



# **Synergy Resources Corporation**

**SEC 12-13 T6N R66W  
Falken 9-11 PAD  
Falken 34C-9-L**

**OH  
Plan #1**

## **Anticollision Report**

**25 April, 2017**



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

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

Survey Tool Program		Date	4/24/2017		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.00	19,118.11	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	12,660.81	7,208.94	2,349.72	1,939.94	5.734	CC
146 COMPANY #14-1 - OH - OH	12,700.00	7,209.04	2,350.05	1,939.25	5.721	ES
146 COMPANY #14-1 - OH - OH	12,900.00	7,209.54	2,361.87	1,946.55	5.687	SF
ANDERSON #1-10-6-66(PA) - OH - OH	14,123.88	7,250.58	326.21	-125.96	0.721	Level 1, CC, ES, SF
ANDERSON #32-10(PR) - OH - OH	15,496.44	7,308.01	2,952.87	2,459.99	5.991	CC
ANDERSON #32-10(PR) - OH - OH	15,600.00	7,307.75	2,954.68	2,458.93	5.960	ES
ANDERSON #32-10(PR) - OH - OH	15,800.00	7,307.25	2,968.43	2,467.97	5.931	SF
ANDERSON #42-10(PR) - OH - OH	14,152.95	7,278.65	2,762.28	2,308.31	6.085	CC
ANDERSON #42-10(PR) - OH - OH	14,200.00	7,278.77	2,762.68	2,307.36	6.068	ES
ANDERSON #42-10(PR) - OH - OH	14,500.00	7,279.52	2,784.00	2,321.45	6.019	SF
ANDERSON/JANUARY #1(PR) - OH - OH	12,798.29	7,268.28	1,560.11	1,144.43	3.753	CC
ANDERSON/JANUARY #1(PR) - OH - OH	12,800.00	7,268.29	1,560.11	1,144.38	3.753	ES
ANDERSON/JANUARY #1(PR) - OH - OH	12,900.00	7,268.54	1,563.42	1,145.01	3.737	SF
BLACK GOLD #5(PR) - OH - OH	17,403.48	7,288.74	1,022.27	476.06	1.872	CC, ES, SF
BLACK GOLD PETROLEUM #1(PR) - OH - OH	18,126.03	7,271.53	234.83	-331.29	0.415	Level 1, CC, ES, SF
BLACK GOLD PETROLEUM #2(SI) - OH - OH	18,167.87	7,276.32	1,575.27	1,229.05	4.550	CC
BLACK GOLD PETROLEUM #2(SI) - OH - OH	18,200.00	7,276.54	1,575.60	1,228.47	4.539	ES
BLACK GOLD PETROLEUM #2(SI) - OH - OH	18,300.00	7,277.22	1,580.80	1,231.69	4.528	SF
BLACKGOLD #3(PA) - OH - OH	16,967.42	7,269.65	236.86	-296.32	0.444	Level 1, CC, ES, SF
CARLSON #10-1(PA) - OH - OH	16,856.79	7,281.38	2,936.93	2,406.48	5.537	CC
CARLSON #10-1(PA) - OH - OH	16,900.00	7,281.48	2,937.25	2,405.56	5.524	ES
CARLSON #10-1(PA) - OH - OH	17,200.00	7,282.23	2,956.92	2,418.29	5.490	SF
CARLSON #14-1(PR) - OH - OH	9,064.00	7,268.53	1,264.71	1,169.50	13.283	CC
CARLSON #14-1(PR) - OH - OH	9,100.00	7,269.50	1,265.22	1,169.34	13.195	ES
CARLSON #14-1(PR) - OH - OH	9,300.00	7,274.89	1,286.53	1,187.50	12.992	SF
CARLSON #14-2(SI) - OH - OH	10,167.30	7,201.26	2,333.45	1,991.78	6.830	CC
CARLSON #14-2(SI) - OH - OH	10,200.00	7,201.18	2,333.68	1,991.23	6.815	ES
CARLSON #14-2(SI) - OH - OH	10,500.00	7,200.43	2,357.05	2,008.08	6.754	SF
Fagerberg 11C-7-M - OH - OH	2,459.56	2,403.19	45.83	22.92	2.000	CC, ES, SF
Fagerberg 11N-7A-M - OH - OH	2,221.28	2,172.02	43.57	22.03	2.023	CC, ES, SF
Fagerberg 15N-7A-M - OH - OH	7,350.00	7,374.07	293.35	220.83	4.045	ES, SF
Fagerberg 15N-7A-M - OH - OH	7,356.26	7,371.00	293.30	220.87	4.050	CC
Fagerberg 23N-7C-M - OH - OH	3,434.05	3,333.84	324.37	291.70	9.929	CC
Fagerberg 23N-7C-M - OH - OH	3,500.00	3,397.94	324.87	291.54	9.747	ES
Fagerberg 23N-7C-M - OH - OH	7,350.00	7,601.11	583.03	510.96	8.089	SF
Fagerberg 25N(S)-7B-M - OH - OH	2,260.67	2,211.42	145.57	123.85	6.702	CC, ES
Fagerberg 25N(S)-7B-M - OH - OH	2,300.00	2,245.32	146.82	124.73	6.647	SF

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

## Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
Falken 9-11 PAD						
Fagerberg 25N-7B-M - OH - OH	1,878.16	1,850.85	247.23	228.43	13.150	CC, ES
Fagerberg 25N-7B-M - OH - OH	2,000.00	1,957.10	255.28	235.33	12.800	SF
Fagerberg 25N-7C-M - OH - OH	2,047.23	2,014.36	207.29	187.47	10.458	CC, ES
Fagerberg 25N-7C-M - OH - OH	2,100.00	2,058.91	209.16	188.86	10.299	SF
Fagerberg 28N-18B-M - OH - OH	7,807.26	7,391.46	723.02	647.54	9.580	CC, ES
Fagerberg 28N-18B-M - OH - OH	7,900.00	7,346.17	726.23	650.15	9.546	SF
Fagerberg 36C-7-M - OH - OH	7,662.88	7,439.69	374.92	302.10	5.149	CC, ES, SF
Fagerberg 36N-7B-M - OH - OH	7,416.83	7,543.17	62.56	-10.01	0.862	Level 1, CC, ES, SF
Fagerberg 3C-18-M - OH - OH	2,118.97	1,933.92	637.86	618.99	33.802	CC, ES
Fagerberg 3C-18-M - OH - OH	8,200.00	7,074.00	1,147.12	1,067.65	14.434	SF
Fagerberg 6C-7-M - OH - OH	2,685.39	2,590.52	171.89	146.78	6.846	CC, ES
Fagerberg 6C-7-M - OH - OH	2,700.00	2,602.58	172.07	146.82	6.815	SF
Fagerberg 6N-7C-M - OH - OH	2,655.11	2,561.00	189.26	164.38	7.608	CC, ES
Fagerberg 6N-7C-M - OH - OH	2,700.00	2,598.88	190.47	165.19	7.533	SF
Falken 16C-9-L - OH - Plan #1	300.00	300.00	30.24	23.35	4.389	CC
Falken 16C-9-L - OH - Plan #1	19,118.22	19,045.40	410.95	-273.07	0.601	Level 1, ES, SF
Falken 16N-9B-L - OH - Plan #1	501.64	502.19	11.88	4.29	1.566	CC
Falken 16N-9B-L - OH - Plan #1	18,300.00	18,108.38	191.63	-206.98	0.481	Level 1, ES
Falken 16N-9B-L - OH - Plan #1	19,000.00	18,808.03	179.41	-200.49	0.472	Level 1, SF
Falken 30C-14-S - OH - Plan #1	200.00	200.00	44.81	38.13	6.714	CC, ES
Falken 30C-14-S - OH - Plan #1	13,400.00	13,518.18	691.61	332.07	1.924	SF
Falken 30N-14B-S - OH - Plan #1	200.00	200.00	29.87	23.20	4.476	CC, ES
Falken 30N-14B-S - OH - Plan #1	13,429.84	13,371.37	503.17	149.07	1.421	Level 3, SF
Falken 31C-14-S - Plan #1 - Plan #1	300.00	300.00	104.92	98.03	15.229	CC
Falken 31C-14-S - Plan #1 - Plan #1	400.00	396.79	105.20	98.00	14.622	ES
Falken 31C-14-S - Plan #1 - Plan #1	13,100.00	13,480.77	1,583.35	1,241.48	4.631	SF
Falken 31N-14B-S - OH - Plan #1	300.00	300.00	89.99	83.10	13.061	CC
Falken 31N-14B-S - OH - Plan #1	400.00	397.27	90.24	83.05	12.542	ES
Falken 31N-14B-S - OH - Plan #1	13,100.00	13,256.62	1,380.35	1,038.73	4.041	SF
Falken 32C-9-L - OH - Plan #1	200.00	200.00	150.10	143.42	22.490	CC, ES
Falken 32C-9-L - OH - Plan #1	19,118.22	19,027.65	2,158.88	1,474.55	3.155	SF
Falken 32N-9B-L - OH - Plan #1	300.00	300.00	135.16	128.27	19.618	CC, ES
Falken 32N-9B-L - OH - Plan #1	19,118.22	18,845.59	1,953.21	1,271.67	2.866	SF
Falken 33C-9-L - OH - Plan #1	300.00	300.00	60.11	53.22	8.725	CC, ES
Falken 33C-9-L - OH - Plan #1	19,118.22	19,013.43	832.05	147.67	1.216	Level 2, SF
Falken 33N-9A-L - OH - Plan #1	322.99	323.44	74.73	67.78	10.753	CC, ES
Falken 33N-9A-L - OH - Plan #1	19,118.22	18,702.14	1,209.53	543.80	1.817	SF
Falken 33N-9B-L - OH - Plan #1	300.00	300.00	89.98	83.09	13.060	CC, ES
Falken 33N-9B-L - OH - Plan #1	19,118.22	18,837.15	1,305.83	626.57	1.922	SF
Falken 33N-9C-L - OH - Plan #1	442.70	444.22	43.16	35.80	5.866	CC
Falken 33N-9C-L - OH - Plan #1	19,118.22	18,922.24	640.34	-34.18	0.949	Level 1, ES, SF
Falken 34N-9C-L - OH - Plan #1	200.00	200.00	14.93	8.26	2.237	CC
Falken 34N-9C-L - OH - Plan #1	19,118.22	19,017.85	228.74	-386.53	0.372	Level 1, ES, SF
Falken 4N-14A-S - OH - Plan #1	300.00	300.00	59.75	52.86	8.672	CC
Falken 4N-14A-S - OH - Plan #1	400.00	398.24	59.96	52.77	8.333	ES
Falken 4N-14A-S - OH - Plan #1	13,024.79	13,012.21	957.62	625.26	2.881	SF
Falken 4N-14C-S - OH - Plan #1	200.00	200.00	74.68	68.01	11.190	CC, ES
Falken 4N-14C-S - OH - Plan #1	13,025.97	13,220.96	1,146.88	805.76	3.362	SF
Falken 9C-9-L - OH - Plan #1	233.24	233.24	105.29	98.56	15.638	CC
Falken 9C-9-L - OH - Plan #1	300.00	299.97	105.31	98.42	15.290	ES
Falken 9C-9-L - OH - Plan #1	19,118.22	19,025.91	1,429.46	744.65	2.087	SF
Falken 9N-9C-L - OH - Plan #1	200.00	200.00	120.23	113.55	18.014	CC, ES
Falken 9N-9C-L - OH - Plan #1	19,118.22	18,906.26	1,732.48	1,049.39	2.536	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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</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						
GILLESPIE #11-1(PA) - OH - OH	300.00	304.00	2,306.46	2,293.56	178.806	CC
GILLESPIE #11-1(PA) - OH - OH	400.00	404.02	2,308.20	2,291.82	140.884	ES
GILLESPIE #11-1(PA) - OH - OH	10,700.00	7,236.07	3,019.20	2,663.14	8.480	SF
Harvesters Resources #15M-303(PR) - OH - OH	16,013.85	6,891.21	694.43	457.70	2.933	CC, ES, SF
Harvesters Resources #15M-423(PR) - OH - OH	15,680.91	6,941.04	637.09	399.39	2.680	CC
Harvesters Resources #15M-423(PR) - OH - OH	15,700.00	6,940.95	637.37	399.36	2.678	ES, SF
Harvesters Resources #15R-243(PR) - OH - OH	15,197.69	6,880.79	693.61	476.20	3.190	CC
Harvesters Resources #15R-243(PR) - OH - OH	15,200.00	6,880.80	693.61	476.14	3.189	ES, SF
Harvesters Resources #15R-323(PR) - OH - OH	14,520.53	6,900.00	662.16	460.46	3.283	CC, ES, SF
Harvesters Resources #15R-403(PR) - OH - OH	14,851.33	7,000.00	621.94	398.07	2.778	CC, ES, SF
Harvesters Resources #15U-203(PR) - OH - OH	13,645.21	6,862.91	706.11	527.69	3.958	CC, ES
Harvesters Resources #15U-203(PR) - OH - OH	13,700.00	6,862.93	708.23	528.84	3.948	SF
Harvesters Resources #15U-443(PR) - OH - OH	14,106.10	6,937.67	619.40	422.21	3.141	CC, ES, SF
J.R. #1(PA) - OH - OH	300.00	206.00	1,504.33	1,494.53	153.467	CC
J.R. #1(PA) - OH - OH	400.00	305.98	1,505.79	1,492.68	114.804	ES
J.R. #1(PA) - OH - OH	9,300.00	7,142.58	2,944.31	2,626.72	9.271	SF
Jeff #1 - OH - OH	11,484.76	7,221.88	838.94	680.70	5.302	CC
Jeff #1 - OH - OH	11,500.00	7,221.96	839.07	680.51	5.292	ES, SF
JOHNSON #1(PA) - OH - OH	10,142.61	7,233.86	442.46	320.40	3.625	CC, ES
JOHNSON #1(PA) - OH - OH	10,200.00	7,234.14	446.16	322.69	3.614	SF
JOHNSON #11-16G6(TA) - OH - OH	9,162.51	7,217.24	664.68	347.70	2.097	CC
JOHNSON #11-16G6(TA) - OH - OH	9,200.00	7,217.34	665.73	347.66	2.093	ES, SF
JOHNSON #2(PA) - OH - OH	0.00	0.00	487.00			
JOHNSON #2(PA) - OH - OH	100.00	79.47	487.01	480.44	74.130	ES
JOHNSON #2(PA) - OH - OH	9,400.00	7,223.62	1,707.00	1,604.74	16.692	SF
KRISTY #1(PA) - OH - OH	12,726.73	7,226.76	871.91	679.35	4.528	CC, ES
KRISTY #1(PA) - OH - OH	12,800.00	7,226.78	874.98	681.21	4.515	SF
Merritt #6-66-9-0758CDH(PR) - OH - OH	19,118.22	11,976.00	489.08	302.23	2.618	CC, ES, SF
Merritt #6-66-9-0857CH(PR) - OH - OH	19,118.22	11,988.00	240.92	-34.19	0.876	Level 1, CC, ES, SF
Merritt #6-66-9-0857BH(PR) - OH - OH	19,118.22	11,790.00	487.42	291.59	2.489	CC, ES, SF
MICHAEL I #14-2 - OH - OH	10,249.29	7,217.94	1,000.62	656.22	2.905	CC, ES
MICHAEL I #14-2 - OH - OH	10,300.00	7,218.07	1,001.91	656.48	2.901	SF
Montera #10-33(PR) - OH - OH	15,339.74	7,268.60	1,817.24	1,330.17	3.731	CC
Montera #10-33(PR) - OH - OH	15,400.00	7,268.75	1,818.24	1,329.49	3.720	ES
Montera #10-33(PR) - OH - OH	15,500.00	7,269.00	1,824.29	1,333.33	3.716	SF
Montera #10-34(PR) - OH - OH	15,693.73	7,256.48	120.75	-375.90	0.243	Level 1, CC, ES, SF
Montera #10-43(SI) - OH - OH	14,003.28	7,258.28	1,702.79	1,253.74	3.792	CC, ES
Montera #10-43(SI) - OH - OH	14,100.00	7,258.52	1,705.54	1,253.89	3.776	SF
MONTERA I #11-11(PR) - OH - OH	11,658.31	7,258.45	1,532.84	1,149.04	3.994	CC
MONTERA I #11-11(PR) - OH - OH	11,700.00	7,258.55	1,533.40	1,148.41	3.983	ES
MONTERA I #11-11(PR) - OH - OH	11,800.00	7,258.80	1,539.37	1,151.88	3.973	SF
MONTERA I #11-14(PR) - OH - OH	11,348.10	7,239.68	356.38	-18.27	0.951	Level 1, CC, ES, SF
MONTERA I #14-8 - OH - OH	8,633.23	7,212.93	2,518.25	2,213.32	8.258	CC
MONTERA I #14-8 - OH - OH	8,700.00	7,213.09	2,519.13	2,212.94	8.227	ES
MONTERA I #14-8 - OH - OH	9,000.00	7,213.84	2,544.81	2,232.93	8.160	SF
OPAL #1(PA) - OH - OH	12,816.26	7,285.33	2,940.79	2,524.01	7.056	CC
OPAL #1(PA) - OH - OH	12,900.00	7,285.54	2,941.98	2,522.84	7.019	ES
OPAL #1(PA) - OH - OH	13,200.00	7,286.28	2,965.72	2,539.18	6.953	SF
OTTOSON #2(PA) - OH - OH	7,603.28	7,199.60	2,224.47	2,155.73	32.357	CC, ES
OTTOSON #2(PA) - OH - OH	8,300.00	7,244.79	2,379.46	2,303.89	31.489	SF
OTTOSON #3(PR) - OH - OH	5,915.99	5,668.82	80.65	23.70	1.416	Level 3, CC, ES, SF
OTTOSON I #12-12(PR) - OH - OH	2,489.26	2,383.08	849.99	826.50	36.185	CC
OTTOSON I #12-12(PR) - OH - OH	2,600.00	2,487.59	850.71	826.18	34.682	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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

## Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
Falken 9-11 PAD						
OTTOSON I #12-12(PR) - OH - OH	8,000.00	7,213.34	1,644.00	1,568.60	21.805	SF
OTTOSON I #12-25(PR) - OH - OH	6,129.76	5,864.69	1,088.45	1,029.12	18.346	CC
OTTOSON I #12-25(PR) - OH - OH	6,300.00	6,032.39	1,088.95	1,027.95	17.850	ES
OTTOSON I #12-25(PR) - OH - OH	6,850.00	6,582.27	1,106.27	1,040.05	16.705	SF
POP I #14-17 - OH - OH	9,451.17	7,211.96	1,888.25	1,564.46	5.832	CC
POP I #14-17 - OH - OH	9,500.00	7,212.08	1,888.88	1,564.03	5.815	ES
POP I #14-17 - OH - OH	9,700.00	7,212.58	1,904.58	1,575.68	5.791	SF
SOUTH WOODS #10-3(PA) - OH - OH	16,787.84	7,251.20	1,694.76	1,167.32	3.213	CC
SOUTH WOODS #10-3(PA) - OH - OH	16,800.00	7,251.24	1,694.81	1,167.01	3.211	ES
SOUTH WOODS #10-3(PA) - OH - OH	16,900.00	7,251.48	1,698.47	1,168.25	3.203	SF
SOUTHARD #2(PR) - OH - OH	100.00	66.62	1,832.90	1,826.34	279.070	CC
SOUTHARD #2(PR) - OH - OH	312.40	286.45	1,833.08	1,826.18	265.874	ES
SOUTHARD #2(PR) - OH - OH	9,300.00	7,203.01	3,472.41	3,376.50	36.205	SF

<b>Offset Design</b>													Offset Site Error:	0.00 ft
Falken 9-11 PAD - 146 COMPANY #14-1 - OH - OH													Offset Well Error:	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-131.45	-3,746.52	-4,241.65	5,659.44					
100.00	100.00	64.00	64.00	3.28	3.47	-131.45	-3,746.52	-4,241.65	5,659.33	5,652.58	6.75	838.451		
200.00	200.00	164.00	164.00	3.34	5.16	-131.45	-3,746.52	-4,241.65	5,659.33	5,650.83	8.49	666.255		
300.00	300.00	264.00	264.00	3.44	8.16	-131.45	-3,746.52	-4,241.65	5,659.33	5,647.72	11.60	487.706		
400.00	399.98	363.98	363.98	3.60	11.44	92.16	-3,746.52	-4,241.65	5,659.39	5,644.35	15.04	376.345		
500.00	499.84	463.84	463.84	3.79	14.81	92.21	-3,746.52	-4,241.65	5,659.59	5,640.99	18.60	304.241		
600.00	599.45	563.45	563.45	4.03	18.22	92.29	-3,746.52	-4,241.65	5,659.94	5,637.69	22.24	254.456		
700.00	698.70	662.70	662.70	4.30	21.64	92.41	-3,746.52	-4,241.65	5,660.44	5,634.51	25.93	218.276		
800.00	797.47	761.47	761.47	4.60	25.05	92.55	-3,746.52	-4,241.65	5,661.12	5,631.47	29.65	190.906		
900.00	895.62	859.62	859.62	4.94	28.45	92.72	-3,746.52	-4,241.65	5,662.02	5,628.62	33.40	169.535		
1,000.00	993.06	957.06	957.06	5.32	31.83	92.92	-3,746.52	-4,241.65	5,663.15	5,626.00	37.16	152.417		
1,100.00	1,089.64	1,053.64	1,053.64	5.73	35.19	93.14	-3,746.52	-4,241.65	5,664.57	5,623.65	40.92	138.418		
1,131.50	1,119.87	1,083.87	1,083.87	5.87	36.24	93.22	-3,746.52	-4,241.65	5,665.08	5,622.97	42.11	134.526		
1,200.00	1,185.51	1,149.51	1,149.51	6.18	38.52	93.41	-3,746.52	-4,241.65	5,666.26	5,621.56	44.70	126.758		
1,300.00	1,281.33	1,245.33	1,245.33	6.65	41.86	93.68	-3,746.52	-4,241.65	5,668.11	5,619.61	48.50	116.860		
1,400.00	1,377.14	1,341.14	1,341.14	7.13	45.19	93.96	-3,746.52	-4,241.65	5,670.10	5,617.78	52.32	108.364		
1,500.00	1,472.96	1,436.96	1,436.96	7.63	48.53	94.24	-3,746.52	-4,241.65	5,672.24	5,616.07	56.16	100.999		
1,600.00	1,568.78	1,532.78	1,532.78	8.14	51.87	94.51	-3,746.52	-4,241.65	5,674.51	5,614.50	60.01	94.559		
1,700.00	1,664.60	1,628.60	1,628.60	8.66	55.21	94.79	-3,746.52	-4,241.65	5,676.93	5,613.07	63.87	88.884		
1,800.00	1,760.41	1,724.41	1,724.41	9.19	58.55	95.07	-3,746.52	-4,241.65	5,679.50	5,611.76	67.74	83.846		
1,900.00	1,856.23	1,820.23	1,820.23	9.73	61.89	95.34	-3,746.52	-4,241.65	5,682.21	5,610.59	71.61	79.347		
2,000.00	1,952.05	1,916.05	1,916.05	10.27	65.23	95.62	-3,746.52	-4,241.65	5,685.06	5,609.56	75.49	75.306		
2,100.00	2,047.86	2,011.86	2,011.86	10.81	68.57	95.89	-3,746.52	-4,241.65	5,688.05	5,608.67	79.38	71.657		
2,200.00	2,143.68	2,107.68	2,107.68	11.36	71.91	96.17	-3,746.52	-4,241.65	5,691.19	5,607.92	83.27	68.348		
2,300.00	2,239.50	2,203.50	2,203.50	11.92	75.25	96.44	-3,746.52	-4,241.65	5,694.46	5,607.30	87.16	65.332		
2,400.00	2,335.32	2,300.68	2,299.32	12.47	78.64	96.71	-3,746.52	-4,241.65	5,697.88	5,606.78	91.11	62.541		
2,500.00	2,431.13	2,404.87	2,395.13	13.03	82.27	96.99	-3,746.52	-4,241.65	5,701.44	5,606.15	95.30	59.828		
2,600.00	2,526.95	2,509.05	2,490.95	13.59	85.91	97.26	-3,746.52	-4,241.65	5,705.14	5,605.65	99.49	57.343		
2,700.00	2,622.77	2,586.77	2,586.77	14.15	88.62	97.54	-3,746.52	-4,241.65	5,708.99	5,606.22	102.76	55.555		
2,800.00	2,718.59	2,682.59	2,682.59	14.72	91.96	97.81	-3,746.52	-4,241.65	5,712.97	5,606.30	106.67	53.558		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
2,900.00	2,814.40	2,778.40	2,778.40	15.29	95.31	98.08	-3,746.52	-4,241.65	5,717.10	5,606.52	110.58	51.703		
3,000.00	2,910.22	2,874.22	2,874.22	15.85	98.65	98.35	-3,746.52	-4,241.65	5,721.36	5,606.88	114.48	49.975		
3,100.00	3,006.04	2,970.04	2,970.04	16.42	101.99	98.62	-3,746.52	-4,241.65	5,725.77	5,607.37	118.39	48.362		
3,200.00	3,101.85	3,065.85	3,065.85	16.99	105.33	98.90	-3,746.52	-4,241.65	5,730.31	5,608.01	122.30	46.853		
3,300.00	3,197.67	3,161.67	3,161.67	17.56	108.68	99.17	-3,746.52	-4,241.65	5,734.99	5,608.78	126.22	45.438		
3,400.00	3,293.49	3,257.49	3,257.49	18.14	112.02	99.44	-3,746.52	-4,241.65	5,739.82	5,609.69	130.13	44.109		
3,500.00	3,389.31	3,353.31	3,353.31	18.71	115.37	99.71	-3,746.52	-4,241.65	5,744.78	5,610.74	134.04	42.858		
3,600.00	3,485.12	3,449.12	3,449.12	19.28	118.71	99.98	-3,746.52	-4,241.65	5,749.88	5,611.92	137.95	41.680		
3,700.00	3,580.94	3,544.94	3,544.94	19.86	122.05	100.25	-3,746.52	-4,241.65	5,755.11	5,613.24	141.87	40.567		
3,800.00	3,676.76	3,640.76	3,640.76	20.43	125.40	100.52	-3,746.52	-4,241.65	5,760.49	5,614.70	145.78	39.514		
3,900.00	3,772.58	3,736.58	3,736.58	21.01	128.74	100.78	-3,746.52	-4,241.65	5,766.00	5,616.30	149.70	38.518		
4,000.00	3,868.39	3,832.39	3,832.39	21.58	132.08	101.05	-3,746.52	-4,241.65	5,771.65	5,618.03	153.61	37.573		
4,100.00	3,964.21	3,928.21	3,928.21	22.16	135.43	101.32	-3,746.52	-4,241.65	5,777.43	5,619.90	157.53	36.676		
4,200.00	4,060.03	4,024.03	4,024.03	22.74	138.77	101.59	-3,746.52	-4,241.65	5,783.35	5,621.91	161.44	35.823		
4,300.00	4,155.85	4,119.85	4,119.85	23.32	142.12	101.85	-3,746.52	-4,241.65	5,789.40	5,624.05	165.36	35.012		
4,400.00	4,251.66	4,215.66	4,215.66	23.89	145.46	102.12	-3,746.52	-4,241.65	5,795.59	5,626.32	169.27	34.239		
4,500.00	4,347.48	4,311.48	4,311.48	24.47	148.80	102.38	-3,746.52	-4,241.65	5,801.92	5,628.73	173.19	33.501		
4,600.00	4,443.30	4,407.30	4,407.30	25.05	152.15	102.65	-3,746.52	-4,241.65	5,808.38	5,631.28	177.10	32.797		
4,700.00	4,539.11	4,503.11	4,503.11	25.63	155.49	102.91	-3,746.52	-4,241.65	5,814.97	5,633.96	181.02	32.124		
4,800.00	4,634.93	4,601.07	4,598.93	26.21	158.91	103.18	-3,746.52	-4,241.65	5,821.70	5,636.69	185.01	31.468		
4,900.00	4,730.75	4,705.25	4,694.75	26.79	162.55	103.44	-3,746.52	-4,241.65	5,828.56	5,639.34	189.21	30.804		
5,000.00	4,826.57	4,809.43	4,790.57	27.37	166.18	103.70	-3,746.52	-4,241.65	5,835.55	5,642.13	193.42	30.171		
5,100.00	4,922.38	4,886.38	4,886.38	27.95	168.87	103.96	-3,746.52	-4,241.65	5,842.67	5,646.00	196.67	29.707		
5,200.00	5,018.20	4,982.20	4,982.20	28.53	172.21	104.22	-3,746.52	-4,241.65	5,849.92	5,649.34	200.59	29.164		
5,300.00	5,114.02	5,078.02	5,078.02	29.11	175.56	104.49	-3,746.52	-4,241.65	5,857.31	5,652.81	204.50	28.642		
5,400.00	5,209.84	5,173.84	5,173.84	29.69	178.90	104.75	-3,746.52	-4,241.65	5,864.82	5,656.41	208.42	28.140		
5,500.00	5,305.65	5,269.65	5,269.65	30.27	182.25	105.00	-3,746.52	-4,241.65	5,872.47	5,660.14	212.33	27.657		
5,600.00	5,401.47	5,365.47	5,365.47	30.86	185.59	105.26	-3,746.52	-4,241.65	5,880.24	5,664.00	216.24	27.193		
5,700.00	5,497.29	5,461.29	5,461.29	31.44	188.94	105.52	-3,746.52	-4,241.65	5,888.15	5,667.99	220.15	26.746		
5,800.00	5,593.10	5,557.10	5,557.10	32.02	192.28	105.78	-3,746.52	-4,241.65	5,896.18	5,672.11	224.07	26.314		
5,900.00	5,688.92	5,652.92	5,652.92	32.60	195.63	106.04	-3,746.52	-4,241.65	5,904.34	5,676.36	227.98	25.899		
6,000.00	5,784.74	5,748.74	5,748.74	33.18	198.97	106.29	-3,746.52	-4,241.65	5,912.63	5,680.74	231.89	25.498		
6,100.00	5,880.56	5,844.56	5,844.56	33.76	202.31	106.55	-3,746.52	-4,241.65	5,921.04	5,685.24	235.80	25.110		
6,200.00	5,976.37	5,940.37	5,940.37	34.35	205.66	106.80	-3,746.52	-4,241.65	5,929.58	5,689.87	239.71	24.736		
6,300.00	6,072.19	6,036.19	6,036.19	34.93	209.00	107.06	-3,746.52	-4,241.65	5,938.24	5,694.62	243.62	24.375		
6,400.00	6,168.01	6,132.01	6,132.01	35.51	212.35	107.31	-3,746.52	-4,241.65	5,947.03	5,699.50	247.53	24.025		
6,500.00	6,263.83	6,227.83	6,227.83	36.09	215.69	107.56	-3,746.52	-4,241.65	5,955.95	5,704.51	251.44	23.687		
6,600.00	6,359.64	6,323.64	6,323.64	36.68	219.04	107.82	-3,746.52	-4,241.65	5,964.99	5,709.64	255.35	23.360		
6,700.00	6,455.46	6,419.46	6,419.46	37.26	222.38	108.07	-3,746.52	-4,241.65	5,974.15	5,714.89	259.26	23.043		
6,733.48	6,487.54	6,451.54	6,451.54	37.45	223.50	108.15	-3,746.52	-4,241.65	5,977.25	5,716.68	260.57	22.939		
6,750.00	6,503.41	6,467.41	6,467.41	37.55	224.06	104.34	-3,746.52	-4,241.65	5,978.58	5,717.37	261.21	22.888		
6,800.00	6,551.83	6,515.83	6,515.83	37.82	225.75	89.56	-3,746.52	-4,241.65	5,980.27	5,717.11	263.16	22.724		
6,850.00	6,600.62	6,564.62	6,564.62	38.05	227.45	70.21	-3,746.52	-4,241.65	5,978.40	5,713.30	265.10	22.551		
6,900.00	6,649.47	6,613.47	6,613.47	38.25	229.15	49.70	-3,746.52	-4,241.65	5,972.97	5,705.97	267.01	22.370		
6,950.00	6,698.08	6,662.08	6,662.08	38.42	230.85	32.48	-3,746.52	-4,241.65	5,964.01	5,695.14	268.87	22.182		
7,000.00	6,746.15	6,710.15	6,710.15	38.57	232.53	19.86	-3,746.52	-4,241.65	5,951.57	5,680.87	270.69	21.986		
7,050.00	6,793.39	6,757.39	6,757.39	38.71	234.18	10.83	-3,746.52	-4,241.65	5,935.72	5,663.25	272.47	21.785		
7,100.00	6,839.50	6,803.50	6,803.50	38.84	235.79	4.12	-3,746.52	-4,241.65	5,916.55	5,642.35	274.19	21.578		
7,150.00	6,884.20	6,848.20	6,848.20	38.97	237.35	-1.14	-3,746.52	-4,241.65	5,894.18	5,618.32	275.86	21.367		
7,200.00	6,927.21	6,908.79	6,891.21	39.11	239.46	-5.56	-3,746.52	-4,241.65	5,868.74	5,590.68	278.07	21.105		
7,250.00	6,968.28	6,932.28	6,932.28	39.25	240.28	-9.52	-3,746.52	-4,241.65	5,840.41	5,561.43	278.98	20.935		
7,300.00	7,007.13	6,971.13	6,971.13	39.41	241.64	-13.30	-3,746.52	-4,241.65	5,809.34	5,528.92	280.43	20.716		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
7,350.00	7,043.55	7,007.55	7,007.55	39.58	242.91	-17.10	-3,746.52	-4,241.65	5,775.75	5,493.96	281.79	20.497		
7,400.00	7,077.29	7,041.29	7,041.29	39.77	244.09	-21.11	-3,746.52	-4,241.65	5,739.83	5,456.77	283.06	20.278		
7,450.00	7,108.16	7,072.16	7,072.16	39.98	245.17	-25.51	-3,746.52	-4,241.65	5,701.83	5,417.60	284.23	20.060		
7,500.00	7,135.96	7,100.04	7,099.96	40.22	246.14	-30.49	-3,746.52	-4,241.65	5,661.98	5,376.67	285.31	19.845		
7,550.00	7,160.53	7,124.53	7,124.53	40.49	246.99	-36.22	-3,746.52	-4,241.65	5,620.54	5,334.27	286.27	19.634		
7,600.00	7,181.70	7,145.70	7,145.70	40.79	247.73	-42.88	-3,746.52	-4,241.65	5,577.78	5,290.66	287.13	19.426		
7,650.00	7,199.35	7,163.35	7,163.35	41.13	248.35	-50.59	-3,746.52	-4,241.65	5,533.97	5,246.10	287.87	19.224		
7,700.00	7,213.38	7,177.38	7,177.38	41.51	248.84	-59.32	-3,746.52	-4,241.65	5,489.40	5,200.90	288.50	19.028		
7,750.00	7,223.68	7,187.68	7,187.68	41.93	249.20	-68.82	-3,746.52	-4,241.65	5,444.34	5,155.34	289.00	18.838		
7,800.00	7,230.21	7,205.79	7,194.21	42.38	249.83	-78.63	-3,746.52	-4,241.65	5,399.11	5,109.31	289.80	18.631		
7,850.00	7,232.92	7,203.08	7,196.92	42.87	249.74	-88.13	-3,746.52	-4,241.65	5,353.97	5,064.10	289.88	18.470		
7,858.69	7,233.00	7,203.00	7,197.00	42.95	249.73	-89.71	-3,746.52	-4,241.65	5,346.16	5,056.25	289.90	18.441		
7,900.00	7,233.10	7,202.90	7,197.10	43.38	249.73	-89.71	-3,746.52	-4,241.65	5,309.08	5,019.03	290.06	18.304		
8,000.00	7,233.35	7,202.65	7,197.35	44.56	249.72	-89.72	-3,746.52	-4,241.65	5,219.60	4,929.13	290.47	17.970		
8,100.00	7,233.60	7,202.40	7,197.60	45.91	249.71	-89.72	-3,746.52	-4,241.65	5,130.50	4,839.56	290.94	17.634		
8,200.00	7,233.85	7,202.15	7,197.85	47.41	249.70	-89.73	-3,746.52	-4,241.65	5,041.82	4,750.33	291.48	17.297		
8,300.00	7,234.10	7,201.90	7,198.10	49.05	249.69	-89.74	-3,746.52	-4,241.65	4,953.56	4,661.47	292.09	16.959		
8,400.00	7,234.35	7,201.65	7,198.35	50.81	249.69	-89.74	-3,746.52	-4,241.65	4,865.76	4,572.98	292.77	16.619		
8,500.00	7,234.59	7,201.41	7,198.59	52.68	249.68	-89.75	-3,746.52	-4,241.65	4,778.43	4,484.90	293.53	16.279		
8,600.00	7,234.84	7,201.16	7,198.84	54.65	249.67	-89.75	-3,746.52	-4,241.65	4,691.62	4,397.24	294.37	15.938		
8,700.00	7,235.09	7,200.91	7,199.09	56.70	249.66	-89.76	-3,746.52	-4,241.65	4,605.34	4,310.04	295.30	15.595		
8,800.00	7,235.34	7,200.66	7,199.34	58.82	249.65	-89.77	-3,746.52	-4,241.65	4,519.62	4,223.31	296.31	15.253		
8,900.00	7,235.59	7,200.41	7,199.59	61.01	249.64	-89.77	-3,746.52	-4,241.65	4,434.50	4,137.08	297.42	14.910		
9,000.00	7,235.84	7,200.16	7,199.84	63.25	249.63	-89.78	-3,746.52	-4,241.65	4,350.02	4,051.40	298.62	14.567		
9,100.00	7,236.09	7,200.09	7,200.09	65.55	249.63	-89.78	-3,746.52	-4,241.65	4,266.20	3,966.28	299.93	14.224		
9,200.00	7,236.34	7,200.34	7,200.34	67.89	249.64	-89.79	-3,746.52	-4,241.65	4,183.10	3,881.75	301.35	13.881		
9,300.00	7,236.58	7,200.58	7,200.58	70.27	249.65	-89.80	-3,746.52	-4,241.65	4,100.75	3,797.88	302.88	13.539		
9,400.00	7,236.83	7,200.83	7,200.83	72.69	249.66	-89.80	-3,746.52	-4,241.65	4,019.21	3,714.69	304.51	13.199		
9,500.00	7,237.08	7,201.08	7,201.08	75.14	249.67	-89.81	-3,746.52	-4,241.65	3,938.51	3,632.25	306.27	12.860		
9,600.00	7,237.33	7,201.33	7,201.33	77.62	249.67	-89.81	-3,746.52	-4,241.65	3,858.72	3,550.59	308.13	12.523		
9,700.00	7,237.58	7,201.58	7,201.58	80.12	249.68	-89.82	-3,746.52	-4,241.65	3,779.89	3,469.77	310.12	12.189		
9,800.00	7,237.83	7,201.83	7,201.83	82.65	249.69	-89.83	-3,746.52	-4,241.65	3,702.08	3,389.85	312.23	11.857		
9,900.00	7,238.08	7,202.08	7,202.08	85.20	249.70	-89.83	-3,746.52	-4,241.65	3,625.36	3,310.90	314.46	11.529		
10,000.00	7,238.32	7,202.32	7,202.32	87.77	249.71	-89.84	-3,746.52	-4,241.65	3,549.80	3,232.98	316.82	11.204		
10,100.00	7,238.57	7,202.57	7,202.57	90.36	249.72	-89.84	-3,746.52	-4,241.65	3,475.47	3,156.16	319.31	10.884		
10,200.00	7,238.82	7,202.82	7,202.82	92.97	249.73	-89.85	-3,746.52	-4,241.65	3,402.46	3,080.53	321.93	10.569		
10,300.00	7,239.07	7,203.07	7,203.07	95.59	249.74	-89.86	-3,746.52	-4,241.65	3,330.85	3,006.17	324.68	10.259		
10,400.00	7,239.32	7,203.32	7,203.32	98.22	249.74	-89.86	-3,746.52	-4,241.65	3,260.74	2,933.17	327.57	9.954		
10,500.00	7,239.57	7,203.57	7,203.57	100.87	249.75	-89.87	-3,746.52	-4,241.65	3,192.22	2,861.63	330.59	9.656		
10,600.00	7,239.82	7,203.82	7,203.82	103.52	249.76	-89.88	-3,746.52	-4,241.65	3,125.40	2,791.66	333.74	9.365		
10,700.00	7,240.07	7,204.07	7,204.07	106.19	249.77	-89.88	-3,746.52	-4,241.65	3,060.38	2,723.36	337.02	9.081		
10,800.00	7,240.31	7,204.31	7,204.31	108.87	249.78	-89.89	-3,746.52	-4,241.65	2,997.30	2,656.87	340.43	8.805		
10,900.00	7,240.56	7,204.56	7,204.56	111.56	249.79	-89.89	-3,746.52	-4,241.65	2,936.26	2,592.31	343.96	8.537		
11,000.00	7,240.81	7,204.81	7,204.81	114.25	249.80	-89.90	-3,746.52	-4,241.65	2,877.41	2,529.81	347.60	8.278		
11,100.00	7,241.06	7,205.06	7,205.06	116.96	249.81	-89.91	-3,746.52	-4,241.65	2,820.87	2,469.52	351.35	8.029		
11,200.00	7,241.31	7,205.31	7,205.31	119.67	249.81	-89.91	-3,746.52	-4,241.65	2,766.79	2,411.60	355.20	7.789		
11,300.00	7,241.56	7,205.56	7,205.56	122.39	249.82	-89.92	-3,746.52	-4,241.65	2,715.33	2,356.20	359.13	7.561		
11,400.00	7,241.81	7,205.81	7,205.81	125.11	249.83	-89.92	-3,746.52	-4,241.65	2,666.61	2,303.48	363.13	7.343		
11,500.00	7,242.06	7,206.06	7,206.06	127.84	249.84	-89.93	-3,746.52	-4,241.65	2,620.81	2,253.63	367.18	7.138		
11,600.00	7,242.30	7,206.30	7,206.30	130.58	249.85	-89.94	-3,746.52	-4,241.65	2,578.08	2,206.81	371.27	6.944		
11,700.00	7,242.55	7,206.55	7,206.55	133.32	249.86	-89.94	-3,746.52	-4,241.65	2,538.57	2,163.21	375.37	6.763		
11,800.00	7,242.80	7,206.80	7,206.80	136.07	249.87	-89.95	-3,746.52	-4,241.65	2,502.44	2,122.99	379.44	6.595		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
11,900.00	7,243.05	7,207.05	7,207.05	138.82	249.87	-89.95	-3,746.52	-4,241.65	2,469.82	2,086.34	383.48	6.441		
12,000.00	7,243.30	7,207.30	7,207.30	141.58	249.88	-89.96	-3,746.52	-4,241.65	2,440.87	2,053.42	387.45	6.300		
12,100.00	7,243.55	7,207.55	7,207.55	144.34	249.89	-89.97	-3,746.52	-4,241.65	2,415.72	2,024.40	391.32	6.173		
12,200.00	7,243.80	7,207.80	7,207.80	147.10	249.90	-89.97	-3,746.52	-4,241.65	2,394.48	1,999.43	395.05	6.061		
12,300.00	7,244.04	7,208.04	7,208.04	149.87	249.91	-89.98	-3,746.52	-4,241.65	2,377.26	1,978.63	398.63	5.964		
12,400.00	7,244.29	7,208.29	7,208.29	152.64	249.92	-89.98	-3,746.52	-4,241.65	2,364.15	1,962.14	402.02	5.881		
12,500.00	7,244.54	7,208.54	7,208.54	155.41	249.93	-89.99	-3,746.52	-4,241.65	2,355.22	1,950.03	405.19	5.813		
12,600.00	7,244.79	7,208.79	7,208.79	158.19	249.94	-90.00	-3,746.52	-4,241.65	2,350.51	1,942.39	408.12	5.759		
12,660.81	7,244.94	7,208.94	7,208.94	159.88	249.94	-90.00	-3,746.52	-4,241.65	2,349.72	1,939.94	409.78	5.734 CC		
12,700.00	7,245.04	7,209.04	7,209.04	160.97	249.94	-90.00	-3,746.52	-4,241.65	2,350.05	1,939.25	410.80	5.721 ES		
12,800.00	7,245.29	7,209.29	7,209.29	163.75	249.95	-90.01	-3,746.52	-4,241.65	2,353.84	1,940.64	413.20	5.697		
12,900.00	7,245.54	7,209.54	7,209.54	166.54	249.96	-90.01	-3,746.52	-4,241.65	2,361.87	1,946.55	415.32	5.687 SF		
13,000.00	7,245.79	7,209.79	7,209.79	169.33	249.97	-90.02	-3,746.52	-4,241.65	2,374.08	1,956.93	417.14	5.691		
13,100.00	7,246.03	7,210.03	7,210.03	172.12	249.98	-90.03	-3,746.52	-4,241.65	2,390.41	1,971.74	418.68	5.709		
13,200.00	7,246.28	7,210.28	7,210.28	174.91	249.99	-90.03	-3,746.52	-4,241.65	2,410.79	1,990.87	419.92	5.741		
13,300.00	7,246.53	7,210.53	7,210.53	177.71	250.00	-90.04	-3,746.52	-4,241.65	2,435.11	2,014.23	420.88	5.786		
13,400.00	7,246.78	7,210.78	7,210.78	180.50	250.00	-90.04	-3,746.52	-4,241.65	2,463.25	2,041.68	421.57	5.843		
13,500.00	7,247.03	7,211.03	7,211.03	183.30	250.01	-90.05	-3,746.52	-4,241.65	2,495.08	2,073.07	422.01	5.912		
13,600.00	7,247.28	7,211.28	7,211.28	186.10	250.02	-90.06	-3,746.52	-4,241.65	2,530.47	2,108.26	422.20	5.993		
13,700.00	7,247.53	7,211.53	7,211.53	188.91	250.03	-90.06	-3,746.52	-4,241.65	2,569.26	2,147.08	422.18	6.086		
13,800.00	7,247.77	7,211.77	7,211.77	191.71	250.04	-90.07	-3,746.52	-4,241.65	2,611.31	2,189.36	421.95	6.189		
13,900.00	7,248.02	7,212.02	7,212.02	194.52	250.05	-90.08	-3,746.52	-4,241.65	2,656.46	2,234.91	421.54	6.302		
14,000.00	7,248.27	7,212.27	7,212.27	197.32	250.06	-90.08	-3,746.52	-4,241.65	2,704.55	2,283.58	420.98	6.424		
14,100.00	7,248.52	7,212.52	7,212.52	200.13	250.07	-90.09	-3,746.52	-4,241.65	2,755.44	2,335.17	420.27	6.556		
14,200.00	7,248.77	7,212.77	7,212.77	202.94	250.07	-90.09	-3,746.52	-4,241.65	2,808.96	2,389.53	419.43	6.697		
14,300.00	7,249.02	7,213.02	7,213.02	205.76	250.08	-90.10	-3,746.52	-4,241.65	2,864.98	2,446.49	418.49	6.846		
