	399.84	404.16	395.84	3.59	12.79	127.93	336.57	-8,359.82	8,370.88	8,354.50	16.38	510.952		
500.00	499.45	504.55	495.45	3.79	16.20	127.89	336.57	-8,359.82	8,376.25	8,356.25	20.00	418.916		
600.00	598.70	605.30	594.70	4.04	19.66	127.83	336.57	-8,359.82	8,383.76	8,360.07	23.70	353.800		
700.00	697.47	706.53	693.47	4.32	23.15	127.76	336.57	-8,359.82	8,393.43	8,365.95	27.47	305.520		
800.00	795.62	808.38	791.62	4.65	26.68	127.68	336.57	-8,359.82	8,405.24	8,373.92	31.32	268.386		
900.00	893.06	889.06	889.06	5.01	29.47	127.57	336.57	-8,359.82	8,419.19	8,384.72	34.47	244.246		
1,000.00	989.64	985.64	985.64	5.41	32.83	127.45	336.57	-8,359.82	8,435.30	8,397.09	38.21	220.753		
1,100.00	1,085.27	1,081.27	1,081.27	5.85	36.15	127.31	336.57	-8,359.82	8,453.55	8,411.59	41.95	201.491		
1,191.50	1,171.82	1,167.82	1,167.82	6.29	39.16	127.16	336.57	-8,359.82	8,472.13	8,426.75	45.38	186.703		
1,200.00	1,179.82	1,175.82	1,175.82	6.34	39.44	127.18	336.57	-8,359.82	8,473.94	8,428.24	45.70	185.437		
1,300.00	1,273.89	1,269.89	1,269.89	6.85	42.71	127.35	336.57	-8,359.82	8,495.27	8,445.83	49.44	171.823		
1,400.00	1,367.96	1,363.96	1,363.96	7.38	45.99	127.53	336.57	-8,359.82	8,516.68	8,463.48	53.21	160.071		
1,500.00	1,462.03	1,458.03	1,458.03	7.93	49.26	127.70	336.57	-8,359.82	8,538.18	8,481.19	56.98	149.834		
1,600.00	1,556.10	1,552.10	1,552.10	8.49	52.54	127.87	336.57	-8,359.82	8,559.75	8,498.98	60.78	140.843		
1,700.00	1,650.17	1,646.17	1,646.17	9.06	55.82	128.05	336.57	-8,359.82	8,581.41	8,516.84	64.58	132.890		
1,800.00	1,744.24	1,740.24	1,740.24	9.65	59.10	128.22	336.57	-8,359.82	8,603.15	8,534.76	68.38	125.807		
1,900.00	1,838.31	1,834.31	1,834.31	10.23	62.38	128.39	336.57	-8,359.82	8,624.96	8,552.76	72.20	119.461		
2,000.00	1,932.38	1,928.38	1,928.38	10.83	65.66	128.56	336.57	-8,359.82	8,646.85	8,570.83	76.02	113.746		
2,100.00	2,026.45	2,022.45	2,022.45	11.43	68.94	128.73	336.57	-8,359.82	8,668.82	8,588.98	79.84	108.572		
2,200.00	2,120.52	2,116.52	2,116.52	12.03	72.22	128.90	336.57	-8,359.82	8,690.87	8,607.19	83.67	103.867		
2,300.00	2,214.59	2,210.59	2,210.59	12.63	75.50	129.06	336.57	-8,359.82	8,712.99	8,625.48	87.50	99.572		
2,400.00	2,308.66	2,304.66	2,304.66	13.24	78.78	129.23	336.57	-8,359.82	8,735.19	8,643.85	91.34	95.635		
2,500.00	2,402.73	2,401.27	2,398.73	13.86	82.15	129.40	336.57	-8,359.82	8,757.46	8,662.20	95.26	91.929		
2,600.00	2,496.80	2,507.20	2,492.80	14.47	85.84	129.56	336.57	-8,359.82	8,779.81	8,680.29	99.52	88.226		
2,700.00	2,590.87	2,586.87	2,586.87	15.09	88.62	129.73	336.57	-8,359.82	8,802.23	8,699.38	102.85	85.581		
2,800.00	2,684.95	2,680.95	2,680.95	15.71	91.91	129.89	336.57	-8,359.82	8,824.72	8,718.03	106.69	82.711		
2,900.00	2,779.02	2,775.02	2,775.02	16.33	95.19	130.05	336.57	-8,359.82	8,847.29	8,736.76	110.54	80.040		
3,000.00	2,873.09	2,869.09	2,869.09	16.95	98.47	130.21	336.57	-8,359.82	8,869.93	8,755.55	114.38	77.549		
3,100.00	2,967.16	2,963.16	2,963.16	17.57	101.75	130.38	336.57	-8,359.82	8,892.65	8,774.42	118.22	75.219		
3,200.00	3,061.23	3,057.23	3,057.23	18.20	105.03	130.54	336.57	-8,359.82	8,915.43	8,793.36	122.07	73.037		
3,300.00	3,155.30	3,151.30	3,151.30	18.82	108.32	130.70	336.57	-8,359.82	8,938.28	8,812.37	125.91	70.989		
3,400.00	3,249.37	3,245.37	3,245.37	19.45	111.60	130.85	336.57	-8,359.82	8,961.21	8,831.45	129.76	69.062		
3,500.00	3,343.44	3,339.44	3,339.44	20.07	114.88	131.01	336.57	-8,359.82	8,984.20	8,850.60	133.60	67.246		
3,600.00	3,437.51	3,433.51	3,433.51	20.70	118.16	131.17	336.57	-8,359.82	9,007.26	8,869.82	137.45	65.533		
3,700.00	3,531.58	3,527.58	3,527.58	21.33	121.45	131.33	336.57	-8,359.82	9,030.39	8,889.10	141.29	63.913		
3,800.00	3,625.65	3,621.65	3,621.65	21.96	124.73	131.48	336.57	-8,359.82	9,053.59	8,908.46	145.14	62.379		
3,900.00	3,719.72	3,715.72	3,715.72	22.59	128.01	131.64	336.57	-8,359.82	9,076.86	8,927.88	148.98	60.925		
4,000.00	3,813.79	3,809.79	3,809.79	23.22	131.30	131.79	336.57	-8,359.82	9,100.19	8,947.37	152.83	59.545		
4,100.00	3,907.86	3,903.86	3,903.86	23.85	134.58	131.95	336.57	-8,359.82	9,123.60	8,966.92	156.67	58.233		
4,200.00	4,001.93	4,002.07	3,997.93	24.48	138.01	132.10	336.57	-8,359.82	9,147.06	8,986.40	160.66	56.933		
4,300.00	4,096.00	4,108.00	4,092.00	25.11	141.70	132.25	336.57	-8,359.82	9,170.59	9,005.67	164.92	55.606		
4,400.00	4,190.07	4,186.07	4,186.07	25.75	144.43	132.40	336.57	-8,359.82	9,194.19	9,025.98	168.21	54.659		
4,500.00	4,284.14	4,280.14	4,280.14	26.38	147.71	132.55	336.57	-8,359.82	9,217.85	9,045.80	172.05	53.576		
4,600.00	4,378.21	4,374.21	4,374.21	27.01	150.99	132.70	336.57	-8,359.82	9,241.58	9,065.68	175.90	52.540		
4,700.00	4,472.28	4,468.28	4,468.28	27.65	154.28	132.85	336.57	-8,359.82	9,265.36	9,085.62	179.74	51.548		
4,800.00	4,566.35	4,562.35	4,562.35	28.28	157.56	133.00	336.57	-8,359.82	9,289.22	9,105.63	183.58	50.599		
4,900.00	4,660.42	4,656.42	4,656.42	28.91	160.84	133.15	336.57	-8,359.82	9,313.13	9,125.70	187.43	49.689		
5,000.00	4,754.49	4,750.49	4,750.49	29.55	164.13	133.30	336.57	-8,359.82	9,337.11	9,145.83	191.27	48.816		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,844.56	4,844.56	30.18	167.41	133.44	336.57	-8,359.82	9,361.14	9,166.03	195.11	47.978		
5,200.00	4,942.63	4,938.63	4,938.63	30.82	170.69	133.59	336.57	-8,359.82	9,385.24	9,186.29	198.96	47.173		