14,400.00	7,249.27	7,213.27	7,213.27	208.57	250.09	-90.11	-3,746.52	-4,241.65	2,923.35	2,505.88	417.46	7.003		
14,500.00	7,249.52	7,213.52	7,213.52	211.38	250.10	-90.11	-3,746.52	-4,241.65	2,983.92	2,567.56	416.36	7.167		
14,600.00	7,249.76	7,213.76	7,213.76	214.20	250.11	-90.12	-3,746.52	-4,241.65	3,046.58	2,631.38	415.20	7.338		
14,700.00	7,250.01	7,214.01	7,214.01	217.02	250.12	-90.12	-3,746.52	-4,241.65	3,111.18	2,697.19	413.99	7.515		
14,800.00	7,250.26	7,214.26	7,214.26	219.84	250.13	-90.13	-3,746.52	-4,241.65	3,177.62	2,764.88	412.74	7.699		
14,900.00	7,250.51	7,214.51	7,214.51	222.65	250.14	-90.14	-3,746.52	-4,241.65	3,245.79	2,834.32	411.47	7.888		
15,000.00	7,250.76	7,214.76	7,214.76	225.48	250.14	-90.14	-3,746.52	-4,241.65	3,315.56	2,905.39	410.18	8.083		
15,100.00	7,251.01	7,215.01	7,215.01	228.30	250.15	-90.15	-3,746.52	-4,241.65	3,386.86	2,977.98	408.87	8.283		
15,200.00	7,251.26	7,215.26	7,215.26	231.12	250.16	-90.15	-3,746.52	-4,241.65	3,459.57	3,052.01	407.57	8.488		
15,300.00	7,251.50	7,215.50	7,215.50	233.94	250.17	-90.16	-3,746.52	-4,241.65	3,533.62	3,127.36	406.26	8.698		
15,400.00	7,251.75	7,215.75	7,215.75	236.77	250.18	-90.17	-3,746.52	-4,241.65	3,608.92	3,203.96	404.96	8.912		
15,500.00	7,252.00	7,216.00	7,216.00	239.59	250.19	-90.17	-3,746.52	-4,241.65	3,685.40	3,281.73	403.67	9.130		
15,600.00	7,252.25	7,216.25	7,216.25	242.42	250.20	-90.18	-3,746.52	-4,241.65	3,762.97	3,360.58	402.39	9.351		
15,700.00	7,252.50	7,216.50	7,216.50	245.24	250.20	-90.18	-3,746.52	-4,241.65	3,841.59	3,440.46	401.13	9.577		
15,800.00	7,252.75	7,216.75	7,216.75	248.07	250.21	-90.19	-3,746.52	-4,241.65	3,921.18	3,521.29	399.89	9.806		
15,900.00	7,253.00	7,217.00	7,217.00	250.90	250.22	-90.20	-3,746.52	-4,241.65	4,001.68	3,603.01	398.67	10.038		
16,000.00	7,253.25	7,217.25	7,217.25	253.73	250.23	-90.20	-3,746.52	-4,241.65	4,083.05	3,685.58	397.47	10.273		
16,100.00	7,253.49	7,217.49	7,217.49	256.56	250.24	-90.21	-3,746.52	-4,241.65	4,165.23	3,768.93	396.30	10.510		
16,200.00	7,253.74	7,217.74	7,217.74	259.39	250.25	-90.21	-3,746.52	-4,241.65	4,248.17	3,853.03	395.15	10.751		
16,300.00	7,253.99	7,217.99	7,217.99	262.22	250.26	-90.22	-3,746.52	-4,241.65	4,331.84	3,937.82	394.02	10.994		
16,400.00	7,254.24	7,218.24	7,218.24	265.05	250.27	-90.23	-3,746.52	-4,241.65	4,416.18	4,023.26	392.92	11.239		
16,500.00	7,254.49	7,218.49	7,218.49	267.88	250.27	-90.23	-3,746.52	-4,241.65	4,501.16	4,109.32	391.84	11.487		
16,600.00	7,254.74	7,218.74	7,218.74	270.72	250.28	-90.24	-3,746.52	-4,241.65	4,586.75	4,195.96	390.79	11.737		
16,700.00	7,254.99	7,218.99	7,218.99	273.55	250.29	-90.24	-3,746.52	-4,241.65	4,672.92	4,283.15	389.77	11.989		
16,800.00	7,255.24	7,219.24	7,219.24	276.38	250.30	-90.25	-3,746.52	-4,241.65	4,759.62	4,370.85	388.77	12.243		
16,900.00	7,255.48	7,219.48	7,219.48	279.22	250.31	-90.26	-3,746.52	-4,241.65	4,846.83	4,459.04	387.79	12.499		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - 146 COMPANY #14-1 - OH - OH												<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
17,000.00	7,255.73	7,219.73	7,219.73	282.05	250.32	-90.26	-3,746.52	-4,241.65	4,934.54	4,547.69	386.84	12.756	
17,100.00	7,255.98	7,219.98	7,219.98	284.89	250.33	-90.27	-3,746.52	-4,241.65	5,022.70	4,636.78	385.92	13.015	
17,200.00	7,256.23	7,220.23	7,220.23	287.73	250.33	-90.28	-3,746.52	-4,241.65	5,111.29	4,726.28	385.02	13.276	
17,300.00	7,256.48	7,220.48	7,220.48	290.56	250.34	-90.28	-3,746.52	-4,241.65	5,200.30	4,816.16	384.14	13.538	
17,400.00	7,256.73	7,220.73	7,220.73	293.40	250.35	-90.29	-3,746.52	-4,241.65	5,289.70	4,906.42	383.28	13.801	
17,500.00	7,256.98	7,220.98	7,220.98	296.24	250.36	-90.29	-3,746.52	-4,241.65	5,379.48	4,997.03	382.45	14.066	
17,600.00	7,257.22	7,221.22	7,221.22	299.07	250.37	-90.30	-3,746.52	-4,241.65	5,469.61	5,087.97	381.64	14.332	
17,700.00	7,257.47	7,221.47	7,221.47	301.91	250.38	-90.31	-3,746.52	-4,241.65	5,560.08	5,179.23	380.85	14.599	
17,800.00	7,257.72	7,221.72	7,221.72	304.75	250.39	-90.31	-3,746.52	-4,241.65	5,650.87	5,270.78	380.09	14.867	
17,900.00	7,257.97	7,221.97	7,221.97	307.59	250.40	-90.32	-3,746.52	-4,241.65	5,741.96	5,362.62	379.34	15.137	
18,000.00	7,258.22	7,222.22	7,222.22	310.43	250.40	-90.32	-3,746.52	-4,241.65	5,833.35	5,454.74	378.61	15.407	
18,100.00	7,258.47	7,222.47	7,222.47	313.27	250.41	-90.33	-3,746.52	-4,241.65	5,925.01	5,547.11	377.90	15.679	
18,200.00	7,258.72	7,222.72	7,222.72	316.11	250.42	-90.34	-3,746.52	-4,241.65	6,016.94	5,639.73	377.22	15.951	
18,300.00	7,258.97	7,222.97	7,222.97	318.95	250.43	-90.34	-3,746.52	-4,241.65	6,109.13	5,732.58	376.55	16.224	
18,400.00	7,259.21	7,223.21	7,223.21	321.79	250.44	-90.35	-3,746.52	-4,241.65	6,201.55	5,825.66	375.89	16.498	
18,500.00	7,259.46	7,223.46	7,223.46	324.63	250.45	-90.35	-3,746.52	-4,241.65	6,294.21	5,918.95	375.26	16.773	
18,600.00	7,259.71	7,223.71	7,223.71	327.48	250.46	-90.36	-3,746.52	-4,241.65	6,387.09	6,012.45	374.64	17.049	
18,700.00	7,259.96	7,223.96	7,223.96	330.32	250.46	-90.37	-3,746.52	-4,241.65	6,480.18	6,106.14	374.04	17.325	
18,800.00	7,260.21	7,224.21	7,224.21	333.16	250.47	-90.37	-3,746.52	-4,241.65	6,573.48	6,200.02	373.45	17.602	
18,900.00	7,260.46	7,224.46	7,224.46	336.00	250.48	-90.38	-3,746.52	-4,241.65	6,666.97	6,294.08	372.88	17.879	
19,000.00	7,260.71	7,224.71	7,224.71	338.85	250.49	-90.38	-3,746.52	-4,241.65	6,760.64	6,388.31	372.33	18.158	
19,100.00	7,260.95	7,224.95	7,224.95	341.69	250.50	-90.39	-3,746.52	-4,241.65	6,854.49	6,482.71	371.79	18.437	
19,118.22	7,261.00	7,225.00	7,225.00	342.21	250.50	-90.39	-3,746.52	-4,241.65	6,871.61	6,499.92	371.69	18.487	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-100.61	-1,067.49	-5,699.04	5,798.16					
100.00	100.00	102.00	102.00	3.28	3.75	-100.61	-1,067.49	-5,699.04	5,798.16	5,791.12	7.03	824.359		
200.00	200.00	202.00	202.00	3.34	6.24	-100.61	-1,067.49	-5,699.04	5,798.16	5,788.58	9.58	605.535		
300.00	300.00	302.00	302.00	3.44	9.39	-100.61	-1,067.49	-5,699.04	5,798.16	5,785.32	12.83	451.788		
400.00	399.98	401.98	401.98	3.60	12.72	122.99	-1,067.49	-5,699.04	5,799.11	5,782.79	16.31	355.459		
500.00	499.84	501.84	501.84	3.79	16.11	122.98	-1,067.49	-5,699.04	5,801.96	5,782.06	19.90	291.567		
600.00	599.45	601.45	601.45	4.03	19.53	122.98	-1,067.49	-5,699.04	5,806.72	5,783.17	23.55	246.563		
700.00	698.70	700.70	700.70	4.30	22.95	122.96	-1,067.49	-5,699.04	5,813.38	5,786.14	27.25	213.371		
800.00	797.47	800.53	799.47	4.60	26.41	122.95	-1,067.49	-5,699.04	5,821.97	5,790.96	31.01	187.769		
900.00	895.62	902.38	897.62	4.94	29.94	122.93	-1,067.49	-5,699.04	5,832.48	5,797.60	34.88	167.235		
1,000.00	993.06	1,004.94	995.06	5.32	33.50	122.90	-1,067.49	-5,699.04	5,844.93	5,806.12	38.81	150.613		
1,100.00	1,089.64	1,108.36	1,091.64	5.73	37.09	122.86	-1,067.49	-5,699.04	5,859.32	5,816.52	42.80	136.891		
1,131.50	1,119.87	1,121.87	1,121.87	5.87	37.56	122.85	-1,067.49	-5,699.04	5,864.26	5,820.86	43.41	135.101		
1,200.00	1,185.51	1,187.51	1,187.51	6.18	39.85	123.00	-1,067.49	-5,699.04	5,875.24	5,829.26	45.98	127.768		
1,300.00	1,281.33	1,283.33	1,283.33	6.65	43.18	123.23	-1,067.49	-5,699.04	5,891.35	5,841.58	49.76	118.386		
1,400.00	1,377.14	1,379.14	1,379.14	7.13	46.52	123.46	-1,067.49	-5,699.04	5,907.55	5,853.98	53.56	110.295		
1,500.00	1,472.96	1,474.96	1,474.96	7.63	49.85	123.68	-1,067.49	-5,699.04	5,923.84	5,866.47	57.37	103.252		
1,600.00	1,568.78	1,570.78	1,570.78	8.14	53.19	123.90	-1,067.49	-5,699.04	5,940.23	5,879.03	61.20	97.070		
1,700.00	1,664.60	1,666.60	1,666.60	8.66	56.53	124.13	-1,067.49	-5,699.04	5,956.71	5,891.68	65.03	91.603		
1,800.00	1,760.41	1,762.41	1,762.41	9.19	59.87	124.35	-1,067.49	-5,699.04	5,973.28	5,904.41	68.87	86.737		
1,900.00	1,856.23	1,858.23	1,858.23	9.73	63.21	124.57	-1,067.49	-5,699.04	5,989.94	5,917.23	72.71	82.379		
2,000.00	1,952.05	1,954.05	1,954.05	10.27	66.55	124.78	-1,067.49	-5,699.04	6,006.69	5,930.13	76.56	78.454		
2,100.00	2,047.86	2,049.86	2,049.86	10.81	69.89	125.00	-1,067.49	-5,699.04	6,023.54	5,943.12	80.42	74.902		
2,200.00	2,143.68	2,145.68	2,145.68	11.36	73.23	125.22	-1,067.49	-5,699.04	6,040.47	5,956.19	84.28	71.674		
2,300.00	2,239.50	2,241.50	2,241.50	11.92	76.58	125.43	-1,067.49	-5,699.04	6,057.48	5,969.35	88.14	68.726		
2,400.00	2,335.32	2,337.32	2,337.32	12.47	79.92	125.65	-1,067.49	-5,699.04	6,074.59	5,982.59	92.00	66.026		
2,500.00	2,431.13	2,433.13	2,433.13	13.03	83.26	125.86	-1,067.49	-5,699.04	6,091.78	5,995.91	95.87	63.542		
2,600.00	2,526.95	2,528.95	2,528.95	13.59	86.60	126.07	-1,067.49	-5,699.04	6,109.06	6,009.32	99.74	61.251		
2,700.00	2,622.77	2,624.77	2,624.77	14.15	89.95	126.28	-1,067.49	-5,699.04	6,126.42	6,022.81	103.61	59.130		
2,800.00	2,718.59	2,720.59	2,720.59	14.72	93.29	126.49	-1,067.49	-5,699.04	6,143.87	6,036.39	107.48	57.163		
2,900.00	2,814.40	2,816.40	2,816.40	15.29	96.63	126.70	-1,067.49	-5,699.04	6,161.40	6,050.05	111.35	55.333		
3,000.00	2,910.22	2,912.22	2,912.22	15.85	99.97	126.91	-1,067.49	-5,699.04	6,179.01	6,063.79	115.23	53.625		
3,100.00	3,006.04	3,008.04	3,008.04	16.42	103.32	127.11	-1,067.49	-5,699.04	6,196.71	6,077.61	119.10	52.030		
3,200.00	3,101.85	3,103.85	3,103.85	16.99	106.66	127.32	-1,067.49	-5,699.04	6,214.49	6,091.51	122.97	50.535		
3,300.00	3,197.67	3,200.33	3,199.67	17.56	110.03	127.52	-1,067.49	-5,699.04	6,232.34	6,105.47	126.87	49.123		
3,400.00	3,293.49	3,304.51	3,295.49	18.14	113.66	127.72	-1,067.49	-5,699.04	6,250.28	6,119.24	131.04	47.698		
3,500.00	3,389.31	3,408.69	3,391.31	18.71	117.30	127.93	-1,067.49	-5,699.04	6,268.30	6,133.09	135.21	46.361		
3,600.00	3,485.12	3,487.12	3,487.12	19.28	120.04	128.13	-1,067.49	-5,699.04	6,286.39	6,147.92	138.48	45.397		
3,700.00	3,580.94	3,582.94	3,582.94	19.86	123.38	128.33	-1,067.49	-5,699.04	6,304.57	6,162.21	142.35	44.288		
3,800.00	3,676.76	3,678.76	3,678.76	20.43	126.72	128.52	-1,067.49	-5,699.04	6,322.82	6,176.59	146.23	43.239		
3,900.00	3,772.58	3,774.58	3,774.58	21.01	130.07	128.72	-1,067.49	-5,699.04	6,341.14	6,191.04	150.11	42.245		
4,000.00	3,868.39	3,870.39	3,870.39	21.58	133.41	128.92	-1,067.49	-5,699.04	6,359.55	6,205.57	153.98	41.301		
4,100.00	3,964.21	3,966.21	3,966.21	22.16	136.75	129.11	-1,067.49	-5,699.04	6,378.03	6,220.17	157.86	40.404		
4,200.00	4,060.03	4,062.03	4,062.03	22.74	140.10	129.31	-1,067.49	-5,699.04	6,396.58	6,234.85	161.73	39.550		
4,300.00	4,155.85	4,157.85	4,157.85	23.32	143.44	129.50	-1,067.49	-5,699.04	6,415.21	6,249.60	165.61	38.737		
4,400.00	4,251.66	4,253.66	4,253.66	23.89	146.79	129.69	-1,067.49	-5,699.04	6,433.91	6,264.42	169.49	37.961		
4,500.00	4,347.48	4,349.48	4,349.48	24.47	150.13	129.88	-1,067.49	-5,699.04	6,452.68	6,279.32	173.36	37.221		
4,600.00	4,443.30	4,445.30	4,445.30	25.05	153.48	130.07	-1,067.49	-5,699.04	6,471.53	6,294.29	177.24	36.513		
4,700.00	4,539.11	4,541.11	4,541.11	25.63	156.82	130.26	-1,067.49	-5,699.04	6,490.44	6,309.33	181.11	35.837		
4,800.00	4,634.93	4,636.93	4,636.93	26.21	160.16	130.45	-1,067.49	-5,699.04	6,509.43	6,324.45	184.99	35.189		
4,900.00	4,730.75	4,732.75	4,732.75	26.79	163.51	130.63	-1,067.49	-5,699.04	6,528.49	6,339.63	188.86	34.568		
5,000.00	4,826.57	4,828.57	4,828.57	27.37	166.85	130.82	-1,067.49	-5,699.04	6,547.62	6,354.88	192.74	33.972		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,924.38	4,924.38	27.95	170.20	131.00	-1,067.49	-5,699.04	6,566.81	6,370.20	196.61	33.400		
5,200.00	5,018.20	5,020.20	5,020.20	28.53	173.54	131.19	-1,067.49	-5,699.04	6,586.08	6,385.60	200.48	32.851		
5,300.00	5,114.02	5,116.02	5,116.02	29.11	176.89	131.37	-1,067.49	-5,699.04	6,605.41	6,401.06	204.36	32.323		
5,400.00	5,209.84	5,211.84	5,211.84	29.69	180.23	131.55	-1,067.49	-5,699.04	6,624.81	6,416.58	208.23	31.815		
5,500.00	5,305.65	5,307.65	5,307.65	30.27	183.57	131.73	-1,067.49	-5,699.04	6,644.28	6,432.18	212.10	31.326		
5,600.00	5,401.47	5,403.47	5,403.47	30.86	186.92	131.91	-1,067.49	-5,699.04	6,663.81	6,447.84	215.98	30.854		
5,700.00	5,497.29	5,500.71	5,499.29	31.44	190.31	132.09	-1,067.49	-5,699.04	6,683.41	6,463.51	219.90	30.393		
5,800.00	5,593.10	5,604.90	5,595.10	32.02	193.95	132.27	-1,067.49	-5,699.04	6,703.07	6,479.01	224.06	29.916		
5,900.00	5,688.92	5,709.08	5,690.92	32.60	197.59	132.44	-1,067.49	-5,699.04	6,722.80	6,494.58	228.23	29.457		
6,000.00	5,784.74	5,786.74	5,786.74	33.18	200.30	132.62	-1,067.49	-5,699.04	6,742.59	6,511.13	231.46	29.130		
6,100.00	5,880.56	5,882.56	5,882.56	33.76	203.64	132.79	-1,067.49	-5,699.04	6,762.45	6,527.11	235.33	28.735		
6,200.00	5,976.37	5,978.37	5,978.37	34.35	206.99	132.97	-1,067.49	-5,699.04	6,782.37	6,543.16	239.21	28.354		
6,300.00	6,072.19	6,074.19	6,074.19	34.93	210.33	133.14	-1,067.49	-5,699.04	6,802.34	6,559.27	243.08	27.985		
6,400.00	6,168.01	6,170.01	6,170.01	35.51	213.68	133.31	-1,067.49	-5,699.04	6,822.39	6,575.44	246.94	27.627		
6,500.00	6,263.83	6,265.83	6,265.83	36.09	217.02	133.48	-1,067.49	-5,699.04	6,842.49	6,591.67	250.81	27.281		
6,600.00	6,359.64	6,361.64	6,361.64	36.68	220.36	133.65	-1,067.49	-5,699.04	6,862.65	6,607.97	254.68	26.946		
6,700.00	6,455.46	6,457.46	6,457.46	37.26	223.71	133.82	-1,067.49	-5,699.04	6,882.87	6,624.32	258.55	26.621		
6,733.48	6,487.54	6,489.54	6,489.54	37.45	224.83	133.88	-1,067.49	-5,699.04	6,889.66	6,629.81	259.85	26.514		
6,750.00	6,503.41	6,505.41	6,505.41	37.55	225.38	130.00	-1,067.49	-5,699.04	6,892.79	6,632.31	260.49	26.461		
6,800.00	6,551.83	6,553.83	6,553.83	37.82	227.07	115.11	-1,067.49	-5,699.04	6,899.73	6,637.30	262.43	26.292		
6,850.00	6,600.62	6,602.62	6,602.62	38.05	228.78	95.81	-1,067.49	-5,699.04	6,902.78	6,638.42	264.36	26.111		
6,900.00	6,649.47	6,651.47	6,651.47	38.25	230.48	75.49	-1,067.49	-5,699.04	6,901.92	6,635.65	266.27	25.921		
6,950.00	6,698.08	6,700.08	6,700.08	38.42	232.18	58.64	-1,067.49	-5,699.04	6,897.16	6,629.02	268.14	25.722		
7,000.00	6,746.15	6,748.15	6,748.15	38.57	233.86	46.56	-1,067.49	-5,699.04	6,888.52	6,618.56	269.96	25.517		
7,050.00	6,793.39	6,804.61	6,795.39	38.71	235.83	38.25	-1,067.49	-5,699.04	6,876.07	6,604.02	272.05	25.275		
7,100.00	6,839.50	6,841.50	6,841.50	38.84	237.11	32.49	-1,067.49	-5,699.04	6,859.88	6,586.45	273.43	25.088		
7,150.00	6,884.20	6,886.20	6,886.20	38.97	238.67	28.40	-1,067.49	-5,699.04	6,840.04	6,564.99	275.06	24.868		
7,200.00	6,927.21	6,929.21	6,929.21	39.11	240.18	25.43	-1,067.49	-5,699.04	6,816.69	6,540.08	276.61	24.644		
7,250.00	6,968.28	6,970.28	6,970.28	39.25	241.61	23.24	-1,067.49	-5,699.04	6,789.95	6,511.88	278.08	24.418		
7,300.00	7,007.13	7,009.13	7,009.13	39.41	242.97	21.64	-1,067.49	-5,699.04	6,760.01	6,480.56	279.45	24.190		
7,350.00	7,043.55	7,045.55	7,045.55	39.58	244.24	20.47	-1,067.49	-5,699.04	6,727.03	6,446.30	280.72	23.963		
7,400.00	7,077.29	7,079.29	7,079.29	39.77	245.42	19.67	-1,067.49	-5,699.04	6,691.22	6,409.32	281.89	23.737		
7,450.00	7,108.16	7,110.16	7,110.16	39.98	246.49	19.20	-1,067.49	-5,699.04	6,652.80	6,369.84	282.95	23.512		
7,500.00	7,135.96	7,137.96	7,137.96	40.22	247.46	19.03	-1,067.49	-5,699.04	6,612.00	6,328.10	283.90	23.290		
7,550.00	7,160.53	7,162.53	7,162.53	40.49	248.32	19.20	-1,067.49	-5,699.04	6,569.08	6,284.35	284.73	23.071		
7,600.00	7,181.70	7,183.70	7,183.70	40.79	249.06	19.79	-1,067.49	-5,699.04	6,524.30	6,238.86	285.44	22.857		
7,650.00	7,199.35	7,201.35	7,201.35	41.13	249.68	20.97	-1,067.49	-5,699.04	6,477.92	6,191.90	286.02	22.648		
7,700.00	7,213.38	7,215.38	7,215.38	41.51	250.17	23.15	-1,067.49	-5,699.04	6,430.24	6,143.76	286.48	22.446		
7,750.00	7,223.68	7,225.68	7,225.68	41.93	250.53	27.42	-1,067.49	-5,699.04	6,381.55	6,094.74	286.82	22.250		
7,800.00	7,230.21	7,232.21	7,232.21	42.38	250.75	37.55	-1,067.49	-5,699.04	6,332.15	6,045.12	287.03	22.061		
7,850.00	7,232.92	7,234.92	7,234.92	42.87	250.85	73.91	-1,067.49	-5,699.04	6,282.33	5,995.23	287.11	21.881		
7,858.69	7,233.00	7,235.00	7,235.00	42.95	250.85	87.27	-1,067.49	-5,699.04	6,273.65	5,986.54	287.11	21.851		
7,900.00	7,233.10	7,235.10	7,235.10	43.38	250.85	87.28	-1,067.49	-5,699.04	6,232.40	5,945.29	287.11	21.707		
8,000.00	7,233.35	7,235.35	7,235.35	44.56	250.86	87.33	-1,067.49	-5,699.04	6,132.54	5,845.44	287.11	21.360		
8,100.00	7,233.60	7,235.60	7,235.60	45.91	250.87	87.37	-1,067.49	-5,699.04	6,032.69	5,745.58	287.11	21.012		
8,200.00	7,233.85	7,235.85	7,235.85	47.41	250.88	87.41	-1,067.49	-5,699.04	5,932.84	5,645.73	287.11	20.664		
8,300.00	7,234.10	7,236.10	7,236.10	49.05	250.89	87.46	-1,067.49	-5,699.04	5,832.99	5,545.88	287.11	20.316		
8,400.00	7,234.35	7,236.35	7,236.35	50.81	250.90	87.50	-1,067.49	-5,699.04	5,733.15	5,446.03	287.12	19.968		
8,500.00	7,234.59	7,236.59	7,236.59	52.68	250.91	87.55	-1,067.49	-5,699.04	5,633.32	5,346.19	287.12	19.620		
8,600.00	7,234.84	7,236.84	7,236.84	54.65	250.91	87.59	-1,067.49	-5,699.04	5,533.49	5,246.36	287.13	19.272		
8,700.00	7,235.09	7,237.09	7,237.09	56.70	250.92	87.63	-1,067.49	-5,699.04	5,433.66	5,146.52	287.14	18.923		
8,800.00	7,235.34	7,237.34	7,237.34	58.82	250.93	87.68	-1,067.49	-5,699.04	5,333.85	5,046.69	287.16	18.575		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.59	7,237.59	7,237.59	61.01	250.94	87.72	-1,067.49	-5,699.04	5,234.04	4,946.87	287.17	18.226		
9,000.00	7,235.84	7,237.84	7,237.84	63.25	250.95	87.76	-1,067.49	-5,699.04	5,134.24	4,847.05	287.19	17.878		
9,100.00	7,236.09	7,238.09	7,238.09	65.55	250.96	87.81	-1,067.49	-5,699.04	5,034.44	4,747.24	287.21	17.529		
9,200.00	7,236.34	7,238.34	7,238.34	67.89	250.97	87.85	-1,067.49	-5,699.04	4,934.66	4,647.43	287.23	17.180		
9,300.00	7,236.58	7,238.58	7,238.58	70.27	250.98	87.89	-1,067.49	-5,699.04	4,834.88	4,547.62	287.26	16.831		
9,400.00	7,236.83	7,238.83	7,238.83	72.69	250.98	87.94	-1,067.49	-5,699.04	4,735.12	4,447.83	287.29	16.482		
9,500.00	7,237.08	7,239.08	7,239.08	75.14	250.99	87.98	-1,067.49	-5,699.04	4,635.36	4,348.04	287.32	16.133		
9,600.00	7,237.33	7,239.33	7,239.33	77.62	251.00	88.02	-1,067.49	-5,699.04	4,535.61	4,248.25	287.36	15.784		
9,700.00	7,237.58	7,239.58	7,239.58	80.12	251.01	88.07	-1,067.49	-5,699.04	4,435.88	4,148.48	287.40	15.435		
9,800.00	7,237.83	7,239.83	7,239.83	82.65	251.02	88.11	-1,067.49	-5,699.04	4,336.15	4,048.71	287.45	15.085		
9,900.00	7,238.08	7,240.08	7,240.08	85.20	251.03	88.16	-1,067.49	-5,699.04	4,236.45	3,948.95	287.50	14.736		
10,000.00	7,238.32	7,240.32	7,240.32	87.77	251.04	88.20	-1,067.49	-5,699.04	4,136.75	3,849.19	287.56	14.386		
10,100.00	7,238.57	7,240.57	7,240.57	90.36	251.04	88.24	-1,067.49	-5,699.04	4,037.07	3,749.45	287.62	14.036		
10,200.00	7,238.82	7,240.82	7,240.82	92.97	251.05	88.29	-1,067.49	-5,699.04	3,937.40	3,649.71	287.69	13.686		
10,300.00	7,239.07	7,241.07	7,241.07	95.59	251.06	88.33	-1,067.49	-5,699.04	3,837.76	3,549.99	287.77	13.336		
10,400.00	7,239.32	7,241.32	7,241.32	98.22	251.07	88.37	-1,067.49	-5,699.04	3,738.13	3,450.27	287.86	12.986		
10,500.00	7,239.57	7,241.57	7,241.57	100.87	251.08	88.42	-1,067.49	-5,699.04	3,638.52	3,350.57	287.95	12.636		
10,600.00	7,239.82	7,241.82	7,241.82	103.52	251.09	88.46	-1,067.49	-5,699.04	3,538.94	3,250.87	288.06	12.285		
10,700.00	7,240.07	7,242.07	7,242.07	106.19	251.10	88.50	-1,067.49	-5,699.04	3,439.37	3,151.19	288.18	11.935		
10,800.00	7,240.31	7,242.31	7,242.31	108.87	251.11	88.55	-1,067.49	-5,699.04	3,339.84	3,051.52	288.32	11.584		
10,900.00	7,240.56	7,242.56	7,242.56	111.56	251.11	88.59	-1,067.49	-5,699.04	3,240.33	2,951.86	288.47	11.233		
11,000.00	7,240.81	7,242.81	7,242.81	114.25	251.12	88.64	-1,067.49	-5,699.04	3,140.86	2,852.22	288.64	10.882		
11,100.00	7,241.06	7,243.06	7,243.06	116.96	251.13	88.68	-1,067.49	-5,699.04	3,041.42	2,752.59	288.83	10.530		
11,200.00	7,241.31	7,243.31	7,243.31	119.67	251.14	88.72	-1,067.49	-5,699.04	2,942.01	2,652.97	289.04	10.179		
11,300.00	7,241.56	7,243.56	7,243.56	122.39	251.15	88.77	-1,067.49	-5,699.04	2,842.65	2,553.37	289.28	9.827		
11,400.00	7,241.81	7,243.81	7,243.81	125.11	251.16	88.81	-1,067.49	-5,699.04	2,743.34	2,453.79	289.55	9.475		
11,500.00	7,242.06	7,244.06	7,244.06	127.84	251.17	88.85	-1,067.49	-5,699.04	2,644.07	2,354.22	289.85	9.122		
11,600.00	7,242.30	7,244.30	7,244.30	130.58	251.18	88.90	-1,067.49	-5,699.04	2,544.87	2,254.66	290.20	8.769		
11,700.00	7,242.55	7,244.55	7,244.55	133.32	251.18	88.94	-1,067.49	-5,699.04	2,445.73	2,155.13	290.60	8.416		
11,800.00	7,242.80	7,244.80	7,244.80	136.07	251.19	88.99	-1,067.49	-5,699.04	2,346.66	2,055.61	291.05	8.063		
11,900.00	7,243.05	7,245.05	7,245.05	138.82	251.20	89.03	-1,067.49	-5,699.04	2,247.67	1,956.10	291.57	7.709		
12,000.00	7,243.30	7,245.30	7,245.30	141.58	251.21	89.07	-1,067.49	-5,699.04	2,148.78	1,856.61	292.17	7.355		
12,100.00	7,243.55	7,245.55	7,245.55	144.34	251.22	89.12	-1,067.49	-5,699.04	2,050.00	1,757.13	292.86	7.000		
12,200.00	7,243.80	7,245.80	7,245.80	147.10	251.23	89.16	-1,067.49	-5,699.04	1,951.33	1,657.67	293.66	6.645		
12,300.00	7,244.04	7,246.04	7,246.04	149.87	251.24	89.20	-1,067.49	-5,699.04	1,852.82	1,558.22	294.60	6.289		
12,400.00	7,244.29	7,246.29	7,246.29	152.64	251.24	89.25	-1,067.49	-5,699.04	1,754.47	1,458.77	295.69	5.933		
12,500.00	7,244.54	7,246.54	7,246.54	155.41	251.25	89.29	-1,067.49	-5,699.04	1,656.32	1,359.33	296.98	5.577		
12,600.00	7,244.79	7,246.79	7,246.79	158.19	251.26	89.33	-1,067.49	-5,699.04	1,558.40	1,259.89	298.51	5.221		
12,700.00	7,245.04	7,247.04	7,247.04	160.97	251.27	89.38	-1,067.49	-5,699.04	1,460.77	1,160.44	300.32	4.864		
12,800.00	7,245.29	7,247.29	7,247.29	163.75	251.28	89.42	-1,067.49	-5,699.04	1,363.47	1,060.98	302.49	4.507		
12,900.00	7,245.54	7,247.54	7,247.54	166.54	251.29	89.47	-1,067.49	-5,699.04	1,266.61	961.49	305.11	4.151		
13,000.00	7,245.79	7,247.79	7,247.79	169.33	251.30	89.51	-1,067.49	-5,699.04	1,170.26	861.97	308.29	3.796		
13,100.00	7,246.03	7,248.03	7,248.03	172.12	251.31	89.55	-1,067.49	-5,699.04	1,074.59	762.41	312.18	3.442		
13,200.00	7,246.28	7,248.28	7,248.28	174.91	251.31	89.60	-1,067.49	-5,699.04	979.78	662.80	316.98	3.091		
13,300.00	7,246.53	7,248.53	7,248.53	177.71	251.32	89.64	-1,067.49	-5,699.04	886.11	563.15	322.96	2.744		
13,400.00	7,246.78	7,248.78	7,248.78	180.50	251.33	89.68	-1,067.49	-5,699.04	793.99	463.50	330.48	2.403		
13,500.00	7,247.03	7,249.03	7,249.03	183.30	251.34	89.73	-1,067.49	-5,699.04	704.02	363.97	340.05	2.070		
13,600.00	7,247.28	7,249.28	7,249.28	186.10	251.35	89.77	-1,067.49	-5,699.04	617.14	264.85	352.30	1.752		
13,700.00	7,247.53	7,249.53	7,249.53	188.91	251.36	89.81	-1,067.49	-5,699.04	534.87	166.86	368.01	1.453 Level 3		
13,800.00	7,247.77	7,249.77	7,249.77	191.71	251.37	89.86	-1,067.49	-5,699.04	459.69	71.85	387.84	1.185 Level 2		
13,900.00	7,248.02	7,250.02	7,250.02	194.52	251.37	89.90	-1,067.49	-5,699.04	395.65	-15.77	411.42	0.962 Level 1		
14,000.00	7,248.27	7,250.27	7,250.27	197.32	251.38	89.95	-1,067.49	-5,699.04	348.94	-86.28	435.22	0.802 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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	7,250.52	7,250.52	200.13	251.39	89.99	-1,067.49	-5,699.04	327.09	-123.67	450.76	0.726	Level 1	
14,123.88	7,248.58	7,250.58	7,250.58	200.80	251.39	90.00	-1,067.49	-5,699.04	326.21	-125.96	452.17	0.721	Level 1, CC, ES, SF	
14,200.00	7,248.77	7,250.77	7,250.77	202.94	251.40	90.03	-1,067.49	-5,699.04	334.98	-114.93	449.91	0.745	Level 1	
14,300.00	7,249.02	7,251.02	7,251.02	205.76	251.41	90.08	-1,067.49	-5,699.04	370.72	-64.09	434.82	0.853	Level 1	
14,400.00	7,249.27	7,251.27	7,251.27	208.57	251.42	90.12	-1,067.49	-5,699.04	427.38	12.90	414.48	1.031	Level 2	
14,500.00	7,249.52	7,251.52	7,251.52	211.38	251.43	90.16	-1,067.49	-5,699.04	497.88	102.68	395.20	1.260	Level 3	
14,600.00	7,249.76	7,251.76	7,251.76	214.20	251.44	90.21	-1,067.49	-5,699.04	577.15	198.12	379.04	1.523		
14,700.00	7,250.01	7,252.01	7,252.01	217.02	251.44	90.25	-1,067.49	-5,699.04	662.06	296.02	366.05	1.809		
14,800.00	7,250.26	7,252.26	7,252.26	219.84	251.45	90.30	-1,067.49	-5,699.04	750.70	395.00	355.70	2.111		
14,900.00	7,250.51	7,252.51	7,252.51	222.65	251.46	90.34	-1,067.49	-5,699.04	841.89	494.48	347.41	2.423		
15,000.00	7,250.76	7,252.76	7,252.76	225.48	251.47	90.38	-1,067.49	-5,699.04	934.88	594.17	340.71	2.744		
15,100.00	7,251.01	7,253.01	7,253.01	228.30	251.48	90.43	-1,067.49	-5,699.04	1,029.18	693.95	335.24	3.070		
15,200.00	7,251.26	7,253.26	7,253.26	231.12	251.49	90.47	-1,067.49	-5,699.04	1,124.47	793.76	330.71	3.400		
15,300.00	7,251.50	7,253.50	7,253.50	233.94	251.50	90.51	-1,067.49	-5,699.04	1,220.52	893.59	326.93	3.733		
15,400.00	7,251.75	7,253.75	7,253.75	236.77	251.50	90.56	-1,067.49	-5,699.04	1,317.15	993.41	323.75	4.068		
15,500.00	7,252.00	7,254.00	7,254.00	239.59	251.51	90.60	-1,067.49	-5,699.04	1,414.25	1,093.22	321.03	4.405		
15,600.00	7,252.25	7,254.25	7,254.25	242.42	251.52	90.64	-1,067.49	-5,699.04	1,511.73	1,193.02	318.71	4.743		
15,700.00	7,252.50	7,254.50	7,254.50	245.24	251.53	90.69	-1,067.49	-5,699.04	1,609.52	1,292.82	316.70	5.082		
15,800.00	7,252.75	7,254.75	7,254.75	248.07	251.54	90.73	-1,067.49	-5,699.04	1,707.56	1,392.61	314.96	5.422		
15,900.00	7,253.00	7,255.00	7,255.00	250.90	251.55	90.78	-1,067.49	-5,699.04	1,805.82	1,492.39	313.43	5.761		
16,000.00	7,253.25	7,255.25	7,255.25	253.73	251.56	90.82	-1,067.49	-5,699.04	1,904.26	1,592.17	312.09	6.102		
16,100.00	7,253.49	7,255.49	7,255.49	256.56	251.57	90.86	-1,067.49	-5,699.04	2,002.86	1,691.95	310.91	6.442		
16,200.00	7,253.74	7,255.74	7,255.74	259.39	251.57	90.91	-1,067.49	-5,699.04	2,101.59	1,791.72	309.86	6.782		
16,300.00	7,253.99	7,255.99	7,255.99	262.22	251.58	90.95	-1,067.49	-5,699.04	2,200.43	1,891.50	308.93	7.123		
16,400.00	7,254.24	7,256.24	7,256.24	265.05	251.59	90.99	-1,067.49	-5,699.04	2,299.37	1,991.28	308.10	7.463		
16,500.00	7,254.49	7,256.49	7,256.49	267.88	251.60	91.04	-1,067.49	-5,699.04	2,398.40	2,091.05	307.35	7.803		
16,600.00	7,254.74	7,256.74	7,256.74	270.72	251.61	91.08	-1,067.49	-5,699.04	2,497.51	2,190.83	306.68	8.144		
16,700.00	7,254.99	7,256.99	7,256.99	273.55	251.62	91.13	-1,067.49	-5,699.04	2,596.68	2,290.61	306.08	8.484		
16,800.00	7,255.24	7,257.24	7,257.24	276.38	251.63	91.17	-1,067.49	-5,699.04	2,695.92	2,390.39	305.53	8.824		
16,900.00	7,255.48	7,257.48	7,257.48	279.22	251.64	91.21	-1,067.49	-5,699.04	2,795.21	2,490.17	305.04	9.163		
17,000.00	7,255.73	7,257.73	7,257.73	282.05	251.64	91.26	-1,067.49	-5,699.04	2,894.55	2,589.96	304.60	9.503		
17,100.00	7,255.98	7,257.98	7,257.98	284.89	251.65	91.30	-1,067.49	-5,699.04	2,993.94	2,689.74	304.19	9.842		
17,200.00	7,256.23	7,258.23	7,258.23	287.73	251.66	91.34	-1,067.49	-5,699.04	3,093.36	2,789.53	303.83	10.181		
17,300.00	7,256.48	7,258.48	7,258.48	290.56	251.67	91.39	-1,067.49	-5,699.04	3,192.82	2,889.32	303.49	10.520		
17,400.00	7,256.73	7,258.73	7,258.73	293.40	251.68	91.43	-1,067.49	-5,699.04	3,292.31	2,989.12	303.19	10.859		
17,500.00	7,256.98	7,258.98	7,258.98	296.24	251.69	91.47	-1,067.49	-5,699.04	3,391.83	3,088.92	302.92	11.197		
17,600.00	7,257.22	7,259.22	7,259.22	299.07	251.70	91.52	-1,067.49	-5,699.04	3,491.38	3,188.71	302.67	11.535		
17,700.00	7,257.47	7,259.47	7,259.47	301.91	251.70	91.56	-1,067.49	-5,699.04	3,590.96	3,288.51	302.44	11.873		
17,800.00	7,257.72	7,259.72	7,259.72	304.75	251.71	91.61	-1,067.49	-5,699.04	3,690.55	3,388.32	302.24	12.211		
17,900.00	7,257.97	7,259.97	7,259.97	307.59	251.72	91.65	-1,067.49	-5,699.04	3,790.17	3,488.12	302.05	12.548		
18,000.00	7,258.22	7,260.22	7,260.22	310.43	251.73	91.69	-1,067.49	-5,699.04	3,889.81	3,587.93	301.88	12.885		
18,100.00	7,258.47	7,260.47	7,260.47	313.27	251.74	91.74	-1,067.49	-5,699.04	3,989.47	3,687.74	301.73	13.222		
18,200.00	7,258.72	7,260.72	7,260.72	316.11	251.75	91.78	-1,067.49	-5,699.04	4,089.14	3,787.55	301.59	13.559		
18,300.00	7,258.97	7,260.97	7,260.97	318.95	251.76	91.82	-1,067.49	-5,699.04	4,188.83	3,887.36	301.46	13.895		
18,400.00	7,259.21	7,261.21	7,261.21	321.79	251.77	91.87	-1,067.49	-5,699.04	4,288.53	3,987.18	301.35	14.231		
18,500.00	7,259.46	7,261.46	7,261.46	324.63	251.77	91.91	-1,067.49	-5,699.04	4,388.25	4,087.00	301.25	14.567		
18,600.00	7,259.71	7,261.71	7,261.71	327.48	251.78	91.95	-1,067.49	-5,699.04	4,487.98	4,186.81	301.16	14.902		
18,700.00	7,259.96	7,261.96	7,261.96	330.32	251.79	92.00	-1,067.49	-5,699.04	4,587.72	4,286.63	301.09	15.237		
18,800.00	7,260.21	7,262.21	7,262.21	333.16	251.80	92.04	-1,067.49	-5,699.04	4,687.47	4,386.45	301.02	15.572		
18,900.00	7,260.46	7,262.46	7,262.46	336.00	251.81	92.09	-1,067.49	-5,699.04	4,787.23	4,486.28	300.96	15.907		
19,000.00	7,260.71	7,262.71	7,262.71	338.85	251.82	92.13	-1,067.49	-5,699.04	4,887.00	4,586.10	300.90	16.241		
19,100.00	7,260.95	7,262.95	7,262.95	341.69	251.83	92.17	-1,067.49	-5,699.04	4,986.79	4,685.93	300.86	16.575		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>	Falken 9-11 PAD - ANDERSON #1-10-6-66(PA) - OH - OH											<b>Offset Site Error:</b>	0.00 ft
<b>Survey Program:</b>	100-2" Cone@2.448 Sigma											<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,118.22	7,261.00	7,263.00	7,263.00	342.21	251.83	92.18	-1,067.49	-5,699.04	5,004.97	4,704.11	300.85	16.636	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-77.53	1,562.06	-7,066.04	7,236.64					
100.00	100.00	140.00	140.00	3.28	4.54	-77.53	1,562.06	-7,066.04	7,236.64	7,228.81	7.83	924.607		
200.00	200.00	240.00	240.00	3.34	7.40	-77.53	1,562.06	-7,066.04	7,236.64	7,225.90	10.74	674.015		
300.00	300.00	340.00	340.00	3.44	10.64	-77.53	1,562.06	-7,066.04	7,236.64	7,222.55	14.09	513.714		
400.00	399.98	439.98	439.98	3.60	14.00	146.06	1,562.06	-7,066.04	7,238.08	7,220.48	17.60	411.244		
500.00	499.84	539.84	539.84	3.79	17.41	146.03	1,562.06	-7,066.04	7,242.43	7,221.23	21.20	341.603		
600.00	599.45	639.45	639.45	4.03	20.84	145.99	1,562.06	-7,066.04	7,249.66	7,224.80	24.86	291.604		
700.00	698.70	738.70	738.70	4.30	24.27	145.93	1,562.06	-7,066.04	7,259.78	7,231.22	28.56	254.192		
800.00	797.47	837.47	837.47	4.60	27.69	145.85	1,562.06	-7,066.04	7,272.79	7,240.50	32.28	225.276		
900.00	895.62	935.62	935.62	4.94	31.09	145.75	1,562.06	-7,066.04	7,288.66	7,252.64	36.02	202.341		
1,000.00	993.06	1,033.06	1,033.06	5.32	34.47	145.64	1,562.06	-7,066.04	7,307.39	7,267.63	39.76	183.765		
1,100.00	1,089.64	1,129.64	1,129.64	5.73	37.83	145.50	1,562.06	-7,066.04	7,328.97	7,285.47	43.51	168.457		
1,131.50	1,119.87	1,159.87	1,159.87	5.87	38.88	145.45	1,562.06	-7,066.04	7,336.36	7,291.67	44.69	164.174		
1,200.00	1,185.51	1,225.51	1,225.51	6.18	41.17	145.54	1,562.06	-7,066.04	7,352.73	7,305.48	47.25	155.628		
1,300.00	1,281.33	1,321.33	1,321.33	6.65	44.50	145.66	1,562.06	-7,066.04	7,376.66	7,325.66	51.00	144.654		
1,400.00	1,377.14	1,417.14	1,417.14	7.13	47.84	145.79	1,562.06	-7,066.04	7,400.62	7,345.86	54.76	135.145		
1,500.00	1,472.96	1,512.96	1,512.96	7.63	51.18	145.91	1,562.06	-7,066.04	7,424.62	7,366.08	58.54	126.833		
1,600.00	1,568.78	1,608.78	1,608.78	8.14	54.52	146.03	1,562.06	-7,066.04	7,448.64	7,386.32	62.33	119.509		
1,700.00	1,664.60	1,704.60	1,704.60	8.66	57.86	146.15	1,562.06	-7,066.04	7,472.70	7,406.58	66.12	113.009		
1,800.00	1,760.41	1,800.41	1,800.41	9.19	61.19	146.27	1,562.06	-7,066.04	7,496.80	7,426.87	69.93	107.206		
1,900.00	1,856.23	1,896.23	1,896.23	9.73	64.80	146.39	1,562.06	-7,066.04	7,520.92	7,446.92	74.00	101.630		
2,000.00	1,952.05	2,007.95	1,992.05	10.27	68.43	146.51	1,562.06	-7,066.04	7,545.08	7,466.97	78.11	96.595		
2,100.00	2,047.86	2,087.86	2,087.86	10.81	71.22	146.63	1,562.06	-7,066.04	7,569.26	7,487.89	81.38	93.016		
2,200.00	2,143.68	2,183.68	2,183.68	11.36	74.56	146.75	1,562.06	-7,066.04	7,593.48	7,508.28	85.20	89.125		
2,300.00	2,239.50	2,279.50	2,279.50	11.92	77.90	146.86	1,562.06	-7,066.04	7,617.73	7,528.70	89.03	85.566		
2,400.00	2,335.32	2,375.32	2,375.32	12.47	81.24	146.98	1,562.06	-7,066.04	7,642.01	7,549.15	92.86	82.299		
2,500.00	2,431.13	2,471.13	2,471.13	13.03	84.59	147.09	1,562.06	-7,066.04	7,666.32	7,569.63	96.69	79.288		
2,600.00	2,526.95	2,566.95	2,566.95	13.59	87.93	147.21	1,562.06	-7,066.04	7,690.65	7,590.13	100.52	76.506		
2,700.00	2,622.77	2,662.77	2,662.77	14.15	91.27	147.32	1,562.06	-7,066.04	7,715.02	7,610.66	104.36	73.927		
2,800.00	2,718.59	2,758.59	2,758.59	14.72	94.61	147.43	1,562.06	-7,066.04	7,739.42	7,631.22	108.20	71.531		
2,900.00	2,814.40	2,854.40	2,854.40	15.29	97.96	147.55	1,562.06	-7,066.04	7,763.84	7,651.81	112.04	69.298		
3,000.00	2,910.22	2,950.22	2,950.22	15.85	101.30	147.66	1,562.06	-7,066.04	7,788.30	7,672.42	115.88	67.212		
3,100.00	3,006.04	3,046.04	3,046.04	16.42	104.64	147.77	1,562.06	-7,066.04	7,812.78	7,693.06	119.72	65.260		
3,200.00	3,101.85	3,141.85	3,141.85	16.99	107.99	147.88	1,562.06	-7,066.04	7,837.29	7,713.73	123.56	63.429		
3,300.00	3,197.67	3,237.67	3,237.67	17.56	111.33	147.99	1,562.06	-7,066.04	7,861.83	7,734.42	127.40	61.709		
3,400.00	3,293.49	3,333.49	3,333.49	18.14	114.67	148.10	1,562.06	-7,066.04	7,886.39	7,755.15	131.25	60.089		
3,500.00	3,389.31	3,429.31	3,429.31	18.71	118.02	148.21	1,562.06	-7,066.04	7,910.98	7,775.89	135.09	58.561		
3,600.00	3,485.12	3,525.12	3,525.12	19.28	121.36	148.31	1,562.06	-7,066.04	7,935.60	7,796.67	138.93	57.117		
3,700.00	3,580.94	3,620.94	3,620.94	19.86	124.70	148.42	1,562.06	-7,066.04	7,960.25	7,817.47	142.78	55.752		
3,800.00	3,676.76	3,716.76	3,716.76	20.43	128.05	148.53	1,562.06	-7,066.04	7,984.92	7,838.30	146.63	54.458		
3,900.00	3,772.58	3,812.58	3,812.58	21.01	131.39	148.63	1,562.06	-7,066.04	8,009.62	7,859.15	150.47	53.230		
4,000.00	3,868.39	3,908.39	3,908.39	21.58	134.74	148.74	1,562.06	-7,066.04	8,034.35	7,880.03	154.32	52.064		
4,100.00	3,964.21	4,004.21	4,004.21	22.16	138.08	148.84	1,562.06	-7,066.04	8,059.10	7,900.93	158.16	50.954		
4,200.00	4,060.03	4,100.03	4,100.03	22.74	141.42	148.95	1,562.06	-7,066.04	8,083.88	7,921.86	162.01	49.897		
4,300.00	4,155.85	4,204.16	4,195.85	23.32	145.06	149.05	1,562.06	-7,066.04	8,108.68	7,942.53	166.15	48.804		
4,400.00	4,251.66	4,308.34	4,291.66	23.89	148.70	149.15	1,562.06	-7,066.04	8,133.50	7,963.22	170.29	47.763		
4,500.00	4,347.48	4,387.48	4,387.48	24.47	151.46	149.25	1,562.06	-7,066.04	8,158.36	7,984.80	173.55	47.008		
4,600.00	4,443.30	4,483.30	4,483.30	25.05	154.80	149.36	1,562.06	-7,066.04	8,183.23	8,005.83	177.40	46.129		
4,700.00	4,539.11	4,579.11	4,579.11	25.63	158.15	149.46	1,562.06	-7,066.04	8,208.13	8,026.89	181.25	45.287		
4,800.00	4,634.93	4,674.93	4,674.93	26.21	161.49	149.56	1,562.06	-7,066.04	8,233.06	8,047.96	185.10	44.480		
4,900.00	4,730.75	4,770.75	4,770.75	26.79	164.83	149.66	1,562.06	-7,066.04	8,258.01	8,069.06	188.94	43.706		
5,000.00	4,826.57	4,866.57	4,866.57	27.37	168.18	149.76	1,562.06	-7,066.04	8,282.98	8,090.19	192.79	42.964		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,962.38	4,962.38	27.95	171.52	149.85	1,562.06	-7,066.04	8,307.98	8,111.34	196.64	42.250		
5,200.00	5,018.20	5,058.20	5,058.20	28.53	174.87	149.95	1,562.06	-7,066.04	8,332.99	8,132.51	200.49	41.564		
5,300.00	5,114.02	5,154.02	5,154.02	29.11	178.21	150.05	1,562.06	-7,066.04	8,358.04	8,153.70	204.33	40.904		
5,400.00	5,209.84	5,249.84	5,249.84	29.69	181.56	150.15	1,562.06	-7,066.04	8,383.10	8,174.92	208.18	40.268		
5,500.00	5,305.65	5,345.65	5,345.65	30.27	184.90	150.24	1,562.06	-7,066.04	8,408.19	8,196.16	212.03	39.656		
5,600.00	5,401.47	5,441.47	5,441.47	30.86	188.25	150.34	1,562.06	-7,066.04	8,433.30	8,217.42	215.88	39.065		
5,700.00	5,497.29	5,537.29	5,537.29	31.44	191.59	150.43	1,562.06	-7,066.04	8,458.43	8,238.71	219.72	38.496		
5,800.00	5,593.10	5,633.10	5,633.10	32.02	194.93	150.53	1,562.06	-7,066.04	8,483.59	8,260.02	223.57	37.946		
5,900.00	5,688.92	5,728.92	5,728.92	32.60	198.28	150.62	1,562.06	-7,066.04	8,508.77	8,281.35	227.42	37.414		
6,000.00	5,784.74	5,824.74	5,824.74	33.18	201.62	150.71	1,562.06	-7,066.04	8,533.96	8,302.70	231.27	36.901		
6,100.00	5,880.56	5,920.56	5,920.56	33.76	204.97	150.81	1,562.06	-7,066.04	8,559.18	8,324.07	235.11	36.404		
6,200.00	5,976.37	6,016.37	6,016.37	34.35	208.31	150.90	1,562.06	-7,066.04	8,584.43	8,345.46	238.96	35.924		
6,300.00	6,072.19	6,112.19	6,112.19	34.93	211.66	150.99	1,562.06	-7,066.04	8,609.69	8,366.88	242.81	35.459		
6,400.00	6,168.01	6,208.01	6,208.01	35.51	215.00	151.08	1,562.06	-7,066.04	8,634.97	8,388.31	246.66	35.008		
6,500.00	6,263.83	6,303.83	6,303.83	36.09	218.35	151.17	1,562.06	-7,066.04	8,660.28	8,409.77	250.50	34.571		
6,600.00	6,359.64	6,400.36	6,399.64	36.68	221.72	151.26	1,562.06	-7,066.04	8,685.60	8,431.22	254.38	34.145		
6,700.00	6,455.46	6,504.54	6,495.46	37.26	225.35	151.35	1,562.06	-7,066.04	8,710.95	8,452.43	258.52	33.696		
6,733.48	6,487.54	6,527.54	6,527.54	37.45	226.16	151.38	1,562.06	-7,066.04	8,719.44	8,459.95	259.49	33.603		
6,750.00	6,503.41	6,543.41	6,543.41	37.55	226.71	147.38	1,562.06	-7,066.04	8,723.43	8,463.31	260.12	33.536		
6,800.00	6,551.83	6,608.17	6,591.83	37.82	228.97	132.19	1,562.06	-7,066.04	8,733.10	8,470.48	262.63	33.253		
6,850.00	6,600.62	6,640.62	6,640.62	38.05	230.10	112.69	1,562.06	-7,066.04	8,739.11	8,475.12	263.99	33.104		
6,900.00	6,649.47	6,689.47	6,689.47	38.25	231.81	92.30	1,562.06	-7,066.04	8,741.42	8,475.51	265.90	32.875		
6,950.00	6,698.08	6,738.08	6,738.08	38.42	233.50	75.46	1,562.06	-7,066.04	8,740.01	8,472.23	267.78	32.639		
7,000.00	6,746.15	6,786.15	6,786.15	38.57	235.18	63.49	1,562.06	-7,066.04	8,734.91	8,465.30	269.61	32.398		
7,050.00	6,793.39	6,833.39	6,833.39	38.71	236.83	55.41	1,562.06	-7,066.04	8,726.15	8,454.76	271.39	32.154		
7,100.00	6,839.50	6,879.50	6,879.50	38.84	238.44	49.97	1,562.06	-7,066.04	8,713.78	8,440.69	273.10	31.907		
7,150.00	6,884.20	6,924.20	6,924.20	38.97	240.00	46.33	1,562.06	-7,066.04	8,697.90	8,423.17	274.73	31.659		
7,200.00	6,927.21	6,967.21	6,967.21	39.11	241.50	43.94	1,562.06	-7,066.04	8,678.60	8,402.31	276.29	31.411		
7,250.00	6,968.28	7,008.28	7,008.28	39.25	242.94	42.49	1,562.06	-7,066.04	8,656.00	8,378.25	277.76	31.164		
7,300.00	7,007.13	7,047.13	7,047.13	39.41	244.29	41.78	1,562.06	-7,066.04	8,630.26	8,351.13	279.13	30.919		
7,350.00	7,043.55	7,083.55	7,083.55	39.58	245.56	41.71	1,562.06	-7,066.04	8,601.52	8,321.12	280.40	30.676		
7,400.00	7,077.29	7,117.29	7,117.29	39.77	246.74	42.24	1,562.06	-7,066.04	8,569.98	8,288.41	281.57	30.436		
7,450.00	7,108.16	7,148.16	7,148.16	39.98	247.82	43.37	1,562.06	-7,066.04	8,535.83	8,253.19	282.64	30.201		
7,500.00	7,135.96	7,175.96	7,175.96	40.22	248.79	45.14	1,562.06	-7,066.04	8,499.28	8,215.69	283.59	29.970		
7,550.00	7,160.53	7,200.53	7,200.53	40.49	249.65	47.64	1,562.06	-7,066.04	8,460.56	8,176.13	284.43	29.745		
7,600.00	7,181.70	7,221.70	7,221.70	40.79	250.39	51.00	1,562.06	-7,066.04	8,419.91	8,134.75	285.16	29.527		
7,650.00	7,199.35	7,239.35	7,239.35	41.13	251.00	55.41	1,562.06	-7,066.04	8,377.58	8,091.81	285.77	29.315		
7,700.00	7,213.38	7,253.38	7,253.38	41.51	251.49	61.09	1,562.06	-7,066.04	8,333.83	8,047.56	286.27	29.112		
7,750.00	7,223.68	7,263.68	7,263.68	41.93	251.85	68.29	1,562.06	-7,066.04	8,288.93	8,002.28	286.65	28.916		
7,800.00	7,230.21	7,270.21	7,270.21	42.38	252.08	77.17	1,562.06	-7,066.04	8,243.15	7,956.23	286.92	28.730		
7,850.00	7,232.92	7,272.92	7,272.92	42.87	252.17	87.67	1,562.06	-7,066.04	8,196.77	7,909.71	287.06	28.554		
7,858.69	7,233.00	7,273.00	7,273.00	42.95	252.18	89.63	1,562.06	-7,066.04	8,188.67	7,901.59	287.08	28.524		
7,900.00	7,233.10	7,273.10	7,273.10	43.38	252.18	89.63	1,562.06	-7,066.04	8,150.15	7,863.02	287.14	28.384		
8,000.00	7,233.35	7,273.35	7,273.35	44.56	252.19	89.64	1,562.06	-7,066.04	8,057.03	7,769.72	287.31	28.043		
8,100.00	7,233.60	7,273.60	7,273.60	45.91	252.20	89.64	1,562.06	-7,066.04	7,964.07	7,676.55	287.52	27.699		
8,200.00	7,233.85	7,273.85	7,273.85	47.41	252.21	89.65	1,562.06	-7,066.04	7,871.29	7,583.51	287.78	27.352		
8,300.00	7,234.10	7,274.10	7,274.10	49.05	252.22	89.65	1,562.06	-7,066.04	7,778.68	7,490.60	288.08	27.002		
8,400.00	7,234.35	7,274.35	7,274.35	50.81	252.22	89.66	1,562.06	-7,066.04	7,686.26	7,397.83	288.43	26.648		
8,500.00	7,234.59	7,274.59	7,274.59	52.68	252.23	89.66	1,562.06	-7,066.04	7,594.03	7,305.20	288.83	26.292		
8,600.00	7,234.84	7,274.84	7,274.84	54.65	252.24	89.67	1,562.06	-7,066.04	7,502.00	7,212.72	289.28	25.933		
8,700.00	7,235.09	7,275.09	7,275.09	56.70	252.25	89.67	1,562.06	-7,066.04	7,410.18	7,120.39	289.79	25.571		
8,800.00	7,235.34	7,275.34	7,275.34	58.82	252.26	89.68	1,562.06	-7,066.04	7,318.57	7,028.22	290.35	25.206		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.59	7,275.59	7,275.59	61.01	252.27	89.68	1,562.06	-7,066.04	7,227.19	6,936.22	290.96	24.839		
9,000.00	7,235.84	7,275.84	7,275.84	63.25	252.28	89.69	1,562.06	-7,066.04	7,136.03	6,844.39	291.64	24.469		
9,100.00	7,236.09	7,276.09	7,276.09	65.55	252.28	89.69	1,562.06	-7,066.04	7,045.12	6,752.74	292.37	24.096		
9,200.00	7,236.34	7,276.34	7,276.34	67.89	252.29	89.70	1,562.06	-7,066.04	6,954.45	6,661.28	293.17	23.721		
9,300.00	7,236.58	7,276.58	7,276.58	70.27	252.30	89.70	1,562.06	-7,066.04	6,864.04	6,570.01	294.03	23.345		
9,400.00	7,236.83	7,276.83	7,276.83	72.69	252.31	89.71	1,562.06	-7,066.04	6,773.91	6,478.95	294.95	22.966		
9,500.00	7,237.08	7,277.08	7,277.08	75.14	252.32	89.71	1,562.06	-7,066.04	6,684.05	6,388.11	295.94	22.586		
9,600.00	7,237.33	7,277.33	7,277.33	77.62	252.33	89.72	1,562.06	-7,066.04	6,594.49	6,297.49	297.00	22.204		
9,700.00	7,237.58	7,277.58	7,277.58	80.12	252.34	89.72	1,562.06	-7,066.04	6,505.23	6,207.11	298.12	21.821		
9,800.00	7,237.83	7,277.83	7,277.83	82.65	252.35	89.73	1,562.06	-7,066.04	6,416.28	6,116.97	299.31	21.437		
9,900.00	7,238.08	7,278.08	7,278.08	85.20	252.35	89.73	1,562.06	-7,066.04	6,327.67	6,027.10	300.57	21.052		
10,000.00	7,238.32	7,278.32	7,278.32	87.77	252.36	89.73	1,562.06	-7,066.04	6,239.40	5,937.50	301.90	20.667		
10,100.00	7,238.57	7,278.57	7,278.57	90.36	252.37	89.74	1,562.06	-7,066.04	6,151.49	5,848.18	303.31	20.281		
10,200.00	7,238.82	7,278.82	7,278.82	92.97	252.38	89.74	1,562.06	-7,066.04	6,063.96	5,759.17	304.78	19.896		
10,300.00	7,239.07	7,279.07	7,279.07	95.59	252.39	89.75	1,562.06	-7,066.04	5,976.81	5,670.48	306.34	19.511		
10,400.00	7,239.32	7,279.32	7,279.32	98.22	252.40	89.75	1,562.06	-7,066.04	5,890.08	5,582.11	307.96	19.126		
10,500.00	7,239.57	7,279.57	7,279.57	100.87	252.41	89.76	1,562.06	-7,066.04	5,803.77	5,494.10	309.67	18.742		
10,600.00	7,239.82	7,279.82	7,279.82	103.52	252.41	89.76	1,562.06	-7,066.04	5,717.90	5,406.45	311.46	18.359		
10,700.00	7,240.07	7,280.07	7,280.07	106.19	252.42	89.77	1,562.06	-7,066.04	5,632.51	5,319.19	313.32	17.977		
10,800.00	7,240.31	7,280.31	7,280.31	108.87	252.43	89.77	1,562.06	-7,066.04	5,547.60	5,232.33	315.27	17.596		
10,900.00	7,240.56	7,280.56	7,280.56	111.56	252.44	89.78	1,562.06	-7,066.04	5,463.20	5,145.90	317.30	17.218		
11,000.00	7,240.81	7,280.81	7,280.81	114.25	252.45	89.78	1,562.06	-7,066.04	5,379.34	5,059.93	319.41	16.841		
11,100.00	7,241.06	7,281.06	7,281.06	116.96	252.46	89.79	1,562.06	-7,066.04	5,296.04	4,974.42	321.61	16.467		
11,200.00	7,241.31	7,281.31	7,281.31	119.67	252.47	89.79	1,562.06	-7,066.04	5,213.32	4,889.42	323.90	16.095		
11,300.00	7,241.56	7,281.56	7,281.56	122.39	252.48	89.80	1,562.06	-7,066.04	5,131.22	4,804.94	326.28	15.726		
11,400.00	7,241.81	7,281.81	7,281.81	125.11	252.48	89.80	1,562.06	-7,066.04	5,049.77	4,721.01	328.76	15.360		
11,500.00	7,242.06	7,282.06	7,282.06	127.84	252.49	89.81	1,562.06	-7,066.04	4,968.99	4,637.67	331.32	14.998		
11,600.00	7,242.30	7,282.30	7,282.30	130.58	252.50	89.81	1,562.06	-7,066.04	4,888.93	4,554.94	333.98	14.638		
11,700.00	7,242.55	7,282.55	7,282.55	133.32	252.51	89.82	1,562.06	-7,066.04	4,809.61	4,472.87	336.74	14.283		
11,800.00	7,242.80	7,282.80	7,282.80	136.07	252.52	89.82	1,562.06	-7,066.04	4,731.07	4,391.47	339.60	13.931		
11,900.00	7,243.05	7,283.05	7,283.05	138.82	252.53	89.83	1,562.06	-7,066.04	4,653.36	4,310.80	342.55	13.584		
12,000.00	7,243.30	7,283.30	7,283.30	141.58	252.54	89.83	1,562.06	-7,066.04	4,576.51	4,230.90	345.61	13.242		
12,100.00	7,243.55	7,283.55	7,283.55	144.34	252.54	89.84	1,562.06	-7,066.04	4,500.57	4,151.80	348.78	12.904		
12,200.00	7,243.80	7,283.80	7,283.80	147.10	252.55	89.84	1,562.06	-7,066.04	4,425.59	4,073.55	352.05	12.571		
12,300.00	7,244.04	7,284.04	7,284.04	149.87	252.56	89.85	1,562.06	-7,066.04	4,351.62	3,996.19	355.43	12.243		
12,400.00	7,244.29	7,284.29	7,284.29	152.64	252.57	89.85	1,562.06	-7,066.04	4,278.71	3,919.80	358.91	11.921		
12,500.00	7,244.54	7,284.54	7,284.54	155.41	252.58	89.86	1,562.06	-7,066.04	4,206.90	3,844.40	362.50	11.605		
12,600.00	7,244.79	7,284.79	7,284.79	158.19	252.59	89.86	1,562.06	-7,066.04	4,136.27	3,770.07	366.20	11.295		
12,700.00	7,245.04	7,285.04	7,285.04	160.97	252.60	89.87	1,562.06	-7,066.04	4,066.87	3,696.86	370.01	10.991		
12,800.00	7,245.29	7,285.29	7,285.29	163.75	252.61	89.87	1,562.06	-7,066.04	3,998.77	3,624.84	373.93	10.694		
12,900.00	7,245.54	7,285.54	7,285.54	166.54	252.61	89.87	1,562.06	-7,066.04	3,932.03	3,554.08	377.96	10.403		
13,000.00	7,245.79	7,285.79	7,285.79	169.33	252.62	89.88	1,562.06	-7,066.04	3,866.73	3,484.64	382.09	10.120		
13,100.00	7,246.03	7,286.03	7,286.03	172.12	252.63	89.88	1,562.06	-7,066.04	3,802.94	3,416.62	386.32	9.844		
13,200.00	7,246.28	7,286.28	7,286.28	174.91	252.64	89.89	1,562.06	-7,066.04	3,740.73	3,350.07	390.65	9.576		
13,300.00	7,246.53	7,286.53	7,286.53	177.71	252.65	89.89	1,562.06	-7,066.04	3,680.18	3,285.10	395.08	9.315		
13,400.00	7,246.78	7,286.78	7,286.78	180.50	252.66	89.90	1,562.06	-7,066.04	3,621.39	3,221.79	399.60	9.063		
13,500.00	7,247.03	7,287.03	7,287.03	183.30	252.67	89.90	1,562.06	-7,066.04	3,564.43	3,160.23	404.20	8.818		
13,600.00	7,247.28	7,287.28	7,287.28	186.10	252.68	89.91	1,562.06	-7,066.04	3,509.40	3,100.52	408.88	8.583		
13,700.00	7,247.53	7,287.53	7,287.53	188.91	252.68	89.91	1,562.06	-7,066.04	3,456.39	3,042.77	413.62	8.356		
13,800.00	7,247.77	7,287.77	7,287.77	191.71	252.69	89.92	1,562.06	-7,066.04	3,405.48	2,987.06	418.42	8.139		
13,900.00	7,248.02	7,288.02	7,288.02	194.52	252.70	89.92	1,562.06	-7,066.04	3,356.79	2,933.52	423.27	7.931		
14,000.00	7,248.27	7,288.27	7,288.27	197.32	252.71	89.93	1,562.06	-7,066.04	3,310.40	2,882.26	428.14	7.732		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	7,288.52	7,288.52	200.13	252.72	89.93	1,562.06	-7,066.04	3,266.41	2,833.38	433.03	7.543		
14,200.00	7,248.77	7,288.77	7,288.77	202.94	252.73	89.94	1,562.06	-7,066.04	3,224.93	2,787.00	437.93	7.364		
14,300.00	7,249.02	7,289.02	7,289.02	205.76	252.74	89.94	1,562.06	-7,066.04	3,186.05	2,743.24	442.80	7.195		
14,400.00	7,249.27	7,289.27	7,289.27	208.57	252.74	89.95	1,562.06	-7,066.04	3,149.86	2,702.22	447.64	7.037		
14,500.00	7,249.52	7,289.52	7,289.52	211.38	252.75	89.95	1,562.06	-7,066.04	3,116.46	2,664.03	452.42	6.888		
14,600.00	7,249.76	7,289.76	7,289.76	214.20	252.76	89.96	1,562.06	-7,066.04	3,085.94	2,628.81	457.13	6.751		
14,700.00	7,250.01	7,309.99	7,290.01	217.02	253.47	89.96	1,562.06	-7,066.04	3,058.39	2,595.96	462.43	6.614		
14,800.00	7,250.26	7,309.74	7,290.26	219.84	253.46	89.97	1,562.06	-7,066.04	3,033.88	2,566.99	466.90	6.498		
14,900.00	7,250.51	7,309.49	7,290.51	222.65	253.45	89.97	1,562.06	-7,066.04	3,012.50	2,541.28	471.22	6.393		
15,000.00	7,250.76	7,309.24	7,290.76	225.48	253.44	89.98	1,562.06	-7,066.04	2,994.31	2,518.93	475.37	6.299		
15,100.00	7,251.01	7,308.99	7,291.01	228.30	253.43	89.98	1,562.06	-7,066.04	2,979.36	2,500.02	479.34	6.216		
15,200.00	7,251.26	7,308.74	7,291.26	231.12	253.42	89.99	1,562.06	-7,066.04	2,967.71	2,484.60	483.10	6.143		
15,300.00	7,251.50	7,308.50	7,291.50	233.94	253.42	89.99	1,562.06	-7,066.04	2,959.39	2,472.75	486.64	6.081		
15,400.00	7,251.75	7,308.25	7,291.75	236.77	253.41	90.00	1,562.06	-7,066.04	2,954.44	2,464.50	489.94	6.030		
15,496.44	7,251.99	7,308.01	7,291.99	239.49	253.40	90.00	1,562.06	-7,066.04	2,952.87	2,459.99	492.87	5.991 CC		
15,500.00	7,252.00	7,308.00	7,292.00	239.59	253.40	90.00	1,562.06	-7,066.04	2,952.87	2,459.89	492.97	5.990		
15,600.00	7,252.25	7,307.75	7,292.25	242.42	253.39	90.00	1,562.06	-7,066.04	2,954.68	2,458.93	495.75	5.960 ES		
15,700.00	7,252.50	7,307.50	7,292.50	245.24	253.38	90.01	1,562.06	-7,066.04	2,959.87	2,461.63	498.24	5.941		
15,800.00	7,252.75	7,307.25	7,292.75	248.07	253.37	90.01	1,562.06	-7,066.04	2,968.43	2,467.97	500.46	5.931 SF		
15,900.00	7,253.00	7,307.00	7,293.00	250.90	253.36	90.02	1,562.06	-7,066.04	2,980.31	2,477.93	502.39	5.932		
16,000.00	7,253.25	7,306.75	7,293.25	253.73	253.36	90.02	1,562.06	-7,066.04	2,995.49	2,491.46	504.03	5.943		
16,100.00	7,253.49	7,306.51	7,293.49	256.56	253.35	90.03	1,562.06	-7,066.04	3,013.92	2,508.52	505.39	5.964		
16,200.00	7,253.74	7,306.26	7,293.74	259.39	253.34	90.03	1,562.06	-7,066.04	3,035.52	2,529.04	506.48	5.993		
16,300.00	7,253.99	7,306.01	7,293.99	262.22	253.33	90.04	1,562.06	-7,066.04	3,060.25	2,552.95	507.30	6.032		
16,400.00	7,254.24	7,305.76	7,294.24	265.05	253.32	90.04	1,562.06	-7,066.04	3,088.01	2,580.15	507.86	6.080		
16,500.00	7,254.49	7,305.51	7,294.49	267.88	253.31	90.05	1,562.06	-7,066.04	3,118.74	2,610.57	508.17	6.137		
16,600.00	7,254.74	7,305.26	7,294.74	270.72	253.30	90.05	1,562.06	-7,066.04	3,152.34	2,644.09	508.25	6.202		
16,700.00	7,254.99	7,305.01	7,294.99	273.55	253.29	90.06	1,562.06	-7,066.04	3,188.72	2,680.61	508.12	6.276		
16,800.00	7,255.24	7,304.77	7,295.24	276.38	253.29	90.06	1,562.06	-7,066.04	3,227.80	2,720.02	507.77	6.357		
16,900.00	7,255.48	7,304.52	7,295.48	279.22	253.28	90.07	1,562.06	-7,066.04	3,269.46	2,762.22	507.24	6.446		
17,000.00	7,255.73	7,304.27	7,295.73	282.05	253.27	90.07	1,562.06	-7,066.04	3,313.62	2,807.08	506.54	6.542		
17,100.00	7,255.98	7,304.02	7,295.98	284.89	253.26	90.08	1,562.06	-7,066.04	3,360.18	2,854.50	505.68	6.645		
17,200.00	7,256.23	7,303.77	7,296.23	287.73	253.25	90.08	1,562.06	-7,066.04	3,409.03	2,904.36	504.68	6.755		
17,300.00	7,256.48	7,303.52	7,296.48	290.56	253.24	90.09	1,562.06	-7,066.04	3,460.09	2,956.54	503.55	6.871		
17,400.00	7,256.73	7,303.27	7,296.73	293.40	253.23	90.09	1,562.06	-7,066.04	3,513.25	3,010.94	502.31	6.994		
17,500.00	7,256.98	7,303.02	7,296.98	296.24	253.22	90.10	1,562.06	-7,066.04	3,568.42	3,067.45	500.97	7.123		
17,600.00	7,257.22	7,302.78	7,297.22	299.07	253.22	90.10	1,562.06	-7,066.04	3,625.51	3,125.97	499.54	7.258		
17,700.00	7,257.47	7,302.53	7,297.47	301.91	253.21	90.11	1,562.06	-7,066.04	3,684.43	3,186.39	498.04	7.398		
17,800.00	7,257.72	7,302.28	7,297.72	304.75	253.20	90.11	1,562.06	-7,066.04	3,745.10	3,248.62	496.48	7.543		
17,900.00	7,257.97	7,302.03	7,297.97	307.59	253.19	90.12	1,562.06	-7,066.04	3,807.42	3,312.55	494.87	7.694		
18,000.00	7,258.22	7,301.78	7,298.22	310.43	253.18	90.12	1,562.06	-7,066.04	3,871.33	3,378.11	493.21	7.849		
18,100.00	7,258.47	7,301.53	7,298.47	313.27	253.17	90.13	1,562.06	-7,066.04	3,936.73	3,445.21	491.52	8.009		
18,200.00	7,258.72	7,301.28	7,298.72	316.11	253.16	90.13	1,562.06	-7,066.04	4,003.57	3,513.77	489.81	8.174		
18,300.00	7,258.97	7,301.03	7,298.97	318.95	253.16	90.14	1,562.06	-7,066.04	4,071.77	3,583.70	488.07	8.343		
18,400.00	7,259.21	7,300.79	7,299.21	321.79	253.15	90.14	1,562.06	-7,066.04	4,141.26	3,654.93	486.33	8.515		
18,500.00	7,259.46	7,300.54	7,299.46	324.63	253.14	90.14	1,562.06	-7,066.04	4,211.97	3,727.40	484.57	8.692		
18,600.00	7,259.71	7,300.29	7,299.71	327.48	253.13	90.15	1,562.06	-7,066.04	4,283.86	3,801.04	482.82	8.873		
18,700.00	7,259.96	7,300.04	7,299.96	330.32	253.12	90.15	1,562.06	-7,066.04	4,356.85	3,875.79	481.06	9.057		
18,800.00	7,260.21	7,300.21	7,300.21	333.16	253.13	90.16	1,562.06	-7,066.04	4,430.90	3,951.56	479.33	9.244		
18,900.00	7,260.46	7,300.46	7,300.46	336.00	253.14	90.16	1,562.06	-7,066.04	4,505.95	4,028.33	477.61	9.434		
19,000.00	7,260.71	7,300.71	7,300.71	338.85	253.14	90.17	1,562.06	-7,066.04	4,581.95	4,106.04	475.91	9.628		
19,100.00	7,260.95	7,300.95	7,300.95	341.69	253.15	90.17	1,562.06	-7,066.04	4,658.86	4,184.64	474.22	9.824		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>	Falken 9-11 PAD - ANDERSON #32-10(PR) - OH - OH											<b>Offset Site Error:</b>	0.00 ft
<b>Survey Program:</b>	100-2" Cone@2.448 Sigma											<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,118.22	7,261.00	7,301.00	7,301.00	342.21	253.15	90.17	1,562.06	-7,066.04	4,672.96	4,199.05	473.91	9.860	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-76.55	1,368.63	-5,722.95	5,884.33					
100.00	100.00	130.00	130.00	3.28	4.31	-76.55	1,368.63	-5,722.95	5,884.33	5,876.74	7.59	775.007		
200.00	200.00	230.00	230.00	3.34	7.09	-76.55	1,368.63	-5,722.95	5,884.33	5,873.90	10.43	564.424		
300.00	300.00	330.00	330.00	3.44	10.31	-76.55	1,368.63	-5,722.95	5,884.33	5,870.57	13.76	427.785		
400.00	399.98	429.98	429.98	3.60	13.66	147.04	1,368.63	-5,722.95	5,885.79	5,868.53	17.26	340.981		
500.00	499.84	529.84	529.84	3.79	17.07	147.02	1,368.63	-5,722.95	5,890.19	5,869.33	20.86	282.386		
600.00	599.45	629.45	629.45	4.03	20.49	146.99	1,368.63	-5,722.95	5,897.50	5,872.99	24.52	240.550		
700.00	698.70	728.70	728.70	4.30	23.92	146.94	1,368.63	-5,722.95	5,907.74	5,879.53	28.21	209.387		
800.00	797.47	827.47	827.47	4.60	27.34	146.88	1,368.63	-5,722.95	5,920.90	5,888.96	31.94	185.392		
900.00	895.62	925.62	925.62	4.94	30.74	146.80	1,368.63	-5,722.95	5,936.96	5,901.28	35.67	166.422		
1,000.00	993.06	1,023.06	1,023.06	5.32	34.13	146.71	1,368.63	-5,722.95	5,955.92	5,916.50	39.42	151.103		
1,100.00	1,089.64	1,119.64	1,119.64	5.73	37.49	146.60	1,368.63	-5,722.95	5,977.76	5,934.60	43.16	138.512		
1,131.50	1,119.87	1,149.87	1,149.87	5.87	38.54	146.56	1,368.63	-5,722.95	5,985.23	5,940.90	44.34	134.995		
1,200.00	1,185.51	1,215.51	1,215.51	6.18	40.82	146.66	1,368.63	-5,722.95	6,001.81	5,954.91	46.89	127.985		
1,300.00	1,281.33	1,311.33	1,311.33	6.65	44.15	146.81	1,368.63	-5,722.95	6,026.04	5,975.40	50.64	118.992		
1,400.00	1,377.14	1,407.14	1,407.14	7.13	47.49	146.95	1,368.63	-5,722.95	6,050.31	5,995.90	54.41	111.207		
1,500.00	1,472.96	1,502.96	1,502.96	7.63	50.83	147.10	1,368.63	-5,722.95	6,074.61	6,016.43	58.18	104.407		
1,600.00	1,568.78	1,601.22	1,598.78	8.14	54.25	147.24	1,368.63	-5,722.95	6,098.95	6,036.90	62.05	98.285		
1,700.00	1,664.60	1,705.40	1,694.60	8.66	57.88	147.39	1,368.63	-5,722.95	6,123.33	6,057.19	66.14	92.581		
1,800.00	1,760.41	1,809.59	1,790.41	9.19	61.51	147.53	1,368.63	-5,722.95	6,147.75	6,077.52	70.23	87.532		
1,900.00	1,856.23	1,886.23	1,886.23	9.73	64.19	147.67	1,368.63	-5,722.95	6,172.20	6,098.83	73.37	84.119		
2,000.00	1,952.05	1,982.05	1,982.05	10.27	67.53	147.81	1,368.63	-5,722.95	6,196.69	6,119.50	77.19	80.281		
2,100.00	2,047.86	2,077.86	2,077.86	10.81	70.87	147.95	1,368.63	-5,722.95	6,221.22	6,140.21	81.01	76.800		
2,200.00	2,143.68	2,173.68	2,173.68	11.36	74.21	148.09	1,368.63	-5,722.95	6,245.78	6,160.95	84.83	73.630		
2,300.00	2,239.50	2,269.50	2,269.50	11.92	77.55	148.22	1,368.63	-5,722.95	6,270.37	6,181.72	88.65	70.730		
2,400.00	2,335.32	2,365.32	2,365.32	12.47	80.89	148.36	1,368.63	-5,722.95	6,295.00	6,202.52	92.48	68.070		
2,500.00	2,431.13	2,461.13	2,461.13	13.03	84.24	148.49	1,368.63	-5,722.95	6,319.66	6,223.35	96.31	65.619		
2,600.00	2,526.95	2,556.95	2,556.95	13.59	87.58	148.63	1,368.63	-5,722.95	6,344.35	6,244.21	100.14	63.355		
2,700.00	2,622.77	2,652.77	2,652.77	14.15	90.92	148.76	1,368.63	-5,722.95	6,369.08	6,265.10	103.97	61.257		
2,800.00	2,718.59	2,748.59	2,748.59	14.72	94.26	148.89	1,368.63	-5,722.95	6,393.84	6,286.03	107.81	59.308		
2,900.00	2,814.40	2,844.40	2,844.40	15.29	97.61	149.02	1,368.63	-5,722.95	6,418.63	6,306.98	111.64	57.492		
3,000.00	2,910.22	2,940.22	2,940.22	15.85	100.95	149.15	1,368.63	-5,722.95	6,443.45	6,327.97	115.48	55.797		
3,100.00	3,006.04	3,036.04	3,036.04	16.42	104.29	149.28	1,368.63	-5,722.95	6,468.30	6,348.99	119.32	54.210		
3,200.00	3,101.85	3,131.85	3,131.85	16.99	107.64	149.41	1,368.63	-5,722.95	6,493.19	6,370.03	123.16	52.722		
3,300.00	3,197.67	3,227.67	3,227.67	17.56	110.98	149.53	1,368.63	-5,722.95	6,518.11	6,391.11	127.00	51.324		
3,400.00	3,293.49	3,323.49	3,323.49	18.14	114.32	149.66	1,368.63	-5,722.95	6,543.05	6,412.21	130.84	50.009		
3,500.00	3,389.31	3,419.31	3,419.31	18.71	117.67	149.78	1,368.63	-5,722.95	6,568.03	6,433.35	134.68	48.768		
3,600.00	3,485.12	3,515.12	3,515.12	19.28	121.01	149.91	1,368.63	-5,722.95	6,593.03	6,454.51	138.52	47.596		
3,700.00	3,580.94	3,610.94	3,610.94	19.86	124.36	150.03	1,368.63	-5,722.95	6,618.07	6,475.71	142.36	46.487		
3,800.00	3,676.76	3,706.76	3,706.76	20.43	127.70	150.15	1,368.63	-5,722.95	6,643.13	6,496.93	146.21	45.437		
3,900.00	3,772.58	3,802.58	3,802.58	21.01	131.04	150.27	1,368.63	-5,722.95	6,668.23	6,518.18	150.05	44.440		
4,000.00	3,868.39	3,901.61	3,898.39	21.58	134.50	150.39	1,368.63	-5,722.95	6,693.35	6,539.34	154.00	43.462		
4,100.00	3,964.21	4,005.79	3,994.21	22.16	138.14	150.51	1,368.63	-5,722.95	6,718.50	6,560.36	158.14	42.485		
4,200.00	4,060.03	4,109.97	4,090.03	22.74	141.77	150.63	1,368.63	-5,722.95	6,743.67	6,581.40	162.27	41.557		
4,300.00	4,155.85	4,185.85	4,185.85	23.32	144.42	150.75	1,368.63	-5,722.95	6,768.88	6,603.46	165.42	40.919		
4,400.00	4,251.66	4,281.66	4,281.66	23.89	147.76	150.87	1,368.63	-5,722.95	6,794.11	6,624.84	169.27	40.139		
4,500.00	4,347.48	4,377.48	4,377.48	24.47	151.11	150.98	1,368.63	-5,722.95	6,819.37	6,646.26	173.11	39.393		
4,600.00	4,443.30	4,473.30	4,473.30	25.05	154.45	151.10	1,368.63	-5,722.95	6,844.65	6,667.70	176.95	38.681		
4,700.00	4,539.11	4,569.11	4,569.11	25.63	157.80	151.21	1,368.63	-5,722.95	6,869.96	6,689.16	180.80	37.998		
4,800.00	4,634.93	4,664.93	4,664.93	26.21	161.14	151.33	1,368.63	-5,722.95	6,895.30	6,710.66	184.64	37.344		
4,900.00	4,730.75	4,760.75	4,760.75	26.79	164.49	151.44	1,368.63	-5,722.95	6,920.66	6,732.17	188.49	36.717		
5,000.00	4,826.57	4,856.57	4,856.57	27.37	167.83	151.55	1,368.63	-5,722.95	6,946.05	6,753.72	192.33	36.115		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,952.38	4,952.38	27.95	171.17	151.66	1,368.63	-5,722.95	6,971.46	6,775.29	196.17	35.537		
5,200.00	5,018.20	5,048.20	5,048.20	28.53	174.52	151.77	1,368.63	-5,722.95	6,996.90	6,796.88	200.02	34.981		
5,300.00	5,114.02	5,144.02	5,144.02	29.11	177.86	151.88	1,368.63	-5,722.95	7,022.36	6,818.50	203.86	34.447		
5,400.00	5,209.84	5,239.84	5,239.84	29.69	181.21	151.99	1,368.63	-5,722.95	7,047.84	6,840.14	207.71	33.932		
5,500.00	5,305.65	5,335.65	5,335.65	30.27	184.55	152.10	1,368.63	-5,722.95	7,073.35	6,861.80	211.55	33.436		
5,600.00	5,401.47	5,431.47	5,431.47	30.86	187.90	152.20	1,368.63	-5,722.95	7,098.89	6,883.49	215.39	32.958		
5,700.00	5,497.29	5,527.29	5,527.29	31.44	191.24	152.31	1,368.63	-5,722.95	7,124.44	6,905.21	219.24	32.496		
5,800.00	5,593.10	5,623.10	5,623.10	32.02	194.59	152.42	1,368.63	-5,722.95	7,150.03	6,926.94	223.08	32.051		
5,900.00	5,688.92	5,718.92	5,718.92	32.60	197.93	152.52	1,368.63	-5,722.95	7,175.63	6,948.70	226.93	31.621		
6,000.00	5,784.74	5,814.74	5,814.74	33.18	201.27	152.62	1,368.63	-5,722.95	7,201.25	6,970.48	230.77	31.205		
6,100.00	5,880.56	5,910.56	5,910.56	33.76	204.62	152.73	1,368.63	-5,722.95	7,226.90	6,992.29	234.61	30.803		
6,200.00	5,976.37	6,006.37	6,006.37	34.35	207.96	152.83	1,368.63	-5,722.95	7,252.57	7,014.11	238.46	30.414		
6,300.00	6,072.19	6,102.19	6,102.19	34.93	211.31	152.93	1,368.63	-5,722.95	7,278.27	7,035.96	242.30	30.038		
6,400.00	6,168.01	6,201.99	6,198.01	35.51	214.79	153.03	1,368.63	-5,722.95	7,303.98	7,057.69	246.29	29.657		
6,500.00	6,263.83	6,306.17	6,293.83	36.09	218.43	153.13	1,368.63	-5,722.95	7,329.72	7,079.29	250.42	29.270		
6,600.00	6,359.64	6,389.64	6,389.64	36.68	221.34	153.23	1,368.63	-5,722.95	7,355.47	7,101.64	253.83	28.978		
6,700.00	6,455.46	6,485.46	6,485.46	37.26	224.69	153.33	1,368.63	-5,722.95	7,381.25	7,123.57	257.68	28.645		
6,733.48	6,487.54	6,517.54	6,517.54	37.45	225.81	153.37	1,368.63	-5,722.95	7,389.89	7,130.92	258.96	28.536		
6,750.00	6,503.41	6,533.41	6,533.41	37.55	226.36	149.35	1,368.63	-5,722.95	7,393.95	7,134.35	259.60	28.482		
6,800.00	6,551.83	6,581.83	6,581.83	37.82	228.05	134.13	1,368.63	-5,722.95	7,403.88	7,142.35	261.53	28.310		
6,850.00	6,600.62	6,630.62	6,630.62	38.05	229.75	114.62	1,368.63	-5,722.95	7,410.20	7,146.74	263.46	28.126		
6,900.00	6,649.47	6,679.47	6,679.47	38.25	231.46	94.21	1,368.63	-5,722.95	7,412.86	7,147.48	265.37	27.934		
6,950.00	6,698.08	6,728.08	6,728.08	38.42	233.16	77.38	1,368.63	-5,722.95	7,411.85	7,144.60	267.25	27.733		
7,000.00	6,746.15	6,776.15	6,776.15	38.57	234.83	65.43	1,368.63	-5,722.95	7,407.19	7,138.11	269.09	27.527		
7,050.00	6,793.39	6,823.39	6,823.39	38.71	236.48	57.37	1,368.63	-5,722.95	7,398.92	7,128.06	270.86	27.316		
7,100.00	6,839.50	6,869.50	6,869.50	38.84	238.09	51.98	1,368.63	-5,722.95	7,387.09	7,114.51	272.57	27.101		
7,150.00	6,884.20	6,914.20	6,914.20	38.97	239.65	48.38	1,368.63	-5,722.95	7,371.77	7,097.57	274.21	26.884		
7,200.00	6,927.21	6,957.21	6,957.21	39.11	241.15	46.06	1,368.63	-5,722.95	7,353.09	7,077.32	275.76	26.664		
7,250.00	6,968.28	7,001.72	6,998.28	39.25	242.71	44.68	1,368.63	-5,722.95	7,331.14	7,053.79	277.35	26.433		
7,300.00	7,007.13	7,037.13	7,037.13	39.41	243.94	44.05	1,368.63	-5,722.95	7,306.08	7,027.47	278.61	26.224		
7,350.00	7,043.55	7,073.55	7,073.55	39.58	245.21	44.08	1,368.63	-5,722.95	7,278.07	6,998.19	279.88	26.004		