5,300.00	5,036.70	5,032.70	5,032.70	31.45	173.98	133.73	336.57	-8,359.82	9,409.40	9,206.60	202.80	46.398		
5,400.00	5,130.77	5,126.77	5,126.77	32.09	177.26	133.88	336.57	-8,359.82	9,433.62	9,226.98	206.64	45.653		
5,500.00	5,224.84	5,220.84	5,220.84	32.72	180.54	134.02	336.57	-8,359.82	9,457.90	9,247.42	210.48	44.935		
5,600.00	5,318.91	5,314.91	5,314.91	33.36	183.83	134.16	336.57	-8,359.82	9,482.24	9,267.92	214.32	44.243		
5,700.00	5,412.98	5,408.98	5,408.98	33.99	187.11	134.31	336.57	-8,359.82	9,506.63	9,288.47	218.16	43.576		
5,800.00	5,507.06	5,503.06	5,503.06	34.63	190.39	134.45	336.57	-8,359.82	9,531.09	9,309.09	222.00	42.933		
5,900.00	5,601.13	5,602.87	5,597.13	35.26	193.88	134.59	336.57	-8,359.82	9,555.60	9,329.56	226.04	42.274		
6,000.00	5,695.20	5,708.80	5,691.20	35.90	197.58	134.73	336.57	-8,359.82	9,580.17	9,349.88	230.29	41.600		
6,100.00	5,789.27	5,785.27	5,785.27	36.54	200.25	134.87	336.57	-8,359.82	9,604.80	9,371.28	233.52	41.131		
6,200.00	5,883.34	5,879.34	5,879.34	37.17	203.53	135.01	336.57	-8,359.82	9,629.48	9,392.13	237.36	40.570		
6,300.00	5,977.41	5,973.41	5,973.41	37.81	206.81	135.15	336.57	-8,359.82	9,654.22	9,413.03	241.19	40.027		
6,400.00	6,071.48	6,067.48	6,067.48	38.44	210.10	135.28	336.57	-8,359.82	9,679.02	9,433.99	245.03	39.501		
6,500.00	6,165.55	6,161.55	6,161.55	39.08	213.38	135.42	336.57	-8,359.82	9,703.87	9,455.00	248.87	38.992		
6,600.00	6,259.62	6,255.62	6,255.62	39.72	216.66	135.56	336.57	-8,359.82	9,728.77	9,476.07	252.70	38.499		
6,677.33	6,332.36	6,328.36	6,328.36	40.21	219.20	135.66	336.57	-8,359.82	9,748.07	9,492.40	255.67	38.127		
6,700.00	6,353.76	6,349.76	6,349.76	40.35	219.95	130.64	336.57	-8,359.82	9,753.35	9,496.81	256.54	38.019		
6,750.00	6,401.37	6,402.63	6,397.37	40.64	221.80	117.66	336.57	-8,359.82	9,762.26	9,503.61	258.65	37.743		
6,800.00	6,449.30	6,445.30	6,445.30	40.89	223.28	102.72	336.57	-8,359.82	9,767.38	9,507.00	260.39	37.511		
6,850.00	6,497.25	6,506.75	6,493.25	41.11	225.43	87.65	336.57	-8,359.82	9,768.68	9,505.93	262.75	37.178		
6,900.00	6,544.95	6,540.95	6,540.95	41.29	226.62	74.40	336.57	-8,359.82	9,766.15	9,502.01	264.14	36.974		
6,950.00	6,592.08	6,588.08	6,588.08	41.45	228.27	63.88	336.57	-8,359.82	9,759.81	9,493.87	265.94	36.700		
7,000.00	6,638.35	6,634.35	6,634.35	41.58	229.88	55.96	336.57	-8,359.82	9,749.70	9,482.02	267.68	36.423		
7,050.00	6,683.50	6,679.50	6,679.50	41.70	231.46	50.13	336.57	-8,359.82	9,735.89	9,466.55	269.35	36.146		
7,100.00	6,727.22	6,723.22	6,723.22	41.81	232.99	45.87	336.57	-8,359.82	9,718.47	9,447.53	270.94	35.870		
7,150.00	6,769.26	6,765.26	6,765.26	41.92	234.45	42.81	336.57	-8,359.82	9,697.54	9,425.10	272.44	35.595		
7,200.00	6,809.36	6,805.36	6,805.36	42.03	235.85	40.66	336.57	-8,359.82	9,673.24	9,399.38	273.86	35.322		
7,250.00	6,847.27	6,843.27	6,843.27	42.15	237.18	39.25	336.57	-8,359.82	9,645.71	9,370.53	275.18	35.052		
7,300.00	6,882.75	6,878.75	6,878.75	42.27	238.41	38.49	336.57	-8,359.82	9,615.13	9,338.73	276.40	34.787		
7,350.00	6,915.58	6,911.58	6,911.58	42.41	239.56	38.30	336.57	-8,359.82	9,581.68	9,304.16	277.51	34.527		
7,400.00	6,945.57	6,941.57	6,941.57	42.57	240.61	38.69	336.57	-8,359.82	9,545.57	9,267.05	278.52	34.273		
7,450.00	6,972.53	6,968.53	6,968.53	42.75	241.55	39.71	336.57	-8,359.82	9,507.02	9,227.60	279.41	34.025		
7,500.00	6,996.30	7,007.70	6,992.30	42.95	242.92	41.45	336.57	-8,359.82	9,466.27	9,185.53	280.73	33.720		
7,550.00	7,016.72	7,012.72	7,012.72	43.17	243.09	44.08	336.57	-8,359.82	9,423.56	9,142.70	280.86	33.552		
7,600.00	7,033.66	7,029.66	7,029.66	43.43	243.68	47.92	336.57	-8,359.82	9,379.16	9,097.75	281.41	33.329		
7,650.00	7,047.04	7,043.04	7,043.04	43.72	244.15	53.44	336.57	-8,359.82	9,333.34	9,051.50	281.84	33.116		
7,700.00	7,056.76	7,052.76	7,052.76	44.05	244.49	61.38	336.57	-8,359.82	9,286.37	9,004.22	282.15	32.913		
7,750.00	7,062.76	7,058.76	7,058.76	44.41	244.70	72.75	336.57	-8,359.82	9,238.55	8,956.20	282.35	32.721		
7,799.36	7,065.00	7,061.00	7,061.00	44.81	244.78	88.06	336.57	-8,359.82	9,190.78	8,908.36	282.42	32.543		
7,900.00	7,065.83	7,061.83	7,061.83	45.73	244.81	88.08	336.57	-8,359.82	9,093.04	8,810.58	282.46	32.192		
8,000.00	7,066.66	7,062.66	7,062.66	46.83	244.83	88.11	336.57	-8,359.82	8,995.99	8,713.48	282.52	31.842		
8,100.00	7,067.49	7,063.49	7,063.49	48.11	244.86	88.13	336.57	-8,359.82	8,899.01	8,616.42	282.59	31.491		
8,200.00	7,068.31	7,064.31	7,064.31	49.55	244.89	88.15	336.57	-8,359.82	8,802.09	8,519.41	282.68	31.138		
8,300.00	7,069.14	7,065.14	7,065.14	51.14	244.92	88.17	336.57	-8,359.82	8,705.24	8,422.45	282.79	30.784		
8,400.00	7,069.96	7,065.96	7,065.96	52.86	244.95	88.19	336.57	-8,359.82	8,608.47	8,325.55	282.92	30.428		
8,500.00	7,070.79	7,066.79	7,066.79	54.70	244.98	88.21	336.57	-8,359.82	8,511.77	8,228.70	283.07	30.070		
8,600.00	7,071.61	7,067.61	7,067.61	56.64	245.01	88.24	336.57	-8,359.82	8,415.14	8,131.90	283.24	29.710		
8,700.00	7,072.44	7,068.44	7,068.44	58.68	245.04	88.26	336.57	-8,359.82	8,318.60	8,035.16	283.43	29.349		
8,800.00	7,073.27	7,069.27	7,069.27	60.78	245.07	88.28	336.57	-8,359.82	8,222.13	7,938.48	283.65	28.986		
8,900.00	7,074.09	7,070.09	7,070.09	62.96	245.09	88.30	336.57	-8,359.82	8,125.76	7,841.86	283.90	28.622		
9,000.00	7,074.92	7,070.92	7,070.92	65.19	245.12	88.32	336.57	-8,359.82	8,029.47	7,745.30	284.17	28.256		