7,400.00	7,077.29	7,107.29	7,107.29	39.77	246.39	44.71	1,368.63	-5,722.95	7,247.28	6,966.22	281.06	25.786		
7,450.00	7,108.16	7,138.16	7,138.16	39.98	247.47	45.95	1,368.63	-5,722.95	7,213.91	6,931.78	282.12	25.570		
7,500.00	7,135.96	7,165.96	7,165.96	40.22	248.44	47.83	1,368.63	-5,722.95	7,178.16	6,895.08	283.08	25.357		
7,550.00	7,160.53	7,209.47	7,190.53	40.49	249.96	50.41	1,368.63	-5,722.95	7,140.27	6,855.68	284.59	25.089		
7,600.00	7,181.70	7,211.70	7,211.70	40.79	250.04	53.82	1,368.63	-5,722.95	7,100.47	6,815.80	284.67	24.943		
7,650.00	7,199.35	7,229.35	7,229.35	41.13	250.65	58.19	1,368.63	-5,722.95	7,058.99	6,773.70	285.29	24.743		
7,700.00	7,213.38	7,243.38	7,243.38	41.51	251.14	63.69	1,368.63	-5,722.95	7,016.11	6,730.31	285.80	24.549		
7,750.00	7,223.68	7,253.68	7,253.68	41.93	251.50	70.46	1,368.63	-5,722.95	6,972.08	6,685.88	286.20	24.361		
7,800.00	7,230.21	7,260.21	7,260.21	42.38	251.73	78.59	1,368.63	-5,722.95	6,927.16	6,640.68	286.48	24.180		
7,850.00	7,232.92	7,262.92	7,262.92	42.87	251.82	87.95	1,368.63	-5,722.95	6,881.64	6,594.99	286.65	24.007		
7,858.69	7,233.00	7,263.00	7,263.00	42.95	251.83	89.68	1,368.63	-5,722.95	6,873.69	6,587.02	286.67	23.978		
7,900.00	7,233.10	7,263.10	7,263.10	43.38	251.83	89.68	1,368.63	-5,722.95	6,835.88	6,549.14	286.75	23.839		
8,000.00	7,233.35	7,263.35	7,263.35	44.56	251.84	89.68	1,368.63	-5,722.95	6,744.53	6,457.56	286.97	23.502		
8,100.00	7,233.60	7,263.60	7,263.60	45.91	251.85	89.69	1,368.63	-5,722.95	6,653.43	6,366.18	287.25	23.162		
8,200.00	7,233.85	7,263.85	7,263.85	47.41	251.86	89.69	1,368.63	-5,722.95	6,562.59	6,275.00	287.59	22.819		
8,300.00	7,234.10	7,264.10	7,264.10	49.05	251.87	89.70	1,368.63	-5,722.95	6,472.02	6,184.03	287.99	22.473		
8,400.00	7,234.35	7,264.35	7,264.35	50.81	251.87	89.70	1,368.63	-5,722.95	6,381.72	6,093.28	288.45	22.125		
8,500.00	7,234.59	7,264.59	7,264.59	52.68	251.88	89.71	1,368.63	-5,722.95	6,291.73	6,002.76	288.97	21.773		
8,600.00	7,234.84	7,264.84	7,264.84	54.65	251.89	89.71	1,368.63	-5,722.95	6,202.03	5,912.47	289.56	21.418		
8,700.00	7,235.09	7,265.09	7,265.09	56.70	251.90	89.72	1,368.63	-5,722.95	6,112.66	5,822.43	290.23	21.062		
8,800.00	7,235.34	7,265.34	7,265.34	58.82	251.91	89.72	1,368.63	-5,722.95	6,023.63	5,732.66	290.97	20.702		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.59	7,265.59	7,265.59	61.01	251.92	89.73	1,368.63	-5,722.95	5,934.94	5,643.16	291.78	20.340		
9,000.00	7,235.84	7,265.84	7,265.84	63.25	251.93	89.73	1,368.63	-5,722.95	5,846.61	5,553.94	292.67	19.977		
9,100.00	7,236.09	7,266.09	7,266.09	65.55	251.94	89.74	1,368.63	-5,722.95	5,758.67	5,465.03	293.64	19.611		
9,200.00	7,236.34	7,266.34	7,266.34	67.89	251.94	89.74	1,368.63	-5,722.95	5,671.13	5,376.44	294.70	19.244		
9,300.00	7,236.58	7,266.58	7,266.58	70.27	251.95	89.75	1,368.63	-5,722.95	5,584.01	5,288.18	295.83	18.876		
9,400.00	7,236.83	7,266.83	7,266.83	72.69	251.96	89.75	1,368.63	-5,722.95	5,497.32	5,200.27	297.05	18.506		
9,500.00	7,237.08	7,267.08	7,267.08	75.14	251.97	89.76	1,368.63	-5,722.95	5,411.10	5,112.74	298.36	18.136		
9,600.00	7,237.33	7,267.33	7,267.33	77.62	251.98	89.77	1,368.63	-5,722.95	5,325.35	5,025.59	299.76	17.765		
9,700.00	7,237.58	7,267.58	7,267.58	80.12	251.99	89.77	1,368.63	-5,722.95	5,240.12	4,938.87	301.25	17.395		
9,800.00	7,237.83	7,267.83	7,267.83	82.65	252.00	89.78	1,368.63	-5,722.95	5,155.41	4,852.58	302.83	17.024		
9,900.00	7,238.08	7,268.08	7,268.08	85.20	252.00	89.78	1,368.63	-5,722.95	5,071.26	4,766.76	304.50	16.654		
10,000.00	7,238.32	7,268.32	7,268.32	87.77	252.01	89.79	1,368.63	-5,722.95	4,987.69	4,681.42	306.27	16.285		
10,100.00	7,238.57	7,268.57	7,268.57	90.36	252.02	89.79	1,368.63	-5,722.95	4,904.74	4,596.60	308.14	15.917		
10,200.00	7,238.82	7,268.82	7,268.82	92.97	252.03	89.80	1,368.63	-5,722.95	4,822.44	4,512.33	310.10	15.551		
10,300.00	7,239.07	7,269.07	7,269.07	95.59	252.04	89.80	1,368.63	-5,722.95	4,740.81	4,428.65	312.17	15.187		
10,400.00	7,239.32	7,269.32	7,269.32	98.22	252.05	89.81	1,368.63	-5,722.95	4,659.91	4,345.57	314.34	14.825		
10,500.00	7,239.57	7,269.57	7,269.57	100.87	252.06	89.81	1,368.63	-5,722.95	4,579.75	4,263.15	316.61	14.465		
10,600.00	7,239.82	7,269.82	7,269.82	103.52	252.07	89.82	1,368.63	-5,722.95	4,500.40	4,181.41	318.98	14.109		
10,700.00	7,240.07	7,270.07	7,270.07	106.19	252.07	89.82	1,368.63	-5,722.95	4,421.87	4,100.41	321.47	13.755		
10,800.00	7,240.31	7,270.31	7,270.31	108.87	252.08	89.83	1,368.63	-5,722.95	4,344.24	4,020.18	324.06	13.406		
10,900.00	7,240.56	7,270.56	7,270.56	111.56	252.09	89.83	1,368.63	-5,722.95	4,267.53	3,940.77	326.76	13.060		
11,000.00	7,240.81	7,270.81	7,270.81	114.25	252.10	89.84	1,368.63	-5,722.95	4,191.80	3,862.23	329.58	12.719		
11,100.00	7,241.06	7,271.06	7,271.06	116.96	252.11	89.84	1,368.63	-5,722.95	4,117.11	3,784.61	332.50	12.382		
11,200.00	7,241.31	7,271.31	7,271.31	119.67	252.12	89.85	1,368.63	-5,722.95	4,043.52	3,707.97	335.54	12.051		
11,300.00	7,241.56	7,271.56	7,271.56	122.39	252.13	89.85	1,368.63	-5,722.95	3,971.08	3,632.38	338.70	11.724		
11,400.00	7,241.81	7,271.81	7,271.81	125.11	252.14	89.86	1,368.63	-5,722.95	3,899.86	3,557.88	341.98	11.404		
11,500.00	7,242.06	7,272.06	7,272.06	127.84	252.14	89.86	1,368.63	-5,722.95	3,829.92	3,484.56	345.36	11.090		
11,600.00	7,242.30	7,272.30	7,272.30	130.58	252.15	89.87	1,368.63	-5,722.95	3,761.34	3,412.47	348.87	10.782		
11,700.00	7,242.55	7,272.55	7,272.55	133.32	252.16	89.87	1,368.63	-5,722.95	3,694.20	3,341.71	352.49	10.480		
11,800.00	7,242.80	7,272.80	7,272.80	136.07	252.17	89.88	1,368.63	-5,722.95	3,628.57	3,272.35	356.22	10.186		
11,900.00	7,243.05	7,273.05	7,273.05	138.82	252.18	89.88	1,368.63	-5,722.95	3,564.54	3,204.47	360.07	9.900		
12,000.00	7,243.30	7,273.30	7,273.30	141.58	252.19	89.89	1,368.63	-5,722.95	3,502.19	3,138.18	364.02	9.621		
12,100.00	7,243.55	7,273.55	7,273.55	144.34	252.20	89.89	1,368.63	-5,722.95	3,441.62	3,073.55	368.07	9.350		
12,200.00	7,243.80	7,273.80	7,273.80	147.10	252.20	89.90	1,368.63	-5,722.95	3,382.93	3,010.70	372.23	9.088		
12,300.00	7,244.04	7,274.04	7,274.04	149.87	252.21	89.90	1,368.63	-5,722.95	3,326.20	2,949.73	376.47	8.835		
12,400.00	7,244.29	7,274.29	7,274.29	152.64	252.22	89.91	1,368.63	-5,722.95	3,271.55	2,890.74	380.80	8.591		
12,500.00	7,244.54	7,274.54	7,274.54	155.41	252.23	89.91	1,368.63	-5,722.95	3,219.07	2,833.86	385.21	8.357		
12,600.00	7,244.79	7,274.79	7,274.79	158.19	252.24	89.92	1,368.63	-5,722.95	3,168.89	2,779.21	389.68	8.132		
12,700.00	7,245.04	7,275.04	7,275.04	160.97	252.25	89.93	1,368.63	-5,722.95	3,121.10	2,726.90	394.20	7.918		
12,800.00	7,245.29	7,275.29	7,275.29	163.75	252.26	89.93	1,368.63	-5,722.95	3,075.82	2,677.06	398.76	7.714		
12,900.00	7,245.54	7,275.54	7,275.54	166.54	252.27	89.94	1,368.63	-5,722.95	3,033.16	2,629.83	403.33	7.520		
13,000.00	7,245.79	7,275.79	7,275.79	169.33	252.27	89.94	1,368.63	-5,722.95	2,993.24	2,585.32	407.92	7.338		
13,100.00	7,246.03	7,276.03	7,276.03	172.12	252.28	89.95	1,368.63	-5,722.95	2,956.16	2,543.68	412.48	7.167		
13,200.00	7,246.28	7,276.28	7,276.28	174.91	252.29	89.95	1,368.63	-5,722.95	2,922.04	2,505.03	417.01	7.007		
13,300.00	7,246.53	7,276.53	7,276.53	177.71	252.30	89.96	1,368.63	-5,722.95	2,890.97	2,469.49	421.48	6.859		
13,400.00	7,246.78	7,276.78	7,276.78	180.50	252.31	89.96	1,368.63	-5,722.95	2,863.06	2,437.20	425.87	6.723		
13,500.00	7,247.03	7,277.03	7,277.03	183.30	252.32	89.97	1,368.63	-5,722.95	2,838.41	2,408.25	430.15	6.599		
13,600.00	7,247.28	7,277.28	7,277.28	186.10	252.33	89.97	1,368.63	-5,722.95	2,817.08	2,382.77	434.31	6.486		
13,700.00	7,247.53	7,277.53	7,277.53	188.91	252.33	89.98	1,368.63	-5,722.95	2,799.17	2,360.86	438.31	6.386		
13,800.00	7,247.77	7,277.77	7,277.77	191.71	252.34	89.98	1,368.63	-5,722.95	2,784.74	2,342.60	442.14	6.298		
13,900.00	7,248.02	7,278.02	7,278.02	194.52	252.35	89.99	1,368.63	-5,722.95	2,773.84	2,328.06	445.78	6.222		
14,000.00	7,248.27	7,278.27	7,278.27	197.32	252.36	89.99	1,368.63	-5,722.95	2,766.51	2,317.32	449.20	6.159		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	7,278.52	7,278.52	200.13	252.37	90.00	1,368.63	-5,722.95	2,762.79	2,310.41	452.38	6.107		
14,152.95	7,248.65	7,278.65	7,278.65	201.62	252.37	90.00	1,368.63	-5,722.95	2,762.28	2,308.31	453.97	6.085 CC		
14,200.00	7,248.77	7,278.77	7,278.77	202.94	252.38	90.00	1,368.63	-5,722.95	2,762.68	2,307.36	455.32	6.068 ES		
14,300.00	7,249.02	7,279.02	7,279.02	205.76	252.39	90.01	1,368.63	-5,722.95	2,766.19	2,308.19	458.00	6.040		
14,400.00	7,249.27	7,279.27	7,279.27	208.57	252.40	90.01	1,368.63	-5,722.95	2,773.31	2,312.90	460.41	6.024		
14,500.00	7,249.52	7,279.52	7,279.52	211.38	252.40	90.02	1,368.63	-5,722.95	2,784.00	2,321.45	462.55	6.019 SF		
14,600.00	7,249.76	7,279.76	7,279.76	214.20	252.41	90.02	1,368.63	-5,722.95	2,798.23	2,333.81	464.42	6.025		
14,700.00	7,250.01	7,280.01	7,280.01	217.02	252.42	90.03	1,368.63	-5,722.95	2,815.93	2,349.93	466.00	6.043		
14,800.00	7,250.26	7,280.26	7,280.26	219.84	252.43	90.03	1,368.63	-5,722.95	2,837.06	2,369.74	467.32	6.071		
14,900.00	7,250.51	7,280.51	7,280.51	222.65	252.44	90.04	1,368.63	-5,722.95	2,861.52	2,393.15	468.37	6.109		
15,000.00	7,250.76	7,280.76	7,280.76	225.48	252.45	90.04	1,368.63	-5,722.95	2,889.24	2,420.07	469.17	6.158		
15,100.00	7,251.01	7,281.01	7,281.01	228.30	252.46	90.05	1,368.63	-5,722.95	2,920.12	2,450.39	469.73	6.217		
15,200.00	7,251.26	7,281.26	7,281.26	231.12	252.46	90.05	1,368.63	-5,722.95	2,954.07	2,484.02	470.05	6.285		
15,300.00	7,251.50	7,281.50	7,281.50	233.94	252.47	90.06	1,368.63	-5,722.95	2,990.98	2,520.81	470.16	6.362		
15,400.00	7,251.75	7,281.75	7,281.75	236.77	252.48	90.06	1,368.63	-5,722.95	3,030.73	2,560.66	470.07	6.447		
15,500.00	7,252.00	7,282.00	7,282.00	239.59	252.49	90.07	1,368.63	-5,722.95	3,073.23	2,603.44	469.79	6.542		
15,600.00	7,252.25	7,282.25	7,282.25	242.42	252.50	90.07	1,368.63	-5,722.95	3,118.36	2,649.01	469.35	6.644		
15,700.00	7,252.50	7,282.50	7,282.50	245.24	252.51	90.08	1,368.63	-5,722.95	3,166.00	2,697.25	468.75	6.754		
15,800.00	7,252.75	7,282.75	7,282.75	248.07	252.52	90.08	1,368.63	-5,722.95	3,216.05	2,748.04	468.01	6.872		
15,900.00	7,253.00	7,283.00	7,283.00	250.90	252.53	90.09	1,368.63	-5,722.95	3,268.39	2,801.24	467.15	6.996		
16,000.00	7,253.25	7,283.25	7,283.25	253.73	252.53	90.10	1,368.63	-5,722.95	3,322.92	2,856.74	466.18	7.128		
16,100.00	7,253.49	7,283.49	7,283.49	256.56	252.54	90.10	1,368.63	-5,722.95	3,379.53	2,914.41	465.12	7.266		
16,200.00	7,253.74	7,283.74	7,283.74	259.39	252.55	90.11	1,368.63	-5,722.95	3,438.11	2,974.13	463.98	7.410		
16,300.00	7,253.99	7,283.99	7,283.99	262.22	252.56	90.11	1,368.63	-5,722.95	3,498.57	3,035.81	462.76	7.560		
16,400.00	7,254.24	7,284.24	7,284.24	265.05	252.57	90.12	1,368.63	-5,722.95	3,560.82	3,099.33	461.49	7.716		
16,500.00	7,254.49	7,284.49	7,284.49	267.88	252.58	90.12	1,368.63	-5,722.95	3,624.75	3,164.58	460.17	7.877		
16,600.00	7,254.74	7,284.74	7,284.74	270.72	252.59	90.13	1,368.63	-5,722.95	3,690.29	3,231.48	458.81	8.043		
16,700.00	7,254.99	7,284.99	7,284.99	273.55	252.60	90.13	1,368.63	-5,722.95	3,757.35	3,299.92	457.42	8.214		
16,800.00	7,255.24	7,285.24	7,285.24	276.38	252.60	90.14	1,368.63	-5,722.95	3,825.84	3,369.83	456.01	8.390		
16,900.00	7,255.48	7,285.48	7,285.48	279.22	252.61	90.14	1,368.63	-5,722.95	3,895.70	3,441.12	454.58	8.570		
17,000.00	7,255.73	7,285.73	7,285.73	282.05	252.62	90.15	1,368.63	-5,722.95	3,966.85	3,513.71	453.14	8.754		
17,100.00	7,255.98	7,285.98	7,285.98	284.89	252.63	90.15	1,368.63	-5,722.95	4,039.22	3,587.53	451.69	8.942		
17,200.00	7,256.23	7,286.23	7,286.23	287.73	252.64	90.16	1,368.63	-5,722.95	4,112.75	3,662.50	450.24	9.135		
17,300.00	7,256.48	7,286.48	7,286.48	290.56	252.65	90.16	1,368.63	-5,722.95	4,187.37	3,738.58	448.80	9.330		
17,400.00	7,256.73	7,286.73	7,286.73	293.40	252.66	90.17	1,368.63	-5,722.95	4,263.04	3,815.68	447.36	9.529		
17,500.00	7,256.98	7,286.98	7,286.98	296.24	252.66	90.17	1,368.63	-5,722.95	4,339.69	3,893.76	445.93	9.732		
17,600.00	7,257.22	7,287.22	7,287.22	299.07	252.67	90.18	1,368.63	-5,722.95	4,417.27	3,972.76	444.52	9.937		
17,700.00	7,257.47	7,287.47	7,287.47	301.91	252.68	90.18	1,368.63	-5,722.95	4,495.74	4,052.63	443.12	10.146		
17,800.00	7,257.72	7,287.72	7,287.72	304.75	252.69	90.19	1,368.63	-5,722.95	4,575.05	4,133.32	441.73	10.357		
17,900.00	7,257.97	7,287.97	7,287.97	307.59	252.70	90.19	1,368.63	-5,722.95	4,655.16	4,214.79	440.37	10.571		
18,000.00	7,258.22	7,288.22	7,288.22	310.43	252.71	90.20	1,368.63	-5,722.95	4,736.03	4,297.00	439.02	10.788		
18,100.00	7,258.47	7,288.47	7,288.47	313.27	252.72	90.20	1,368.63	-5,722.95	4,817.61	4,379.91	437.70	11.007		
18,200.00	7,258.72	7,288.72	7,288.72	316.11	252.73	90.21	1,368.63	-5,722.95	4,899.87	4,463.48	436.39	11.228		
18,300.00	7,258.97	7,288.97	7,288.97	318.95	252.73	90.21	1,368.63	-5,722.95	4,982.79	4,547.67	435.11	11.452		
18,400.00	7,259.21	7,289.21	7,289.21	321.79	252.74	90.22	1,368.63	-5,722.95	5,066.32	4,632.46	433.85	11.678		
18,500.00	7,259.46	7,289.46	7,289.46	324.63	252.75	90.22	1,368.63	-5,722.95	5,150.43	4,717.82	432.62	11.905		
18,600.00	7,259.71	7,289.71	7,289.71	327.48	252.76	90.23	1,368.63	-5,722.95	5,235.11	4,803.70	431.41	12.135		
18,700.00	7,259.96	7,289.96	7,289.96	330.32	252.77	90.23	1,368.63	-5,722.95	5,320.32	4,890.10	430.22	12.367		
18,800.00	7,260.21	7,290.21	7,290.21	333.16	252.78	90.24	1,368.63	-5,722.95	5,406.03	4,976.29	429.74	12.580		
18,900.00	7,260.46	7,290.46	7,290.46	336.00	252.79	90.24	1,368.63	-5,722.95	5,492.23	5,063.65	428.58	12.815		
19,000.00	7,260.71	7,290.71	7,290.71	338.85	252.80	90.25	1,368.63	-5,722.95	5,578.89	5,151.44	427.44	13.052		
19,100.00	7,260.96	7,290.96	7,290.96	341.69	252.81	90.26	1,368.63	-5,722.95	5,665.99	5,239.65	426.33	13.290		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>	Falken 9-11 PAD - ANDERSON #42-10(PR) - OH - OH											<b>Offset Site Error:</b>	0.00 ft
<b>Survey Program:</b>	100-2" Cone@2.448 Sigma											<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
19,118.22	7,261.00	7,309.00	7,291.00	342.21	253.43	90.26	1,368.63	-5,722.95	5,681.90	5,255.77	426.13	13.334	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-87.86	163.59	-4,370.85	4,373.91					
100.00	100.00	123.00	123.00	3.28	4.15	-87.86	163.59	-4,370.85	4,373.91	4,366.47	7.44	588.020		
200.00	200.00	223.00	223.00	3.34	6.87	-87.86	163.59	-4,370.85	4,373.91	4,363.70	10.21	428.408		
300.00	300.00	323.00	323.00	3.44	10.08	-87.86	163.59	-4,370.85	4,373.91	4,360.38	13.52	323.419		
400.00	399.98	422.98	422.98	3.60	13.43	135.74	163.59	-4,370.85	4,375.16	4,358.13	17.02	256.997		
500.00	499.84	522.84	522.84	3.79	16.83	135.74	163.59	-4,370.85	4,378.91	4,358.29	20.62	212.380		
600.00	599.45	622.45	622.45	4.03	20.25	135.73	163.59	-4,370.85	4,385.16	4,360.88	24.27	180.648		
700.00	698.70	721.70	721.70	4.30	23.68	135.72	163.59	-4,370.85	4,393.92	4,365.95	27.97	157.084		
800.00	797.47	820.47	820.47	4.60	27.10	135.70	163.59	-4,370.85	4,405.18	4,373.49	31.70	138.984		
900.00	895.62	918.62	918.62	4.94	30.50	135.68	163.59	-4,370.85	4,418.96	4,383.52	35.44	124.705		
1,000.00	993.06	1,016.06	1,016.06	5.32	33.88	135.65	163.59	-4,370.85	4,435.25	4,396.07	39.18	113.194		
1,100.00	1,089.64	1,112.64	1,112.64	5.73	37.24	135.61	163.59	-4,370.85	4,454.06	4,411.13	42.93	103.748		
1,131.50	1,119.87	1,142.87	1,142.87	5.87	38.29	135.59	163.59	-4,370.85	4,460.51	4,416.40	44.11	101.114		
1,200.00	1,185.51	1,208.51	1,208.51	6.18	40.58	135.77	163.59	-4,370.85	4,474.83	4,428.15	46.68	95.861		
1,300.00	1,281.33	1,304.33	1,304.33	6.65	43.91	136.02	163.59	-4,370.85	4,495.80	4,445.35	50.44	89.126		
1,400.00	1,377.14	1,400.14	1,400.14	7.13	47.25	136.26	163.59	-4,370.85	4,516.85	4,462.63	54.22	83.303		
1,500.00	1,472.96	1,504.04	1,495.96	7.63	50.87	136.51	163.59	-4,370.85	4,537.99	4,479.69	58.30	77.845		
1,600.00	1,568.78	1,608.22	1,591.78	8.14	54.50	136.75	163.59	-4,370.85	4,559.20	4,496.81	62.39	73.077		
1,700.00	1,664.60	1,687.60	1,687.60	8.66	57.26	136.99	163.59	-4,370.85	4,580.50	4,514.87	65.63	69.796		
1,800.00	1,760.41	1,783.41	1,783.41	9.19	60.60	137.23	163.59	-4,370.85	4,601.88	4,532.43	69.45	66.266		
1,900.00	1,856.23	1,879.23	1,879.23	9.73	63.94	137.47	163.59	-4,370.85	4,623.34	4,550.07	73.27	63.100		
2,000.00	1,952.05	1,975.05	1,975.05	10.27	67.28	137.70	163.59	-4,370.85	4,644.87	4,567.77	77.10	60.246		
2,100.00	2,047.86	2,070.86	2,070.86	10.81	70.62	137.93	163.59	-4,370.85	4,666.48	4,585.55	80.93	57.660		
2,200.00	2,143.68	2,166.68	2,166.68	11.36	73.97	138.16	163.59	-4,370.85	4,688.16	4,603.40	84.77	55.306		
2,300.00	2,239.50	2,262.50	2,262.50	11.92	77.31	138.39	163.59	-4,370.85	4,709.92	4,621.31	88.61	53.155		
2,400.00	2,335.32	2,358.32	2,358.32	12.47	80.65	138.62	163.59	-4,370.85	4,731.75	4,639.30	92.45	51.182		
2,500.00	2,431.13	2,454.13	2,454.13	13.03	83.99	138.84	163.59	-4,370.85	4,753.66	4,657.36	96.29	49.367		
2,600.00	2,526.95	2,549.95	2,549.95	13.59	87.34	139.06	163.59	-4,370.85	4,775.63	4,675.49	100.14	47.690		
2,700.00	2,622.77	2,645.77	2,645.77	14.15	90.68	139.28	163.59	-4,370.85	4,797.68	4,693.69	103.99	46.138		
2,800.00	2,718.59	2,741.59	2,741.59	14.72	94.02	139.50	163.59	-4,370.85	4,819.79	4,711.96	107.83	44.696		
2,900.00	2,814.40	2,837.40	2,837.40	15.29	97.36	139.72	163.59	-4,370.85	4,841.97	4,730.29	111.68	43.355		
3,000.00	2,910.22	2,933.22	2,933.22	15.85	100.71	139.93	163.59	-4,370.85	4,864.22	4,748.69	115.53	42.102		
3,100.00	3,006.04	3,029.04	3,029.04	16.42	104.05	140.14	163.59	-4,370.85	4,886.54	4,767.15	119.38	40.931		
3,200.00	3,101.85	3,124.85	3,124.85	16.99	107.39	140.35	163.59	-4,370.85	4,908.92	4,785.68	123.24	39.834		
3,300.00	3,197.67	3,220.67	3,220.67	17.56	110.74	140.56	163.59	-4,370.85	4,931.36	4,804.28	127.09	38.803		
3,400.00	3,293.49	3,316.49	3,316.49	18.14	114.08	140.77	163.59	-4,370.85	4,953.87	4,822.93	130.94	37.833		
3,500.00	3,389.31	3,412.31	3,412.31	18.71	117.42	140.97	163.59	-4,370.85	4,976.45	4,841.65	134.79	36.919		
3,600.00	3,485.12	3,508.12	3,508.12	19.28	120.77	141.18	163.59	-4,370.85	4,999.08	4,860.43	138.64	36.057		
3,700.00	3,580.94	3,603.94	3,603.94	19.86	124.11	141.38	163.59	-4,370.85	5,021.77	4,879.28	142.50	35.241		
3,800.00	3,676.76	3,700.24	3,699.76	20.43	127.47	141.58	163.59	-4,370.85	5,044.53	4,898.16	146.37	34.465		
3,900.00	3,772.58	3,804.42	3,795.58	21.01	131.11	141.78	163.59	-4,370.85	5,067.34	4,916.83	150.51	33.667		
4,000.00	3,868.39	3,908.61	3,891.39	21.58	134.74	141.97	163.59	-4,370.85	5,090.22	4,935.56	154.66	32.913		
4,100.00	3,964.21	3,987.21	3,987.21	22.16	137.49	142.17	163.59	-4,370.85	5,113.15	4,955.24	157.91	32.380		
4,200.00	4,060.03	4,083.03	4,083.03	22.74	140.83	142.36	163.59	-4,370.85	5,136.14	4,974.37	161.76	31.751		
4,300.00	4,155.85	4,178.85	4,178.85	23.32	144.18	142.55	163.59	-4,370.85	5,159.18	4,993.57	165.62	31.151		
4,400.00	4,251.66	4,274.66	4,274.66	23.89	147.52	142.74	163.59	-4,370.85	5,182.28	5,012.81	169.47	30.580		
4,500.00	4,347.48	4,370.48	4,370.48	24.47	150.86	142.93	163.59	-4,370.85	5,205.44	5,032.12	173.32	30.033		
4,600.00	4,443.30	4,466.30	4,466.30	25.05	154.21	143.11	163.59	-4,370.85	5,228.65	5,051.47	177.17	29.511		
4,700.00	4,539.11	4,562.11	4,562.11	25.63	157.55	143.30	163.59	-4,370.85	5,251.91	5,070.88	181.03	29.012		
4,800.00	4,634.93	4,657.93	4,657.93	26.21	160.90	143.48	163.59	-4,370.85	5,275.22	5,090.34	184.88	28.533		
4,900.00	4,730.75	4,753.75	4,753.75	26.79	164.24	143.66	163.59	-4,370.85	5,298.59	5,109.86	188.73	28.075		
5,000.00	4,826.57	4,849.57	4,849.57	27.37	167.59	143.84	163.59	-4,370.85	5,322.01	5,129.43	192.58	27.635		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,945.38	4,945.38	27.95	170.93	144.02	163.59	-4,370.85	5,345.48	5,149.04	196.43	27.212		
5,200.00	5,018.20	5,041.20	5,041.20	28.53	174.27	144.20	163.59	-4,370.85	5,369.00	5,168.71	200.29	26.807		
5,300.00	5,114.02	5,137.02	5,137.02	29.11	177.62	144.37	163.59	-4,370.85	5,392.57	5,188.43	204.14	26.416		
5,400.00	5,209.84	5,232.84	5,232.84	29.69	180.96	144.55	163.59	-4,370.85	5,416.18	5,208.19	207.99	26.041		
5,500.00	5,305.65	5,328.65	5,328.65	30.27	184.31	144.72	163.59	-4,370.85	5,439.85	5,228.01	211.84	25.679		
5,600.00	5,401.47	5,424.47	5,424.47	30.86	187.65	144.89	163.59	-4,370.85	5,463.56	5,247.87	215.69	25.331		
5,700.00	5,497.29	5,520.29	5,520.29	31.44	191.00	145.06	163.59	-4,370.85	5,487.32	5,267.78	219.54	24.995		
5,800.00	5,593.10	5,616.10	5,616.10	32.02	194.34	145.23	163.59	-4,370.85	5,511.13	5,287.73	223.39	24.670		
5,900.00	5,688.92	5,711.92	5,711.92	32.60	197.69	145.40	163.59	-4,370.85	5,534.98	5,307.74	227.24	24.357		
6,000.00	5,784.74	5,807.74	5,807.74	33.18	201.03	145.56	163.59	-4,370.85	5,558.87	5,327.78	231.09	24.055		
6,100.00	5,880.56	5,903.56	5,903.56	33.76	204.37	145.73	163.59	-4,370.85	5,582.81	5,347.87	234.94	23.763		
6,200.00	5,976.37	6,000.63	5,999.37	34.35	207.76	145.89	163.59	-4,370.85	5,606.80	5,367.96	238.83	23.476		
6,300.00	6,072.19	6,104.81	6,095.19	34.93	211.40	146.05	163.59	-4,370.85	5,630.82	5,387.85	242.97	23.175		
6,400.00	6,168.01	6,208.99	6,191.01	35.51	215.04	146.21	163.59	-4,370.85	5,654.90	5,407.78	247.11	22.884		
6,500.00	6,263.83	6,286.83	6,286.83	36.09	217.75	146.37	163.59	-4,370.85	5,679.01	5,428.67	250.34	22.686		
6,600.00	6,359.64	6,382.64	6,382.64	36.68	221.10	146.52	163.59	-4,370.85	5,703.16	5,448.98	254.18	22.437		
6,700.00	6,455.46	6,478.46	6,478.46	37.26	224.44	146.68	163.59	-4,370.85	5,727.36	5,469.33	258.03	22.196		
6,733.48	6,487.54	6,510.54	6,510.54	37.45	225.56	146.73	163.59	-4,370.85	5,735.47	5,476.15	259.32	22.117		
6,750.00	6,503.41	6,526.41	6,526.41	37.55	226.12	142.77	163.59	-4,370.85	5,739.27	5,479.31	259.96	22.078		
6,800.00	6,551.83	6,574.83	6,574.83	37.82	227.81	127.70	163.59	-4,370.85	5,748.30	5,486.41	261.89	21.949		
6,850.00	6,600.62	6,623.62	6,623.62	38.05	229.51	108.30	163.59	-4,370.85	5,753.58	5,489.76	263.82	21.809		
6,900.00	6,649.47	6,672.47	6,672.47	38.25	231.21	87.97	163.59	-4,370.85	5,755.07	5,489.34	265.73	21.658		
6,950.00	6,698.08	6,721.08	6,721.08	38.42	232.91	71.18	163.59	-4,370.85	5,752.78	5,485.18	267.60	21.498		
7,000.00	6,746.15	6,769.15	6,769.15	38.57	234.59	59.24	163.59	-4,370.85	5,746.72	5,477.30	269.43	21.329		
7,050.00	6,793.39	6,816.39	6,816.39	38.71	236.24	51.16	163.59	-4,370.85	5,736.94	5,465.75	271.19	21.154		
7,100.00	6,839.50	6,862.50	6,862.50	38.84	237.85	45.72	163.59	-4,370.85	5,723.50	5,450.61	272.90	20.973		
7,150.00	6,884.20	6,907.20	6,907.20	38.97	239.41	42.04	163.59	-4,370.85	5,706.49	5,431.97	274.53	20.787		
7,200.00	6,927.21	6,950.21	6,950.21	39.11	240.91	39.61	163.59	-4,370.85	5,686.02	5,409.95	276.07	20.596		
7,250.00	6,968.28	7,008.72	6,991.28	39.25	242.95	38.08	163.59	-4,370.85	5,662.22	5,384.08	278.14	20.358		
7,300.00	7,007.13	7,030.13	7,030.13	39.41	243.70	37.29	163.59	-4,370.85	5,635.24	5,356.35	278.89	20.206		
7,350.00	7,043.55	7,066.55	7,066.55	39.58	244.97	37.11	163.59	-4,370.85	5,605.25	5,325.10	280.16	20.007		
7,400.00	7,077.29	7,100.29	7,100.29	39.77	246.15	37.52	163.59	-4,370.85	5,572.45	5,291.13	281.32	19.808		
7,450.00	7,108.16	7,131.16	7,131.16	39.98	247.23	38.52	163.59	-4,370.85	5,537.02	5,254.65	282.37	19.609		
7,500.00	7,135.96	7,158.96	7,158.96	40.22	248.20	40.15	163.59	-4,370.85	5,499.20	5,215.89	283.31	19.411		
7,550.00	7,160.53	7,183.53	7,183.53	40.49	249.05	42.53	163.59	-4,370.85	5,459.22	5,175.08	284.13	19.214		
7,600.00	7,181.70	7,204.70	7,204.70	40.79	249.79	45.83	163.59	-4,370.85	5,417.32	5,132.47	284.84	19.019		
7,650.00	7,199.35	7,222.35	7,222.35	41.13	250.41	50.30	163.59	-4,370.85	5,373.76	5,088.32	285.44	18.827		
7,700.00	7,213.38	7,236.38	7,236.38	41.51	250.90	56.29	163.59	-4,370.85	5,328.81	5,042.90	285.91	18.638		
7,750.00	7,223.68	7,246.68	7,246.68	41.93	251.26	64.22	163.59	-4,370.85	5,282.74	4,996.48	286.27	18.454		
7,800.00	7,230.21	7,253.21	7,253.21	42.38	251.49	74.51	163.59	-4,370.85	5,235.84	4,949.34	286.50	18.275		
7,850.00	7,232.92	7,255.92	7,255.92	42.87	251.58	87.15	163.59	-4,370.85	5,188.38	4,901.76	286.62	18.102		
7,858.69	7,233.00	7,256.00	7,256.00	42.95	251.58	89.55	163.59	-4,370.85	5,180.10	4,893.47	286.63	18.072		
7,900.00	7,233.10	7,256.10	7,256.10	43.38	251.59	89.55	163.59	-4,370.85	5,140.72	4,854.06	286.66	17.933		
8,000.00	7,233.35	7,256.35	7,256.35	44.56	251.60	89.56	163.59	-4,370.85	5,045.53	4,758.76	286.77	17.594		
8,100.00	7,233.60	7,256.60	7,256.60	45.91	251.60	89.57	163.59	-4,370.85	4,950.53	4,663.62	286.91	17.255		
8,200.00	7,233.85	7,256.85	7,256.85	47.41	251.61	89.58	163.59	-4,370.85	4,855.73	4,568.64	287.09	16.914		
8,300.00	7,234.10	7,257.10	7,257.10	49.05	251.62	89.59	163.59	-4,370.85	4,761.14	4,473.83	287.30	16.572		
8,400.00	7,234.35	7,257.35	7,257.35	50.81	251.63	89.60	163.59	-4,370.85	4,666.77	4,379.20	287.57	16.228		
8,500.00	7,234.59	7,257.59	7,257.59	52.68	251.64	89.61	163.59	-4,370.85	4,572.65	4,284.77	287.88	15.884		
8,600.00	7,234.84	7,257.84	7,257.84	54.65	251.65	89.62	163.59	-4,370.85	4,478.78	4,190.53	288.25	15.538		
8,700.00	7,235.09	7,258.09	7,258.09	56.70	251.66	89.63	163.59	-4,370.85	4,385.18	4,096.51	288.68	15.191		
8,800.00	7,235.34	7,258.34	7,258.34	58.82	251.67	89.63	163.59	-4,370.85	4,291.87	4,002.71	289.16	14.842		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.59	7,258.59	7,258.59	61.01	251.67	89.64	163.59	-4,370.85	4,198.87	3,909.15	289.72	14.493		
9,000.00	7,235.84	7,258.84	7,258.84	63.25	251.68	89.65	163.59	-4,370.85	4,106.20	3,815.84	290.35	14.142		
9,100.00	7,236.09	7,259.09	7,259.09	65.55	251.69	89.66	163.59	-4,370.85	4,013.88	3,722.81	291.06	13.790		
9,200.00	7,236.34	7,259.34	7,259.34	67.89	251.70	89.67	163.59	-4,370.85	3,921.93	3,630.07	291.86	13.438		
9,300.00	7,236.58	7,259.58	7,259.58	70.27	251.71	89.68	163.59	-4,370.85	3,830.39	3,537.64	292.75	13.084		
9,400.00	7,236.83	7,259.83	7,259.83	72.69	251.72	89.69	163.59	-4,370.85	3,739.28	3,445.55	293.73	12.730		
9,500.00	7,237.08	7,260.08	7,260.08	75.14	251.73	89.70	163.59	-4,370.85	3,648.64	3,353.82	294.82	12.376		
9,600.00	7,237.33	7,260.33	7,260.33	77.62	251.73	89.71	163.59	-4,370.85	3,558.50	3,262.48	296.02	12.021		
9,700.00	7,237.58	7,260.58	7,260.58	80.12	251.74	89.72	163.59	-4,370.85	3,468.90	3,171.56	297.34	11.667		
9,800.00	7,237.83	7,260.83	7,260.83	82.65	251.75	89.73	163.59	-4,370.85	3,379.88	3,081.10	298.78	11.312		
9,900.00	7,238.08	7,261.08	7,261.08	85.20	251.76	89.74	163.59	-4,370.85	3,291.50	2,991.14	300.36	10.959		
10,000.00	7,238.32	7,261.32	7,261.32	87.77	251.77	89.74	163.59	-4,370.85	3,203.80	2,901.72	302.08	10.606		
10,100.00	7,238.57	7,261.57	7,261.57	90.36	251.78	89.75	163.59	-4,370.85	3,116.83	2,812.89	303.95	10.255		
10,200.00	7,238.82	7,261.82	7,261.82	92.97	251.79	89.76	163.59	-4,370.85	3,030.68	2,724.71	305.97	9.905		
10,300.00	7,239.07	7,262.07	7,262.07	95.59	251.80	89.77	163.59	-4,370.85	2,945.39	2,637.23	308.16	9.558		
10,400.00	7,239.32	7,262.32	7,262.32	98.22	251.80	89.78	163.59	-4,370.85	2,861.06	2,550.53	310.53	9.213		
10,500.00	7,239.57	7,262.57	7,262.57	100.87	251.81	89.79	163.59	-4,370.85	2,777.78	2,464.69	313.09	8.872		
10,600.00	7,239.82	7,262.82	7,262.82	103.52	251.82	89.80	163.59	-4,370.85	2,695.62	2,379.78	315.84	8.535		
10,700.00	7,240.07	7,263.07	7,263.07	106.19	251.83	89.81	163.59	-4,370.85	2,614.71	2,295.92	318.79	8.202		
10,800.00	7,240.31	7,263.31	7,263.31	108.87	251.84	89.82	163.59	-4,370.85	2,535.17	2,213.20	321.96	7.874		
10,900.00	7,240.56	7,263.56	7,263.56	111.56	251.85	89.83	163.59	-4,370.85	2,457.12	2,131.76	325.35	7.552		
11,000.00	7,240.81	7,263.81	7,263.81	114.25	251.86	89.84	163.59	-4,370.85	2,380.71	2,051.73	328.97	7.237		
11,100.00	7,241.06	7,264.06	7,264.06	116.96	251.86	89.84	163.59	-4,370.85	2,306.10	1,973.27	332.83	6.929		
11,200.00	7,241.31	7,264.31	7,264.31	119.67	251.87	89.85	163.59	-4,370.85	2,233.48	1,896.56	336.92	6.629		
11,300.00	7,241.56	7,264.56	7,264.56	122.39	251.88	89.86	163.59	-4,370.85	2,163.05	1,821.79	341.26	6.338		
11,400.00	7,241.81	7,264.81	7,264.81	125.11	251.89	89.87	163.59	-4,370.85	2,095.03	1,749.18	345.84	6.058		
11,500.00	7,242.06	7,265.06	7,265.06	127.84	251.90	89.88	163.59	-4,370.85	2,029.65	1,678.99	350.66	5.788		
11,600.00	7,242.30	7,265.30	7,265.30	130.58	251.91	89.89	163.59	-4,370.85	1,967.19	1,611.49	355.69	5.531		
11,700.00	7,242.55	7,265.55	7,265.55	133.32	251.92	89.90	163.59	-4,370.85	1,907.92	1,546.99	360.93	5.286		
11,800.00	7,242.80	7,265.80	7,265.80	136.07	251.93	89.91	163.59	-4,370.85	1,852.16	1,485.83	366.33	5.056		
11,900.00	7,243.05	7,266.05	7,266.05	138.82	251.93	89.92	163.59	-4,370.85	1,800.24	1,428.37	371.87	4.841		
12,000.00	7,243.30	7,266.30	7,266.30	141.58	251.94	89.93	163.59	-4,370.85	1,752.48	1,375.00	377.48	4.643		
12,100.00	7,243.55	7,266.55	7,266.55	144.34	251.95	89.94	163.59	-4,370.85	1,709.25	1,326.14	383.11	4.462		
12,200.00	7,243.80	7,266.80	7,266.80	147.10	251.96	89.95	163.59	-4,370.85	1,670.89	1,282.21	388.68	4.299		
12,300.00	7,244.04	7,267.04	7,267.04	149.87	251.97	89.95	163.59	-4,370.85	1,637.75	1,243.65	394.10	4.156		
12,400.00	7,244.29	7,267.29	7,267.29	152.64	251.98	89.96	163.59	-4,370.85	1,610.15	1,210.87	399.28	4.033		
12,500.00	7,244.54	7,267.54	7,267.54	155.41	251.99	89.97	163.59	-4,370.85	1,588.37	1,184.25	404.12	3.930		
12,600.00	7,244.79	7,267.79	7,267.79	158.19	251.99	89.98	163.59	-4,370.85	1,572.66	1,164.13	408.53	3.850		
12,700.00	7,245.04	7,268.04	7,268.04	160.97	252.00	89.99	163.59	-4,370.85	1,563.20	1,150.78	412.42	3.790		
12,798.29	7,245.28	7,268.28	7,268.28	163.71	252.01	90.00	163.59	-4,370.85	1,560.11	1,144.43	415.68	3.753 CC		
12,800.00	7,245.29	7,268.29	7,268.29	163.75	252.01	90.00	163.59	-4,370.85	1,560.11	1,144.38	415.73	3.753 ES		
12,900.00	7,245.54	7,268.54	7,268.54	166.54	252.02	90.01	163.59	-4,370.85	1,563.42	1,145.01	418.41	3.737 SF		
13,000.00	7,245.79	7,268.79	7,268.79	169.33	252.03	90.02	163.59	-4,370.85	1,573.09	1,152.68	420.42	3.742		
13,100.00	7,246.03	7,269.03	7,269.03	172.12	252.04	90.03	163.59	-4,370.85	1,589.01	1,167.25	421.77	3.768		
13,200.00	7,246.28	7,269.28	7,269.28	174.91	252.05	90.04	163.59	-4,370.85	1,610.99	1,188.52	422.47	3.813		
13,300.00	7,246.53	7,269.53	7,269.53	177.71	252.06	90.05	163.59	-4,370.85	1,638.79	1,216.21	422.58	3.878		
13,400.00	7,246.78	7,269.78	7,269.78	180.50	252.06	90.05	163.59	-4,370.85	1,672.12	1,249.97	422.15	3.961		
13,500.00	7,247.03	7,270.03	7,270.03	183.30	252.07	90.06	163.59	-4,370.85	1,710.65	1,289.40	421.25	4.061		
13,600.00	7,247.28	7,270.28	7,270.28	186.10	252.08	90.07	163.59	-4,370.85	1,754.04	1,334.11	419.94	4.177		
13,700.00	7,247.53	7,270.53	7,270.53	188.91	252.09	90.08	163.59	-4,370.85	1,801.95	1,383.65	418.30	4.308		