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

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,100.00	7,075.74	7,071.74	7,071.74	67.48	245.15	88.34	336.57	-8,359.82	7,933.27	7,648.80	284.47	27.888		
9,200.00	7,076.57	7,072.57	7,072.57	69.82	245.18	88.37	336.57	-8,359.82	7,837.17	7,552.37	284.80	27.518		
9,300.00	7,077.40	7,073.40	7,073.40	72.19	245.21	88.39	336.57	-8,359.82	7,741.17	7,456.00	285.17	27.146		
9,400.00	7,078.22	7,074.22	7,074.22	74.61	245.24	88.41	336.57	-8,359.82	7,645.27	7,359.71	285.56	26.773		
9,500.00	7,079.05	7,075.05	7,075.05	77.05	245.27	88.43	336.57	-8,359.82	7,549.47	7,263.49	285.99	26.398		
9,600.00	7,079.87	7,075.87	7,075.87	79.53	245.30	88.45	336.57	-8,359.82	7,453.79	7,167.34	286.45	26.021		
9,700.00	7,080.70	7,076.70	7,076.70	82.03	245.32	88.47	336.57	-8,359.82	7,358.22	7,071.28	286.95	25.643		
9,800.00	7,081.53	7,077.53	7,077.53	84.55	245.35	88.50	336.57	-8,359.82	7,262.77	6,975.29	287.48	25.263		
9,900.00	7,082.35	7,078.35	7,078.35	87.10	245.38	88.52	336.57	-8,359.82	7,167.45	6,879.39	288.06	24.882		
10,000.00	7,083.18	7,079.18	7,079.18	89.67	245.41	88.54	336.57	-8,359.82	7,072.25	6,783.57	288.68	24.499		
10,100.00	7,084.00	7,080.00	7,080.00	92.25	245.44	88.56	336.57	-8,359.82	6,977.19	6,687.85	289.34	24.114		
10,200.00	7,084.83	7,080.83	7,080.83	94.86	245.47	88.58	336.57	-8,359.82	6,882.27	6,592.23	290.04	23.729		
10,300.00	7,085.65	7,081.65	7,081.65	97.47	245.50	88.60	336.57	-8,359.82	6,787.49	6,496.70	290.79	23.342		
10,400.00	7,086.48	7,082.48	7,082.48	100.10	245.53	88.63	336.57	-8,359.82	6,692.86	6,401.28	291.59	22.953		
10,500.00	7,087.31	7,083.31	7,083.31	102.75	245.56	88.65	336.57	-8,359.82	6,598.40	6,305.97	292.43	22.564		
10,600.00	7,088.13	7,084.13	7,084.13	105.40	245.58	88.67	336.57	-8,359.82	6,504.10	6,210.77	293.33	22.173		
10,700.00	7,088.96	7,084.96	7,084.96	108.07	245.61	88.69	336.57	-8,359.82	6,409.97	6,115.69	294.28	21.782		
10,800.00	7,089.78	7,085.78	7,085.78	110.75	245.64	88.71	336.57	-8,359.82	6,316.02	6,020.74	295.28	21.390		
10,900.00	7,090.61	7,086.61	7,086.61	113.43	245.67	88.73	336.57	-8,359.82	6,222.26	5,925.92	296.34	20.997		
11,000.00	7,091.44	7,087.44	7,087.44	116.13	245.70	88.76	336.57	-8,359.82	6,128.70	5,831.24	297.45	20.604		
11,100.00	7,092.26	7,088.26	7,088.26	118.83	245.73	88.78	336.57	-8,359.82	6,035.34	5,736.71	298.63	20.210		
11,200.00	7,093.09	7,089.09	7,089.09	121.54	245.76	88.80	336.57	-8,359.82	5,942.20	5,642.33	299.87	19.816		
11,300.00	7,093.91	7,089.91	7,089.91	124.25	245.79	88.82	336.57	-8,359.82	5,849.29	5,548.12	301.17	19.422		
11,400.00	7,094.74	7,109.26	7,090.74	126.98	246.46	88.84	336.57	-8,359.82	5,756.61	5,453.43	303.19	18.987		
11,500.00	7,095.57	7,108.43	7,091.57	129.70	246.43	88.86	336.57	-8,359.82	5,664.18	5,359.62	304.56	18.598		
11,600.00	7,096.39	7,107.61	7,092.39	132.44	246.40	88.89	336.57	-8,359.82	5,572.02	5,266.01	306.01	18.208		
11,700.00	7,097.22	7,106.78	7,093.22	135.18	246.37	88.91	336.57	-8,359.82	5,480.13	5,172.59	307.54	17.819		
11,800.00	7,098.04	7,105.96	7,094.04	137.92	246.35	88.93	336.57	-8,359.82	5,388.53	5,079.39	309.14	17.431		
11,900.00	7,098.87	7,105.13	7,094.87	140.67	246.32	88.95	336.57	-8,359.82	5,297.23	4,986.41	310.81	17.043		
12,000.00	7,099.69	7,104.31	7,095.69	143.43	246.29	88.97	336.57	-8,359.82	5,206.25	4,893.68	312.57	16.656		
12,100.00	7,100.52	7,103.48	7,096.52	146.19	246.26	89.00	336.57	-8,359.82	5,115.60	4,801.19	314.41	16.270		
12,200.00	7,101.35	7,102.65	7,097.35	148.95	246.23	89.02	336.57	-8,359.82	5,025.32	4,708.97	316.35	15.886		
12,300.00	7,102.17	7,101.83	7,098.17	151.71	246.20	89.04	336.57	-8,359.82	4,935.40	4,617.04	318.37	15.502		
12,400.00	7,103.00	7,101.00	7,099.00	154.48	246.17	89.06	336.57	-8,359.82	4,845.89	4,525.40	320.48	15.121		
12,500.00	7,103.82	7,100.18	7,099.82	157.26	246.14	89.08	336.57	-8,359.82	4,756.78	4,434.09	322.70	14.741		
12,600.00	7,104.65	7,100.65	7,100.65	160.03	246.16	89.10	336.57	-8,359.82	4,668.12	4,343.07	325.06	14.361		
12,700.00	7,105.48	7,101.48	7,101.48	162.81	246.19	89.13	336.57	-8,359.82	4,579.93	4,252.39	327.54	13.983		
12,800.00	7,106.30	7,102.30	7,102.30	165.59	246.22	89.15	336.57	-8,359.82	4,492.23	4,162.11	330.13	13.608		
12,900.00	7,107.13	7,103.13	7,103.13	168.38	246.25	89.17	336.57	-8,359.82	4,405.06	4,072.23	332.83	13.235		
13,000.00	7,107.95	7,103.95	7,103.95	171.16	246.28	89.19	336.57	-8,359.82	4,318.44	3,982.79	335.65	12.866		
13,100.00	7,108.78	7,104.78	7,104.78	173.95	246.30	89.21	336.57	-8,359.82	4,232.41	3,893.82	338.60	12.500		
13,200.00	7,109.61	7,105.61	7,105.61	176.74	246.33	89.23	336.57	-8,359.82	4,147.01	3,805.34	341.67	12.137		
13,300.00	7,110.43	7,106.43	7,106.43	179.54	246.36	89.26	336.57	-8,359.82	4,062.28	3,717.40	344.88	11.779		
13,368.87	7,111.00	7,107.00	7,107.00	181.46	246.38	89.27	336.57	-8,359.82	4,004.33	3,657.17	347.17	11.534 CC, ES, SF		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	31.06	1,592.03	958.82	1,858.68					
100.00	100.00	66.48	66.48	3.28	3.28	31.05	1,592.21	958.73	1,858.58	1,852.01	6.57	282.979 CC, ES		
200.00	200.00	171.27	171.27	3.34	3.32	31.03	1,592.85	958.23	1,858.87	1,852.21	6.66	279.175		
300.00	299.98	274.06	274.06	3.44	3.42	-113.38	1,593.09	957.64	1,859.46	1,852.60	6.86	271.132		
400.00	399.84	370.15	370.15	3.59	3.56	-113.49	1,593.16	957.47	1,861.51	1,854.36	7.15	260.497		
500.00	499.45	468.27	468.27	3.79	3.74	-113.67	1,593.43	957.31	1,865.17	1,857.64	7.53	247.804		
600.00	598.70	571.14	571.13	4.04	3.97	-113.93	1,593.59	957.25	1,870.22	1,862.22	8.00	233.802		
700.00	697.47	669.73	669.72	4.32	4.22	-114.25	1,593.53	957.24	1,876.62	1,868.08	8.53	219.901		
800.00	795.62	763.24	763.24	4.65	4.48	-114.60	1,593.65	957.19	1,884.72	1,875.60	9.12	206.725		
900.00	893.06	860.09	860.08	5.01	4.77	-115.02	1,593.94	957.28	1,894.67	1,884.90	9.77	194.022		
1,000.00	989.64	961.61	961.60	5.41	5.10	-115.53	1,593.98	957.52	1,906.19	1,895.71	10.48	181.890		
1,100.00	1,085.27	1,062.63	1,062.62	5.85	5.43	-116.09	1,593.79	957.57	1,919.24	1,908.00	11.24	170.725		
1,191.50	1,171.82	1,149.46	1,149.45	6.29	5.73	-116.60	1,593.47	957.56	1,932.69	1,920.73	11.96	161.612		
1,200.00	1,179.82	1,157.20	1,157.19	6.34	5.76	-116.67	1,593.45	957.56	1,934.02	1,921.99	12.03	160.807		
1,300.00	1,273.89	1,252.20	1,252.19	6.85	6.10	-117.52	1,593.17	957.59	1,949.96	1,937.12	12.84	151.817		
1,400.00	1,367.96	1,346.85	1,346.84	7.38	6.44	-118.36	1,592.72	957.69	1,966.23	1,952.55	13.68	143.693		
1,500.00	1,462.03	1,437.67	1,437.66	7.93	6.78	-119.14	1,592.38	957.86	1,983.04	1,968.52	14.53	136.518		
1,600.00	1,556.10	1,530.20	1,530.18	8.49	7.13	-119.94	1,592.20	958.01	2,000.43	1,985.04	15.39	129.993		
1,700.00	1,650.17	1,625.74	1,625.73	9.06	7.49	-120.75	1,592.03	958.01	2,018.19	2,001.91	16.28	124.003		
1,800.00	1,744.24	1,719.55	1,719.54	9.65	7.85	-121.52	1,591.87	958.08	2,036.38	2,019.21	17.16	118.644		
1,900.00	1,838.31	1,819.83	1,819.82	10.23	8.24	-122.34	1,591.46	958.25	2,054.79	2,036.70	18.09	113.603		
2,000.00	1,932.38	1,918.21	1,918.19	10.83	8.63	-123.12	1,590.83	958.31	2,073.33	2,054.32	19.01	109.069		
2,100.00	2,026.45	2,013.27	2,013.26	11.43	9.01	-123.87	1,590.15	958.27	2,092.15	2,072.23	19.92	105.021		
2,200.00	2,120.52	2,108.42	2,108.40	12.03	9.39	-124.61	1,589.47	958.15	2,111.29	2,090.45	20.84	101.323		
2,300.00	2,214.59	2,204.65	2,204.63	12.63	9.78	-125.35	1,588.80	957.71	2,130.72	2,108.96	21.76	97.918		
2,400.00	2,308.66	2,302.46	2,302.43	13.24	10.17	-126.10	1,588.08	956.94	2,150.38	2,127.69	22.69	94.760		
2,500.00	2,402.73	2,394.28	2,394.24	13.86	10.55	-126.80	1,587.41	956.12	2,170.36	2,146.76	23.60	91.970		
2,600.00	2,496.80	2,482.10	2,482.06	14.47	10.91	-127.45	1,586.94	955.34	2,190.86	2,166.38	24.49	89.477		
2,700.00	2,590.87	2,569.27	2,569.23	15.09	11.26	-128.09	1,586.75	954.56	2,211.97	2,186.61	25.37	87.197		
2,800.00	2,684.95	2,657.87	2,657.83	15.71	11.62	-128.73	1,586.80	953.79	2,233.68	2,207.43	26.26	85.075		
2,900.00	2,779.02	2,750.77	2,750.72	16.33	12.01	-129.39	1,586.99	953.13	2,255.86	2,228.70	27.16	83.045		
3,000.00	2,873.09	2,846.34	2,846.28	16.95	12.40	-130.05	1,587.12	952.42	2,278.30	2,250.21	28.09	81.117		
3,100.00	2,967.16	2,947.12	2,947.07	17.57	12.82	-130.74	1,587.13	951.76	2,300.92	2,271.88	29.04	79.244		
3,200.00	3,061.23	3,048.17	3,048.11	18.20	13.23	-131.41	1,586.68	951.13	2,323.41	2,293.42	29.99	77.480		
3,300.00	3,155.30	3,139.47	3,139.41	18.82	13.61	-132.01	1,586.23	950.51	2,346.13	2,315.24	30.89	75.957		
3,400.00	3,249.37	3,222.79	3,222.73	19.45	13.96	-132.54	1,586.04	949.88	2,369.35	2,337.61	31.74	74.641		
3,500.00	3,343.44	3,296.30	3,296.23	20.07	14.27	-133.01	1,586.41	949.32	2,393.51	2,360.97	32.54	73.552		
3,600.00	3,437.51	3,381.08	3,381.01	20.70	14.62	-133.54	1,587.35	948.84	2,418.52	2,385.12	33.40	72.414		
3,700.00	3,531.58	3,469.65	3,469.56	21.33	14.99	-134.08	1,588.56	948.56	2,444.03	2,409.76	34.27	71.308		
3,800.00	3,625.65	3,555.14	3,555.04	21.96	15.34	-134.59	1,589.92	948.31	2,470.00	2,434.87	35.13	70.308		
3,900.00	3,719.72	3,642.20	3,642.09	22.59	15.71	-135.10	1,591.58	948.35	2,496.53	2,460.54	36.00	69.356		
4,000.00	3,813.79	3,734.63	3,734.50	23.22	16.09	-135.63	1,593.48	948.27	2,523.40	2,486.51	36.89	68.403		
4,100.00	3,907.86	3,835.72	3,835.57	23.85	16.52	-136.19	1,595.49	948.17	2,550.43	2,512.59	37.84	67.407		
4,200.00	4,001.93	3,944.95	3,944.79	24.48	16.97	-136.80	1,597.05	947.63	2,577.09	2,538.26	38.83	66.369		
4,300.00	4,096.00	4,045.59	4,045.42	25.11	17.40	-137.35	1,598.13	946.85	2,603.61	2,563.84	39.77	65.464		
4,400.00	4,190.07	4,143.05	4,142.87	25.75	17.81	-137.88	1,598.95	946.09	2,630.11	2,589.42	40.69	64.631		
4,500.00	4,284.14	4,239.38	4,239.19	26.38	18.21	-138.38	1,599.67	945.54	2,656.75	2,615.14	41.61	63.849		
4,600.00	4,378.21	4,336.77	4,336.58	27.01	18.62	-138.88	1,600.26	944.90	2,683.42	2,640.89	42.53	63.093		
4,700.00	4,472.28	4,432.11	4,431.92	27.65	19.02	-139.36	1,600.76	944.33	2,710.21	2,666.77	43.44	62.390		
4,800.00	4,566.35	4,525.95	4,525.76	28.28	19.42	-139.82	1,601.18	943.95	2,737.11	2,692.77	44.34	61.731		
4,900.00	4,660.42	4,616.54	4,616.35	28.91	19.80	-140.26	1,601.70	943.57	2,764.30	2,719.08	45.22	61.133		
5,000.00	4,754.49	4,720.71	4,720.51	29.55	20.24	-140.75	1,602.14	943.20	2,791.51	2,745.33	46.18	60.449		