13,800.00	7,247.77	7,270.77	7,270.77	191.71	252.10	90.09	163.59	-4,370.85	1,854.01	1,437.62	416.39	4.453		
13,900.00	7,248.02	7,271.02	7,271.02	194.52	252.11	90.10	163.59	-4,370.85	1,909.89	1,495.60	414.29	4.610		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	7,271.27	7,271.27	197.32	252.12	90.11	163.59	-4,370.85	1,969.27	1,557.24	412.04	4.779		
14,100.00	7,248.52	7,271.52	7,271.52	200.13	252.13	90.12	163.59	-4,370.85	2,031.84	1,622.15	409.69	4.960		
14,200.00	7,248.77	7,271.77	7,271.77	202.94	252.13	90.13	163.59	-4,370.85	2,097.31	1,690.03	407.28	5.150		
14,300.00	7,249.02	7,272.02	7,272.02	205.76	252.14	90.14	163.59	-4,370.85	2,165.42	1,760.58	404.84	5.349		
14,400.00	7,249.27	7,272.27	7,272.27	208.57	252.15	90.15	163.59	-4,370.85	2,235.93	1,833.52	402.41	5.556		
14,500.00	7,249.52	7,272.52	7,272.52	211.38	252.16	90.16	163.59	-4,370.85	2,308.62	1,908.62	400.00	5.772		
14,600.00	7,249.76	7,272.76	7,272.76	214.20	252.17	90.16	163.59	-4,370.85	2,383.29	1,985.67	397.62	5.994		
14,700.00	7,250.01	7,273.01	7,273.01	217.02	252.18	90.17	163.59	-4,370.85	2,459.76	2,064.46	395.30	6.222		
14,800.00	7,250.26	7,273.26	7,273.26	219.84	252.19	90.18	163.59	-4,370.85	2,537.86	2,144.82	393.04	6.457		
14,900.00	7,250.51	7,273.51	7,273.51	222.65	252.19	90.19	163.59	-4,370.85	2,617.46	2,226.61	390.85	6.697		
15,000.00	7,250.76	7,273.76	7,273.76	225.48	252.20	90.20	163.59	-4,370.85	2,698.41	2,309.69	388.73	6.942		
15,100.00	7,251.01	7,274.01	7,274.01	228.30	252.21	90.21	163.59	-4,370.85	2,780.61	2,393.93	386.68	7.191		
15,200.00	7,251.26	7,274.26	7,274.26	231.12	252.22	90.22	163.59	-4,370.85	2,863.93	2,479.23	384.70	7.445		
15,300.00	7,251.50	7,274.50	7,274.50	233.94	252.23	90.23	163.59	-4,370.85	2,948.30	2,565.50	382.80	7.702		
15,400.00	7,251.75	7,274.75	7,274.75	236.77	252.24	90.24	163.59	-4,370.85	3,033.61	2,652.64	380.97	7.963		
15,500.00	7,252.00	7,275.00	7,275.00	239.59	252.25	90.25	163.59	-4,370.85	3,119.80	2,740.58	379.22	8.227		
15,600.00	7,252.25	7,275.25	7,275.25	242.42	252.26	90.26	163.59	-4,370.85	3,206.78	2,829.25	377.53	8.494		
15,700.00	7,252.50	7,275.50	7,275.50	245.24	252.26	90.27	163.59	-4,370.85	3,294.51	2,918.59	375.92	8.764		
15,800.00	7,252.75	7,275.75	7,275.75	248.07	252.27	90.27	163.59	-4,370.85	3,382.92	3,008.55	374.37	9.036		
15,900.00	7,253.00	7,276.00	7,276.00	250.90	252.28	90.28	163.59	-4,370.85	3,471.96	3,099.07	372.88	9.311		
16,000.00	7,253.25	7,276.25	7,276.25	253.73	252.29	90.29	163.59	-4,370.85	3,561.58	3,190.12	371.46	9.588		
16,100.00	7,253.49	7,276.49	7,276.49	256.56	252.30	90.30	163.59	-4,370.85	3,651.73	3,281.64	370.09	9.867		
16,200.00	7,253.74	7,276.74	7,276.74	259.39	252.31	90.31	163.59	-4,370.85	3,742.39	3,373.61	368.78	10.148		
16,300.00	7,253.99	7,276.99	7,276.99	262.22	252.32	90.32	163.59	-4,370.85	3,833.51	3,465.99	367.53	10.431		
16,400.00	7,254.24	7,277.24	7,277.24	265.05	252.32	90.33	163.59	-4,370.85	3,925.07	3,558.75	366.32	10.715		
16,500.00	7,254.49	7,277.49	7,277.49	267.88	252.33	90.34	163.59	-4,370.85	4,017.03	3,651.86	365.17	11.001		
16,600.00	7,254.74	7,277.74	7,277.74	270.72	252.34	90.35	163.59	-4,370.85	4,109.36	3,745.30	364.06	11.288		
16,700.00	7,254.99	7,277.99	7,277.99	273.55	252.35	90.36	163.59	-4,370.85	4,202.05	3,839.05	363.00	11.576		
16,800.00	7,255.24	7,278.24	7,278.24	276.38	252.36	90.37	163.59	-4,370.85	4,295.06	3,933.08	361.97	11.866		
16,900.00	7,255.48	7,278.48	7,278.48	279.22	252.37	90.37	163.59	-4,370.85	4,388.38	4,027.38	360.99	12.156		
17,000.00	7,255.73	7,278.73	7,278.73	282.05	252.38	90.38	163.59	-4,370.85	4,481.99	4,121.93	360.05	12.448		
17,100.00	7,255.98	7,278.98	7,278.98	284.89	252.39	90.39	163.59	-4,370.85	4,575.86	4,216.72	359.15	12.741		
17,200.00	7,256.23	7,279.23	7,279.23	287.73	252.39	90.40	163.59	-4,370.85	4,670.00	4,311.72	358.28	13.035		
17,300.00	7,256.48	7,279.48	7,279.48	290.56	252.40	90.41	163.59	-4,370.85	4,764.37	4,406.93	357.44	13.329		
17,400.00	7,256.73	7,279.73	7,279.73	293.40	252.41	90.42	163.59	-4,370.85	4,858.97	4,502.33	356.63	13.625		
17,500.00	7,256.98	7,279.98	7,279.98	296.24	252.42	90.43	163.59	-4,370.85	4,953.77	4,597.91	355.86	13.921		
17,600.00	7,257.22	7,280.22	7,280.22	299.07	252.43	90.44	163.59	-4,370.85	5,048.78	4,693.67	355.11	14.217		
17,700.00	7,257.47	7,280.47	7,280.47	301.91	252.44	90.45	163.59	-4,370.85	5,143.98	4,789.59	354.40	14.515		
17,800.00	7,257.72	7,280.72	7,280.72	304.75	252.45	90.46	163.59	-4,370.85	5,239.36	4,885.65	353.71	14.813		
17,900.00	7,257.97	7,280.97	7,280.97	307.59	252.45	90.47	163.59	-4,370.85	5,334.91	4,981.87	353.04	15.111		
18,000.00	7,258.22	7,281.22	7,281.22	310.43	252.46	90.48	163.59	-4,370.85	5,430.61	5,078.21	352.40	15.410		
18,100.00	7,258.47	7,281.47	7,281.47	313.27	252.47	90.48	163.59	-4,370.85	5,526.47	5,174.69	351.78	15.710		
18,200.00	7,258.72	7,281.72	7,281.72	316.11	252.48	90.49	163.59	-4,370.85	5,622.48	5,271.29	351.19	16.010		
18,300.00	7,258.97	7,281.97	7,281.97	318.95	252.49	90.50	163.59	-4,370.85	5,718.62	5,368.00	350.61	16.310		
18,400.00	7,259.21	7,282.21	7,282.21	321.79	252.50	90.51	163.59	-4,370.85	5,814.89	5,464.83	350.06	16.611		
18,500.00	7,259.46	7,282.46	7,282.46	324.63	252.51	90.52	163.59	-4,370.85	5,911.28	5,561.76	349.52	16.912		
18,600.00	7,259.71	7,282.71	7,282.71	327.48	252.52	90.53	163.59	-4,370.85	6,007.79	5,658.79	349.01	17.214		
18,700.00	7,259.96	7,282.96	7,282.96	330.32	252.52	90.54	163.59	-4,370.85	6,104.42	5,755.91	348.51	17.516		
18,800.00	7,260.21	7,283.21	7,283.21	333.16	252.53	90.55	163.59	-4,370.85	6,201.15	5,853.12	348.03	17.818		
18,900.00	7,260.46	7,283.46	7,283.46	336.00	252.54	90.56	163.59	-4,370.85	6,297.98	5,950.42	347.56	18.120		
19,000.00	7,260.71	7,283.71	7,283.71	338.85	252.55	90.57	163.59	-4,370.85	6,394.91	6,047.80	347.11	18.423		
19,100.00	7,260.95	7,283.95	7,283.95	341.69	252.56	90.58	163.59	-4,370.85	6,491.94	6,145.26	346.68	18.726		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>	Falken 9-11 PAD - ANDERSON/JANUARY #1(PR) - OH - OH											<b>Offset Site Error:</b>	0.00 ft
<b>Survey Program:</b>	100-2" Cone@2.448 Sigma											<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,118.22	7,261.00	7,284.00	7,284.00	342.21	252.56	90.58	163.59	-4,370.85	6,509.62	6,163.02	346.60	18.781	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-92.33	-364.49	-8,977.15	8,984.55					
100.00	100.00	132.00	132.00	3.28	4.35	-92.33	-364.49	-8,977.15	8,984.55	8,976.91	7.64	1,176.265		
200.00	200.00	232.00	232.00	3.34	7.15	-92.33	-364.49	-8,977.15	8,984.55	8,974.06	10.49	856.704		
300.00	300.00	332.00	332.00	3.44	10.38	-92.33	-364.49	-8,977.15	8,984.55	8,970.73	13.82	650.038		
400.00	399.98	431.98	431.98	3.60	13.73	131.27	-364.49	-8,977.15	8,985.70	8,968.37	17.33	518.536		
500.00	499.84	531.84	531.84	3.79	17.14	131.24	-364.49	-8,977.15	8,989.15	8,968.23	20.93	429.562		
600.00	599.45	631.45	631.45	4.03	20.56	131.19	-364.49	-8,977.15	8,994.91	8,970.33	24.58	365.879		
700.00	698.70	730.70	730.70	4.30	23.99	131.13	-364.49	-8,977.15	9,002.97	8,974.68	28.28	318.319		
800.00	797.47	829.47	829.47	4.60	27.41	131.05	-364.49	-8,977.15	9,013.32	8,981.31	32.01	281.597		
900.00	895.62	927.62	927.62	4.94	30.81	130.95	-364.49	-8,977.15	9,025.97	8,990.22	35.75	252.479		
1,000.00	993.06	1,025.06	1,025.06	5.32	34.20	130.82	-364.49	-8,977.15	9,040.91	9,001.41	39.50	228.885		
1,100.00	1,089.64	1,121.64	1,121.64	5.73	37.55	130.68	-364.49	-8,977.15	9,058.14	9,014.89	43.25	209.424		
1,131.50	1,119.87	1,151.87	1,151.87	5.87	38.61	130.63	-364.49	-8,977.15	9,064.04	9,019.61	44.44	203.979		
1,200.00	1,185.51	1,217.51	1,217.51	6.18	40.89	130.72	-364.49	-8,977.15	9,077.13	9,030.13	47.01	193.099		
1,300.00	1,281.33	1,313.33	1,313.33	6.65	44.22	130.86	-364.49	-8,977.15	9,096.28	9,045.51	50.78	179.138		
1,400.00	1,377.14	1,409.14	1,409.14	7.13	47.56	130.99	-364.49	-8,977.15	9,115.48	9,060.92	54.57	167.056		
1,500.00	1,472.96	1,504.96	1,504.96	7.63	50.90	131.12	-364.49	-8,977.15	9,134.73	9,076.37	58.37	156.507		
1,600.00	1,568.78	1,600.78	1,600.78	8.14	54.24	131.25	-364.49	-8,977.15	9,154.03	9,091.86	62.18	147.222		
1,700.00	1,664.60	1,703.40	1,696.60	8.66	57.81	131.38	-364.49	-8,977.15	9,173.38	9,107.14	66.24	138.493		
1,800.00	1,760.41	1,807.59	1,792.41	9.19	61.45	131.51	-364.49	-8,977.15	9,192.78	9,122.42	70.36	130.657		
1,900.00	1,856.23	1,888.23	1,888.23	9.73	64.26	131.64	-364.49	-8,977.15	9,212.22	9,138.56	73.66	125.057		
2,000.00	1,952.05	1,984.05	1,984.05	10.27	67.60	131.77	-364.49	-8,977.15	9,231.71	9,154.21	77.50	119.111		
2,100.00	2,047.86	2,079.86	2,079.86	10.81	70.94	131.90	-364.49	-8,977.15	9,251.25	9,169.90	81.35	113.722		
2,200.00	2,143.68	2,175.68	2,175.68	11.36	74.28	132.03	-364.49	-8,977.15	9,270.84	9,185.64	85.20	108.814		
2,300.00	2,239.50	2,271.50	2,271.50	11.92	77.62	132.16	-364.49	-8,977.15	9,290.47	9,201.42	89.05	104.327		
2,400.00	2,335.32	2,367.32	2,367.32	12.47	80.96	132.29	-364.49	-8,977.15	9,310.15	9,217.25	92.91	100.210		
2,500.00	2,431.13	2,463.13	2,463.13	13.03	84.31	132.42	-364.49	-8,977.15	9,329.88	9,233.12	96.76	96.420		
2,600.00	2,526.95	2,558.95	2,558.95	13.59	87.65	132.54	-364.49	-8,977.15	9,349.65	9,249.03	100.62	92.918		
2,700.00	2,622.77	2,654.77	2,654.77	14.15	90.99	132.67	-364.49	-8,977.15	9,369.47	9,264.99	104.48	89.674		
2,800.00	2,718.59	2,750.59	2,750.59	14.72	94.33	132.79	-364.49	-8,977.15	9,389.33	9,280.99	108.35	86.660		
2,900.00	2,814.40	2,846.40	2,846.40	15.29	97.68	132.92	-364.49	-8,977.15	9,409.24	9,297.03	112.21	83.853		
3,000.00	2,910.22	2,942.22	2,942.22	15.85	101.02	133.04	-364.49	-8,977.15	9,429.19	9,313.12	116.08	81.233		
3,100.00	3,006.04	3,038.04	3,038.04	16.42	104.36	133.17	-364.49	-8,977.15	9,449.19	9,329.25	119.94	78.782		
3,200.00	3,101.85	3,133.85	3,133.85	16.99	107.71	133.29	-364.49	-8,977.15	9,469.23	9,345.43	123.81	76.483		
3,300.00	3,197.67	3,229.67	3,229.67	17.56	111.05	133.41	-364.49	-8,977.15	9,489.32	9,361.64	127.68	74.323		
3,400.00	3,293.49	3,325.49	3,325.49	18.14	114.39	133.54	-364.49	-8,977.15	9,509.45	9,377.91	131.54	72.291		
3,500.00	3,389.31	3,421.31	3,421.31	18.71	117.74	133.66	-364.49	-8,977.15	9,529.62	9,394.21	135.41	70.374		
3,600.00	3,485.12	3,517.12	3,517.12	19.28	121.08	133.78	-364.49	-8,977.15	9,549.84	9,410.56	139.28	68.565		
3,700.00	3,580.94	3,612.94	3,612.94	19.86	124.43	133.90	-364.49	-8,977.15	9,570.10	9,426.95	143.15	66.853		
3,800.00	3,676.76	3,708.76	3,708.76	20.43	127.77	134.02	-364.49	-8,977.15	9,590.40	9,443.38	147.02	65.231		
3,900.00	3,772.58	3,804.58	3,804.58	21.01	131.11	134.14	-364.49	-8,977.15	9,610.75	9,459.85	150.89	63.693		
4,000.00	3,868.39	3,900.39	3,900.39	21.58	134.46	134.26	-364.49	-8,977.15	9,631.13	9,476.37	154.76	62.232		
4,100.00	3,964.21	4,003.79	3,996.21	22.16	138.07	134.38	-364.49	-8,977.15	9,651.56	9,492.66	158.90	60.741		
4,200.00	4,060.03	4,107.97	4,092.03	22.74	141.70	134.50	-364.49	-8,977.15	9,672.03	9,508.97	163.06	59.316		
4,300.00	4,155.85	4,187.85	4,187.85	23.32	144.49	134.62	-364.49	-8,977.15	9,692.54	9,526.17	166.38	58.257		
4,400.00	4,251.66	4,283.66	4,283.66	23.89	147.83	134.73	-364.49	-8,977.15	9,713.09	9,542.85	170.25	57.053		
4,500.00	4,347.48	4,379.48	4,379.48	24.47	151.18	134.85	-364.49	-8,977.15	9,733.69	9,559.57	174.12	55.903		
4,600.00	4,443.30	4,475.30	4,475.30	25.05	154.52	134.97	-364.49	-8,977.15	9,754.32	9,576.33	177.99	54.803		
4,700.00	4,539.11	4,571.11	4,571.11	25.63	157.87	135.08	-364.49	-8,977.15	9,774.99	9,593.13	181.86	53.750		
4,800.00	4,634.93	4,666.93	4,666.93	26.21	161.21	135.20	-364.49	-8,977.15	9,795.71	9,609.98	185.73	52.742		
4,900.00	4,730.75	4,762.75	4,762.75	26.79	164.56	135.32	-364.49	-8,977.15	9,816.46	9,626.86	189.60	51.774		
5,000.00	4,826.57	4,858.57	4,858.57	27.37	167.90	135.43	-364.49	-8,977.15	9,837.25	9,643.78	193.47	50.846		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,954.38	4,954.38	27.95	171.24	135.54	-364.49	-8,977.15	9,858.08	9,660.74	197.34	49.954		
5,200.00	5,018.20	5,050.20	5,050.20	28.53	174.59	135.66	-364.49	-8,977.15	9,878.95	9,677.74	201.21	49.097		
5,300.00	5,114.02	5,146.02	5,146.02	29.11	177.93	135.77	-364.49	-8,977.15	9,899.86	9,694.78	205.08	48.272		
5,400.00	5,209.84	5,241.84	5,241.84	29.69	181.28	135.89	-364.49	-8,977.15	9,920.81	9,711.86	208.95	47.478		
5,500.00	5,305.65	5,337.65	5,337.65	30.27	184.62	136.00	-364.49	-8,977.15	9,941.80	9,728.97	212.82	46.714		
5,600.00	5,401.47	5,433.47	5,433.47	30.86	187.97	136.11	-364.49	-8,977.15	9,962.82	9,746.13	216.69	45.976		
5,700.00	5,497.29	5,529.29	5,529.29	31.44	191.31	136.22	-364.49	-8,977.15	9,983.88	9,763.32	220.56	45.265		
7,450.00	7,108.16	7,140.16	7,140.16	39.98	247.54	24.08	-364.49	-8,977.15	9,975.45	9,691.77	283.67	35.165		
7,500.00	7,135.96	7,167.96	7,167.96	40.22	248.51	24.42	-364.49	-8,977.15	9,935.14	9,650.52	284.62	34.907		
7,550.00	7,160.53	7,207.47	7,192.53	40.49	249.89	25.26	-364.49	-8,977.15	9,892.68	9,606.72	285.97	34.594		
7,600.00	7,181.70	7,213.70	7,213.70	40.79	250.11	26.75	-364.49	-8,977.15	9,848.33	9,562.18	286.15	34.417		
7,650.00	7,199.35	7,231.35	7,231.35	41.13	250.72	29.20	-364.49	-8,977.15	9,802.36	9,515.62	286.73	34.186		
7,700.00	7,213.38	7,245.38	7,245.38	41.51	251.21	33.23	-364.49	-8,977.15	9,755.04	9,467.85	287.19	33.967		
7,750.00	7,223.68	7,255.68	7,255.68	41.93	251.57	40.24	-364.49	-8,977.15	9,706.68	9,419.15	287.53	33.759		
7,800.00	7,230.21	7,262.21	7,262.21	42.38	251.80	53.76	-364.49	-8,977.15	9,657.56	9,369.82	287.74	33.564		
7,850.00	7,232.92	7,264.92	7,264.92	42.87	251.89	81.80	-364.49	-8,977.15	9,607.99	9,320.17	287.82	33.382		
7,858.69	7,233.00	7,265.00	7,265.00	42.95	251.90	88.67	-364.49	-8,977.15	9,599.35	9,311.52	287.82	33.352		
7,900.00	7,233.10	7,265.10	7,265.10	43.38	251.90	88.68	-364.49	-8,977.15	9,558.28	9,270.45	287.82	33.209		
8,000.00	7,233.35	7,265.35	7,265.35	44.56	251.91	88.69	-364.49	-8,977.15	9,458.86	9,171.03	287.83	32.863		
8,100.00	7,233.60	7,265.60	7,265.60	45.91	251.92	88.70	-364.49	-8,977.15	9,359.45	9,071.62	287.83	32.517		
8,200.00	7,233.85	7,265.85	7,265.85	47.41	251.93	88.72	-364.49	-8,977.15	9,260.05	8,972.21	287.84	32.170		
8,300.00	7,234.10	7,266.10	7,266.10	49.05	251.94	88.73	-364.49	-8,977.15	9,160.67	8,872.81	287.86	31.823		
8,400.00	7,234.35	7,266.35	7,266.35	50.81	251.94	88.75	-364.49	-8,977.15	9,061.30	8,773.42	287.88	31.476		
8,500.00	7,234.59	7,266.59	7,266.59	52.68	251.95	88.76	-364.49	-8,977.15	8,961.95	8,674.04	287.91	31.128		
8,600.00	7,234.84	7,266.84	7,266.84	54.65	251.96	88.77	-364.49	-8,977.15	8,862.61	8,574.67	287.94	30.780		
8,700.00	7,235.09	7,267.09	7,267.09	56.70	251.97	88.79	-364.49	-8,977.15	8,763.29	8,475.31	287.97	30.431		
8,800.00	7,235.34	7,267.34	7,267.34	58.82	251.98	88.80	-364.49	-8,977.15	8,663.98	8,375.96	288.01	30.082		
8,900.00	7,235.59	7,267.59	7,267.59	61.01	251.99	88.81	-364.49	-8,977.15	8,564.68	8,276.62	288.06	29.732		
9,000.00	7,235.84	7,267.84	7,267.84	63.25	252.00	88.83	-364.49	-8,977.15	8,465.41	8,177.29	288.11	29.382		
9,100.00	7,236.09	7,268.09	7,268.09	65.55	252.01	88.84	-364.49	-8,977.15	8,366.15	8,077.97	288.18	29.031		
9,200.00	7,236.34	7,268.34	7,268.34	67.89	252.01	88.86	-364.49	-8,977.15	8,266.91	7,978.66	288.24	28.680		
9,300.00	7,236.58	7,268.58	7,268.58	70.27	252.02	88.87	-364.49	-8,977.15	8,167.68	7,879.37	288.32	28.329		
9,400.00	7,236.83	7,268.83	7,268.83	72.69	252.03	88.88	-364.49	-8,977.15	8,068.48	7,780.08	288.40	27.977		
9,500.00	7,237.08	7,269.08	7,269.08	75.14	252.04	88.90	-364.49	-8,977.15	7,969.30	7,680.80	288.49	27.624		
9,600.00	7,237.33	7,269.33	7,269.33	77.62	252.05	88.91	-364.49	-8,977.15	7,870.13	7,581.54	288.59	27.271		
9,700.00	7,237.58	7,269.58	7,269.58	80.12	252.06	88.93	-364.49	-8,977.15	7,770.99	7,482.29	288.70	26.917		
9,800.00	7,237.83	7,269.83	7,269.83	82.65	252.07	88.94	-364.49	-8,977.15	7,671.87	7,383.05	288.82	26.563		
9,900.00	7,238.08	7,270.08	7,270.08	85.20	252.07	88.95	-364.49	-8,977.15	7,572.78	7,283.83	288.95	26.208		
10,000.00	7,238.32	7,270.32	7,270.32	87.77	252.08	88.97	-364.49	-8,977.15	7,473.70	7,184.61	289.09	25.853		
10,100.00	7,238.57	7,270.57	7,270.57	90.36	252.09	88.98	-364.49	-8,977.15	7,374.66	7,085.42	289.24	25.497		
10,200.00	7,238.82	7,270.82	7,270.82	92.97	252.10	89.00	-364.49	-8,977.15	7,275.64	6,986.23	289.40	25.140		
10,300.00	7,239.07	7,271.07	7,271.07	95.59	252.11	89.01	-364.49	-8,977.15	7,176.64	6,887.06	289.58	24.783		
10,400.00	7,239.32	7,271.32	7,271.32	98.22	252.12	89.02	-364.49	-8,977.15	7,077.68	6,787.91	289.77	24.425		
10,500.00	7,239.57	7,271.57	7,271.57	100.87	252.13	89.04	-364.49	-8,977.15	6,978.74	6,688.77	289.97	24.067		
10,600.00	7,239.82	7,271.82	7,271.82	103.52	252.14	89.05	-364.49	-8,977.15	6,879.83	6,589.65	290.19	23.708		
10,700.00	7,240.07	7,272.07	7,272.07	106.19	252.14	89.07	-364.49	-8,977.15	6,780.96	6,490.54	290.42	23.349		
10,800.00	7,240.31	7,272.31	7,272.31	108.87	252.15	89.08	-364.49	-8,977.15	6,682.12	6,391.45	290.67	22.988		
10,900.00	7,240.56	7,272.56	7,272.56	111.56	252.16	89.09	-364.49	-8,977.15	6,583.32	6,292.38	290.94	22.628		
11,000.00	7,240.81	7,272.81	7,272.81	114.25	252.17	89.11	-364.49	-8,977.15	6,484.55	6,193.32	291.23	22.266		
11,100.00	7,241.06	7,273.06	7,273.06	116.96	252.18	89.12	-364.49	-8,977.15	6,385.82	6,094.29	291.53	21.904		
11,200.00	7,241.31	7,273.31	7,273.31	119.67	252.19	89.14	-364.49	-8,977.15	6,287.13	5,995.27	291.86	21.542		
11,300.00	7,241.56	7,273.56	7,273.56	122.39	252.20	89.15	-364.49	-8,977.15	6,188.48	5,896.27	292.21	21.178		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,241.81	7,273.81	7,273.81	125.11	252.20	89.16	-364.49	-8,977.15	6,089.88	5,797.30	292.58	20.814		
11,500.00	7,242.06	7,274.06	7,274.06	127.84	252.21	89.18	-364.49	-8,977.15	5,991.32	5,698.34	292.98	20.450		
11,600.00	7,242.30	7,274.30	7,274.30	130.58	252.22	89.19	-364.49	-8,977.15	5,892.81	5,599.41	293.40	20.085		
11,700.00	7,242.55	7,274.55	7,274.55	133.32	252.23	89.21	-364.49	-8,977.15	5,794.35	5,500.51	293.85	19.719		
11,800.00	7,242.80	7,274.80	7,274.80	136.07	252.24	89.22	-364.49	-8,977.15	5,695.95	5,401.62	294.33	19.352		
11,900.00	7,243.05	7,275.05	7,275.05	138.82	252.25	89.23	-364.49	-8,977.15	5,597.60	5,302.77	294.84	18.985		
12,000.00	7,243.30	7,275.30	7,275.30	141.58	252.26	89.25	-364.49	-8,977.15	5,499.32	5,203.94	295.38	18.618		
12,100.00	7,243.55	7,275.55	7,275.55	144.34	252.27	89.26	-364.49	-8,977.15	5,401.09	5,105.13	295.96	18.250		
12,200.00	7,243.80	7,275.80	7,275.80	147.10	252.27	89.27	-364.49	-8,977.15	5,302.93	5,006.36	296.57	17.881		
12,300.00	7,244.04	7,276.04	7,276.04	149.87	252.28	89.29	-364.49	-8,977.15	5,204.84	4,907.62	297.23	17.511		
12,400.00	7,244.29	7,276.29	7,276.29	152.64	252.29	89.30	-364.49	-8,977.15	5,106.83	4,808.91	297.92	17.142		
12,500.00	7,244.54	7,276.54	7,276.54	155.41	252.30	89.32	-364.49	-8,977.15	5,008.89	4,710.24	298.66	16.771		
12,600.00	7,244.79	7,276.79	7,276.79	158.19	252.31	89.33	-364.49	-8,977.15	4,911.04	4,611.60	299.44	16.400		
12,700.00	7,245.04	7,277.04	7,277.04	160.97	252.32	89.34	-364.49	-8,977.15	4,813.28	4,513.00	300.28	16.029		
12,800.00	7,245.29	7,277.29	7,277.29	163.75	252.33	89.36	-364.49	-8,977.15	4,715.61	4,414.44	301.17	15.658		
12,900.00	7,245.54	7,277.54	7,277.54	166.54	252.34	89.37	-364.49	-8,977.15	4,618.04	4,315.92	302.11	15.286		
13,000.00	7,245.79	7,277.79	7,277.79	169.33	252.34	89.39	-364.49	-8,977.15	4,520.57	4,217.46	303.12	14.914		
13,100.00	7,246.03	7,278.03	7,278.03	172.12	252.35	89.40	-364.49	-8,977.15	4,423.22	4,119.04	304.18	14.541		
13,200.00	7,246.28	7,278.28	7,278.28	174.91	252.36	89.41	-364.49	-8,977.15	4,325.99	4,020.67	305.32	14.169		
13,300.00	7,246.53	7,278.53	7,278.53	177.71	252.37	89.43	-364.49	-8,977.15	4,228.89	3,922.36	306.53	13.796		
13,400.00	7,246.78	7,278.78	7,278.78	180.50	252.38	89.44	-364.49	-8,977.15	4,131.93	3,824.11	307.81	13.424		
13,500.00	7,247.03	7,279.03	7,279.03	183.30	252.39	89.46	-364.49	-8,977.15	4,035.11	3,725.93	309.18	13.051		
13,600.00	7,247.28	7,279.28	7,279.28	186.10	252.40	89.47	-364.49	-8,977.15	3,938.45	3,627.82	310.63	12.679		
13,700.00	7,247.53	7,279.53	7,279.53	188.91	252.40	89.48	-364.49	-8,977.15	3,841.97	3,529.78	312.19	12.307		
13,800.00	7,247.77	7,279.77	7,279.77	191.71	252.41	89.50	-364.49	-8,977.15	3,745.67	3,431.83	313.84	11.935		
13,900.00	7,248.02	7,280.02	7,280.02	194.52	252.42	89.51	-364.49	-8,977.15	3,649.57	3,333.97	315.60	11.564		
14,000.00	7,248.27	7,280.27	7,280.27	197.32	252.43	89.53	-364.49	-8,977.15	3,553.68	3,236.20	317.48	11.193		
14,100.00	7,248.52	7,280.52	7,280.52	200.13	252.44	89.54	-364.49	-8,977.15	3,458.03	3,138.55	319.48	10.824		
14,200.00	7,248.77	7,280.77	7,280.77	202.94	252.45	89.55	-364.49	-8,977.15	3,362.63	3,041.00	321.62	10.455		
14,300.00	7,249.02	7,281.02	7,281.02	205.76	252.46	89.57	-364.49	-8,977.15	3,267.50	2,943.59	323.91	10.088		
14,400.00	7,249.27	7,281.27	7,281.27	208.57	252.47	89.58	-364.49	-8,977.15	3,172.68	2,846.32	326.36	9.722		
14,500.00	7,249.52	7,281.52	7,281.52	211.38	252.47	89.60	-364.49	-8,977.15	3,078.18	2,749.21	328.97	9.357		
14,600.00	7,249.76	7,281.76	7,281.76	214.20	252.48	89.61	-364.49	-8,977.15	2,984.04	2,652.27	331.78	8.994		
14,700.00	7,250.01	7,282.01	7,282.01	217.02	252.49	89.62	-364.49	-8,977.15	2,890.30	2,555.52	334.78	8.633		
14,800.00	7,250.26	7,282.26	7,282.26	219.84	252.50	89.64	-364.49	-8,977.15	2,796.98	2,458.98	338.00	8.275		
14,900.00	7,250.51	7,282.51	7,282.51	222.65	252.51	89.65	-364.49	-8,977.15	2,704.15	2,362.69	341.46	7.919		
15,000.00	7,250.76	7,282.76	7,282.76	225.48	252.52	89.67	-364.49	-8,977.15	2,611.84	2,266.66	345.18	7.567		
15,100.00	7,251.01	7,283.01	7,283.01	228.30	252.53	89.68	-364.49	-8,977.15	2,520.13	2,170.94	349.19	7.217		
15,200.00	7,251.26	7,283.26	7,283.26	231.12	252.53	89.69	-364.49	-8,977.15	2,429.06	2,075.56	353.50	6.872		
15,300.00	7,251.50	7,283.50	7,283.50	233.94	252.54	89.71	-364.49	-8,977.15	2,338.73	1,980.58	358.15	6.530		
15,400.00	7,251.75	7,283.75	7,283.75	236.77	252.55	89.72	-364.49	-8,977.15	2,249.21	1,886.05	363.16	6.193		
15,500.00	7,252.00	7,284.00	7,284.00	239.59	252.56	89.73	-364.49	-8,977.15	2,160.61	1,792.03	368.58	5.862		
15,600.00	7,252.25	7,284.25	7,284.25	242.42	252.57	89.75	-364.49	-8,977.15	2,073.06	1,698.62	374.44	5.536		
15,700.00	7,252.50	7,284.50	7,284.50	245.24	252.58	89.76	-364.49	-8,977.15	1,986.67	1,605.89	380.78	5.217		
15,800.00	7,252.75	7,284.75	7,284.75	248.07	252.59	89.78	-364.49	-8,977.15	1,901.62	1,513.99	387.64	4.906		
15,900.00	7,253.00	7,285.00	7,285.00	250.90	252.60	89.79	-364.49	-8,977.15	1,818.10	1,423.04	395.06	4.602		
16,000.00	7,253.25	7,285.25	7,285.25	253.73	252.60	89.80	-364.49	-8,977.15	1,736.31	1,333.23	403.08	4.308		
16,100.00	7,253.49	7,285.49	7,285.49	256.56	252.61	89.82	-364.49	-8,977.15	1,656.53	1,244.78	411.75	4.023		
16,200.00	7,253.74	7,285.74	7,285.74	259.39	252.62	89.83	-364.49	-8,977.15	1,579.05	1,157.96	421.09	3.750		
16,300.00	7,253.99	7,285.99	7,285.99	262.22	252.63	89.85	-364.49	-8,977.15	1,504.23	1,073.10	431.13	3.489		
16,400.00	7,254.24	7,286.24	7,286.24	265.05	252.64	89.86	-364.49	-8,977.15	1,432.48	990.63	441.85	3.242		
16,500.00	7,254.49	7,286.49	7,286.49	267.88	252.65	89.87	-364.49	-8,977.15	1,364.30	911.07	453.23	3.010		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
16,600.00	7,254.74	7,286.74	7,286.74	270.72	252.66	89.89	-364.49	-8,977.15	1,300.24	835.06	465.18	2.795		
16,700.00	7,254.99	7,286.99	7,286.99	273.55	252.66	89.90	-364.49	-8,977.15	1,240.93	763.39	477.55	2.599		
16,800.00	7,255.24	7,287.24	7,287.24	276.38	252.67	89.92	-364.49	-8,977.15	1,187.11	696.99	490.11	2.422		
16,900.00	7,255.48	7,287.48	7,287.48	279.22	252.68	89.93	-364.49	-8,977.15	1,139.53	636.98	502.55	2.268		
17,000.00	7,255.73	7,287.73	7,287.73	282.05	252.69	89.94	-364.49	-8,977.15	1,099.01	584.59	514.42	2.136		
17,100.00	7,255.98	7,287.98	7,287.98	284.89	252.70	89.96	-364.49	-8,977.15	1,066.36	541.12	525.24	2.030		
17,200.00	7,256.23	7,288.23	7,288.23	287.73	252.71	89.97	-364.49	-8,977.15	1,042.32	507.87	534.45	1.950		
17,300.00	7,256.48	7,288.48	7,288.48	290.56	252.72	89.99	-364.49	-8,977.15	1,027.49	485.96	541.54	1.897		
17,400.00	7,256.73	7,288.73	7,288.73	293.40	252.73	90.00	-364.49	-8,977.15	1,022.27	476.17	546.10	1.872		
17,403.48	7,256.74	7,288.74	7,288.74	293.50	252.73	90.00	-364.49	-8,977.15	1,022.27	476.06	546.21	1.872 CC, ES, SF		
17,500.00	7,256.98	7,288.98	7,288.98	296.24	252.73	90.01	-364.49	-8,977.15	1,026.81	478.88	547.93	1.874		
17,600.00	7,257.22	7,289.22	7,289.22	299.07	252.74	90.03	-364.49	-8,977.15	1,040.99	493.93	547.05	1.903		
17,700.00	7,257.47	7,289.47	7,289.47	301.91	252.75	90.04	-364.49	-8,977.15	1,064.40	520.71	543.69	1.958		
17,800.00	7,257.72	7,289.72	7,289.72	304.75	252.76	90.06	-364.49	-8,977.15	1,096.48	558.22	538.26	2.037		
17,900.00	7,257.97	7,289.97	7,289.97	307.59	252.77	90.07	-364.49	-8,977.15	1,136.47	605.25	531.22	2.139		
18,000.00	7,258.22	7,309.78	7,290.22	310.43	253.46	90.08	-364.49	-8,977.15	1,183.58	659.83	523.75	2.260		
18,100.00	7,258.47	7,309.53	7,290.47	313.27	253.45	90.10	-364.49	-8,977.15	1,237.00	722.09	514.91	2.402		
18,200.00	7,258.72	7,309.28	7,290.72	316.11	253.44	90.11	-364.49	-8,977.15	1,295.94	790.19	505.75	2.562		
18,300.00	7,258.97	7,309.03	7,290.97	318.95	253.43	90.12	-364.49	-8,977.15	1,359.70	863.13	496.57	2.738		
18,400.00	7,259.21	7,308.79	7,291.21	321.79	253.43	90.14	-364.49	-8,977.15	1,427.61	940.06	487.55	2.928		
18,500.00	7,259.46	7,308.54	7,291.46	324.63	253.42	90.15	-364.49	-8,977.15	1,499.12	1,020.29	478.84	3.131		
18,600.00	7,259.71	7,308.29	7,291.71	327.48	253.41	90.17	-364.49	-8,977.15	1,573.75	1,103.23	470.52	3.345		
18,700.00	7,259.96	7,308.04	7,291.96	330.32	253.40	90.18	-364.49	-8,977.15	1,651.05	1,188.42	462.63	3.569		
18,800.00	7,260.21	7,307.79	7,292.21	333.16	253.39	90.19	-364.49	-8,977.15	1,730.69	1,275.48	455.21	3.802		
18,900.00	7,260.46	7,307.54	7,292.46	336.00	253.38	90.21	-364.49	-8,977.15	1,812.34	1,364.10	448.24	4.043		
19,000.00	7,260.71	7,307.29	7,292.71	338.85	253.37	90.22	-364.49	-8,977.15	1,895.75	1,454.03	441.73	4.292		
19,100.00	7,260.95	7,307.05	7,292.95	341.69	253.37	90.24	-364.49	-8,977.15	1,980.70	1,545.07	435.64	4.547		
19,118.22	7,261.00	7,307.00	7,293.00	342.21	253.36	90.24	-364.49	-8,977.15	1,996.33	1,561.76	434.57	4.594		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-96.76	-1,150.40	-9,701.36	9,769.33					
100.00	100.00	113.00	113.00	3.28	3.95	-96.76	-1,150.40	-9,701.36	9,769.33	9,762.10	7.23	1,350.511		
200.00	200.00	213.00	213.00	3.34	6.57	-96.76	-1,150.40	-9,701.36	9,769.33	9,759.43	9.91	986.302		
300.00	300.00	313.00	313.00	3.44	9.75	-96.76	-1,150.40	-9,701.36	9,769.33	9,756.14	13.19	740.407		
400.00	399.98	412.98	412.98	3.60	13.09	126.83	-1,150.40	-9,701.36	9,770.38	9,753.69	16.69	585.550		
500.00	499.84	512.84	512.84	3.79	16.49	126.80	-1,150.40	-9,701.36	9,773.52	9,753.24	20.28	482.034		
600.00	599.45	612.45	612.45	4.03	19.91	126.76	-1,150.40	-9,701.36	9,778.75	9,754.82	23.93	408.647		
700.00	698.70	711.70	711.70	4.30	23.33	126.70	-1,150.40	-9,701.36	9,786.07	9,758.45	27.63	354.238		
800.00	797.47	810.47	810.47	4.60	26.75	126.62	-1,150.40	-9,701.36	9,795.49	9,764.14	31.35	312.458		
900.00	895.62	908.62	908.62	4.94	30.15	126.52	-1,150.40	-9,701.36	9,806.99	9,771.90	35.09	279.469		
1,000.00	993.06	1,006.06	1,006.06	5.32	33.54	126.41	-1,150.40	-9,701.36	9,820.59	9,781.74	38.84	252.826		
1,100.00	1,089.64	1,102.64	1,102.64	5.73	36.89	126.27	-1,150.40	-9,701.36	9,836.27	9,793.67	42.60	230.904		
1,131.50	1,119.87	1,132.87	1,132.87	5.87	37.95	126.22	-1,150.40	-9,701.36	9,841.64	9,797.86	43.78	224.781		
1,200.00	1,185.51	1,201.49	1,198.51	6.18	40.33	126.31	-1,150.40	-9,701.36	9,853.56	9,807.10	46.46	212.078		
1,300.00	1,281.33	1,305.67	1,294.33	6.65	43.96	126.44	-1,150.40	-9,701.36	9,871.00	9,820.47	50.53	195.351		
1,400.00	1,377.14	1,409.86	1,390.14	7.13	47.59	126.57	-1,150.40	-9,701.36	9,888.50	9,833.88	54.61	181.060		
1,500.00	1,472.96	1,485.96	1,485.96	7.63	50.24	126.70	-1,150.40	-9,701.36	9,906.04	9,848.31	57.74	171.576		
1,600.00	1,568.78	1,581.78	1,581.78	8.14	53.57	126.83	-1,150.40	-9,701.36	9,923.64	9,862.09	61.55	161.217		
1,700.00	1,664.60	1,677.60	1,677.60	8.66	56.91	126.96	-1,150.40	-9,701.36	9,941.29	9,875.91	65.38	152.047		
1,800.00	1,760.41	1,773.41	1,773.41	9.19	60.25	127.09	-1,150.40	-9,701.36	9,958.99	9,889.77	69.22	143.877		
1,900.00	1,856.23	1,869.23	1,869.23	9.73	63.59	127.21	-1,150.40	-9,701.36	9,976.74	9,903.68	73.06	136.553		
2,000.00	1,952.05	1,965.05	1,965.05	10.27	66.93	127.34	-1,150.40	-9,701.36	9,994.54	9,917.63	76.91	129.952		
8,200.00	7,233.85	7,246.85	7,246.85	47.41	251.26	84.00	-1,150.40	-9,701.36	9,928.78	9,641.08	287.70	34.511		
8,300.00	7,234.10	7,247.10	7,247.10	49.05	251.27	84.06	-1,150.40	-9,701.36	9,928.81	9,541.10	287.71	34.162		
8,400.00	7,234.35	7,247.35	7,247.35	50.81	251.28	84.12	-1,150.40	-9,701.36	9,928.83	9,441.12	287.72	33.814		
8,500.00	7,234.59	7,247.59	7,247.59	52.68	251.29	84.18	-1,150.40	-9,701.36	9,928.86	9,341.14	287.72	33.466		
8,600.00	7,234.84	7,247.84	7,247.84	54.65	251.30	84.24	-1,150.40	-9,701.36	9,928.89	9,241.16	287.73	33.117		
8,700.00	7,235.09	7,248.09	7,248.09	56.70	251.31	84.30	-1,150.40	-9,701.36	9,928.93	9,141.18	287.74	32.768		
8,800.00	7,235.34	7,248.34	7,248.34	58.82	251.32	84.36	-1,150.40	-9,701.36	9,928.96	9,041.20	287.76	32.420		
8,900.00	7,235.59	7,248.59	7,248.59	61.01	251.32	84.42	-1,150.40	-9,701.36	9,928.99	8,941.22	287.77	32.071		
9,000.00	7,235.84	7,248.84	7,248.84	63.25	251.33	84.48	-1,150.40	-9,701.36	9,929.02	8,841.24	287.78	31.722		
9,100.00	7,236.09	7,249.09	7,249.09	65.55	251.34	84.54	-1,150.40	-9,701.36	9,929.06	8,741.26	287.80	31.373		
9,200.00	7,236.34	7,249.34	7,249.34	67.89	251.35	84.60	-1,150.40	-9,701.36	9,929.09	8,641.28	287.82	31.024		
9,300.00	7,236.58	7,249.58	7,249.58	70.27	251.36	84.66	-1,150.40	-9,701.36	9,929.13	8,541.29	287.83	30.674		
9,400.00	7,236.83	7,249.83	7,249.83	72.69	251.37	84.72	-1,150.40	-9,701.36	9,929.16	8,441.31	287.85	30.325		
9,500.00	7,237.08	7,250.08	7,250.08	75.14	251.38	84.78	-1,150.40	-9,701.36	9,929.20	8,341.33	287.87	29.976		
9,600.00	7,237.33	7,250.33	7,250.33	77.62	251.39	84.84	-1,150.40	-9,701.36	9,929.24	8,241.34	287.89	29.626		
9,700.00	7,237.58	7,250.58	7,250.58	80.12	251.39	84.90	-1,150.40	-9,701.36	9,929.28	8,141.36	287.92	29.277		
9,800.00	7,237.83	7,250.83	7,250.83	82.65	251.40	84.96	-1,150.40	-9,701.36	9,929.32	8,041.38	287.94	28.927		
9,900.00	7,238.08	7,251.08	7,251.08	85.20	251.41	85.02	-1,150.40	-9,701.36	9,929.36	7,941.39	287.97	28.578		
10,000.00	7,238.32	7,251.32	7,251.32	87.77	251.42	85.08	-1,150.40	-9,701.36	9,929.40	7,841.41	287.99	28.228		
10,100.00	7,238.57	7,251.57	7,251.57	90.36	251.43	85.14	-1,150.40	-9,701.36	9,929.44	7,741.42	288.02	27.878		
10,200.00	7,238.82	7,251.82	7,251.82	92.97	251.44	85.20	-1,150.40	-9,701.36	9,929.48	7,641.44	288.05	27.528		
10,300.00	7,239.07	7,252.07	7,252.07	95.59	251.45	85.26	-1,150.40	-9,701.36	9,929.53	7,541.45	288.08	27.178		
10,400.00	7,239.32	7,252.32	7,252.32	98.22	251.45	85.32	-1,150.40	-9,701.36	9,929.57	7,441.46	288.11	26.829		
10,500.00	7,239.57	7,252.57	7,252.57	100.87	251.46	85.38	-1,150.40	-9,701.36	9,929.62	7,341.48	288.14	26.479		
10,600.00	7,239.82	7,252.82	7,252.82	103.52	251.47	85.44	-1,150.40	-9,701.36	9,929.67	7,241.49	288.18	26.129		
10,700.00	7,240.07	7,253.07	7,253.07	106.19	251.48	85.50	-1,150.40	-9,701.36	9,929.72	7,141.51	288.21	25.779		
10,800.00	7,240.31	7,253.31	7,253.31	108.87	251.49	85.56	-1,150.40	-9,701.36	9,929.77	7,041.52	288.25	25.428		
10,900.00	7,240.56	7,253.56	7,253.56	111.56	251.50	85.62	-1,150.40	-9,701.36	9,929.82	6,941.53	288.29	25.078		
11,000.00	7,240.81	7,253.81	7,253.81	114.25	251.51	85.68	-1,150.40	-9,701.36	9,929.88	6,841.55	288.33	24.728		
11,100.00	7,241.06	7,254.06	7,254.06	116.96	251.52	85.74	-1,150.40	-9,701.36	9,929.93	6,741.56	288.37	24.378		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
11,200.00	7,241.31	7,254.31	7,254.31	119.67	251.52	85.81	-1,150.40	-9,701.36	6,929.99	6,641.57	288.42	24.028		
11,300.00	7,241.56	7,254.56	7,254.56	122.39	251.53	85.87	-1,150.40	-9,701.36	6,830.05	6,541.58	288.46	23.677		
11,400.00	7,241.81	7,254.81	7,254.81	125.11	251.54	85.93	-1,150.40	-9,701.36	6,730.11	6,441.60	288.51	23.327		
11,500.00	7,242.06	7,255.06	7,255.06	127.84	251.55	85.99	-1,150.40	-9,701.36	6,630.17	6,341.61	288.56	22.977		
11,600.00	7,242.30	7,255.30	7,255.30	130.58	251.56	86.05	-1,150.40	-9,701.36	6,530.23	6,241.62	288.61	22.626		
11,700.00	7,242.55	7,255.55	7,255.55	133.32	251.57	86.11	-1,150.40	-9,701.36	6,430.30	6,141.64	288.66	22.276		
11,800.00	7,242.80	7,255.80	7,255.80	136.07	251.58	86.17	-1,150.40	-9,701.36	6,330.37	6,041.65	288.72	21.926		
11,900.00	7,243.05	7,256.05	7,256.05	138.82	251.59	86.23	-1,150.40	-9,701.36	6,230.44	5,941.66	288.78	21.575		
12,000.00	7,243.30	7,256.30	7,256.30	141.58	251.59	86.29	-1,150.40	-9,701.36	6,130.51	5,841.67	288.84	21.225		
12,100.00	7,243.55	7,256.55	7,256.55	144.34	251.60	86.35	-1,150.40	-9,701.36	6,030.59	5,741.69	288.90	20.874		
12,200.00	7,243.80	7,256.80	7,256.80	147.10	251.61	86.41	-1,150.40	-9,701.36	5,930.66	5,641.70	288.96	20.524		
12,300.00	7,244.04	7,257.04	7,257.04	149.87	251.62	86.47	-1,150.40	-9,701.36	5,830.74	5,541.71	289.03	20.174		
12,400.00	7,244.29	7,257.29	7,257.29	152.64	251.63	86.53	-1,150.40	-9,701.36	5,730.83	5,441.73	289.10	19.823		
12,500.00	7,244.54	7,257.54	7,257.54	155.41	251.64	86.59	-1,150.40	-9,701.36	5,630.91	5,341.74	289.17	19.473		
12,600.00	7,244.79	7,257.79	7,257.79	158.19	251.65	86.65	-1,150.40	-9,701.36	5,531.00	5,241.75	289.25	19.122		
12,700.00	7,245.04	7,258.04	7,258.04	160.97	251.65	86.71	-1,150.40	-9,701.36	5,431.09	5,141.76	289.33	18.771		
12,800.00	7,245.29	7,258.29	7,258.29	163.75	251.66	86.77	-1,150.40	-9,701.36	5,331.19	5,041.78	289.41	18.421		
12,900.00	7,245.54	7,258.54	7,258.54	166.54	251.67	86.83	-1,150.40	-9,701.36	5,231.29	4,941.79	289.50	18.070		
13,000.00	7,245.79	7,258.79	7,258.79	169.33	251.68	86.89	-1,150.40	-9,701.36	5,131.39	4,841.80	289.59	17.720		
13,100.00	7,246.03	7,259.03	7,259.03	172.12	251.69	86.95	-1,150.40	-9,701.36	5,031.50	4,741.82	289.68	17.369		
13,200.00	7,246.28	7,259.28	7,259.28	174.91	251.70	87.01	-1,150.40	-9,701.36	4,931.61	4,641.83	289.78	17.018		
13,300.00	7,246.53	7,259.53	7,259.53	177.71	251.71	87.07	-1,150.40	-9,701.36	4,831.72	4,541.84	289.88	16.668		
13,400.00	7,246.78	7,259.78	7,259.78	180.50	251.72	87.13	-1,150.40	-9,701.36	4,731.85	4,441.85	289.99	16.317		
13,500.00	7,247.03	7,260.03	7,260.03	183.30	251.72	87.20	-1,150.40	-9,701.36	4,631.97	4,341.87	290.11	15.966		
13,600.00	7,247.28	7,260.28	7,260.28	186.10	251.73	87.26	-1,150.40	-9,701.36	4,532.10	4,241.88	290.23	15.616		
13,700.00	7,247.53	7,260.53	7,260.53	188.91	251.74	87.32	-1,150.40	-9,701.36	4,432.24	4,141.89	290.35	15.265		
13,800.00	7,247.77	7,260.77	7,260.77	191.71	251.75	87.38	-1,150.40	-9,701.36	4,332.39	4,041.90	290.49	14.914		
13,900.00	7,248.02	7,261.02	7,261.02	194.52	251.76	87.44	-1,150.40	-9,701.36	4,232.54	3,941.90	290.63	14.563		
14,000.00	7,248.27	7,261.27	7,261.27	197.32	251.77	87.50	-1,150.40	-9,701.36	4,132.69	3,841.91	290.78	14.212		
14,100.00	7,248.52	7,261.52	7,261.52	200.13	251.78	87.56	-1,150.40	-9,701.36	4,032.86	3,741.92	290.94	13.861		
14,200.00	7,248.77	7,261.77	7,261.77	202.94	251.78	87.62	-1,150.40	-9,701.36	3,933.03	3,641.92	291.11	13.510		
14,300.00	7,249.02	7,262.02	7,262.02	205.76	251.79	87.68	-1,150.40	-9,701.36	3,833.22	3,541.92	291.30	13.159		
14,400.00	7,249.27	7,262.27	7,262.27	208.57	251.80	87.74	-1,150.40	-9,701.36	3,733.41	3,441.92	291.49	12.808		
14,500.00	7,249.52	7,262.52	7,262.52	211.38	251.81	87.80	-1,150.40	-9,701.36	3,633.61	3,341.91	291.70	12.457		
14,600.00	7,249.76	7,262.76	7,262.76	214.20	251.82	87.86	-1,150.40	-9,701.36	3,533.83	3,241.90	291.93	12.105		
14,700.00	7,250.01	7,263.01	7,263.01	217.02	251.83	87.92	-1,150.40	-9,701.36	3,434.06	3,141.89	292.17	11.754		
14,800.00	7,250.26	7,263.26	7,263.26	219.84	251.84	87.98	-1,150.40	-9,701.36	3,334.30	3,041.87	292.43	11.402		
14,900.00	7,250.51	7,263.51	7,263.51	222.65	251.85	88.04	-1,150.40	-9,701.36	3,234.56	2,941.84	292.71	11.050		
15,000.00	7,250.76	7,263.76	7,263.76	225.48	251.85	88.10	-1,150.40	-9,701.36	3,134.83	2,841.81	293.02	10.698		
15,100.00	7,251.01	7,264.01	7,264.01	228.30	251.86	88.16	-1,150.40	-9,701.36	3,035.12	2,741.76	293.36	10.346		
15,200.00	7,251.26	7,264.26	7,264.26	231.12	251.87	88.23	-1,150.40	-9,701.36	2,935.43	2,641.70	293.73	9.994		
15,300.00	7,251.50	7,264.50	7,264.50	233.94	251.88	88.29	-1,150.40	-9,701.36	2,835.76	2,541.63	294.13	9.641		
15,400.00	7,251.75	7,264.75	7,264.75	236.77	251.89	88.35	-1,150.40	-9,701.36	2,736.12	2,441.54	294.58	9.288		
15,500.00	7,252.00	7,265.00	7,265.00	239.59	251.90	88.41	-1,150.40	-9,701.36	2,636.50	2,341.43	295.07	8.935		
15,600.00	7,252.25	7,265.25	7,265.25	242.42	251.91	88.47	-1,150.40	-9,701.36	2,536.91	2,241.30	295.62	8.582		
15,700.00	7,252.50	7,265.50	7,265.50	245.24	251.91	88.53	-1,150.40	-9,701.36	2,437.36	2,141.14	296.22	8.228		
15,800.00	7,252.75	7,265.75	7,265.75	248.07	251.92	88.59	-1,150.40	-9,701.36	2,337.85	2,040.94	296.91	7.874		
15,900.00	7,253.00	7,266.00	7,266.00	250.90	251.93	88.65	-1,150.40	-9,701.36	2,238.38	1,940.70	297.67	7.520		
16,000.00	7,253.25	7,266.25	7,266.25	253.73	251.94	88.71	-1,150.40	-9,701.36	2,138.95	1,840.42	298.53	7.165		
16,100.00	7,253.49	7,266.49	7,266.49	256.56	251.95	88.77	-1,150.40	-9,701.36	2,039.59	1,740.07	299.52	6.810		
16,200.00	7,253.74	7,266.74	7,266.74	259.39	251.96	88.83	-1,150.40	-9,701.36	1,940.29	1,639.65	300.63	6.454		
16,300.00	7,253.99	7,266.99	7,266.99	262.22	251.97	88.89	-1,150.40	-9,701.36	1,841.06	1,539.15	301.91	6.098		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - BLACK GOLD PETROLEUM #1(PR) - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
16,400.00	7,254.24	7,267.24	7,267.24	265.05	251.98	88.95	-1,150.40	-9,701.36	1,741.93	1,438.53	303.39	5.741					
16,500.00	7,254.49	7,267.49	7,267.49	267.88	251.98	89.01	-1,150.40	-9,701.36	1,642.89	1,337.79	305.11	5.385					
16,600.00	7,254.74	7,267.74	7,267.74	270.72	251.99	89.07	-1,150.40	-9,701.36	1,543.99	1,236.88	307.11	5.028					
16,700.00	7,254.99	7,267.99	7,267.99	273.55	252.00	89.13	-1,150.40	-9,701.36	1,445.23	1,135.77	309.46	4.670					
16,800.00	7,255.24	7,268.24	7,268.24	276.38	252.01	89.20	-1,150.40	-9,701.36	1,346.66	1,034.41	312.25	4.313					
16,900.00	7,255.48	7,268.48	7,268.48	279.22	252.02	89.26	-1,150.40	-9,701.36	1,248.31	932.73	315.59	3.956					
17,000.00	7,255.73	7,268.73	7,268.73	282.05	252.03	89.32	-1,150.40	-9,701.36	1,150.25	830.64	319.61	3.599					
17,100.00	7,255.98	7,268.98	7,268.98	284.89	252.04	89.38	-1,150.40	-9,701.36	1,052.56	728.04	324.52	3.243					
17,200.00	7,256.23	7,269.23	7,269.23	287.73	252.05	89.44	-1,150.40	-9,701.36	955.34	624.75	330.59	2.890					
17,300.00	7,256.48	7,269.48	7,269.48	290.56	252.05	89.50	-1,150.40	-9,701.36	858.76	520.57	338.19	2.539					
17,400.00	7,256.73	7,269.73	7,269.73	293.40	252.06	89.56	-1,150.40	-9,701.36	763.06	415.18	347.88	2.193					
17,500.00	7,256.98	7,269.98	7,269.98	296.24	252.07	89.62	-1,150.40	-9,701.36	668.62	308.16	360.46	1.855					
17,600.00	7,257.22	7,270.22	7,270.22	299.07	252.08	89.68	-1,150.40	-9,701.36	576.07	198.90	377.16	1.527					
17,700.00	7,257.47	7,270.47	7,270.47	301.91	252.09	89.74	-1,150.40	-9,701.36	486.46	86.63	399.83	1.217	Level 2				
17,800.00	7,257.72	7,270.72	7,270.72	304.75	252.10	89.80	-1,150.40	-9,701.36	401.80	-29.30	431.10	0.932	Level 1				
17,900.00	7,257.97	7,270.97	7,270.97	307.59	252.11	89.86	-1,150.40	-9,701.36	325.94	-147.71	473.65	0.688	Level 1				
18,000.00	7,258.22	7,271.22	7,271.22	310.43	252.11	89.92	-1,150.40	-9,701.36	266.52	-258.52	525.03	0.508	Level 1				
18,100.00	7,258.47	7,271.47	7,271.47	313.27	252.12	89.98	-1,150.40	-9,701.36	236.27	-326.93	563.21	0.420	Level 1				
18,126.03	7,258.53	7,271.53	7,271.53	314.01	252.13	90.00	-1,150.40	-9,701.36	234.83	-331.29	566.12	0.415	Level 1, CC, ES, SF				
18,200.00	7,258.72	7,271.72	7,271.72	316.11	252.13	90.04	-1,150.40	-9,701.36	246.21	-308.50	554.70	0.444	Level 1				
18,300.00	7,258.97	7,271.97	7,271.97	318.95	252.14	90.11	-1,150.40	-9,701.36	292.25	-218.97	511.22	0.572	Level 1				
18,400.00	7,259.21	7,272.21	7,272.21	321.79	252.15	90.17	-1,150.40	-9,701.36	360.84	-105.13	465.97	0.774	Level 1				
18,500.00	7,259.46	7,272.46	7,272.46	324.63	252.16	90.23	-1,150.40	-9,701.36	441.59	10.97	430.61	1.025	Level 2				
18,600.00	7,259.71	7,272.71	7,272.71	327.48	252.17	90.29	-1,150.40	-9,701.36	528.96	124.32	404.64	1.307	Level 3				
18,700.00	7,259.96	7,272.96	7,272.96	330.32	252.18	90.35	-1,150.40	-9,701.36	620.15	234.64	385.51	1.609					
18,800.00	7,260.21	7,273.21	7,273.21	333.16	252.18	90.41	-1,150.40	-9,701.36	713.71	342.57	371.14	1.923					
18,900.00	7,260.46	7,273.46	7,273.46	336.00	252.19	90.47	-1,150.40	-9,701.36	808.81	448.70	360.11	2.246					
19,000.00	7,260.71	7,273.71	7,273.71	338.85	252.20	90.53	-1,150.40	-9,701.36	904.97	553.51	351.46	2.575					
19,100.00	7,260.95	7,273.95	7,273.95	341.69	252.21	90.59	-1,150.40	-9,701.36	1,001.88	657.33	344.55	2.908					
19,118.22	7,261.00	7,274.00	7,274.00	342.21	252.21	90.60	-1,150.40	-9,701.36	1,019.60	676.16	343.44	2.969					

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	23.86	23.86	3.28	3.28	-89.02	165.13	-9,700.85	9,702.25					
100.00	100.00	115.54	115.54	3.28	3.29	-89.02	165.31	-9,700.90	9,702.32	9,695.74	6.58	1,475.260		
200.00	200.00	206.75	206.75	3.34	3.35	-89.02	165.69	-9,701.04	9,702.47	9,695.79	6.69	1,451.372		
300.00	300.00	298.66	298.66	3.44	3.45	-89.02	166.08	-9,701.25	9,702.71	9,695.82	6.89	1,407.539		
400.00	399.98	418.40	418.39	3.60	3.64	134.57	166.32	-9,701.45	9,704.11	9,696.87	7.24	1,341.105		
500.00	499.84	521.92	521.92	3.79	3.85	134.54	166.23	-9,701.50	9,707.83	9,700.19	7.64	1,270.591		
600.00	599.45	617.13	617.13	4.03	4.08	134.49	166.11	-9,701.58	9,714.03	9,705.93	8.10	1,198.871		
700.00	698.70	738.61	738.61	4.30	4.41	134.43	166.19	-9,701.55	9,722.58	9,713.87	8.70	1,117.277		
800.00	797.47	851.60	851.60	4.60	4.74	134.35	166.17	-9,701.28	9,733.34	9,724.00	9.34	1,041.849		
900.00	895.62	932.21	932.21	4.94	5.00	134.22	165.95	-9,701.07	9,746.54	9,736.61	9.93	981.277		
1,000.00	993.06	1,000.00	1,000.00	5.32	5.22	134.05	165.74	-9,701.14	9,762.49	9,751.97	10.52	928.067		
1,100.00	1,089.64	1,100.00	1,103.25	5.73	5.56	133.89	165.33	-9,701.28	9,780.91	9,769.66	11.25	869.352		
1,131.50	1,119.87	1,129.59	1,129.58	5.87	5.66	133.83	165.19	-9,701.30	9,787.19	9,775.71	11.48	852.204		
1,200.00	1,185.51	1,168.81	1,168.80	6.18	5.80	133.88	164.97	-9,701.43	9,801.28	9,789.37	11.91	823.185		
1,300.00	1,281.33	1,269.97	1,269.96	6.65	6.16	134.00	164.33	-9,701.97	9,822.10	9,809.40	12.70	773.460		
1,400.00	1,377.14	1,358.40	1,358.38	7.13	6.48	134.10	163.77	-9,702.30	9,842.79	9,829.32	13.47	730.846		
1,500.00	1,472.96	1,433.51	1,433.50	7.63	6.76	134.19	163.44	-9,702.74	9,863.72	9,849.52	14.20	694.450		
1,600.00	1,568.78	1,514.35	1,514.34	8.14	7.07	134.29	163.00	-9,703.36	9,884.87	9,869.90	14.98	660.087		
1,700.00	1,664.60	1,607.43	1,607.41	8.66	7.42	134.40	162.56	-9,704.15	9,906.14	9,890.33	15.81	626.719		
1,800.00	1,760.41	1,709.93	1,709.91	9.19	7.82	134.52	162.23	-9,704.98	9,927.42	9,910.73	16.69	594.944		
1,900.00	1,856.23	1,810.09	1,810.06	9.73	8.21	134.64	162.10	-9,705.74	9,948.69	9,931.12	17.57	566.323		
2,000.00	1,952.05	1,872.49	1,872.45	10.27	8.46	134.72	162.12	-9,706.32	9,970.15	9,951.84	18.30	544.736		
2,100.00	2,047.86	1,942.19	1,942.15	10.81	8.73	134.80	162.24	-9,707.15	9,991.92	9,972.85	19.07	523.883		
8,300.00	7,234.10	7,209.51	7,209.15	49.05	30.82	87.26	189.73	-9,740.10	9,992.59	9,926.07	66.52	150.212		
8,400.00	7,234.35	7,210.19	7,209.82	50.81	30.82	87.28	189.74	-9,740.10	9,993.85	9,927.29	66.56	148.642		
8,500.00	7,234.59	7,210.87	7,210.50	52.68	30.82	87.30	189.74	-9,740.11	9,995.15	9,928.54	66.61	147.054		
8,600.00	7,234.84	7,211.54	7,211.18	54.65	30.83	87.33	189.75	-9,740.11	9,996.46	9,929.80	66.67	145.448		
8,700.00	7,235.09	7,212.22	7,211.85	56.70	30.83	87.35	189.75	-9,740.11	9,997.81	9,931.07	66.73	143.824		
8,800.00	7,235.34	7,212.90	7,212.53	58.82	30.83	87.38	189.75	-9,740.11	9,999.18	9,932.37	66.81	142.181		
8,900.00	7,235.59	7,213.58	7,213.21	61.01	30.84	87.40	189.76	-9,740.12	9,999.58	9,933.68	66.90	140.520		
9,000.00	7,235.84	7,214.25	7,213.88	63.25	30.84	87.43	189.76	-9,740.12	9,999.98	9,935.02	67.00	138.841		
9,100.00	7,236.09	7,214.93	7,214.56	65.55	30.84	87.45	189.76	-9,740.12	9,999.48	9,936.37	67.11	137.142		
9,200.00	7,236.34	7,215.61	7,215.24	67.89	30.84	87.48	189.77	-9,740.13	9,999.97	9,937.74	67.23	135.425		
9,300.00	7,236.58	7,216.28	7,215.92	70.27	30.85	87.50	189.77	-9,740.13	9,999.50	9,939.13	67.37	133.688		
9,400.00	7,236.83	7,216.96	7,216.59	72.69	30.85	87.53	189.78	-9,740.13	9,999.06	9,940.54	67.52	131.933		
9,500.00	7,237.08	7,217.64	7,217.27	75.14	30.85	87.55	189.78	-9,740.13	9,998.65	9,941.97	67.68	130.158		
9,600.00	7,237.33	7,218.31	7,217.95	77.62	30.86	87.58	189.78	-9,740.14	9,998.29	9,943.42	67.86	128.365		
9,700.00	7,237.58	7,218.99	7,218.62	80.12	30.86	87.60	189.79	-9,740.14	9,997.96	9,944.90	68.06	126.553		
9,800.00	7,237.83	7,219.67	7,219.30	82.65	30.86	87.62	189.79	-9,740.14	9,997.66	9,946.39	68.27	124.721		
9,900.00	7,238.08	7,220.35	7,219.98	85.20	30.87	87.65	189.79	-9,740.15	9,997.38	9,947.91	68.50	122.872		
10,000.00	7,238.32	7,221.02	7,220.66	87.77	30.87	87.67	189.80	-9,740.15	9,997.12	9,949.46	68.74	121.004		
10,100.00	7,238.57	7,221.70	7,221.33	90.36	30.87	87.70	189.80	-9,740.15	9,996.87	9,951.03	69.01	119.118		
10,200.00	7,238.82	7,222.38	7,222.01	92.97	30.87	87.72	189.81	-9,740.15	9,996.63	9,952.62	69.29	117.215		
10,300.00	7,239.07	7,223.05	7,222.69	95.59	30.88	87.75	189.81	-9,740.16	9,996.40	9,954.24	69.59	115.294		
10,400.00	7,239.32	7,223.73	7,223.36	98.22	30.88	87.77	189.81	-9,740.16	9,996.18	9,955.89	69.92	113.357		
10,500.00	7,239.57	7,224.41	7,224.04	100.87	30.88	87.80	189.82	-9,740.16	9,995.97	9,957.57	70.27	111.404		
10,600.00	7,239.82	7,225.09	7,224.72	103.52	30.89	87.82	189.82	-9,740.17	9,995.77	9,959.27	70.63	109.435		
10,700.00	7,240.07	7,225.76	7,225.39	106.19	30.89	87.85	189.82	-9,740.17	9,995.58	9,961.01	71.03	107.452		
10,800.00	7,240.31	7,226.44	7,226.07	108.87	30.89	87.87	189.83	-9,740.17	9,995.40	9,962.78	71.45	105.455		
10,900.00	7,240.56	7,227.12	7,226.75	111.56	30.89	87.90	189.83	-9,740.18	9,995.23	9,964.57	71.89	103.445		
11,000.00	7,240.81	7,227.79	7,227.43	114.25	30.90	87.92	189.84	-9,740.18	9,995.07	9,966.41	72.36	101.422		
11,100.00	7,241.06	7,228.47	7,228.10	116.96	30.90	87.94	189.84	-9,740.18	9,994.92	9,968.27	72.86	99.389		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
11,200.00	7,241.31	7,229.15	7,228.78	119.67	30.90	87.97	189.84	-9,740.18	7,143.56	7,070.18	73.38	97.346		
11,300.00	7,241.56	7,229.82	7,229.46	122.39	30.91	87.99	189.85	-9,740.19	7,046.06	6,972.12	73.94	95.294		
11,400.00	7,241.81	7,230.50	7,230.13	125.11	30.91	88.02	189.85	-9,740.19	6,948.63	6,874.10	74.53	93.234		
11,500.00	7,242.06	7,231.18	7,230.81	127.84	30.91	88.04	189.85	-9,740.19	6,851.27	6,776.12	75.15	91.167		
11,600.00	7,242.30	7,231.86	7,231.49	130.58	30.91	88.07	189.86	-9,740.20	6,753.99	6,678.19	75.81	89.095		
11,700.00	7,242.55	7,232.53	7,232.16	133.32	30.92	88.09	189.86	-9,740.20	6,656.79	6,580.30	76.50	87.020		
11,800.00	7,242.80	7,233.21	7,232.84	136.07	30.92	88.12	189.87	-9,740.20	6,559.68	6,482.45	77.23	84.942		
11,900.00	7,243.05	7,233.89	7,233.52	138.82	30.92	88.14	189.87	-9,740.20	6,462.65	6,384.66	77.99	82.863		
12,000.00	7,243.30	7,234.56	7,234.20	141.58	30.93	88.17	189.87	-9,740.21	6,365.72	6,286.92	78.80	80.785		
12,100.00	7,243.55	7,235.24	7,234.87	144.34	30.93	88.19	189.88	-9,740.21	6,268.88	6,189.23	79.65	78.709		
12,200.00	7,243.80	7,235.92	7,235.55	147.10	30.93	88.21	189.88	-9,740.21	6,172.14	6,091.60	80.54	76.636		
12,300.00	7,244.04	7,236.59	7,236.23	149.87	30.93	88.24	189.88	-9,740.22	6,075.51	5,994.03	81.47	74.569		
12,400.00	7,244.29	7,237.27	7,236.90	152.64	30.94	88.26	189.89	-9,740.22	5,978.99	5,896.53	82.46	72.509		
12,500.00	7,244.54	7,237.95	7,237.58	155.41	30.94	88.29	189.89	-9,740.22	5,882.58	5,799.09	83.49	70.457		
12,600.00	7,244.79	7,238.63	7,238.26	158.19	30.94	88.31	189.90	-9,740.22	5,786.30	5,701.72	84.58	68.414		
12,700.00	7,245.04	7,239.30	7,238.93	160.97	30.95	88.34	189.90	-9,740.23	5,690.14	5,604.42	85.72	66.384		
12,800.00	7,245.29	7,239.98	7,239.61	163.75	30.95	88.36	189.90	-9,740.23	5,594.12	5,507.21	86.91	64.367		
12,900.00	7,245.54	7,240.66	7,240.29	166.54	30.95	88.39	189.91	-9,740.23	5,498.24	5,410.08	88.16	62.365		
13,000.00	7,245.79	7,241.33	7,240.97	169.33	30.95	88.41	189.91	-9,740.24	5,402.51	5,313.03	89.48	60.379		
13,100.00	7,246.03	7,242.01	7,241.64	172.12	30.96	88.44	189.91	-9,740.24	5,306.94	5,216.08	90.86	58.411		
13,200.00	7,246.28	7,242.69	7,242.32	174.91	30.96	88.46	189.92	-9,740.24	5,211.53	5,119.23	92.30	56.463		
13,300.00	7,246.53	7,243.36	7,243.00	177.71	30.96	88.49	189.92	-9,740.24	5,116.30	5,022.49	93.82	54.536		
13,400.00	7,246.78	7,244.04	7,243.67	180.50	30.97	88.51	189.93	-9,740.25	5,021.26	4,925.85	95.40	52.631		
13,500.00	7,247.03	7,244.72	7,244.35	183.30	30.97	88.53	189.93	-9,740.25	4,926.41	4,829.34	97.07	50.751		
13,600.00	7,247.28	7,245.40	7,245.03	186.10	30.97	88.56	189.93	-9,740.25	4,831.76	4,732.95	98.82	48.896		
13,700.00	7,247.53	7,246.07	7,245.70	188.91	30.97	88.58	189.94	-9,740.26	4,737.34	4,636.69	100.65	47.068		
13,800.00	7,247.77	7,246.75	7,246.38	191.71	30.98	88.61	189.94	-9,740.26	4,643.15	4,540.58	102.57	45.268		
13,900.00	7,248.02	7,247.43	7,247.06	194.52	30.98	88.63	189.94	-9,740.26	4,549.21	4,444.63	104.59	43.498		
14,000.00	7,248.27	7,248.10	7,247.74	197.32	30.98	88.66	189.95	-9,740.26	4,455.54	4,348.84	106.70	41.758		
14,100.00	7,248.52	7,248.78	7,248.41	200.13	30.99	88.68	189.95	-9,740.27	4,362.14	4,253.22	108.92	40.050		
14,200.00	7,248.77	7,249.46	7,249.09	202.94	30.99	88.71	189.96	-9,740.27	4,269.04	4,157.80	111.25	38.375		
14,300.00	7,249.02	7,250.14	7,249.77	205.76	30.99	88.73	189.96	-9,740.27	4,176.27	4,062.58	113.69	36.734		
14,400.00	7,249.27	7,250.81	7,250.44	208.57	30.99	88.76	189.96	-9,740.28	4,083.83	3,967.57	116.26	35.128		
14,500.00	7,249.52	7,251.49	7,251.12	211.38	31.00	88.78	189.97	-9,740.28	3,991.76	3,872.80	118.95	33.557		
14,600.00	7,249.76	7,252.17	7,251.80	214.20	31.00	88.81	189.97	-9,740.28	3,900.07	3,778.29	121.79	32.024		
14,700.00	7,250.01	7,252.84	7,252.47	217.02	31.00	88.83	189.97	-9,740.28	3,808.81	3,684.05	124.76	30.528		
14,800.00	7,250.26	7,253.52	7,253.15	219.84	31.01	88.85	189.98	-9,740.29	3,718.00	3,590.10	127.89	29.071		
14,900.00	7,250.51	7,254.20	7,253.83	222.65	31.01	88.88	189.98	-9,740.29	3,627.67	3,496.48	131.19	27.653		
15,000.00	7,250.76	7,254.87	7,254.51	225.48	31.01	88.90	189.98	-9,740.29	3,537.85	3,403.20	134.65	26.274		
15,100.00	7,251.01	7,255.55	7,255.18	228.30	31.02	88.93	189.99	-9,740.30	3,448.60	3,310.31	138.30	24.937		
15,200.00	7,251.26	7,256.23	7,255.86	231.12	31.02	88.95	189.99	-9,740.30	3,359.96	3,217.83	142.13	23.640		
15,300.00	7,251.50	7,256.91	7,256.54	233.94	31.02	88.98	190.00	-9,740.30	3,271.97	3,125.79	146.17	22.384		
15,400.00	7,251.75	7,257.58	7,257.21	236.77	31.02	89.00	190.00	-9,740.31	3,184.69	3,034.26	150.43	21.170		
15,500.00	7,252.00	7,258.26	7,257.89	239.59	31.03	89.03	190.00	-9,740.31	3,098.17	2,943.26	154.92	19.999		
15,600.00	7,252.25	7,258.94	7,258.57	242.42	31.03	89.05	190.01	-9,740.31	3,012.50	2,852.85	159.64	18.870		
15,700.00	7,252.50	7,259.61	7,259.24	245.24	31.03	89.08	190.01	-9,740.31	2,927.73	2,763.10	164.62	17.785		
15,800.00	7,252.75	7,260.29	7,259.92	248.07	31.04	89.10	190.01	-9,740.32	2,843.95	2,674.08	169.87	16.742		
15,900.00	7,253.00	7,260.97	7,260.60	250.90	31.04	89.13	190.02	-9,740.32	2,761.24	2,585.85	175.40	15.743		
16,000.00	7,253.25	7,261.64	7,261.28	253.73	31.04	89.15	190.02	-9,740.32	2,679.72	2,498.50	181.22	14.787		
16,100.00	7,253.49	7,262.32	7,261.95	256.56	31.04	89.17	190.03	-9,740.33	2,599.49	2,412.14	187.35	13.875		
16,200.00	7,253.74	7,263.00	7,262.63	259.39	31.05	89.20	190.03	-9,740.33	2,520.68	2,326.87	193.80	13.006		
16,300.00	7,253.99	7,263.68	7,263.31	262.22	31.05	89.22	190.03	-9,740.33	2,443.41	2,242.83	200.58	12.182		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
16,400.00	7,254.24	7,264.35	7,263.98	265.05	31.05	89.25	190.04	-9,740.33	2,367.85	2,160.15	207.70	11.401		
16,500.00	7,254.49	7,265.03	7,264.66	267.88	31.06	89.27	190.04	-9,740.34	2,294.15	2,079.01	215.15	10.663		
16,600.00	7,254.74	7,265.71	7,265.34	270.72	31.06	89.30	190.04	-9,740.34	2,222.52	1,999.58	222.94	9.969		
16,700.00	7,254.99	7,266.38	7,266.02	273.55	31.06	89.32	190.05	-9,740.34	2,153.14	1,922.08	231.06	9.319		
16,800.00	7,255.24	7,267.06	7,266.69	276.38	31.06	89.35	190.05	-9,740.35	2,086.26	1,846.76	239.49	8.711		
16,900.00	7,255.48	7,267.74	7,267.37	279.22	31.07	89.37	190.06	-9,740.35	2,022.10	1,773.89	248.21	8.147		
17,000.00	7,255.73	7,268.41	7,268.05	282.05	31.07	89.40	190.06	-9,740.35	1,960.95	1,703.78	257.17	7.625		
17,100.00	7,255.98	7,269.09	7,268.72	284.89	31.07	89.42	190.06	-9,740.35	1,903.10	1,636.77	266.33	7.146		
17,200.00	7,256.23	7,269.77	7,269.40	287.73	31.08	89.45	190.07	-9,740.36	1,848.84	1,573.24	275.60	6.708		
17,300.00	7,256.48	7,270.45	7,270.08	290.56	31.08	89.47	190.07	-9,740.36	1,798.51	1,513.61	284.90	6.313		
17,400.00	7,256.73	7,271.12	7,270.75	293.40	31.08	89.50	190.07	-9,740.36	1,752.45	1,458.33	294.12	5.958		
17,500.00	7,256.98	7,271.80	7,271.43	296.24	31.08	89.52	190.08	-9,740.37	1,711.00	1,407.88	303.12	5.645		
17,600.00	7,257.22	7,272.48	7,272.11	299.07	31.09	89.54	190.08	-9,740.37	1,674.50	1,362.74	311.76	5.371		
17,700.00	7,257.47	7,273.15	7,272.79	301.91	31.09	89.57	190.09	-9,740.37	1,643.28	1,323.41	319.87	5.137		
17,800.00	7,257.72	7,273.83	7,273.46	304.75	31.09	89.59	190.09	-9,740.37	1,617.65	1,290.36	327.30	4.942		
17,900.00	7,257.97	7,274.51	7,274.14	307.59	31.10	89.62	190.09	-9,740.38	1,597.88	1,264.02	333.87	4.786		
18,000.00	7,258.22	7,275.19	7,274.82	310.43	31.10	89.64	190.10	-9,740.38	1,584.19	1,244.75	339.44	4.667		
18,100.00	7,258.47	7,275.86	7,275.49	313.27	31.10	89.67	190.10	-9,740.38	1,576.73	1,232.85	343.89	4.585		
18,167.87	7,258.64	7,276.32	7,275.95	315.20	31.10	89.68	190.10	-9,740.39	1,575.27	1,229.05	346.22	4.550 CC		
18,200.00	7,258.72	7,276.54	7,276.17	316.11	31.10	89.69	190.10	-9,740.39	1,575.60	1,228.47	347.12	4.539 ES		
18,300.00	7,258.97	7,277.22	7,276.85	318.95	31.11	89.72	190.11	-9,740.39	1,580.80	1,231.69	349.11	4.528 SF		
18,400.00	7,259.21	7,277.89	7,277.52	321.79	31.11	89.74	190.11	-9,740.39	1,592.28	1,242.44	349.84	4.551		
18,500.00	7,259.46	7,278.57	7,278.20	324.63	31.11	89.77	190.12	-9,740.39	1,609.90	1,260.54	349.36	4.608		
18,600.00	7,259.71	7,279.25	7,278.88	327.48	31.12	89.79	190.12	-9,740.40	1,633.47	1,285.70	347.76	4.697		
18,700.00	7,259.96	7,279.92	7,279.56	330.32	31.12	89.82	190.12	-9,740.40	1,662.72	1,317.57	345.15	4.817		
18,800.00	7,260.21	7,280.60	7,280.23	333.16	31.12	89.84	190.13	-9,740.40	1,697.37	1,355.72	341.65	4.968		
18,900.00	7,260.46	7,281.28	7,280.91	336.00	31.12	89.86	190.13	-9,740.41	1,737.09	1,399.68	337.41	5.148		
19,000.00	7,260.71	7,281.96	7,281.59	338.85	31.13	89.89	190.13	-9,740.41	1,781.54	1,448.96	332.58	5.357		
19,100.00	7,260.95	7,282.63	7,282.26	341.69	31.13	89.91	190.14	-9,740.41	1,830.39	1,503.10	327.29	5.593		
19,118.22	7,261.00	7,282.76	7,282.39	342.21	31.13	89.92	190.14	-9,740.41	1,839.73	1,513.45	326.28	5.638		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-97.67	-1,150.82	-8,542.75	8,619.92					
100.00	100.00	114.00	114.00	3.28	3.97	-97.67	-1,150.82	-8,542.75	8,619.92	8,612.66	7.25	1,188.405		
200.00	200.00	214.00	214.00	3.34	6.60	-97.67	-1,150.82	-8,542.75	8,619.92	8,609.98	9.94	867.607		
300.00	300.00	314.00	314.00	3.44	9.78	-97.67	-1,150.82	-8,542.75	8,619.92	8,606.69	13.23	651.670		
400.00	399.98	413.98	413.98	3.60	13.12	125.92	-1,150.82	-8,542.75	8,620.94	8,604.22	16.72	515.619		
500.00	499.84	513.84	513.84	3.79	16.52	125.90	-1,150.82	-8,542.75	8,624.01	8,603.71	20.31	424.624		
600.00	599.45	613.45	613.45	4.03	19.94	125.86	-1,150.82	-8,542.75	8,629.14	8,605.17	23.96	360.089		
700.00	698.70	712.70	712.70	4.30	23.37	125.81	-1,150.82	-8,542.75	8,636.31	8,608.65	27.66	312.228		
800.00	797.47	811.47	811.47	4.60	26.78	125.74	-1,150.82	-8,542.75	8,645.53	8,614.14	31.38	275.472		
900.00	895.62	909.62	909.62	4.94	30.19	125.66	-1,150.82	-8,542.75	8,656.80	8,621.67	35.13	246.446		
1,000.00	993.06	1,007.06	1,007.06	5.32	33.57	125.56	-1,150.82	-8,542.75	8,670.12	8,631.24	38.88	223.004		
1,100.00	1,089.64	1,103.64	1,103.64	5.73	36.93	125.44	-1,150.82	-8,542.75	8,685.50	8,642.87	42.64	203.717		
1,131.50	1,119.87	1,133.87	1,133.87	5.87	37.98	125.40	-1,150.82	-8,542.75	8,690.77	8,646.95	43.82	198.332		
1,200.00	1,185.51	1,200.49	1,199.51	6.18	40.30	125.51	-1,150.82	-8,542.75	8,702.46	8,656.03	46.43	187.435		
1,300.00	1,281.33	1,304.67	1,295.33	6.65	43.92	125.65	-1,150.82	-8,542.75	8,719.59	8,669.09	50.50	172.673		
1,400.00	1,377.14	1,408.86	1,391.14	7.13	47.55	125.80	-1,150.82	-8,542.75	8,736.77	8,682.18	54.58	160.062		
1,500.00	1,472.96	1,486.96	1,486.96	7.63	50.27	125.95	-1,150.82	-8,542.75	8,754.01	8,696.23	57.78	151.518		
1,600.00	1,568.78	1,582.78	1,582.78	8.14	53.61	126.10	-1,150.82	-8,542.75	8,771.31	8,709.72	61.60	142.402		
1,700.00	1,664.60	1,678.60	1,678.60	8.66	56.95	126.24	-1,150.82	-8,542.75	8,788.67	8,723.25	65.42	134.332		
1,800.00	1,760.41	1,774.41	1,774.41	9.19	60.29	126.39	-1,150.82	-8,542.75	8,806.09	8,736.83	69.26	127.142		
1,900.00	1,856.23	1,870.23	1,870.23	9.73	63.63	126.54	-1,150.82	-8,542.75	8,823.57	8,750.46	73.11	120.697		
2,000.00	1,952.05	1,966.05	1,966.05	10.27	66.97	126.68	-1,150.82	-8,542.75	8,841.11	8,764.15	76.95	114.888		
2,100.00	2,047.86	2,061.86	2,061.86	10.81	70.31	126.83	-1,150.82	-8,542.75	8,858.70	8,777.89	80.81	109.627		
2,200.00	2,143.68	2,157.68	2,157.68	11.36	73.65	126.97	-1,150.82	-8,542.75	8,876.35	8,791.69	84.66	104.841		
2,300.00	2,239.50	2,253.50	2,253.50	11.92	76.99	127.11	-1,150.82	-8,542.75	8,894.06	8,805.53	88.53	100.469		
2,400.00	2,335.32	2,349.32	2,349.32	12.47	80.34	127.26	-1,150.82	-8,542.75	8,911.82	8,819.43	92.39	96.461		
2,500.00	2,431.13	2,445.13	2,445.13	13.03	83.68	127.40	-1,150.82	-8,542.75	8,929.64	8,833.39	96.25	92.772		
2,600.00	2,526.95	2,540.95	2,540.95	13.59	87.02	127.54	-1,150.82	-8,542.75	8,947.52	8,847.40	100.12	89.367		
2,700.00	2,622.77	2,636.77	2,636.77	14.15	90.36	127.68	-1,150.82	-8,542.75	8,965.45	8,861.46	103.99	86.214		
2,800.00	2,718.59	2,732.59	2,732.59	14.72	93.71	127.82	-1,150.82	-8,542.75	8,983.44	8,875.58	107.86	83.287		
2,900.00	2,814.40	2,828.40	2,828.40	15.29	97.05	127.96	-1,150.82	-8,542.75	9,001.49	8,889.75	111.73	80.562		
3,000.00	2,910.22	2,924.22	2,924.22	15.85	100.39	128.10	-1,150.82	-8,542.75	9,019.59	8,903.98	115.61	78.019		
3,100.00	3,006.04	3,020.04	3,020.04	16.42	103.74	128.24	-1,150.82	-8,542.75	9,037.74	8,918.26	119.48	75.642		
3,200.00	3,101.85	3,115.85	3,115.85	16.99	107.08	128.38	-1,150.82	-8,542.75	9,055.94	8,932.59	123.36	73.413		
3,300.00	3,197.67	3,211.67	3,211.67	17.56	110.42	128.52	-1,150.82	-8,542.75	9,074.20	8,946.97	127.23	71.320		
3,400.00	3,293.49	3,307.49	3,307.49	18.14	113.77	128.66	-1,150.82	-8,542.75	9,092.52	8,961.41	131.11	69.351		
3,500.00	3,389.31	3,403.31	3,403.31	18.71	117.11	128.79	-1,150.82	-8,542.75	9,110.89	8,975.90	134.98	67.496		
3,600.00	3,485.12	3,500.88	3,499.12	19.28	120.51	128.93	-1,150.82	-8,542.75	9,129.30	8,990.38	138.92	65.715		
3,700.00	3,580.94	3,605.06	3,594.94	19.86	124.15	129.06	-1,150.82	-8,542.75	9,147.78	9,004.68	143.09	63.929		
3,800.00	3,676.76	3,709.24	3,690.76	20.43	127.79	129.20	-1,150.82	-8,542.75	9,166.30	9,019.04	147.26	62.245		
3,900.00	3,772.58	3,786.58	3,786.58	21.01	130.49	129.34	-1,150.82	-8,542.75	9,184.88	9,034.38	150.50	61.031		
4,000.00	3,868.39	3,882.39	3,882.39	21.58	133.83	129.47	-1,150.82	-8,542.75	9,203.50	9,049.13	154.37	59.618		
4,100.00	3,964.21	3,978.21	3,978.21	22.16	137.17	129.60	-1,150.82	-8,542.75	9,222.18	9,063.93	158.25	58.275		
4,200.00	4,060.03	4,074.03	4,074.03	22.74	140.52	129.74	-1,150.82	-8,542.75	9,240.91	9,078.78	162.13	56.997		
4,300.00	4,155.85	4,169.85	4,169.85	23.32	143.86	129.87	-1,150.82	-8,542.75	9,259.69	9,093.68	166.01	55.778		
4,400.00	4,251.66	4,265.66	4,265.66	23.89	147.21	130.00	-1,150.82	-8,542.75	9,278.52	9,108.64	169.89	54.616		
4,500.00	4,347.48	4,361.48	4,361.48	24.47	150.55	130.13	-1,150.82	-8,542.75	9,297.40	9,123.64	173.77	53.505		
4,600.00	4,443.30	4,457.30	4,457.30	25.05	153.89	130.27	-1,150.82	-8,542.75	9,316.33	9,138.69	177.64	52.444		
4,700.00	4,539.11	4,553.11	4,553.11	25.63	157.24	130.40	-1,150.82	-8,542.75	9,335.31	9,153.79	181.52	51.428		
4,800.00	4,634.93	4,648.93	4,648.93	26.21	160.58	130.53	-1,150.82	-8,542.75	9,354.34	9,168.94	185.40	50.455		
4,900.00	4,730.75	4,744.75	4,744.75	26.79	163.93	130.66	-1,150.82	-8,542.75	9,373.42	9,184.14	189.28	49.522		