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

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.00	4,848.56	4,827.90	4,827.70	30.18	20.69	-141.24	1,602.11	942.69	2,818.45	2,771.29	47.16	59.764		
5,200.00	4,942.63	4,930.23	4,930.04	30.82	21.13	-141.71	1,601.72	942.19	2,845.22	2,797.11	48.11	59.141		
5,300.00	5,036.70	5,036.05	5,035.85	31.45	21.57	-142.17	1,600.96	941.76	2,871.82	2,822.74	49.08	58.514		
5,400.00	5,130.77	5,133.66	5,133.46	32.09	21.99	-142.60	1,599.87	941.36	2,898.19	2,848.19	50.00	57.964		
5,500.00	5,224.84	5,223.05	5,222.84	32.72	22.36	-142.97	1,599.11	941.47	2,924.94	2,874.07	50.87	57.498		
5,600.00	5,318.91	5,331.72	5,331.50	33.36	22.82	-143.42	1,597.72	941.51	2,951.41	2,899.55	51.86	56.913		
5,700.00	5,412.98	5,417.67	5,417.45	33.99	23.19	-143.77	1,596.70	941.49	2,978.12	2,925.41	52.71	56.504		
5,800.00	5,507.06	5,516.82	5,516.59	34.63	23.61	-144.17	1,595.51	941.18	3,004.93	2,951.30	53.64	56.025		
5,900.00	5,601.13	5,605.87	5,605.62	35.26	23.98	-144.52	1,594.47	940.77	3,031.92	2,977.42	54.50	55.631		
6,000.00	5,695.20	5,704.35	5,704.10	35.90	24.40	-144.91	1,593.33	940.34	3,059.04	3,003.62	55.42	55.193		
6,100.00	5,789.27	5,793.07	5,792.82	36.54	24.78	-145.25	1,592.34	940.02	3,086.31	3,030.03	56.29	54.833		
6,200.00	5,883.34	5,886.96	5,886.70	37.17	25.17	-145.60	1,591.38	939.70	3,113.79	3,056.61	57.18	54.456		
6,300.00	5,977.41	5,976.26	5,975.99	37.81	25.55	-145.94	1,590.51	939.26	3,141.44	3,083.40	58.04	54.122		
6,400.00	6,071.48	6,059.21	6,058.94	38.44	25.91	-146.24	1,589.91	938.71	3,169.44	3,110.58	58.87	53.842		
6,500.00	6,165.55	6,149.31	6,149.04	39.08	26.29	-146.58	1,589.55	937.96	3,197.87	3,138.14	59.73	53.537		
6,600.00	6,259.62	6,243.92	6,243.64	39.72	26.69	-146.92	1,589.11	937.28	3,226.35	3,165.72	60.63	53.215		
6,677.33	6,332.36	6,312.41	6,312.13	40.21	26.98	-147.16	1,588.86	936.76	3,248.50	3,187.21	61.29	53.002		
6,700.00	6,353.76	6,331.84	6,331.56	40.35	27.06	-152.79	1,588.81	936.62	3,255.02	3,193.55	61.48	52.946		
6,750.00	6,401.37	6,375.08	6,374.80	40.64	27.25	-167.12	1,588.74	936.31	3,269.34	3,207.46	61.88	52.832		
6,800.00	6,449.30	6,421.06	6,420.78	40.89	27.44	176.61	1,588.72	936.00	3,283.49	3,221.20	62.29	52.713		
6,850.00	6,497.25	6,470.37	6,470.09	41.11	27.65	160.24	1,588.69	935.71	3,297.32	3,234.61	62.71	52.581		
6,900.00	6,544.95	6,517.68	6,517.39	41.29	27.86	145.73	1,588.65	935.45	3,310.73	3,247.62	63.11	52.459		
6,950.00	6,592.08	6,561.77	6,561.49	41.45	28.04	133.98	1,588.65	935.26	3,323.72	3,260.23	63.49	52.350		
7,000.00	6,638.35	6,605.51	6,605.22	41.58	28.23	124.85	1,588.70	935.11	3,336.26	3,272.38	63.88	52.231		
7,050.00	6,683.50	6,651.64	6,651.36	41.70	28.43	117.85	1,588.75	934.94	3,348.27	3,283.98	64.29	52.082		
7,100.00	6,727.22	6,696.39	6,696.11	41.81	28.62	112.44	1,588.79	934.73	3,359.71	3,295.00	64.71	51.920		
7,150.00	6,769.26	6,736.50	6,736.21	41.92	28.79	108.17	1,588.82	934.51	3,370.61	3,305.49	65.12	51.759		
7,200.00	6,809.36	6,774.50	6,774.22	42.03	28.95	104.76	1,588.88	934.31	3,380.98	3,315.44	65.54	51.584		
7,250.00	6,847.27	6,811.65	6,811.36	42.15	29.11	102.02	1,588.96	934.11	3,390.84	3,324.85	65.99	51.382		
7,300.00	6,882.75	6,849.12	6,848.84	42.27	29.26	99.82	1,589.03	933.98	3,400.18	3,333.69	66.48	51.146		
7,350.00	6,915.58	6,883.68	6,883.39	42.41	29.41	98.01	1,589.08	933.93	3,409.00	3,342.01	66.99	50.889		
7,400.00	6,945.57	6,913.68	6,913.40	42.57	29.54	96.49	1,589.12	933.93	3,417.36	3,349.85	67.51	50.617		
7,450.00	6,972.53	6,939.29	6,939.01	42.75	29.65	95.19	1,589.15	933.93	3,425.30	3,357.24	68.06	50.329		
7,500.00	6,996.30	6,961.93	6,961.64	42.95	29.74	94.08	1,589.19	933.90	3,432.85	3,364.21	68.63	50.017		
7,550.00	7,016.72	6,981.44	6,981.15	43.17	29.83	93.13	1,589.23	933.86	3,440.02	3,370.78	69.24	49.681		
7,600.00	7,033.66	6,997.69	6,997.41	43.43	29.89	92.30	1,589.27	933.82	3,446.84	3,376.95	69.88	49.325		
7,650.00	7,047.04	7,011.18	7,010.89	43.72	29.95	91.59	1,589.31	933.79	3,453.30	3,382.75	70.55	48.948		
7,700.00	7,056.76	7,021.07	7,020.78	44.05	29.99	90.96	1,589.33	933.77	3,459.42	3,388.18	71.24	48.558		
7,750.00	7,062.76	7,027.20	7,026.91	44.41	30.02	90.40	1,589.35	933.75	3,465.19	3,393.24	71.95	48.160		
7,799.36	7,065.00	7,029.54	7,029.25	44.81	30.03	89.92	1,589.35	933.75	3,470.53	3,397.87	72.66	47.766		
7,900.00	7,065.83	7,030.54	7,030.25	45.73	30.03	89.94	1,589.36	933.75	3,482.48	3,408.31	74.16	46.956		
8,000.00	7,066.66	7,031.53	7,031.24	46.83	30.04	89.95	1,589.36	933.75	3,497.17	3,421.40	75.77	46.154		
8,100.00	7,067.49	7,032.51	7,032.23	48.11	30.04	89.97	1,589.36	933.75	3,514.66	3,437.19	77.46	45.371		
8,200.00	7,068.31	7,033.49	7,033.20	49.55	30.05	89.99	1,589.36	933.74	3,534.88	3,455.66	79.22	44.619		
8,300.00	7,069.14	7,034.46	7,034.17	51.14	30.05	90.00	1,589.37	933.74	3,557.81	3,476.78	81.03	43.908		
8,400.00	7,069.96	7,035.42	7,035.13	52.86	30.05	90.02	1,589.37	933.74	3,583.37	3,500.51	82.86	43.244		
8,500.00	7,070.79	7,036.38	7,036.09	54.70	30.06	90.03	1,589.37	933.74	3,611.53	3,526.81	84.72	42.631		
8,600.00	7,071.61	7,037.33	7,037.04	56.64	30.06	90.05	1,589.37	933.74	3,642.21	3,555.65	86.57	42.073		
8,700.00	7,072.44	7,038.27	7,037.98	58.68	30.07	90.07	1,589.37	933.74	3,675.36	3,586.95	88.42	41.569		
8,800.00	7,073.27	7,039.20	7,038.92	60.78	30.07	90.08	1,589.38	933.74	3,710.91	3,620.67	90.24	41.122		
8,900.00	7,074.09	7,040.13	7,039.84	62.96	30.07	90.10	1,589.38	933.73	3,748.79	3,656.75	92.04	40.728		
9,000.00	7,074.92	7,041.06	7,040.77	65.19	30.08	90.11	1,589.38	933.73	3,788.93	3,695.12	93.81	40.388		