5,000.00	4,826.57	4,840.57	4,840.57	27.37	167.27	130.79	-1,150.82	-8,542.75	9,392.54	9,199.39	193.16	48.626		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,936.38	4,936.38	27.95	170.62	130.91	-1,150.82	-8,542.75	9,411.72	9,214.68	197.04	47.767		
5,200.00	5,018.20	5,032.20	5,032.20	28.53	173.96	131.04	-1,150.82	-8,542.75	9,430.94	9,230.03	200.91	46.940		
5,300.00	5,114.02	5,128.02	5,128.02	29.11	177.30	131.17	-1,150.82	-8,542.75	9,450.21	9,245.42	204.79	46.146		
5,400.00	5,209.84	5,223.84	5,223.84	29.69	180.65	131.30	-1,150.82	-8,542.75	9,469.53	9,260.86	208.67	45.381		
5,500.00	5,305.65	5,319.65	5,319.65	30.27	183.99	131.42	-1,150.82	-8,542.75	9,488.89	9,276.34	212.55	44.644		
5,600.00	5,401.47	5,415.47	5,415.47	30.86	187.34	131.55	-1,150.82	-8,542.75	9,508.30	9,291.88	216.42	43.934		
5,700.00	5,497.29	5,511.29	5,511.29	31.44	190.68	131.68	-1,150.82	-8,542.75	9,527.76	9,307.46	220.30	43.249		
5,800.00	5,593.10	5,607.10	5,607.10	32.02	194.03	131.80	-1,150.82	-8,542.75	9,547.26	9,323.08	224.18	42.588		
5,900.00	5,688.92	5,702.92	5,702.92	32.60	197.37	131.93	-1,150.82	-8,542.75	9,566.81	9,338.75	228.05	41.950		
6,000.00	5,784.74	5,801.26	5,798.74	33.18	200.80	132.05	-1,150.82	-8,542.75	9,586.40	9,354.38	232.02	41.317		
6,100.00	5,880.56	5,905.44	5,894.56	33.76	204.44	132.17	-1,150.82	-8,542.75	9,606.04	9,369.85	236.19	40.671		
6,200.00	5,976.37	6,009.63	5,990.37	34.35	208.08	132.30	-1,150.82	-8,542.75	9,625.73	9,385.37	240.35	40.048		
6,300.00	6,072.19	6,086.19	6,086.19	34.93	210.75	132.42	-1,150.82	-8,542.75	9,645.45	9,401.90	243.56	39.602		
6,400.00	6,168.01	6,182.01	6,182.01	35.51	214.09	132.54	-1,150.82	-8,542.75	9,665.23	9,417.79	247.43	39.062		
6,500.00	6,263.83	6,277.83	6,277.83	36.09	217.44	132.67	-1,150.82	-8,542.75	9,685.05	9,433.74	251.31	38.538		
6,600.00	6,359.64	6,373.64	6,373.64	36.68	220.78	132.79	-1,150.82	-8,542.75	9,704.91	9,449.72	255.18	38.031		
6,700.00	6,455.46	6,469.46	6,469.46	37.26	224.13	132.91	-1,150.82	-8,542.75	9,724.81	9,465.75	259.06	37.539		
6,733.48	6,487.54	6,501.54	6,501.54	37.45	225.25	132.95	-1,150.82	-8,542.75	9,731.49	9,471.13	260.36	37.378		
6,750.00	6,503.41	6,517.41	6,517.41	37.55	225.80	129.07	-1,150.82	-8,542.75	9,734.57	9,473.58	261.00	37.298		
6,800.00	6,551.83	6,565.83	6,565.83	37.82	227.49	114.17	-1,150.82	-8,542.75	9,741.34	9,478.40	262.94	37.048		
6,850.00	6,600.62	6,614.62	6,614.62	38.05	229.19	94.84	-1,150.82	-8,542.75	9,744.21	9,479.33	264.88	36.788		
6,900.00	6,649.47	6,663.47	6,663.47	38.25	230.90	74.50	-1,150.82	-8,542.75	9,743.16	9,476.37	266.79	36.520		
6,950.00	6,698.08	6,712.08	6,712.08	38.42	232.60	57.62	-1,150.82	-8,542.75	9,738.21	9,469.55	268.66	36.247		
7,000.00	6,746.15	6,760.15	6,760.15	38.57	234.27	45.50	-1,150.82	-8,542.75	9,729.38	9,458.90	270.48	35.970		
7,050.00	6,793.39	6,807.39	6,807.39	38.71	235.92	37.14	-1,150.82	-8,542.75	9,716.74	9,444.48	272.25	35.690		
7,100.00	6,839.50	6,853.50	6,853.50	38.84	237.53	31.32	-1,150.82	-8,542.75	9,700.34	9,426.39	273.96	35.408		
7,150.00	6,884.20	6,901.80	6,898.20	38.97	239.22	27.15	-1,150.82	-8,542.75	9,680.31	9,404.59	275.72	35.110		
7,200.00	6,927.21	6,941.21	6,941.21	39.11	240.60	24.10	-1,150.82	-8,542.75	9,656.75	9,379.61	277.15	34.844		
7,250.00	6,968.28	6,982.28	6,982.28	39.25	242.03	21.82	-1,150.82	-8,542.75	9,629.82	9,351.20	278.61	34.563		
7,300.00	7,007.13	7,021.13	7,021.13	39.41	243.38	20.09	-1,150.82	-8,542.75	9,599.67	9,319.68	279.99	34.286		
7,350.00	7,043.55	7,057.55	7,057.55	39.58	244.66	18.78	-1,150.82	-8,542.75	9,566.50	9,285.23	281.27	34.012		
7,400.00	7,077.29	7,108.71	7,091.29	39.77	246.44	17.81	-1,150.82	-8,542.75	9,530.50	9,247.45	283.05	33.671		
7,450.00	7,108.16	7,122.16	7,122.16	39.98	246.91	17.11	-1,150.82	-8,542.75	9,491.90	9,208.40	283.51	33.480		
7,500.00	7,135.96	7,149.96	7,149.96	40.22	247.88	16.65	-1,150.82	-8,542.75	9,450.94	9,166.48	284.46	33.224		
7,550.00	7,160.53	7,174.53	7,174.53	40.49	248.74	16.45	-1,150.82	-8,542.75	9,407.86	9,122.56	285.29	32.976		
7,600.00	7,181.70	7,204.30	7,195.70	40.79	249.78	16.51	-1,150.82	-8,542.75	9,362.93	9,076.62	286.31	32.702		
7,650.00	7,199.35	7,213.35	7,213.35	41.13	250.09	16.95	-1,150.82	-8,542.75	9,316.42	9,029.82	286.60	32.507		
7,700.00	7,213.38	7,227.38	7,227.38	41.51	250.58	17.96	-1,150.82	-8,542.75	9,268.62	8,981.56	287.06	32.288		
7,750.00	7,223.68	7,237.68	7,237.68	41.93	250.94	20.17	-1,150.82	-8,542.75	9,219.83	8,932.43	287.40	32.080		
7,800.00	7,230.21	7,244.21	7,244.21	42.38	251.17	26.10	-1,150.82	-8,542.75	9,170.34	8,882.73	287.61	31.884		
7,850.00	7,232.92	7,246.92	7,246.92	42.87	251.27	61.25	-1,150.82	-8,542.75	9,120.46	8,832.76	287.70	31.701		
7,858.69	7,233.00	7,247.00	7,247.00	42.95	251.27	84.54	-1,150.82	-8,542.75	9,111.77	8,824.07	287.70	31.671		
7,900.00	7,233.10	7,247.10	7,247.10	43.38	251.27	84.56	-1,150.82	-8,542.75	9,070.48	8,782.78	287.70	31.527		
8,000.00	7,233.35	7,247.35	7,247.35	44.56	251.28	84.62	-1,150.82	-8,542.75	8,970.52	8,682.81	287.70	31.180		
8,100.00	7,233.60	7,247.60	7,247.60	45.91	251.29	84.68	-1,150.82	-8,542.75	8,870.55	8,582.84	287.71	30.832		
8,200.00	7,233.85	7,247.85	7,247.85	47.41	251.30	84.74	-1,150.82	-8,542.75	8,770.59	8,482.87	287.71	30.484		
8,300.00	7,234.10	7,248.10	7,248.10	49.05	251.31	84.80	-1,150.82	-8,542.75	8,670.62	8,382.91	287.72	30.136		
8,400.00	7,234.35	7,248.35	7,248.35	50.81	251.32	84.86	-1,150.82	-8,542.75	8,570.66	8,282.94	287.73	29.788		
8,500.00	7,234.59	7,248.59	7,248.59	52.68	251.32	84.92	-1,150.82	-8,542.75	8,470.70	8,182.97	287.73	29.439		
8,600.00	7,234.84	7,248.84	7,248.84	54.65	251.33	84.98	-1,150.82	-8,542.75	8,370.74	8,083.00	287.74	29.091		
8,700.00	7,235.09	7,249.09	7,249.09	56.70	251.34	85.04	-1,150.82	-8,542.75	8,270.78	7,983.03	287.75	28.743		
8,800.00	7,235.34	7,249.34	7,249.34	58.82	251.35	85.10	-1,150.82	-8,542.75	8,170.82	7,883.06	287.76	28.394		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.59	7,249.59	7,249.59	61.01	251.36	85.16	-1,150.82	-8,542.75	8,070.87	7,783.09	287.78	28.046		
9,000.00	7,235.84	7,249.84	7,249.84	63.25	251.37	85.22	-1,150.82	-8,542.75	7,970.91	7,683.12	287.79	27.697		
9,100.00	7,236.09	7,250.09	7,250.09	65.55	251.38	85.28	-1,150.82	-8,542.75	7,870.96	7,583.15	287.81	27.348		
9,200.00	7,236.34	7,250.34	7,250.34	67.89	251.39	85.34	-1,150.82	-8,542.75	7,771.00	7,483.18	287.82	26.999		
9,300.00	7,236.58	7,250.58	7,250.58	70.27	251.39	85.40	-1,150.82	-8,542.75	7,671.05	7,383.21	287.84	26.650		
9,400.00	7,236.83	7,250.83	7,250.83	72.69	251.40	85.46	-1,150.82	-8,542.75	7,571.10	7,283.24	287.86	26.301		
9,500.00	7,237.08	7,251.08	7,251.08	75.14	251.41	85.52	-1,150.82	-8,542.75	7,471.15	7,183.27	287.88	25.952		
9,600.00	7,237.33	7,251.33	7,251.33	77.62	251.42	85.58	-1,150.82	-8,542.75	7,371.20	7,083.30	287.90	25.603		
9,700.00	7,237.58	7,251.58	7,251.58	80.12	251.43	85.64	-1,150.82	-8,542.75	7,271.25	6,983.33	287.92	25.254		
9,800.00	7,237.83	7,251.83	7,251.83	82.65	251.44	85.70	-1,150.82	-8,542.75	7,171.31	6,883.36	287.95	24.905		
9,900.00	7,238.08	7,252.08	7,252.08	85.20	251.45	85.76	-1,150.82	-8,542.75	7,071.36	6,783.39	287.97	24.556		
10,000.00	7,238.32	7,252.32	7,252.32	87.77	251.46	85.82	-1,150.82	-8,542.75	6,971.42	6,683.42	288.00	24.206		
10,100.00	7,238.57	7,252.57	7,252.57	90.36	251.46	85.88	-1,150.82	-8,542.75	6,871.48	6,583.45	288.03	23.857		
10,200.00	7,238.82	7,252.82	7,252.82	92.97	251.47	85.94	-1,150.82	-8,542.75	6,771.54	6,483.48	288.06	23.507		
10,300.00	7,239.07	7,253.07	7,253.07	95.59	251.48	86.00	-1,150.82	-8,542.75	6,671.60	6,383.51	288.09	23.158		
10,400.00	7,239.32	7,253.32	7,253.32	98.22	251.49	86.06	-1,150.82	-8,542.75	6,571.66	6,283.54	288.12	22.808		
10,500.00	7,239.57	7,253.57	7,253.57	100.87	251.50	86.12	-1,150.82	-8,542.75	6,471.73	6,183.57	288.16	22.459		
10,600.00	7,239.82	7,253.82	7,253.82	103.52	251.51	86.18	-1,150.82	-8,542.75	6,371.80	6,083.60	288.20	22.109		
10,700.00	7,240.07	7,254.07	7,254.07	106.19	251.52	86.24	-1,150.82	-8,542.75	6,271.87	5,983.63	288.24	21.760		
10,800.00	7,240.31	7,254.31	7,254.31	108.87	251.52	86.30	-1,150.82	-8,542.75	6,171.94	5,883.67	288.28	21.410		
10,900.00	7,240.56	7,254.56	7,254.56	111.56	251.53	86.36	-1,150.82	-8,542.75	6,072.02	5,783.70	288.32	21.060		
11,000.00	7,240.81	7,254.81	7,254.81	114.25	251.54	86.41	-1,150.82	-8,542.75	5,972.10	5,683.73	288.36	20.710		
11,100.00	7,241.06	7,255.06	7,255.06	116.96	251.55	86.47	-1,150.82	-8,542.75	5,872.18	5,583.77	288.41	20.361		
11,200.00	7,241.31	7,255.31	7,255.31	119.67	251.56	86.53	-1,150.82	-8,542.75	5,772.26	5,483.80	288.46	20.011		
11,300.00	7,241.56	7,255.56	7,255.56	122.39	251.57	86.59	-1,150.82	-8,542.75	5,672.35	5,383.84	288.51	19.661		
11,400.00	7,241.81	7,255.81	7,255.81	125.11	251.58	86.65	-1,150.82	-8,542.75	5,572.43	5,283.87	288.56	19.311		
11,500.00	7,242.06	7,256.06	7,256.06	127.84	251.59	86.71	-1,150.82	-8,542.75	5,472.53	5,183.91	288.62	18.961		
11,600.00	7,242.30	7,256.30	7,256.30	130.58	251.59	86.77	-1,150.82	-8,542.75	5,372.62	5,083.94	288.68	18.611		
11,700.00	7,242.55	7,256.55	7,256.55	133.32	251.60	86.83	-1,150.82	-8,542.75	5,272.72	4,983.98	288.74	18.261		
11,800.00	7,242.80	7,256.80	7,256.80	136.07	251.61	86.89	-1,150.82	-8,542.75	5,172.83	4,884.02	288.81	17.911		
11,900.00	7,243.05	7,257.05	7,257.05	138.82	251.62	86.95	-1,150.82	-8,542.75	5,072.93	4,784.06	288.87	17.561		
12,000.00	7,243.30	7,257.30	7,257.30	141.58	251.63	87.01	-1,150.82	-8,542.75	4,973.04	4,684.10	288.95	17.211		
12,100.00	7,243.55	7,257.55	7,257.55	144.34	251.64	87.07	-1,150.82	-8,542.75	4,873.16	4,584.14	289.02	16.861		
12,200.00	7,243.80	7,257.80	7,257.80	147.10	251.65	87.13	-1,150.82	-8,542.75	4,773.28	4,484.18	289.10	16.511		
12,300.00	7,244.04	7,258.04	7,258.04	149.87	251.65	87.19	-1,150.82	-8,542.75	4,673.41	4,384.22	289.19	16.160		
12,400.00	7,244.29	7,258.29	7,258.29	152.64	251.66	87.25	-1,150.82	-8,542.75	4,573.54	4,284.26	289.28	15.810		
12,500.00	7,244.54	7,258.54	7,258.54	155.41	251.67	87.31	-1,150.82	-8,542.75	4,473.68	4,184.30	289.37	15.460		
12,600.00	7,244.79	7,258.79	7,258.79	158.19	251.68	87.37	-1,150.82	-8,542.75	4,373.82	4,084.35	289.47	15.110		
12,700.00	7,245.04	7,259.04	7,259.04	160.97	251.69	87.43	-1,150.82	-8,542.75	4,273.97	3,984.39	289.58	14.759		
12,800.00	7,245.29	7,259.29	7,259.29	163.75	251.70	87.49	-1,150.82	-8,542.75	4,174.13	3,884.44	289.69	14.409		
12,900.00	7,245.54	7,259.54	7,259.54	166.54	251.71	87.55	-1,150.82	-8,542.75	4,074.29	3,784.48	289.81	14.058		
13,000.00	7,245.79	7,259.79	7,259.79	169.33	251.72	87.61	-1,150.82	-8,542.75	3,974.47	3,684.53	289.94	13.708		
13,100.00	7,246.03	7,260.03	7,260.03	172.12	251.72	87.67	-1,150.82	-8,542.75	3,874.65	3,584.57	290.08	13.357		
13,200.00	7,246.28	7,260.28	7,260.28	174.91	251.73	87.73	-1,150.82	-8,542.75	3,774.84	3,484.62	290.23	13.007		
13,300.00	7,246.53	7,260.53	7,260.53	177.71	251.74	87.79	-1,150.82	-8,542.75	3,675.04	3,384.66	290.38	12.656		
13,400.00	7,246.78	7,260.78	7,260.78	180.50	251.75	87.86	-1,150.82	-8,542.75	3,575.26	3,284.70	290.56	12.305		
13,500.00	7,247.03	7,261.03	7,261.03	183.30	251.76	87.92	-1,150.82	-8,542.75	3,475.49	3,184.75	290.74	11.954		
13,600.00	7,247.28	7,261.28	7,261.28	186.10	251.77	87.98	-1,150.82	-8,542.75	3,375.72	3,084.79	290.94	11.603		
13,700.00	7,247.53	7,261.53	7,261.53	188.91	251.78	88.04	-1,150.82	-8,542.75	3,275.98	2,984.82	291.16	11.252		
13,800.00	7,247.77	7,261.77	7,261.77	191.71	251.78	88.10	-1,150.82	-8,542.75	3,176.25	2,884.86	291.39	10.900		
13,900.00	7,248.02	7,262.02	7,262.02	194.52	251.79	88.16	-1,150.82	-8,542.75	3,076.54	2,784.89	291.65	10.549		
14,000.00	7,248.27	7,262.27	7,262.27	197.32	251.80	88.22	-1,150.82	-8,542.75	2,976.84	2,684.91	291.93	10.197		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	7,262.52	7,262.52	200.13	251.81	88.28	-1,150.82	-8,542.75	2,877.17	2,584.93	292.24	9.845		
14,200.00	7,248.77	7,262.77	7,262.77	202.94	251.82	88.34	-1,150.82	-8,542.75	2,777.52	2,484.94	292.59	9.493		
14,300.00	7,249.02	7,263.02	7,263.02	205.76	251.83	88.40	-1,150.82	-8,542.75	2,677.90	2,384.93	292.97	9.141		
14,400.00	7,249.27	7,263.27	7,263.27	208.57	251.84	88.46	-1,150.82	-8,542.75	2,578.31	2,284.92	293.39	8.788		
14,500.00	7,249.52	7,263.52	7,263.52	211.38	251.85	88.52	-1,150.82	-8,542.75	2,478.75	2,184.89	293.86	8.435		
14,600.00	7,249.76	7,263.76	7,263.76	214.20	251.85	88.58	-1,150.82	-8,542.75	2,379.23	2,084.83	294.39	8.082		
14,700.00	7,250.01	7,264.01	7,264.01	217.02	251.86	88.64	-1,150.82	-8,542.75	2,279.75	1,984.75	294.99	7.728		
14,800.00	7,250.26	7,264.26	7,264.26	219.84	251.87	88.70	-1,150.82	-8,542.75	2,180.31	1,884.65	295.67	7.374		
14,900.00	7,250.51	7,264.51	7,264.51	222.65	251.88	88.76	-1,150.82	-8,542.75	2,080.93	1,784.50	296.43	7.020		
15,000.00	7,250.76	7,264.76	7,264.76	225.48	251.89	88.82	-1,150.82	-8,542.75	1,981.62	1,684.30	297.31	6.665		
15,100.00	7,251.01	7,265.01	7,265.01	228.30	251.90	88.88	-1,150.82	-8,542.75	1,882.37	1,584.05	298.32	6.310		
15,200.00	7,251.26	7,265.26	7,265.26	231.12	251.91	88.94	-1,150.82	-8,542.75	1,783.21	1,483.72	299.49	5.954		
15,300.00	7,251.50	7,265.50	7,265.50	233.94	251.92	89.00	-1,150.82	-8,542.75	1,684.15	1,383.31	300.84	5.598		
15,400.00	7,251.75	7,265.75	7,265.75	236.77	251.92	89.06	-1,150.82	-8,542.75	1,585.21	1,282.78	302.43	5.242		
15,500.00	7,252.00	7,266.00	7,266.00	239.59	251.93	89.12	-1,150.82	-8,542.75	1,486.40	1,182.11	304.30	4.885		
15,600.00	7,252.25	7,266.25	7,266.25	242.42	251.94	89.18	-1,150.82	-8,542.75	1,387.77	1,081.25	306.52	4.528		
15,700.00	7,252.50	7,266.50	7,266.50	245.24	251.95	89.24	-1,150.82	-8,542.75	1,289.35	980.18	309.18	4.170		
15,800.00	7,252.75	7,266.75	7,266.75	248.07	251.96	89.30	-1,150.82	-8,542.75	1,191.20	878.81	312.39	3.813		
15,900.00	7,253.00	7,267.00	7,267.00	250.90	251.97	89.36	-1,150.82	-8,542.75	1,093.38	777.06	316.32	3.457		
16,000.00	7,253.25	7,267.25	7,267.25	253.73	251.98	89.42	-1,150.82	-8,542.75	995.99	674.82	321.16	3.101		
16,100.00	7,253.49	7,267.49	7,267.49	256.56	251.98	89.48	-1,150.82	-8,542.75	899.17	571.94	327.23	2.748		
16,200.00	7,253.74	7,267.74	7,267.74	259.39	251.99	89.54	-1,150.82	-8,542.75	803.13	468.20	334.94	2.398		
16,300.00	7,253.99	7,267.99	7,267.99	262.22	252.00	89.60	-1,150.82	-8,542.75	708.20	363.29	344.90	2.053		
16,400.00	7,254.24	7,268.24	7,268.24	265.05	252.01	89.66	-1,150.82	-8,542.75	614.87	256.80	358.06	1.717		
16,500.00	7,254.49	7,268.49	7,268.49	267.88	252.02	89.72	-1,150.82	-8,542.75	524.00	148.20	375.80	1.394 Level 3		
16,600.00	7,254.74	7,268.74	7,268.74	270.72	252.03	89.78	-1,150.82	-8,542.75	437.14	36.96	400.19	1.092 Level 2		
16,700.00	7,254.99	7,268.99	7,268.99	273.55	252.04	89.84	-1,150.82	-8,542.75	357.23	-76.55	433.78	0.824 Level 1		
16,800.00	7,255.24	7,269.24	7,269.24	276.38	252.05	89.90	-1,150.82	-8,542.75	290.05	-187.25	477.30	0.608 Level 1		
16,900.00	7,255.48	7,269.48	7,269.48	279.22	252.05	89.96	-1,150.82	-8,542.75	246.27	-273.78	520.05	0.474 Level 1		
16,967.42	7,255.65	7,269.65	7,269.65	281.13	252.06	90.00	-1,150.82	-8,542.75	236.86	-296.32	533.18	0.444 Level 1, CC, ES, SF		
17,000.00	7,255.73	7,269.73	7,269.73	282.05	252.06	90.02	-1,150.82	-8,542.75	239.09	-292.82	531.91	0.449 Level 1		
17,100.00	7,255.98	7,269.98	7,269.98	284.89	252.07	90.08	-1,150.82	-8,542.75	271.44	-231.36	502.80	0.540 Level 1		
17,200.00	7,256.23	7,270.23	7,270.23	287.73	252.08	90.14	-1,150.82	-8,542.75	331.96	-129.30	461.26	0.720 Level 1		
17,300.00	7,256.48	7,270.48	7,270.48	290.56	252.09	90.20	-1,150.82	-8,542.75	408.31	-17.77	426.08	0.958 Level 1		
17,400.00	7,256.73	7,270.73	7,270.73	293.40	252.10	90.26	-1,150.82	-8,542.75	493.18	93.37	399.82	1.234 Level 2		
17,500.00	7,256.98	7,270.98	7,270.98	296.24	252.11	90.32	-1,150.82	-8,542.75	582.88	202.34	380.54	1.532		
17,600.00	7,257.22	7,271.22	7,271.22	299.07	252.11	90.38	-1,150.82	-8,542.75	675.47	309.28	366.19	1.845		
17,700.00	7,257.47	7,271.47	7,271.47	301.91	252.12	90.44	-1,150.82	-8,542.75	769.92	414.65	355.27	2.167		
17,800.00	7,257.72	7,271.72	7,271.72	304.75	252.13	90.50	-1,150.82	-8,542.75	865.62	518.83	346.79	2.496		
17,900.00	7,257.97	7,271.97	7,271.97	307.59	252.14	90.56	-1,150.82	-8,542.75	962.19	622.11	340.08	2.829		
18,000.00	7,258.22	7,272.22	7,272.22	310.43	252.15	90.62	-1,150.82	-8,542.75	1,059.40	724.73	334.67	3.166		
18,100.00	7,258.47	7,272.47	7,272.47	313.27	252.16	90.68	-1,150.82	-8,542.75	1,157.08	826.83	330.25	3.504		
18,200.00	7,258.72	7,272.72	7,272.72	316.11	252.17	90.74	-1,150.82	-8,542.75	1,255.13	928.54	326.59	3.843		
18,300.00	7,258.97	7,272.97	7,272.97	318.95	252.18	90.80	-1,150.82	-8,542.75	1,353.47	1,029.94	323.53	4.183		
18,400.00	7,259.21	7,273.21	7,273.21	321.79	252.18	90.86	-1,150.82	-8,542.75	1,452.03	1,131.09	320.94	4.524		
18,500.00	7,259.46	7,273.46	7,273.46	324.63	252.19	90.92	-1,150.82	-8,542.75	1,550.78	1,232.04	318.74	4.865		
18,600.00	7,259.71	7,273.71	7,273.71	327.48	252.20	90.98	-1,150.82	-8,542.75	1,649.67	1,332.82	316.85	5.207		
18,700.00	7,259.96	7,273.96	7,273.96	330.32	252.21	91.04	-1,150.82	-8,542.75	1,748.69	1,433.48	315.21	5.548		
18,800.00	7,260.21	7,274.21	7,274.21	333.16	252.22	91.10	-1,150.82	-8,542.75	1,847.82	1,534.03	313.79	5.889		
18,900.00	7,260.46	7,274.46	7,274.46	336.00	252.23	91.16	-1,150.82	-8,542.75	1,947.04	1,634.49	312.55	6.229		
19,000.00	7,260.71	7,274.71	7,274.71	338.85	252.24	91.22	-1,150.82	-8,542.75	2,046.33	1,734.87	311.47	6.570		
19,100.00	7,260.95	7,274.95	7,274.95	341.69	252.24	91.28	-1,150.82	-8,542.75	2,145.69	1,835.18	310.51	6.910		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - BLACKGOLD #3(PA) - OH - OH												<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,118.22	7,261.00	7,275.00	7,275.00	342.21	252.25	91.29	-1,150.82	-8,542.75	2,163.80	1,853.45	310.35	6.972	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-79.58	1,549.01	-8,426.41	8,567.60					
100.00	100.00	126.00	126.00	3.28	4.22	-79.58	1,549.01	-8,426.41	8,567.60	8,560.10	7.50	1,141.826		
200.00	200.00	226.00	226.00	3.34	6.96	-79.58	1,549.01	-8,426.41	8,567.60	8,557.30	10.30	831.654		
300.00	300.00	326.00	326.00	3.44	10.18	-79.58	1,549.01	-8,426.41	8,567.60	8,553.98	13.62	628.904		
400.00	399.98	425.98	425.98	3.60	13.53	144.01	1,549.01	-8,426.41	8,569.02	8,551.89	17.13	500.357		
500.00	499.84	525.84	525.84	3.79	16.93	143.98	1,549.01	-8,426.41	8,573.25	8,552.53	20.72	413.738		
600.00	599.45	625.45	625.45	4.03	20.36	143.93	1,549.01	-8,426.41	8,580.31	8,555.93	24.38	351.959		
700.00	698.70	724.70	724.70	4.30	23.78	143.86	1,549.01	-8,426.41	8,590.18	8,562.10	28.08	305.962		
800.00	797.47	823.47	823.47	4.60	27.20	143.77	1,549.01	-8,426.41	8,602.86	8,571.06	31.80	270.540		
900.00	895.62	921.62	921.62	4.94	30.60	143.66	1,549.01	-8,426.41	8,618.34	8,582.80	35.54	242.521		
1,000.00	993.06	1,019.06	1,019.06	5.32	33.99	143.53	1,549.01	-8,426.41	8,636.61	8,597.33	39.28	219.872		
1,100.00	1,089.64	1,115.64	1,115.64	5.73	37.35	143.37	1,549.01	-8,426.41	8,657.65	8,614.63	43.02	201.233		
1,131.50	1,119.87	1,145.87	1,145.87	5.87	38.40	143.32	1,549.01	-8,426.41	8,664.85	8,620.65	44.20	196.022		
1,200.00	1,185.51	1,211.51	1,211.51	6.18	40.68	143.39	1,549.01	-8,426.41	8,680.82	8,634.05	46.76	185.630		
1,300.00	1,281.33	1,307.33	1,307.33	6.65	44.02	143.50	1,549.01	-8,426.41	8,704.15	8,653.63	50.52	172.303		
1,400.00	1,377.14	1,403.14	1,403.14	7.13	47.35	143.61	1,549.01	-8,426.41	8,727.51	8,673.23	54.28	160.772		
1,500.00	1,472.96	1,501.04	1,498.96	7.63	50.76	143.72	1,549.01	-8,426.41	8,750.90	8,692.77	58.14	150.518		
1,600.00	1,568.78	1,605.22	1,594.78	8.14	54.39	143.83	1,549.01	-8,426.41	8,774.33	8,712.11	62.22	141.016		
1,700.00	1,664.60	1,709.40	1,690.60	8.66	58.02	143.94	1,549.01	-8,426.41	8,797.79	8,731.47	66.31	132.667		
1,800.00	1,760.41	1,786.41	1,786.41	9.19	60.71	144.05	1,549.01	-8,426.41	8,821.27	8,751.80	69.47	126.984		
1,900.00	1,856.23	1,882.23	1,882.23	9.73	64.05	144.16	1,549.01	-8,426.41	8,844.79	8,771.51	73.28	120.696		
2,000.00	1,952.05	1,978.05	1,978.05	10.27	67.39	144.26	1,549.01	-8,426.41	8,868.34	8,791.23	77.10	115.022		
2,100.00	2,047.86	2,073.86	2,073.86	10.81	70.73	144.37	1,549.01	-8,426.41	8,891.91	8,810.99	80.93	109.878		
2,200.00	2,143.68	2,169.68	2,169.68	11.36	74.07	144.47	1,549.01	-8,426.41	8,915.52	8,830.76	84.75	105.194		
2,300.00	2,239.50	2,265.50	2,265.50	11.92	77.41	144.58	1,549.01	-8,426.41	8,939.15	8,850.57	88.58	100.911		
2,400.00	2,335.32	2,361.32	2,361.32	12.47	80.75	144.68	1,549.01	-8,426.41	8,962.82	8,870.40	92.42	96.981		
2,500.00	2,431.13	2,457.13	2,457.13	13.03	84.10	144.79	1,549.01	-8,426.41	8,986.51	8,890.26	96.25	93.362		
2,600.00	2,526.95	2,552.95	2,552.95	13.59	87.44	144.89	1,549.01	-8,426.41	9,010.23	8,910.14	100.09	90.019		
2,700.00	2,622.77	2,648.77	2,648.77	14.15	90.78	144.99	1,549.01	-8,426.41	9,033.98	8,930.05	103.93	86.921		
2,800.00	2,718.59	2,744.59	2,744.59	14.72	94.13	145.10	1,549.01	-8,426.41	9,057.76	8,949.98	107.77	84.043		
2,900.00	2,814.40	2,840.40	2,840.40	15.29	97.47	145.20	1,549.01	-8,426.41	9,081.57	8,969.95	111.62	81.363		
3,000.00	2,910.22	2,936.22	2,936.22	15.85	100.81	145.30	1,549.01	-8,426.41	9,105.40	8,989.94	115.46	78.860		
3,100.00	3,006.04	3,032.04	3,032.04	16.42	104.15	145.40	1,549.01	-8,426.41	9,129.26	9,009.95	119.31	76.519		
3,200.00	3,101.85	3,127.85	3,127.85	16.99	107.50	145.50	1,549.01	-8,426.41	9,153.15	9,030.00	123.15	74.323		
3,300.00	3,197.67	3,223.67	3,223.67	17.56	110.84	145.60	1,549.01	-8,426.41	9,177.07	9,050.06	127.00	72.260		
3,400.00	3,293.49	3,319.49	3,319.49	18.14	114.19	145.70	1,549.01	-8,426.41	9,201.01	9,070.16	130.85	70.318		
3,500.00	3,389.31	3,415.31	3,415.31	18.71	117.53	145.80	1,549.01	-8,426.41	9,224.98	9,090.28	134.70	68.486		
3,600.00	3,485.12	3,511.12	3,511.12	19.28	120.87	145.90	1,549.01	-8,426.41	9,248.97	9,110.43	138.55	66.757		
3,700.00	3,580.94	3,606.94	3,606.94	19.86	124.22	146.00	1,549.01	-8,426.41	9,272.99	9,130.60	142.40	65.121		
3,800.00	3,676.76	3,702.76	3,702.76	20.43	127.56	146.09	1,549.01	-8,426.41	9,297.04	9,150.80	146.25	63.571		
3,900.00	3,772.58	3,801.42	3,798.58	21.01	131.00	146.19	1,549.01	-8,426.41	9,321.12	9,170.92	150.20	62.060		
4,000.00	3,868.39	3,905.61	3,894.39	21.58	134.64	146.29	1,549.01	-8,426.41	9,345.22	9,190.88	154.34	60.550		
4,100.00	3,964.21	4,009.79	3,990.21	22.16	138.28	146.38	1,549.01	-8,426.41	9,369.34	9,210.86	158.48	59.119		
4,200.00	4,060.03	4,086.03	4,086.03	22.74	140.94	146.48	1,549.01	-8,426.41	9,393.49	9,231.84	161.65	58.110		
4,300.00	4,155.85	4,181.85	4,181.85	23.32	144.28	146.57	1,549.01	-8,426.41	9,417.67	9,252.16	165.50	56.904		
4,400.00	4,251.66	4,277.66	4,277.66	23.89	147.62	146.67	1,549.01	-8,426.41	9,441.87	9,272.51	169.35	55.753		
4,500.00	4,347.48	4,373.48	4,373.48	24.47	150.97	146.76	1,549.01	-8,426.41	9,466.09	9,292.89	173.20	54.653		
4,600.00	4,443.30	4,469.30	4,469.30	25.05	154.31	146.85	1,549.01	-8,426.41	9,490.34	9,313.28	177.06	53.601		
4,700.00	4,539.11	4,565.11	4,565.11	25.63	157.66	146.95	1,549.01	-8,426.41	9,514.61	9,333.70	180.91	52.594		
4,800.00	4,634.93	4,660.93	4,660.93	26.21	161.00	147.04	1,549.01	-8,426.41	9,538.91	9,354.15	184.76	51.629		
4,900.00	4,730.75	4,756.75	4,756.75	26.79	164.35	147.13	1,549.01	-8,426.41	9,563.23	9,374.62	188.61	50.703		
5,000.00	4,826.57	4,852.57	4,852.57	27.37	167.69	147.22	1,549.01	-8,426.41	9,587.58	9,395.11	192.46	49.815		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,948.38	4,948.38	27.95	171.03	147.32	1,549.01	-8,426.41	9,611.94	9,415.63	196.32	48.962		
5,200.00	5,018.20	5,044.20	5,044.20	28.53	174.38	147.41	1,549.01	-8,426.41	9,636.34	9,436.17	200.17	48.141		
5,300.00	5,114.02	5,140.02	5,140.02	29.11	177.72	147.50	1,549.01	-8,426.41	9,660.75	9,456.73	204.02	47.352		
5,400.00	5,209.84	5,235.84	5,235.84	29.69	181.07	147.59	1,549.01	-8,426.41	9,685.19	9,477.32	207.87	46.592		
5,500.00	5,305.65	5,331.65	5,331.65	30.27	184.41	147.68	1,549.01	-8,426.41	9,709.65	9,497.93	211.72	45.860		
5,600.00	5,401.47	5,427.47	5,427.47	30.86	187.76	147.77	1,549.01	-8,426.41	9,734.13	9,518.56	215.58	45.154		
5,700.00	5,497.29	5,523.29	5,523.29	31.44	191.10	147.85	1,549.01	-8,426.41	9,758.64	9,539.21	219.43	44.473		
5,800.00	5,593.10	5,619.10	5,619.10	32.02	194.45	147.94	1,549.01	-8,426.41	9,783.17	9,559.89	223.28	43.815		
5,900.00	5,688.92	5,714.92	5,714.92	32.60	197.79	148.03	1,549.01	-8,426.41	9,807.72	9,580.59	227.13	43.180		
6,000.00	5,784.74	5,810.74	5,810.74	33.18	201.13	148.12	1,549.01	-8,426.41	9,832.29	9,601.31	230.99	42.567		
6,100.00	5,880.56	5,906.56	5,906.56	33.76	204.48	148.20	1,549.01	-8,426.41	9,856.89	9,622.05	234.84	41.973		
6,200.00	5,976.37	6,002.37	6,002.37	34.35	207.82	148.29	1,549.01	-8,426.41	9,881.50	9,642.81	238.69	41.399		
6,300.00	6,072.19	6,101.81	6,101.81	34.93	211.29	148.38	1,549.01	-8,426.41	9,906.14	9,663.47	242.67	40.822		
6,400.00	6,168.01	6,205.99	6,205.99	35.51	214.93	148.46	1,549.01	-8,426.41	9,930.80	9,683.99	246.81	40.236		
6,500.00	6,263.83	6,289.83	6,289.83	36.09	217.86	148.55	1,549.01	-8,426.41	9,955.48	9,705.24	250.24	39.783		
6,600.00	6,359.64	6,385.64	6,385.64	36.68	221.20	148.63	1,549.01	-8,426.41	9,980.18	9,726.09	254.10	39.277		
7,150.00	6,884.20	6,910.20	6,910.20	38.97	239.51	43.64	1,549.01	-8,426.41	9,987.19	9,712.71	274.48	36.385		
7,200.00	6,927.21	6,953.21	6,953.21	39.11	241.01	41.18	1,549.01	-8,426.41	9,967.13	9,691.09	276.04	36.108		
7,250.00	6,968.28	7,005.72	6,994.28	39.25	242.85	39.63	1,549.01	-8,426.41	9,943.74	9,665.84	277.90	35.781		
7,300.00	7,007.13	7,033.13	7,033.13	39.41	243.80	38.81	1,549.01	-8,426.41	9,917.17	9,638.29	278.88	35.561		
7,350.00	7,043.55	7,069.55	7,069.55	39.58	245.07	38.62	1,549.01	-8,426.41	9,887.58	9,607.43	280.15	35.294		
7,400.00	7,077.29	7,103.29	7,103.29	39.77	246.25	39.00	1,549.01	-8,426.41	9,855.15	9,573.83	281.31	35.032		
7,450.00	7,108.16	7,134.16	7,134.16	39.98	247.33	39.98	1,549.01	-8,426.41	9,820.09	9,537.71	282.37	34.777		
7,500.00	7,135.96	7,161.96	7,161.96	40.22	248.30	41.58	1,549.01	-8,426.41	9,782.61	9,499.29	283.32	34.528		
7,550.00	7,160.53	7,186.53	7,186.53	40.49	249.16	43.93	1,549.01	-8,426.41	9,742.95	9,458.79	284.16	34.287		
7,600.00	7,181.70	7,207.70	7,207.70	40.79	249.90	47.17	1,549.01	-8,426.41	9,701.35	9,416.47	284.88	34.055		
7,650.00	7,199.35	7,225.35	7,225.35	41.13	250.51	51.54	1,549.01	-8,426.41	9,658.06	9,372.59	285.48	33.831		
7,700.00	7,213.38	7,239.38	7,239.38	41.51	251.00	57.38	1,549.01	-8,426.41	9,613.36	9,327.40	285.96	33.618		
7,750.00	7,223.68	7,249.68	7,249.68	41.93	251.36	65.09	1,549.01	-8,426.41	9,567.51	9,281.19	286.33	33.415		
7,800.00	7,230.21	7,256.21	7,256.21	42.38	251.59	75.03	1,549.01	-8,426.41	9,520.80	9,234.23	286.57	33.223		
7,850.00	7,232.92	7,258.92	7,258.92	42.87	251.69	87.25	1,549.01	-8,426.41	9,473.51	9,186.81	286.70	33.043		
7,858.69	7,233.00	7,259.00	7,259.00	42.95	251.69	89.56	1,549.01	-8,426.41	9,465.25	9,178.54	286.71	33.013		
7,900.00	7,233.10	7,259.10	7,259.10	43.38	251.69	89.57	1,549.01	-8,426.41	9,425.99	9,139.24	286.75	32.872		
8,000.00	7,233.35	7,259.35	7,259.35	44.56	251.70	89.57	1,549.01	-8,426.41	9,331.02	9,044.15	286.87	32.527		
8,100.00	7,233.60	7,259.60	7,259.60	45.91	251.71	89.58	1,549.01	-8,426.41	9,236.15	8,949.14	287.01	32.180		
8,200.00	7,233.85	7,259.85	7,259.85	47.41	251.72	89.58	1,549.01	-8,426.41	9,141.40	8,854.21	287.19	31.830		
8,300.00	7,234.10	7,260.10	7,260.10	49.05	251.73	89.58	1,549.01	-8,426.41	9,046.76	8,759.36	287.40	31.478		
8,400.00	7,234.35	7,260.35	7,260.35	50.81	251.74	89.59	1,549.01	-8,426.41	8,952.23	8,664.59	287.65	31.122		
8,500.00	7,234.59	7,260.59	7,260.59	52.68	251.74	89.59	1,549.01	-8,426.41	8,857.83	8,569.90	287.93	30.764		
8,600.00	7,234.84	7,260.84	7,260.84	54.65	251.75	89.60	1,549.01	-8,426.41	8,763.55	8,475.30	288.25	30.403		
8,700.00	7,235.09	7,261.09	7,261.09	56.70	251.76	89.60	1,549.01	-8,426.41	8,669.40	8,380.79	288.60	30.039		
8,800.00	7,235.34	7,261.34	7,261.34	58.82	251.77	89.61	1,549.01	-8,426.41	8,575.38	8,286.38	289.00	29.673		
8,900.00	7,235.59	7,261.59	7,261.59	61.01	251.78	89.61	1,549.01	-8,426.41	8,481.49	8,192.06	289.43	29.304		
9,000.00	7,235.84	7,261.84	7,261.84	63.25	251.79	89.62	1,549.01	-8,426.41	8,387.75	8,097.84	289.91	28.932		
9,100.00	7,236.09	7,262.09	7,262.09	65.55	251.80	89.62	1,549.01	-8,426.41	8,294.16	8,003.72	290.43	28.558		
9,200.00	7,236.34	7,262.34	7,262.34	67.89	251.80	89.63	1,549.01	-8,426.41	8,200.71	7,909.71	291.00	28.181		
9,300.00	7,236.58	7,262.58	7,262.58	70.27	251.81	89.63	1,549.01	-8,426.41	8,107.43	7,815.81	291.61	27.802		
9,400.00	7,236.83	7,262.83	7,262.83	72.69	251.82	89.64	1,549.01	-8,426.41	8,014.30	7,722.03	292.27	27.421		
9,500.00	7,237.08	7,263.08	7,263.08	75.14	251.83	89.64	1,549.01	-8,426.41	7,921.34	7,628.36	292.98	27.037		
9,600.00	7,237.33	7,263.33	7,263.33	77.62	251.84	89.65	1,549.01	-8,426.41	7,828.56	7,534.83	293.73	26.652		
9,700.00	7,237.58	7,263.58	7,263.58	80.12	251.85	89.65	1,549.01	-8,426.41	7,735.95	7,441.42	294.54	26.265		
9,800.00	7,237.83	7,263.83	7,263.83	82.65	251.86	89.66	1,549.01	-8,426.41	7,643.53	7,348.14	295.39	25.876		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
9,900.00	7,238.08	7,264.08	7,264.08	85.20	251.87	89.66	1,549.01	-8,426.41	7,551.31	7,255.01	296.30	25.486		
10,000.00	7,238.32	7,264.32	7,264.32	87.77	251.87	89.67	1,549.01	-8,426.41	7,459.28	7,162.03	297.26	25.094		
10,100.00	7,238.57	7,264.57	7,264.57	90.36	251.88	89.67	1,549.01	-8,426.41	7,367.47	7,069.20	298.27	24.701		
10,200.00	7,238.82	7,264.82	7,264.82	92.97	251.89	89.68	1,549.01	-8,426.41	7,275.86	6,976.53	299.34	24.307		
10,300.00	7,239.07	7,265.07	7,265.07	95.59	251.90	89.68	1,549.01	-8,426.41	7,184.49	6,884.03	300.46	23.912		
10,400.00	7,239.32	7,265.32	7,265.32	98.22	251.91	89.69	1,549.01	-8,426.41	7,093.34	6,791.70	301.64	23.516		
10,500.00	7,239.57	7,265.57	7,265.57	100.87	251.92	89.69	1,549.01	-8,426.41	7,002.44	6,699.56	302.88	23.120		
10,600.00	7,239.82	7,265.82	7,265.82	103.52	251.93	89.70	1,549.01	-8,426.41	6,911.79	6,607.61	304.17	22.723		
10,700.00	7,240.07	7,266.07	7,266.07	106.19	251.93	89.70	1,549.01	-8,426.41	6,821.40	6,515.87	305.53	22.327		
10,800.00	7,240.31	7,266.31	7,266.31	108.87	251.94	89.71	1,549.01	-8,426.41	6,731.28	6,424.33	306.94	21.930		
10,900.00	7,240.56	7,266.56	7,266.56	111.56	251.95	89.71	1,549.01	-8,426.41	6,641.44	6,333.02	308.42	21.534		
11,000.00	7,240.81	7,266.81	7,266.81	114.25	251.96	89.72	1,549.01	-8,426.41	6,551.90	6,241.94	309.96	21.138		
11,100.00	7,241.06	7,267.06	7,267.06	116.96	251.97	89.72	1,549.01	-8,426.41	6,462.67	6,151.10	311.57	20.742		
11,200.00	7,241.31	7,267.31	7,267.31	119.67	251.98	89.73	1,549.01	-8,426.41	6,373.75	6,060.51	313.24	20.348		
11,300.00	7,241.56	7,267.56	7,267.56	122.39	251.99	89.73	1,549.01	-8,426.41	6,285.17	5,970.19	314.98	19.954		