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

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

Offset Design Falken 9-11 PAD - SOUTHARD #2(PR) - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
9,100.00	7,075.74	7,041.97	7,041.68	67.48	30.08	90.13	1,589.38	933.73	3,831.26	3,735.72	95.55	40.099		
9,200.00	7,076.57	7,042.88	7,042.59	69.82	30.09	90.14	1,589.39	933.73	3,875.71	3,778.48	97.24	39.859		
9,300.00	7,077.40	7,043.79	7,043.50	72.19	30.09	90.16	1,589.39	933.73	3,922.21	3,823.33	98.88	39.666		
9,400.00	7,078.22	7,044.68	7,044.40	74.61	30.09	90.17	1,589.39	933.73	3,970.68	3,870.20	100.48	39.518		
9,500.00	7,079.05	7,045.57	7,045.29	77.05	30.10	90.19	1,589.39	933.73	4,021.05	3,919.03	102.02	39.413		
9,600.00	7,079.87	7,046.46	7,046.17	79.53	30.10	90.20	1,589.39	933.73	4,073.26	3,969.74	103.52	39.347		
9,700.00	7,080.70	7,047.34	7,047.05	82.03	30.11	90.22	1,589.40	933.73	4,127.22	4,022.26	104.96	39.320 SF		
9,800.00	7,081.53	7,048.21	7,047.93	84.55	30.11	90.23	1,589.40	933.72	4,182.88	4,076.53	106.36	39.329		
9,900.00	7,082.35	7,049.08	7,048.79	87.10	30.11	90.25	1,589.40	933.72	4,240.17	4,132.48	107.70	39.371		
10,000.00	7,083.18	7,049.94	7,049.65	89.67	30.12	90.26	1,589.40	933.72	4,299.03	4,190.04	108.99	39.445		
10,100.00	7,084.00	7,050.80	7,050.51	92.25	30.12	90.27	1,589.40	933.72	4,359.38	4,249.15	110.23	39.548		
10,200.00	7,084.83	7,051.65	7,051.36	94.86	30.12	90.29	1,589.41	933.72	4,421.17	4,309.75	111.42	39.680		
10,300.00	7,085.65	7,052.49	7,052.21	97.47	30.13	90.30	1,589.41	933.72	4,484.34	4,371.78	112.56	39.839		
10,400.00	7,086.48	7,053.33	7,053.04	100.10	30.13	90.32	1,589.41	933.72	4,548.83	4,435.17	113.66	40.022		
10,500.00	7,087.31	7,054.17	7,053.88	102.75	30.13	90.33	1,589.41	933.72	4,614.58	4,499.88	114.71	40.229		
10,600.00	7,088.13	7,054.99	7,054.71	105.40	30.14	90.34	1,589.41	933.72	4,681.55	4,565.84	115.71	40.458		
10,700.00	7,088.96	7,055.82	7,055.53	108.07	30.14	90.36	1,589.42	933.72	4,749.68	4,633.00	116.68	40.708		
10,800.00	7,089.78	7,056.63	7,056.35	110.75	30.14	90.37	1,589.42	933.72	4,818.92	4,701.32	117.60	40.977		
10,900.00	7,090.61	7,057.45	7,057.16	113.43	30.15	90.38	1,589.42	933.72	4,889.23	4,770.74	118.48	41.265		
11,000.00	7,091.44	7,058.25	7,057.97	116.13	30.15	90.40	1,589.42	933.72	4,960.55	4,841.22	119.33	41.570		
11,100.00	7,092.26	7,059.05	7,058.77	118.83	30.16	90.41	1,589.42	933.72	5,032.85	4,912.72	120.14	41.892		
11,200.00	7,093.09	7,059.85	7,059.56	121.54	30.16	90.42	1,589.43	933.72	5,106.09	4,985.18	120.91	42.229		
11,300.00	7,093.91	7,060.64	7,060.35	124.25	30.16	90.44	1,589.43	933.71	5,180.22	5,058.57	121.66	42.581		
11,400.00	7,094.74	7,061.43	7,061.14	126.98	30.17	90.45	1,589.43	933.71	5,255.21	5,132.84	122.37	42.947		
11,500.00	7,095.57	7,062.21	7,061.92	129.70	30.17	90.46	1,589.43	933.71	5,331.02	5,207.97	123.05	43.326		
11,600.00	7,096.39	7,062.99	7,062.70	132.44	30.17	90.48	1,589.43	933.71	5,407.61	5,283.92	123.70	43.717		
11,700.00	7,097.22	7,063.76	7,063.47	135.18	30.17	90.49	1,589.43	933.71	5,484.96	5,360.64	124.32	44.120		
11,800.00	7,098.04	7,064.52	7,064.24	137.92	30.18	90.50	1,589.44	933.71	5,563.03	5,438.12	124.92	44.534		
11,900.00	7,098.87	7,065.29	7,065.00	140.67	30.18	90.51	1,589.44	933.71	5,641.80	5,516.31	125.49	44.959		
12,000.00	7,099.69	7,066.04	7,065.75	143.43	30.18	90.53	1,589.44	933.71	5,721.22	5,595.19	126.04	45.394		
12,100.00	7,100.52	7,066.79	7,066.51	146.19	30.19	90.54	1,589.44	933.71	5,801.29	5,674.73	126.56	45.838		
12,200.00	7,101.35	7,067.54	7,067.25	148.95	30.19	90.55	1,589.44	933.71	5,881.96	5,754.90	127.06	46.291		
12,300.00	7,102.17	7,068.28	7,068.00	151.71	30.19	90.56	1,589.44	933.71	5,963.22	5,835.67	127.55	46.753		
12,400.00	7,103.00	7,069.02	7,068.73	154.48	30.20	90.58	1,589.45	933.71	6,045.04	5,917.03	128.01	47.223		
12,500.00	7,103.82	7,069.76	7,069.47	157.26	30.20	90.59	1,589.45	933.71	6,127.40	5,998.94	128.45	47.701		
12,600.00	7,104.65	7,070.48	7,070.20	160.03	30.20	90.60	1,589.45	933.71	6,210.28	6,081.39	128.88	48.186		
12,700.00	7,105.48	7,071.21	7,070.92	162.81	30.21	90.61	1,589.45	933.71	6,293.65	6,164.36	129.29	48.678		
12,800.00	7,106.30	7,071.93	7,071.64	165.59	30.21	90.62	1,589.45	933.71	6,377.50	6,247.82	129.68	49.177		
12,900.00	7,107.13	7,072.65	7,072.36	168.38	30.21	90.64	1,589.45	933.71	6,461.82	6,331.75	130.06	49.682		
13,000.00	7,107.95	7,073.36	7,073.07	171.16	30.22	90.65	1,589.46	933.71	6,546.57	6,416.14	130.43	50.193		
13,100.00	7,108.78	7,074.06	7,073.78	173.95	30.22	90.66	1,589.46	933.71	6,631.75	6,500.97	130.78	50.710		
13,200.00	7,109.61	7,074.77	7,074.48	176.74	30.22	90.67	1,589.46	933.71	6,717.34	6,586.22	131.11	51.233		
13,300.00	7,110.43	7,075.46	7,075.18	179.54	30.22	90.68	1,589.46	933.71	6,803.32	6,671.88	131.44	51.761		
13,368.87	7,111.00	7,075.94	7,075.66	181.46	30.23	90.69	1,589.46	933.71	6,862.75	6,731.09	131.65	52.127		

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

**Local Co-ordinate Reference:** Well Falken 30N-14B-S  
**TVD Reference:** GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)  
**MD Reference:** GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.45 sigma  
**Database:** EDM 5000.14 Single User Db  
**Offset TVD Reference:** Offset Datum

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

Offset Depths are relative to Offset Datum

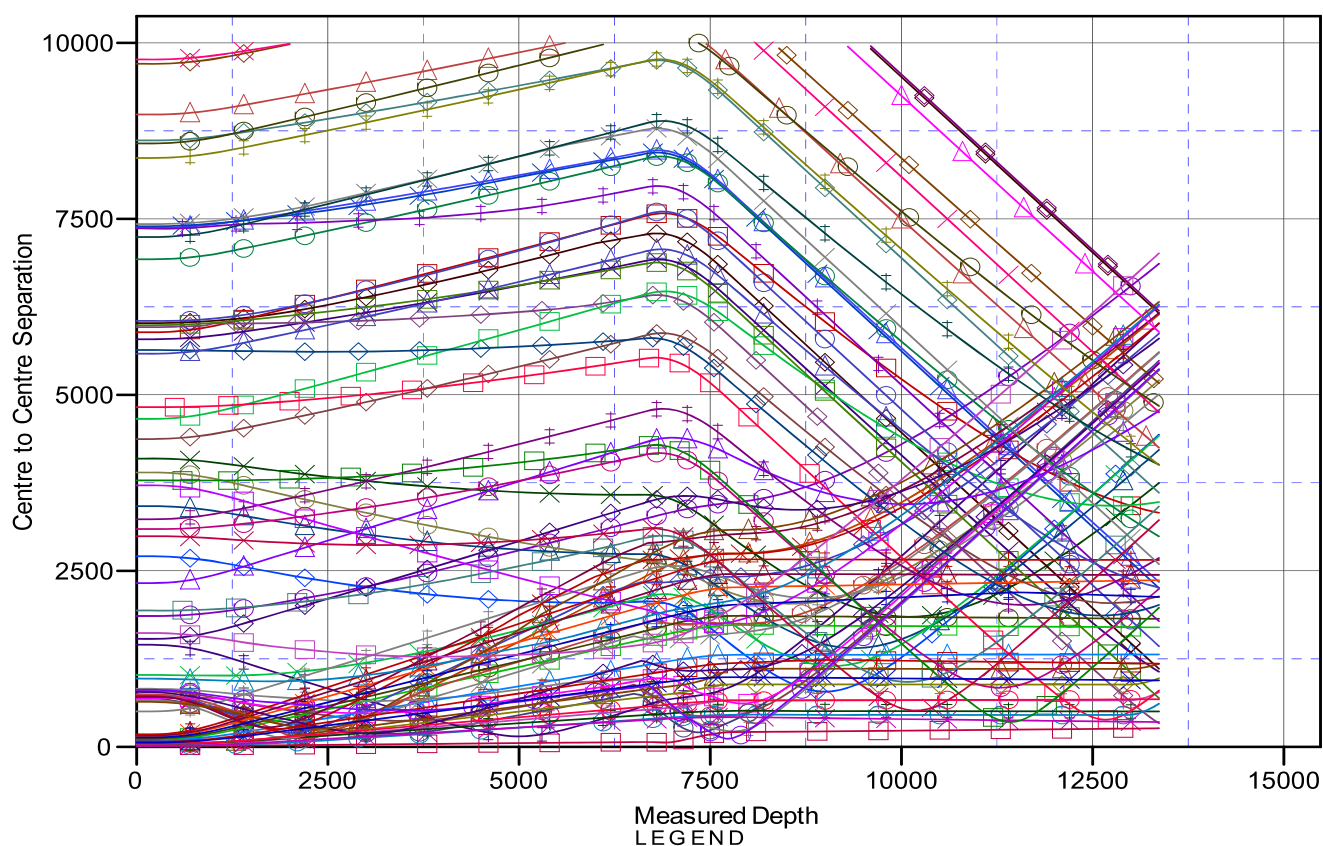
Central Meridian is -105.5000000

Coordinates are relative to: Falken 30N-14B-S

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.49°

## Ladder Plot



Fagerberg 15N-7A-M, OH, OH V0  
 CARLSON #14-2(S), OH, OH V0  
 Falken 31N-14B-S, OH, Plan#1 V0  
 Fagerberg 6C-7-M, OH, OH V0  
 Falken 4N-14C-S, OH, Plan #1 V0  
 ANDERSON #11-10-6-66(PA), OH, OH V0  
 Harvesters Resources #15R-323(PR), OH, OH V0  
 CARLSON #14-1(PR), OH, OH V0  
 OTTOSON #3(PR), OH, OH V0  
 Falken 33N-9A-L, OH, Plan#1 V0  
 Montera #10-34(PR), OH, OH V0  
 Fagerberg 36N-7B-M, OH, OH V0  
 ANDERSON #42-10(PR), OH, OH V0  
 SOUTHARD #2(PR), OH, OH V0  
 MONTERA #14-8, OH, OH V0  
 Harvesters Resources #15M-423(PR), OH, OH V0  
 POP #14-17, OH, OH V0  
 Fagerberg 23N(S)-7B-M, OH, OH V0  
 JOHNSON #11-16G(TA), OH, OH V0  
 Fagerberg 28N-18B-M, OH, OH V0  
 Fagerberg 11C-7-M, OH, OH V0  
 BLACKGOLD #5(PR), OH, OH V0  
 Falken 33C-9-L, OH, Plan #1 V0  
 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  
 Montera #10-33(PR), OH, OH 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  
 Falken 31C-14-S, Plan #1, Plan #1 V0  
 KRISTY #1(PA), OH, OH V0  
 Harvesters Resources #15R-243(PR), OH, OH V0  
 Harvesters Resources #15R-403(PR), OH, OH V0  
 Fagerberg 23N-7C-M, OH, OH V0  
 Harvesters Resources #15U-443(PR), OH, OH V0  
 Falken 4N-14A-S, OH, Plan#1 V0  
 BLACKGOLD PETROLEUM #1(PR), OH, OH V0  
 GLEESPE #11-1(PA), OH, OH V0  
 ANDERSON JANUARY #1(PR), OH, OH V0  
 Fagerberg 6N-7C-M, OH, OH V0  
 MONTERA #11-11(PR), OH, OH V0  
 OTTOSON #2(PA), OH, OH V0  
 MONTERA #11-14(PR), OH, OH V0  
 Falken 33N-9C-L, OH, Plan #1 V0  
 J.R. #1(PA), OH, OH V0  
 146 COMPANY #14-1, OH, OH V0  
 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  
 Jet#1, OH, OH V0  
 CARLSON #10-1(PA), OH, OH V0  
 Montera #10-43(S), OH, OH V0  
 ANDERSON #32-10(PR), OH, OH V0  
 JOHNSON #1(PA), OH, OH V0  
 MICHAEL #14-2, OH, OH V0  
 OTTOSON #12-12(PR), OH, OH V0  
 OTTOSON #12-25(PR), OH, OH V0  
 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 30N-14B-S  
**Well Error:** 3.28 ft  
**Reference Wellbore:** OH  
**Reference Design:** Plan #1

**Local Co-ordinate Reference:** Well Falken 30N-14B-S  
**TVD Reference:** GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)  
**MD Reference:** GL 4810 & KB 20 @ 4830.00ft ( ASSUMED)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.45 sigma  
**Database:** EDM 5000.14 Single User Db  
**Offset TVD Reference:** Offset Datum

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

Offset Depths are relative to Offset Datum

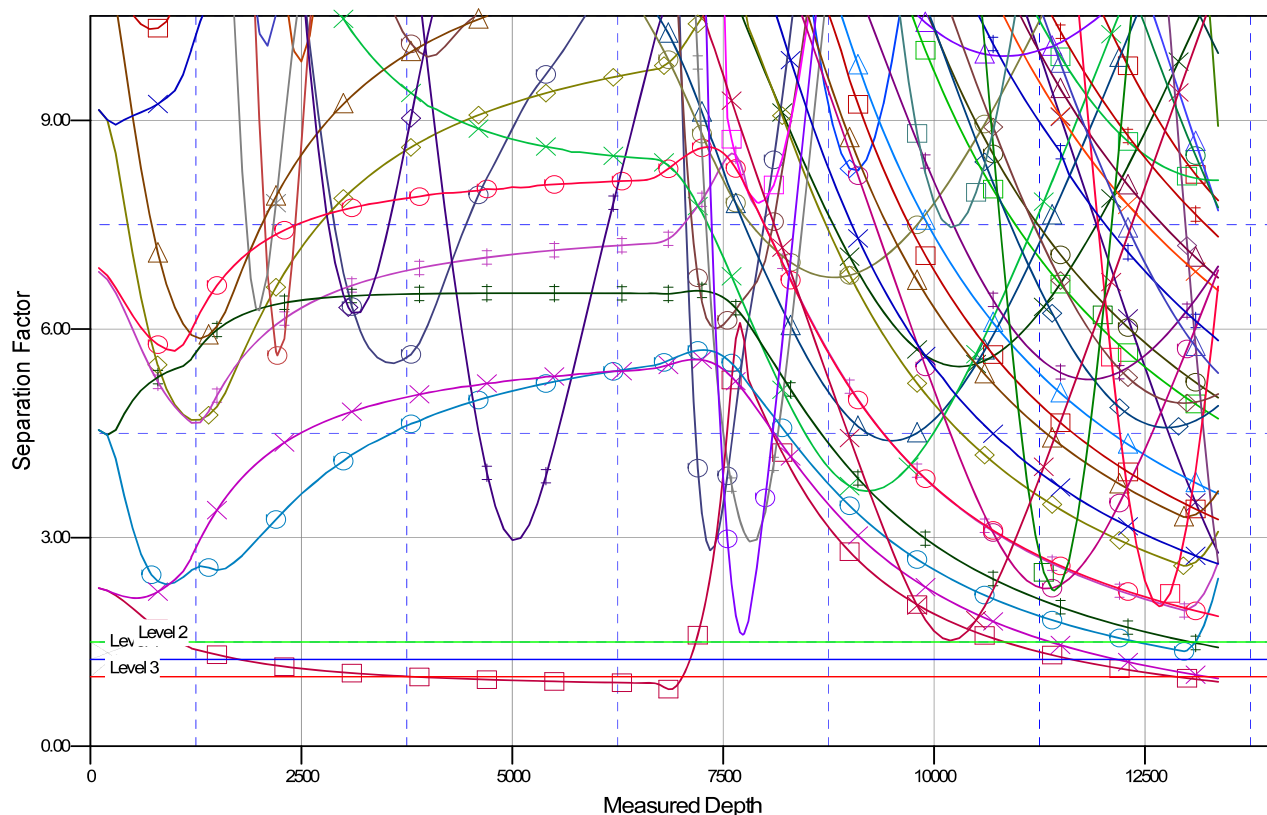
Central Meridian is -105.5000000

Coordinates are relative to: Falken 30N-14B-S

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.49°

## Separation Factor Plot



### LEGEND

Fagerberg 15N-7A-M, OH, OH V0	Merrit#6-66-9-0857BH(PR), OH, OH V0	Fagerberg 6N-7C-M, OH, OH V0
CARLSON #14-2(S), OH, OH V0	Falken 30C-14-S, OH, Plan#1 V0	MONTERA #11-11(PR), OH, OH V0
Falken 31N-14B-S, OH, Plan#1 V0	Falken 33N-9B-L, OH, Plan#1 V0	OTTOSON #2(PA), OH, OH V0
Fagerberg 6C-7-M, OH, OH V0	Harvesters Resources #15U-203(PR), OH, OH V0	MONTERA #11-14(PR), OH, OH V0
Falken 4N-14C-S, OH, Plan#1 V0	JOHNSON #2(PA), OH, OH V0	Falken 33N-9C-L, OH, Plan#1 V0
ANDERSON #1-10-6-66(PA), OH, OH V0	OPAL #1(PA), OH, OH V0	J.R. #1(PA), OH, OH V0
Harvesters Resources #15R-323(PR), OH, OH V0	Fagerberg 11N-7A-M, OH, OH V0	146 COMPANY #14-1, OH, OH V0
CARLSON #14-1(PR), OH, OH V0	Montera #10-33(PR), OH, OH V0	Merrit#6-66-9-0857CH(PR), OH, OH V0
OTTOSON #3(PR), OH, OH V0	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	Falken 31C-14-S, Plan#1 V0	CARLSON #10-1(PA), OH, OH V0
MONTERA #14-8, OH, OH V0	KRISTY #1(PA), OH, OH V0	Montera #10-43(S), OH, OH V0
Harvesters Resources #15M-423(PR), OH, OH V0	Harvesters Resources #15R-243(PR), OH, OH V0	ANDERSON #32-10(PR), OH, OH V0
POP #14-17, OH, OH V0	Fagerberg 23N-7C-M, OH, OH V0	JOHNSON #1(PA), OH, OH V0
Fagerberg 25N(S)-7B-M, OH, OH V0	Harvesters Resources #15U-443(PR), OH, OH V0	MICHAEL #14-2, OH, OH V0
JOHNSON #11-16G(TA), OH, OH V0	Falken 4N-14A-S, OH, Plan#1 V0	OTTOSON #12-12(PR), OH, OH V0
Fagerberg 28N-18B-M, OH, OH V0	BLACK GOLD PETROLEUM #1(PR), OH, OH V0	OTTOSON #12-25(PR), OH, OH V0
Fagerberg 11C-7-M, OH, OH V0	GLEESPE #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		Fagerberg 36C-7-M, OH, OH V0