11,400.00	7,241.81	7,267.81	7,267.81	125.11	252.00	89.74	1,549.01	-8,426.41	6,196.93	5,880.15	316.78	19.562		
11,500.00	7,242.06	7,268.06	7,268.06	127.84	252.00	89.74	1,549.01	-8,426.41	6,109.06	5,790.40	318.66	19.171		
11,600.00	7,242.30	7,268.30	7,268.30	130.58	252.01	89.74	1,549.01	-8,426.41	6,021.57	5,700.96	320.61	18.782		
11,700.00	7,242.55	7,268.55	7,268.55	133.32	252.02	89.75	1,549.01	-8,426.41	5,934.47	5,611.84	322.63	18.394		
11,800.00	7,242.80	7,268.80	7,268.80	136.07	252.03	89.75	1,549.01	-8,426.41	5,847.78	5,523.06	324.73	18.008		
11,900.00	7,243.05	7,269.05	7,269.05	138.82	252.04	89.76	1,549.01	-8,426.41	5,761.53	5,434.63	326.90	17.625		
12,000.00	7,243.30	7,269.30	7,269.30	141.58	252.05	89.76	1,549.01	-8,426.41	5,675.73	5,346.57	329.16	17.243		
12,100.00	7,243.55	7,269.55	7,269.55	144.34	252.06	89.77	1,549.01	-8,426.41	5,590.40	5,258.91	331.49	16.864		
12,200.00	7,243.80	7,269.80	7,269.80	147.10	252.06	89.77	1,549.01	-8,426.41	5,505.56	5,171.65	333.91	16.488		
12,300.00	7,244.04	7,270.04	7,270.04	149.87	252.07	89.78	1,549.01	-8,426.41	5,421.24	5,084.83	336.41	16.115		
12,400.00	7,244.29	7,270.29	7,270.29	152.64	252.08	89.78	1,549.01	-8,426.41	5,337.46	4,998.46	339.00	15.745		
12,500.00	7,244.54	7,270.54	7,270.54	155.41	252.09	89.79	1,549.01	-8,426.41	5,254.25	4,912.57	341.67	15.378		
12,600.00	7,244.79	7,270.79	7,270.79	158.19	252.10	89.79	1,549.01	-8,426.41	5,171.63	4,827.19	344.44	15.014		
12,700.00	7,245.04	7,271.04	7,271.04	160.97	252.11	89.80	1,549.01	-8,426.41	5,089.64	4,742.33	347.31	14.655		
12,800.00	7,245.29	7,271.29	7,271.29	163.75	252.12	89.80	1,549.01	-8,426.41	5,008.30	4,658.03	350.27	14.299		
12,900.00	7,245.54	7,271.54	7,271.54	166.54	252.13	89.81	1,549.01	-8,426.41	4,927.65	4,574.32	353.32	13.947		
13,000.00	7,245.79	7,271.79	7,271.79	169.33	252.13	89.81	1,549.01	-8,426.41	4,847.71	4,491.23	356.48	13.599		
13,100.00	7,246.03	7,272.03	7,272.03	172.12	252.14	89.82	1,549.01	-8,426.41	4,768.54	4,408.80	359.74	13.256		
13,200.00	7,246.28	7,272.28	7,272.28	174.91	252.15	89.82	1,549.01	-8,426.41	4,690.16	4,327.06	363.11	12.917		
13,300.00	7,246.53	7,272.53	7,272.53	177.71	252.16	89.83	1,549.01	-8,426.41	4,612.62	4,246.04	366.58	12.583		
13,400.00	7,246.78	7,272.78	7,272.78	180.50	252.17	89.83	1,549.01	-8,426.41	4,535.96	4,165.80	370.16	12.254		
13,500.00	7,247.03	7,273.03	7,273.03	183.30	252.18	89.84	1,549.01	-8,426.41	4,460.22	4,086.37	373.85	11.931		
13,600.00	7,247.28	7,273.28	7,273.28	186.10	252.19	89.84	1,549.01	-8,426.41	4,385.45	4,007.80	377.65	11.612		
13,700.00	7,247.53	7,273.53	7,273.53	188.91	252.20	89.85	1,549.01	-8,426.41	4,311.71	3,930.15	381.57	11.300		
13,800.00	7,247.77	7,273.77	7,273.77	191.71	252.20	89.85	1,549.01	-8,426.41	4,239.05	3,853.45	385.60	10.993		
13,900.00	7,248.02	7,274.02	7,274.02	194.52	252.21	89.86	1,549.01	-8,426.41	4,167.51	3,777.77	389.74	10.693		
14,000.00	7,248.27	7,274.27	7,274.27	197.32	252.22	89.86	1,549.01	-8,426.41	4,097.17	3,703.17	394.00	10.399		
14,100.00	7,248.52	7,274.52	7,274.52	200.13	252.23	89.87	1,549.01	-8,426.41	4,028.08	3,629.71	398.37	10.111		
14,200.00	7,248.77	7,274.77	7,274.77	202.94	252.24	89.87	1,549.01	-8,426.41	3,960.31	3,557.45	402.86	9.830		
14,300.00	7,249.02	7,275.02	7,275.02	205.76	252.25	89.88	1,549.01	-8,426.41	3,893.93	3,486.48	407.46	9.557		
14,400.00	7,249.27	7,275.27	7,275.27	208.57	252.26	89.88	1,549.01	-8,426.41	3,829.02	3,416.85	412.16	9.290		
14,500.00	7,249.52	7,275.52	7,275.52	211.38	252.26	89.89	1,549.01	-8,426.41	3,765.64	3,348.66	416.98	9.031		
14,600.00	7,249.76	7,275.76	7,275.76	214.20	252.27	89.89	1,549.01	-8,426.41	3,703.87	3,281.98	421.89	8.779		
14,700.00	7,250.01	7,276.01	7,276.01	217.02	252.28	89.90	1,549.01	-8,426.41	3,643.80	3,216.91	426.90	8.536		
14,800.00	7,250.26	7,276.26	7,276.26	219.84	252.29	89.90	1,549.01	-8,426.41	3,585.52	3,153.53	431.99	8.300		
14,900.00	7,250.51	7,276.51	7,276.51	222.65	252.30	89.91	1,549.01	-8,426.41	3,529.11	3,091.94	437.17	8.073		
15,000.00	7,250.76	7,276.76	7,276.76	225.48	252.31	89.91	1,549.01	-8,426.41	3,474.66	3,032.25	442.41	7.854		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Falken 9-11 PAD - CARLSON #10-1(PA) - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)						
15,100.00	7,251.01	7,277.01	7,277.01	228.30	252.32	89.91	1,549.01	-8,426.41	3,422.26	2,974.55	447.71	7.644					
15,200.00	7,251.26	7,277.26	7,277.26	231.12	252.33	89.92	1,549.01	-8,426.41	3,372.02	2,918.96	453.06	7.443					
15,300.00	7,251.50	7,277.50	7,277.50	233.94	252.33	89.92	1,549.01	-8,426.41	3,324.03	2,865.59	458.44	7.251					
15,400.00	7,251.75	7,277.75	7,277.75	236.77	252.34	89.93	1,549.01	-8,426.41	3,278.39	2,814.55	463.84	7.068					
15,500.00	7,252.00	7,278.00	7,278.00	239.59	252.35	89.93	1,549.01	-8,426.41	3,235.19	2,765.96	469.23	6.895					
15,600.00	7,252.25	7,278.25	7,278.25	242.42	252.36	89.94	1,549.01	-8,426.41	3,194.54	2,719.94	474.60	6.731					
15,700.00	7,252.50	7,278.50	7,278.50	245.24	252.37	89.94	1,549.01	-8,426.41	3,156.54	2,676.62	479.92	6.577					
15,800.00	7,252.75	7,278.75	7,278.75	248.07	252.38	89.95	1,549.01	-8,426.41	3,121.28	2,636.10	485.18	6.433					
15,900.00	7,253.00	7,279.00	7,279.00	250.90	252.39	89.95	1,549.01	-8,426.41	3,088.85	2,598.51	490.35	6.299					
16,000.00	7,253.25	7,279.25	7,279.25	253.73	252.39	89.96	1,549.01	-8,426.41	3,059.36	2,563.96	495.40	6.176					
16,100.00	7,253.49	7,279.49	7,279.49	256.56	252.40	89.96	1,549.01	-8,426.41	3,032.87	2,532.56	500.31	6.062					
16,200.00	7,253.74	7,279.74	7,279.74	259.39	252.41	89.97	1,549.01	-8,426.41	3,009.48	2,504.42	505.05	5.959					
16,300.00	7,253.99	7,279.99	7,279.99	262.22	252.42	89.97	1,549.01	-8,426.41	2,989.25	2,479.64	509.61	5.866					
16,400.00	7,254.24	7,280.24	7,280.24	265.05	252.43	89.98	1,549.01	-8,426.41	2,972.24	2,458.29	513.95	5.783					
16,500.00	7,254.49	7,280.49	7,280.49	267.88	252.44	89.98	1,549.01	-8,426.41	2,958.53	2,440.47	518.05	5.711					
16,600.00	7,254.74	7,280.74	7,280.74	270.72	252.45	89.99	1,549.01	-8,426.41	2,948.14	2,426.24	521.89	5.649					
16,700.00	7,254.99	7,280.99	7,280.99	273.55	252.46	89.99	1,549.01	-8,426.41	2,941.12	2,415.66	525.46	5.597					
16,800.00	7,255.24	7,281.24	7,281.24	276.38	252.46	90.00	1,549.01	-8,426.41	2,937.48	2,408.75	528.73	5.556					
16,856.79	7,255.38	7,281.38	7,281.38	277.99	252.47	90.00	1,549.01	-8,426.41	2,936.93	2,406.48	530.45	5.537	CC				
16,900.00	7,255.48	7,281.48	7,281.48	279.22	252.47	90.00	1,549.01	-8,426.41	2,937.25	2,405.56	531.69	5.524	ES				
17,000.00	7,255.73	7,281.73	7,281.73	282.05	252.48	90.01	1,549.01	-8,426.41	2,940.42	2,406.09	534.33	5.503					
17,100.00	7,255.98	7,281.98	7,281.98	284.89	252.49	90.01	1,549.01	-8,426.41	2,946.99	2,410.34	536.64	5.492					
17,200.00	7,256.23	7,282.23	7,282.23	287.73	252.50	90.02	1,549.01	-8,426.41	2,956.92	2,418.29	538.63	5.490	SF				
17,300.00	7,256.48	7,282.48	7,282.48	290.56	252.51	90.02	1,549.01	-8,426.41	2,970.19	2,429.90	540.28	5.497					
17,400.00	7,256.73	7,282.73	7,282.73	293.40	252.52	90.03	1,549.01	-8,426.41	2,986.75	2,445.14	541.61	5.515					
17,500.00	7,256.98	7,282.98	7,282.98	296.24	252.52	90.03	1,549.01	-8,426.41	3,006.54	2,463.93	542.62	5.541					
17,600.00	7,257.22	7,283.22	7,283.22	299.07	252.53	90.04	1,549.01	-8,426.41	3,029.51	2,486.20	543.31	5.576					
17,700.00	7,257.47	7,283.47	7,283.47	301.91	252.54	90.04	1,549.01	-8,426.41	3,055.58	2,511.88	543.70	5.620					
17,800.00	7,257.72	7,283.72	7,283.72	304.75	252.55	90.05	1,549.01	-8,426.41	3,084.67	2,540.87	543.81	5.672					
17,900.00	7,257.97	7,283.97	7,283.97	307.59	252.56	90.05	1,549.01	-8,426.41	3,116.71	2,573.06	543.64	5.733					
18,000.00	7,258.22	7,284.22	7,284.22	310.43	252.57	90.06	1,549.01	-8,426.41	3,151.59	2,608.36	543.22	5.802					
18,100.00	7,258.47	7,284.47	7,284.47	313.27	252.58	90.06	1,549.01	-8,426.41	3,189.22	2,646.65	542.57	5.878					
18,200.00	7,258.72	7,284.72	7,284.72	316.11	252.59	90.07	1,549.01	-8,426.41	3,229.52	2,687.82	541.70	5.962					
18,300.00	7,258.97	7,284.97	7,284.97	318.95	252.59	90.07	1,549.01	-8,426.41	3,272.37	2,731.75	540.62	6.053					
18,400.00	7,259.21	7,285.21	7,285.21	321.79	252.60	90.07	1,549.01	-8,426.41	3,317.69	2,778.31	539.37	6.151					
18,500.00	7,259.46	7,285.46	7,285.46	324.63	252.61	90.08	1,549.01	-8,426.41	3,365.37	2,827.41	537.96	6.256					
18,600.00	7,259.71	7,285.71	7,285.71	327.48	252.62	90.08	1,549.01	-8,426.41	3,415.31	2,878.91	536.40	6.367					
18,700.00	7,259.96	7,285.96	7,285.96	330.32	252.63	90.09	1,549.01	-8,426.41	3,467.42	2,932.70	534.72	6.485					
18,800.00	7,260.21	7,286.21	7,286.21	333.16	252.64	90.09	1,549.01	-8,426.41	3,521.59	2,988.67	532.92	6.608					
18,900.00	7,260.46	7,286.46	7,286.46	336.00	252.65	90.10	1,549.01	-8,426.41	3,577.74	3,046.71	531.03	6.737					
19,000.00	7,260.71	7,286.71	7,286.71	338.85	252.66	90.10	1,549.01	-8,426.41	3,635.78	3,106.71	529.07	6.872					
19,100.00	7,260.95	7,286.95	7,286.95	341.69	252.66	90.11	1,549.01	-8,426.41	3,695.61	3,168.58	527.03	7.012					
19,118.22	7,261.00	7,287.00	7,287.00	342.21	252.67	90.11	1,549.01	-8,426.41	3,706.70	3,180.04	526.65	7.038					

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	-166.94	-2,665.98	-618.56	2,736.82					
100.00	100.00	83.49	83.49	3.28	3.28	-166.94	-2,666.10	-618.57	2,736.93	2,730.36	6.57	416.603		
200.00	200.00	188.47	188.47	3.34	3.33	-166.94	-2,666.36	-618.48	2,737.15	2,730.48	6.67	410.352		
300.00	300.00	282.50	282.50	3.44	3.43	-166.95	-2,666.56	-618.32	2,737.33	2,730.45	6.87	398.287		
400.00	399.98	381.90	381.89	3.60	3.58	56.70	-2,666.90	-618.40	2,736.71	2,729.54	7.17	381.601		
500.00	499.84	484.42	484.41	3.79	3.77	56.84	-2,667.16	-618.59	2,734.13	2,726.57	7.56	361.650		
600.00	599.45	583.05	583.05	4.03	4.00	57.06	-2,667.38	-618.67	2,729.61	2,721.59	8.02	340.357		
700.00	698.70	693.72	693.71	4.30	4.29	57.41	-2,667.51	-618.60	2,723.08	2,714.50	8.58	317.417		
800.00	797.47	784.88	784.87	4.60	4.54	57.81	-2,667.49	-618.56	2,714.60	2,705.45	9.14	296.887		
900.00	895.62	879.49	879.49	4.94	4.83	58.31	-2,667.65	-618.78	2,704.58	2,694.81	9.77	276.844		
1,000.00	993.06	992.42	992.42	5.32	5.20	58.98	-2,667.69	-618.81	2,692.70	2,682.20	10.50	256.426		
1,100.00	1,089.64	1,079.86	1,079.86	5.73	5.49	59.63	-2,667.54	-618.74	2,678.97	2,667.78	11.19	239.337		
1,131.50	1,119.87	1,107.47	1,107.47	5.87	5.59	59.86	-2,667.56	-618.77	2,674.40	2,662.98	11.42	234.168		
1,200.00	1,185.51	1,173.18	1,173.18	6.18	5.82	60.21	-2,667.63	-618.82	2,664.39	2,652.44	11.94	223.066		
1,300.00	1,281.33	1,267.24	1,267.24	6.65	6.16	60.72	-2,667.77	-618.85	2,649.97	2,637.25	12.73	208.210		
1,400.00	1,377.14	1,364.30	1,364.30	7.13	6.51	61.25	-2,667.97	-618.82	2,635.83	2,622.29	13.55	194.583		
1,500.00	1,472.96	1,460.97	1,460.96	7.63	6.87	61.79	-2,668.12	-618.71	2,621.85	2,607.47	14.38	182.271		
1,600.00	1,568.78	1,558.12	1,558.11	8.14	7.24	62.33	-2,668.26	-618.62	2,608.09	2,592.85	15.24	171.110		
1,700.00	1,664.60	1,653.43	1,653.43	8.66	7.61	62.86	-2,668.39	-618.37	2,594.52	2,578.42	16.11	161.067		
1,800.00	1,760.41	1,748.90	1,748.89	9.19	7.98	63.41	-2,668.46	-618.49	2,581.27	2,564.28	16.99	151.944		
1,900.00	1,856.23	1,850.17	1,850.17	9.73	8.37	63.99	-2,668.54	-618.33	2,568.16	2,550.26	17.90	143.470		
2,000.00	1,952.05	1,943.06	1,943.06	10.27	8.74	64.53	-2,668.37	-618.34	2,555.14	2,536.35	18.79	135.974		
2,100.00	2,047.86	2,030.10	2,030.10	10.81	9.08	65.04	-2,668.50	-618.59	2,542.75	2,523.08	19.67	129.267		
2,200.00	2,143.68	2,129.86	2,129.85	11.36	9.48	65.64	-2,668.67	-618.99	2,530.69	2,510.09	20.61	122.817		
2,300.00	2,239.50	2,232.73	2,232.72	11.92	9.89	66.26	-2,668.54	-619.36	2,518.62	2,497.06	21.56	116.828		
2,400.00	2,335.32	2,331.84	2,331.83	12.47	10.29	66.87	-2,668.32	-619.57	2,506.70	2,484.20	22.50	111.394		
2,500.00	2,431.13	2,433.26	2,433.25	13.03	10.70	67.48	-2,667.97	-619.44	2,494.81	2,471.35	23.46	106.337		
2,600.00	2,526.95	2,528.90	2,528.89	13.59	11.09	68.07	-2,667.61	-619.21	2,483.13	2,458.73	24.40	101.753		
2,700.00	2,622.77	2,624.40	2,624.39	14.15	11.48	68.66	-2,667.22	-619.03	2,471.72	2,446.37	25.35	97.503		
2,800.00	2,718.59	2,716.11	2,716.10	14.72	11.86	69.23	-2,667.02	-618.68	2,460.68	2,434.39	26.29	93.605		
2,900.00	2,814.40	2,806.02	2,806.01	15.29	12.23	69.79	-2,667.02	-618.40	2,450.14	2,422.92	27.22	90.002		
3,000.00	2,910.22	2,906.05	2,906.04	15.85	12.64	70.42	-2,666.89	-618.41	2,439.92	2,411.72	28.20	86.522		
3,100.00	3,006.04	3,002.52	3,002.50	16.42	13.04	71.05	-2,666.58	-618.59	2,429.90	2,400.73	29.17	83.309		
3,200.00	3,101.85	3,092.18	3,092.17	16.99	13.41	71.63	-2,666.46	-618.63	2,420.28	2,390.17	30.11	80.374		
3,300.00	3,197.67	3,182.70	3,182.68	17.56	13.78	72.21	-2,666.59	-618.66	2,411.20	2,380.13	31.06	77.620		
3,400.00	3,293.49	3,276.75	3,276.74	18.14	14.17	72.83	-2,666.83	-618.80	2,402.57	2,370.54	32.03	75.005		
3,500.00	3,389.31	3,371.67	3,371.66	18.71	14.57	73.44	-2,667.26	-618.70	2,394.29	2,361.28	33.01	72.542		
3,600.00	3,485.12	3,465.18	3,465.16	19.28	14.96	74.05	-2,667.73	-618.63	2,386.38	2,352.40	33.98	70.237		
3,700.00	3,580.94	3,557.55	3,557.54	19.86	15.35	74.66	-2,668.30	-618.62	2,378.89	2,343.95	34.94	68.076		
3,800.00	3,676.76	3,650.74	3,650.72	20.43	15.74	75.27	-2,669.01	-618.66	2,371.87	2,335.95	35.92	66.035		
3,900.00	3,772.58	3,746.89	3,746.87	21.01	16.14	75.91	-2,669.79	-618.74	2,365.22	2,328.31	36.91	64.089		
4,000.00	3,868.39	3,844.58	3,844.56	21.58	16.55	76.56	-2,670.52	-618.78	2,358.82	2,320.92	37.90	62.238		
4,100.00	3,964.21	3,938.94	3,938.91	22.16	16.94	77.19	-2,671.27	-618.72	2,352.71	2,313.83	38.88	60.507		
4,200.00	4,060.03	4,031.25	4,031.21	22.74	17.33	77.81	-2,672.14	-618.73	2,347.08	2,307.22	39.86	58.883		
4,300.00	4,155.85	4,127.33	4,127.29	23.32	17.74	78.46	-2,673.15	-618.69	2,341.83	2,300.98	40.85	57.324		
4,400.00	4,251.66	4,223.95	4,223.90	23.89	18.14	79.10	-2,674.26	-618.44	2,336.86	2,295.01	41.85	55.841		
4,500.00	4,347.48	4,317.91	4,317.86	24.47	18.54	79.73	-2,675.40	-618.25	2,332.29	2,289.46	42.83	54.449		
4,600.00	4,443.30	4,417.06	4,417.00	25.05	18.96	80.41	-2,676.41	-618.19	2,327.96	2,284.12	43.84	53.098		
4,700.00	4,539.11	4,507.72	4,507.66	25.63	19.34	81.04	-2,677.10	-618.58	2,324.05	2,279.23	44.82	51.856		
4,800.00	4,634.93	4,606.30	4,606.23	26.21	19.76	81.73	-2,677.77	-619.17	2,320.52	2,274.70	45.83	50.638		
4,900.00	4,730.75	4,703.23	4,703.16	26.79	20.17	82.40	-2,678.50	-619.56	2,317.27	2,270.44	46.83	49.486		
5,000.00	4,826.57	4,809.03	4,808.96	27.37	20.61	83.13	-2,679.41	-619.42	2,314.13	2,266.26	47.86	48.347		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	4,922.38	4,904.47	4,904.39	27.95	21.02	83.78	-2,680.29	-618.96	2,311.14	2,262.28	48.86	47.301		
5,200.00	5,018.20	5,002.74	5,002.66	28.53	21.43	84.45	-2,681.07	-618.55	2,308.43	2,258.56	49.87	46.292		
5,300.00	5,114.02	5,101.66	5,101.58	29.11	21.85	85.14	-2,681.61	-618.25	2,305.95	2,255.07	50.88	45.324		
5,400.00	5,209.84	5,194.88	5,194.80	29.69	22.25	85.79	-2,682.03	-618.08	2,303.80	2,251.94	51.86	44.421		
5,500.00	5,305.65	5,291.42	5,291.33	30.27	22.66	86.47	-2,682.42	-618.00	2,302.05	2,249.19	52.86	43.547		
5,600.00	5,401.47	5,388.46	5,388.37	30.86	23.07	87.16	-2,682.73	-617.96	2,300.60	2,246.74	53.87	42.710		
5,700.00	5,497.29	5,480.89	5,480.80	31.44	23.46	87.81	-2,683.04	-617.96	2,299.54	2,244.69	54.85	41.926		
5,800.00	5,593.10	5,575.65	5,575.56	32.02	23.86	88.48	-2,683.43	-618.05	2,298.95	2,243.11	55.84	41.171		
5,889.83	5,679.17	5,659.65	5,659.56	32.54	24.22	89.08	-2,683.75	-618.22	2,298.76	2,242.03	56.72	40.525		
5,900.00	5,688.92	5,669.07	5,668.98	32.60	24.26	89.14	-2,683.78	-618.25	2,298.76	2,241.94	56.82	40.454		
6,000.00	5,784.74	5,761.73	5,761.64	33.18	24.65	89.80	-2,684.11	-618.63	2,299.06	2,241.25	57.81	39.772		
6,100.00	5,880.56	5,856.38	5,856.29	33.76	25.05	90.48	-2,684.40	-619.21	2,299.81	2,241.02	58.79	39.117		
6,200.00	5,976.37	5,950.76	5,950.66	34.35	25.45	91.17	-2,684.48	-620.01	2,300.95	2,241.17	59.78	38.490		
6,300.00	6,072.19	6,042.84	6,042.74	34.93	25.84	91.84	-2,684.31	-621.14	2,302.57	2,241.82	60.75	37.900		
6,400.00	6,168.01	6,136.02	6,135.91	35.51	26.24	92.53	-2,684.14	-622.50	2,304.72	2,242.99	61.73	37.335		
6,500.00	6,263.83	6,232.67	6,232.55	36.09	26.65	93.25	-2,683.80	-624.04	2,307.26	2,244.54	62.72	36.785		
6,600.00	6,359.64	6,327.89	6,327.74	36.68	27.05	93.96	-2,683.35	-625.58	2,310.13	2,246.42	63.71	36.262		
6,700.00	6,455.46	6,419.59	6,419.43	37.26	27.44	94.64	-2,682.90	-627.24	2,313.50	2,248.83	64.67	35.773		
6,733.48	6,487.54	6,451.19	6,451.02	37.45	27.57	94.87	-2,682.74	-627.84	2,314.74	2,249.75	65.00	35.612		
6,750.00	6,503.41	6,466.82	6,466.65	37.55	27.64	91.11	-2,682.65	-628.15	2,315.20	2,250.05	65.16	35.532		
6,800.00	6,551.83	6,515.74	6,515.56	37.82	27.85	76.44	-2,682.39	-629.10	2,314.58	2,248.95	65.63	35.267		
6,850.00	6,600.62	6,567.78	6,567.60	38.05	28.07	57.13	-2,682.08	-630.07	2,310.84	2,244.76	66.09	34.967		
6,900.00	6,649.47	6,619.78	6,619.59	38.25	28.29	36.58	-2,681.73	-630.98	2,303.97	2,237.46	66.51	34.643		
6,950.00	6,698.08	6,671.29	6,671.09	38.42	28.51	19.23	-2,681.38	-631.79	2,293.98	2,227.08	66.90	34.291		
7,000.00	6,746.15	6,723.37	6,723.16	38.57	28.73	6.38	-2,681.02	-632.53	2,280.91	2,213.64	67.27	33.908		
7,050.00	6,793.39	6,775.92	6,775.71	38.71	28.95	-2.99	-2,680.56	-633.21	2,264.79	2,197.16	67.63	33.488		
7,100.00	6,839.50	6,827.31	6,827.09	38.84	29.17	-10.13	-2,679.98	-633.82	2,245.73	2,177.75	67.98	33.036		
7,150.00	6,884.20	6,877.19	6,876.96	38.97	29.38	-15.95	-2,679.25	-634.39	2,223.85	2,155.53	68.32	32.551		
7,200.00	6,927.21	6,921.48	6,921.23	39.11	29.57	-21.03	-2,678.46	-634.91	2,199.32	2,130.68	68.64	32.044		
7,250.00	6,968.28	6,960.67	6,960.42	39.25	29.74	-25.72	-2,677.66	-635.48	2,172.42	2,103.48	68.93	31.514		
7,300.00	7,007.13	6,997.95	6,997.69	39.41	29.89	-30.29	-2,676.82	-636.13	2,143.35	2,074.12	69.23	30.959		
7,350.00	7,043.55	7,035.48	7,035.19	39.58	30.05	-34.96	-2,675.86	-636.88	2,112.31	2,042.77	69.54	30.374		
7,400.00	7,077.29	7,070.59	7,070.28	39.77	30.20	-39.83	-2,674.86	-637.65	2,079.51	2,009.65	69.86	29.767		
7,450.00	7,108.16	7,102.92	7,102.58	39.98	30.34	-44.99	-2,673.84	-638.41	2,045.20	1,975.02	70.18	29.143		
7,500.00	7,135.96	7,131.44	7,131.08	40.22	30.46	-50.45	-2,672.92	-639.11	2,009.67	1,939.17	70.50	28.504		
7,550.00	7,160.53	7,156.87	7,156.49	40.49	30.57	-56.20	-2,672.09	-639.73	1,973.21	1,902.37	70.84	27.854		
7,600.00	7,181.70	7,178.98	7,178.58	40.79	30.67	-62.16	-2,671.37	-640.27	1,936.14	1,864.95	71.19	27.198		
7,650.00	7,199.35	7,197.63	7,197.22	41.13	30.75	-68.20	-2,670.77	-640.73	1,898.77	1,827.22	71.55	26.538		
7,700.00	7,213.38	7,212.72	7,212.29	41.51	30.82	-74.13	-2,670.27	-641.09	1,861.42	1,789.49	71.92	25.880		
7,750.00	7,223.68	7,224.14	7,223.71	41.93	30.87	-79.77	-2,669.90	-641.37	1,824.42	1,752.10	72.32	25.228		
7,800.00	7,230.21	7,231.83	7,231.39	42.38	30.90	-84.98	-2,669.65	-641.56	1,788.10	1,715.37	72.73	24.585		
7,850.00	7,232.92	7,235.74	7,235.30	42.87	30.92	-89.64	-2,669.53	-641.66	1,752.79	1,679.63	73.16	23.958		
7,858.69	7,233.00	7,236.04	7,235.59	42.95	30.92	-90.39	-2,669.52	-641.66	1,746.77	1,673.54	73.24	23.851		
7,900.00	7,233.10	7,237.15	7,236.70	43.38	30.93	-90.44	-2,669.48	-641.69	1,718.55	1,644.93	73.62	23.345		
8,000.00	7,233.35	7,239.85	7,239.40	44.56	30.94	-90.56	-2,669.39	-641.76	1,652.51	1,577.84	74.67	22.131		
8,100.00	7,233.60	7,242.54	7,242.09	45.91	30.95	-90.68	-2,669.31	-641.82	1,590.01	1,514.09	75.92	20.944		
8,200.00	7,233.85	7,245.24	7,244.78	47.41	30.96	-90.81	-2,669.22	-641.89	1,531.49	1,454.12	77.37	19.795		
8,300.00	7,234.10	7,247.93	7,247.48	49.05	30.97	-90.93	-2,669.13	-641.95	1,477.42	1,398.40	79.02	18.696		
8,400.00	7,234.35	7,250.63	7,250.17	50.81	30.98	-91.05	-2,669.04	-642.02	1,428.31	1,347.44	80.88	17.660		
8,500.00	7,234.59	7,253.32	7,252.86	52.68	31.00	-91.17	-2,668.96	-642.08	1,384.69	1,301.79	82.90	16.703		
8,600.00	7,234.84	7,256.02	7,255.56	54.65	31.01	-91.29	-2,668.87	-642.15	1,347.08	1,262.02	85.06	15.836		
8,700.00	7,235.09	7,258.72	7,258.25	56.70	31.02	-91.42	-2,668.78	-642.22	1,316.02	1,228.70	87.31	15.072		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,235.34	7,261.41	7,260.94	58.82	31.03	-91.54	-2,668.69	-642.28	1,291.95	1,202.36	89.59	14.421		
8,900.00	7,235.59	7,264.11	7,263.64	61.01	31.04	-91.66	-2,668.60	-642.35	1,275.29	1,183.47	91.82	13.888		
9,000.00	7,235.84	7,266.80	7,266.33	63.25	31.05	-91.78	-2,668.52	-642.41	1,266.33	1,172.39	93.94	13.480		
9,064.00	7,236.00	7,268.53	7,268.06	64.72	31.06	-91.86	-2,668.46	-642.46	1,264.71	1,169.50	95.21	13.283 CC		
9,100.00	7,236.09	7,269.50	7,269.03	65.55	31.07	-91.90	-2,668.43	-642.48	1,265.22	1,169.34	95.88	13.195 ES		
9,200.00	7,236.34	7,272.19	7,271.72	67.89	31.08	-92.03	-2,668.34	-642.54	1,272.00	1,174.41	97.59	13.034		
9,300.00	7,236.58	7,274.89	7,274.41	70.27	31.09	-92.15	-2,668.25	-642.61	1,286.53	1,187.50	99.03	12.992 SF		
9,400.00	7,236.83	7,277.59	7,277.11	72.69	31.10	-92.27	-2,668.17	-642.68	1,308.55	1,208.38	100.18	13.063		
9,500.00	7,237.08	7,280.28	7,279.80	75.14	31.11	-92.39	-2,668.08	-642.74	1,337.70	1,236.66	101.04	13.239		
9,600.00	7,237.33	7,282.98	7,282.49	77.62	31.13	-92.51	-2,667.99	-642.81	1,373.53	1,271.89	101.64	13.514		
9,700.00	7,237.58	7,285.67	7,285.19	80.12	31.14	-92.64	-2,667.90	-642.87	1,415.52	1,313.53	101.99	13.879		
9,800.00	7,237.83	7,288.37	7,287.88	82.65	31.15	-92.76	-2,667.82	-642.94	1,463.15	1,361.01	102.13	14.326		
9,900.00	7,238.08	7,291.06	7,290.57	85.20	31.16	-92.88	-2,667.73	-643.01	1,515.88	1,413.77	102.11	14.846		
10,000.00	7,238.32	7,293.76	7,293.27	87.77	31.17	-93.00	-2,667.64	-643.07	1,573.20	1,471.26	101.94	15.433		
10,100.00	7,238.57	7,296.46	7,295.96	90.36	31.18	-93.12	-2,667.55	-643.14	1,634.63	1,532.97	101.66	16.079		
10,200.00	7,238.82	7,299.15	7,298.65	92.97	31.20	-93.25	-2,667.47	-643.20	1,699.72	1,598.42	101.30	16.779		
10,300.00	7,239.07	7,301.85	7,301.35	95.59	31.21	-93.37	-2,667.38	-643.27	1,768.07	1,667.19	100.89	17.526		
10,400.00	7,239.32	7,304.54	7,304.04	98.22	31.22	-93.49	-2,667.29	-643.33	1,839.32	1,738.89	100.43	18.315		
10,500.00	7,239.57	7,307.24	7,306.73	100.87	31.23	-93.61	-2,667.20	-643.40	1,913.14	1,813.19	99.95	19.141		
10,600.00	7,239.82	7,309.94	7,309.43	103.52	31.24	-93.73	-2,667.11	-643.47	1,989.24	1,889.78	99.46	20.001		
10,700.00	7,240.07	7,312.63	7,312.12	106.19	31.26	-93.86	-2,667.03	-643.53	2,067.38	1,968.42	98.96	20.891		
10,800.00	7,240.31	7,315.33	7,314.82	108.87	31.27	-93.98	-2,666.94	-643.60	2,147.32	2,048.86	98.46	21.808		
10,900.00	7,240.56	7,318.02	7,317.51	111.56	31.28	-94.10	-2,666.85	-643.66	2,228.89	2,130.91	97.98	22.749		
11,000.00	7,240.81	7,320.72	7,320.20	114.25	31.29	-94.22	-2,666.76	-643.73	2,311.90	2,214.39	97.50	23.711		
11,100.00	7,241.06	7,323.41	7,322.90	116.96	31.30	-94.34	-2,666.68	-643.79	2,396.20	2,299.15	97.04	24.692		
11,200.00	7,241.31	7,326.11	7,325.59	119.67	31.32	-94.47	-2,666.59	-643.86	2,481.67	2,385.06	96.60	25.690		
11,300.00	7,241.56	7,328.81	7,328.28	122.39	31.33	-94.59	-2,666.50	-643.93	2,568.18	2,472.01	96.18	26.703		
11,400.00	7,241.81	7,331.50	7,330.98	125.11	31.34	-94.71	-2,666.41	-643.99	2,655.64	2,559.87	95.77	27.730		
11,500.00	7,242.06	7,334.20	7,333.67	127.84	31.35	-94.83	-2,666.33	-644.06	2,743.95	2,648.58	95.38	28.770		
11,600.00	7,242.30	7,336.89	7,336.36	130.58	31.36	-94.95	-2,666.24	-644.12	2,833.04	2,738.04	95.00	29.821		
11,700.00	7,242.55	7,339.59	7,339.06	133.32	31.37	-95.08	-2,666.15	-644.19	2,922.83	2,828.18	94.65	30.881		
11,800.00	7,242.80	7,342.28	7,341.75	136.07	31.39	-95.20	-2,666.06	-644.26	3,013.26	2,918.95	94.31	31.951		
11,900.00	7,243.05	7,344.98	7,344.44	138.82	31.40	-95.32	-2,665.98	-644.32	3,104.28	3,010.29	93.99	33.029		
12,000.00	7,243.30	7,347.68	7,347.14	141.58	31.41	-95.44	-2,665.89	-644.39	3,195.83	3,102.15	93.68	34.114		
12,100.00	7,243.55	7,350.37	7,349.83	144.34	31.42	-95.56	-2,665.80	-644.45	3,287.87	3,194.48	93.39	35.206		
12,200.00	7,243.80	7,353.07	7,352.52	147.10	31.43	-95.68	-2,665.71	-644.52	3,380.36	3,287.25	93.11	36.304		
12,300.00	7,244.04	7,355.76	7,355.22	149.87	31.45	-95.80	-2,665.63	-644.58	3,473.27	3,380.42	92.85	37.407		
12,400.00	7,244.29	7,358.46	7,357.91	152.64	31.46	-95.93	-2,665.54	-644.65	3,566.55	3,473.95	92.60	38.515		
12,500.00	7,244.54	7,361.15	7,360.60	155.41	31.47	-96.05	-2,665.45	-644.72	3,660.19	3,567.83	92.36	39.628		
12,600.00	7,244.79	7,363.85	7,363.30	158.19	31.48	-96.17	-2,665.36	-644.78	3,754.16	3,662.02	92.14	40.744		
12,700.00	7,245.04	7,366.55	7,365.99	160.97	31.49	-96.29	-2,665.27	-644.85	3,848.42	3,756.50	91.93	41.863		
12,800.00	7,245.29	7,369.24	7,368.69	163.75	31.50	-96.41	-2,665.19	-644.91	3,942.97	3,851.25	91.73	42.986		
12,900.00	7,245.54	7,371.94	7,371.38	166.54	31.52	-96.53	-2,665.10	-644.98	4,037.78	3,946.25	91.54	44.112		
13,000.00	7,245.79	7,374.63	7,374.07	169.33	31.53	-96.65	-2,665.01	-645.04	4,132.83	4,041.48	91.35	45.239		
13,100.00	7,246.03	7,377.33	7,376.77	172.12	31.54	-96.78	-2,664.92	-645.11	4,228.11	4,136.93	91.18	46.369		
13,200.00	7,246.28	7,380.02	7,379.46	174.91	31.55	-96.90	-2,664.84	-645.18	4,323.60	4,232.58	91.02	47.501		
13,300.00	7,246.53	7,382.72	7,382.15	177.71	31.56	-97.02	-2,664.75	-645.24	4,419.29	4,328.42	90.87	48.635		
13,400.00	7,246.78	7,385.42	7,384.85	180.50	31.58	-97.14	-2,664.66	-645.31	4,515.16	4,424.44	90.72	49.770		
13,500.00	7,247.03	7,388.11	7,387.54	183.30	31.59	-97.26	-2,664.57	-645.37	4,611.21	4,520.63	90.58	50.906		
13,600.00	7,247.28	7,390.81	7,390.23	186.10	31.60	-97.38	-2,664.49	-645.44	4,707.42	4,616.97	90.45	52.043		
13,700.00	7,247.53	7,393.50	7,392.93	188.91	31.61	-97.50	-2,664.40	-645.51	4,803.79	4,713.46	90.33	53.180		
13,800.00	7,247.77	7,396.20	7,395.62	191.71	31.62	-97.62	-2,664.31	-645.57	4,900.29	4,810.08	90.21	54.319		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	7,398.89	7,398.31	194.52	31.63	-97.74	-2,664.22	-645.64	4,996.94	4,906.83	90.10	55.457		
14,000.00	7,248.27	7,401.59	7,401.01	197.32	31.65	-97.86	-2,664.14	-645.70	5,093.71	5,003.71	90.00	56.597		
14,100.00	7,248.52	7,404.29	7,403.70	200.13	31.66	-97.99	-2,664.05	-645.77	5,190.60	5,100.70	89.90	57.736		
14,200.00	7,248.77	7,406.98	7,406.39	202.94	31.67	-98.11	-2,663.96	-645.83	5,287.61	5,197.80	89.81	58.875		
14,300.00	7,249.02	7,409.68	7,409.09	205.76	31.68	-98.23	-2,663.87	-645.90	5,384.72	5,295.00	89.72	60.014		
14,400.00	7,249.27	7,412.37	7,411.78	208.57	31.69	-98.35	-2,663.79	-645.97	5,481.94	5,392.30	89.64	61.153		
14,500.00	7,249.52	7,415.07	7,414.48	211.38	31.71	-98.47	-2,663.70	-646.03	5,579.26	5,489.69	89.57	62.291		
14,600.00	7,249.76	7,417.77	7,417.17	214.20	31.72	-98.59	-2,663.61	-646.10	5,676.66	5,587.17	89.50	63.429		
14,700.00	7,250.01	7,420.46	7,419.86	217.02	31.73	-98.71	-2,663.52	-646.16	5,774.16	5,684.73	89.43	64.567		
14,800.00	7,250.26	7,423.16	7,422.56	219.84	31.74	-98.83	-2,663.43	-646.23	5,871.73	5,782.37	89.37	65.703		
14,900.00	7,250.51	7,425.85	7,425.25	222.65	31.75	-98.95	-2,663.35	-646.29	5,969.39	5,880.08	89.31	66.839		
15,000.00	7,250.76	7,428.55	7,427.94	225.48	31.77	-99.07	-2,663.26	-646.36	6,067.12	5,977.87	89.26	67.974		
15,100.00	7,251.01	7,431.24	7,430.64	228.30	31.78	-99.19	-2,663.17	-646.43	6,164.92	6,075.72	89.21	69.109		
15,200.00	7,251.26	7,433.94	7,433.33	231.12	31.79	-99.31	-2,663.08	-646.49	6,262.80	6,173.64	89.16	70.242		
15,300.00	7,251.50	7,436.64	7,436.02	233.94	31.80	-99.43	-2,663.00	-646.56	6,360.73	6,271.61	89.12	71.374		
15,400.00	7,251.75	7,439.33	7,438.72	236.77	31.81	-99.55	-2,662.91	-646.62	6,458.73	6,369.65	89.08	72.505		
15,500.00	7,252.00	7,442.03	7,441.41	239.59	31.82	-99.67	-2,662.82	-646.69	6,556.79	6,467.74	89.04	73.635		
15,600.00	7,252.25	7,444.72	7,444.10	242.42	31.84	-99.79	-2,662.73	-646.76	6,654.90	6,565.89	89.01	74.763		
15,700.00	7,252.50	7,447.42	7,446.80	245.24	31.85	-99.91	-2,662.65	-646.82	6,753.07	6,664.09	88.98	75.890		
15,800.00	7,252.75	7,450.11	7,449.49	248.07	31.86	-100.03	-2,662.56	-646.89	6,851.29	6,762.33	88.96	77.016		
15,900.00	7,253.00	7,452.81	7,452.18	250.90	31.87	-100.15	-2,662.47	-646.95	6,949.56	6,860.62	88.94	78.140		
16,000.00	7,253.25	7,455.51	7,454.88	253.73	31.88	-100.27	-2,662.38	-647.02	7,047.88	6,958.96	88.92	79.263		
16,100.00	7,253.49	7,458.20	7,457.57	256.56	31.90	-100.39	-2,662.30	-647.08	7,146.24	7,057.34	88.90	80.384		
16,200.00	7,253.74	7,460.90	7,460.27	259.39	31.91	-100.51	-2,662.21	-647.15	7,244.65	7,155.76	88.89	81.503		
16,300.00	7,253.99	7,463.59	7,462.96	262.22	31.92	-100.63	-2,662.12	-647.22	7,343.10	7,254.22	88.88	82.621		
16,400.00	7,254.24	7,466.29	7,465.65	265.05	31.93	-100.74	-2,662.03	-647.28	7,441.59	7,352.72	88.87	83.737		
16,500.00	7,254.49	7,468.98	7,468.35	267.88	31.94	-100.86	-2,661.95	-647.35	7,540.12	7,451.26	88.86	84.851		
16,600.00	7,254.74	7,471.68	7,471.04	270.72	31.96	-100.98	-2,661.86	-647.41	7,638.68	7,549.82	88.86	85.964		
16,700.00	7,254.99	7,474.38	7,473.73	273.55	31.97	-101.10	-2,661.77	-647.48	7,737.29	7,648.43	88.86	87.074		
16,800.00	7,255.24	7,477.07	7,476.43	276.38	31.98	-101.22	-2,661.68	-647.54	7,835.92	7,747.06	88.86	88.183		
16,900.00	7,255.48	7,479.77	7,479.12	279.22	31.99	-101.34	-2,661.59	-647.61	7,934.59	7,845.73	88.86	89.290		
17,000.00	7,255.73	7,482.46	7,481.81	282.05	32.00	-101.46	-2,661.51	-647.68	8,033.29	7,944.42	88.87	90.394		
17,100.00	7,255.98	7,485.16	7,484.51	284.89	32.01	-101.58	-2,661.42	-647.74	8,132.03	8,043.15	88.88	91.497		
17,200.00	7,256.23	7,487.85	7,487.20	287.73	32.03	-101.70	-2,661.33	-647.81	8,230.79	8,141.90	88.89	92.597		
17,300.00	7,256.48	7,490.55	7,489.89	290.56	32.04	-101.81	-2,661.24	-647.87	8,329.58	8,240.68	88.90	93.696		
17,400.00	7,256.73	7,493.25	7,492.59	293.40	32.05	-101.93	-2,661.16	-647.94	8,428.40	8,339.48	88.91	94.792		
17,500.00	7,256.98	7,495.94	7,495.28	296.24	32.06	-102.05	-2,661.07	-648.01	8,527.24	8,438.31	88.93	95.887		
17,600.00	7,257.22	7,498.64	7,497.97	299.07	32.07	-102.17	-2,660.98	-648.07	8,626.11	8,537.16	88.95	96.978		
17,700.00	7,257.47	7,501.33	7,500.67	301.91	32.09	-102.29	-2,660.89	-648.14	8,725.01	8,636.04	88.97	98.068		
17,800.00	7,257.72	7,504.03	7,503.36	304.75	32.10	-102.40	-2,660.81	-648.20	8,823.93	8,734.94	88.99	99.156		
17,900.00	7,257.97	7,506.72	7,506.06	307.59	32.11	-102.52	-2,660.72	-648.27	8,922.87	8,833.86	89.01	100.241		
18,000.00	7,258.22	7,509.42	7,508.75	310.43	32.12	-102.64	-2,660.63	-648.33	9,021.84	8,932.80	89.04	101.324		
18,100.00	7,258.47	7,512.12	7,511.44	313.27	32.13	-102.76	-2,660.54	-648.40	9,120.82	9,031.76	89.07	102.404		
18,200.00	7,258.72	7,514.81	7,514.14	316.11	32.15	-102.88	-2,660.46	-648.47	9,219.83	9,130.74	89.10	103.483		
18,300.00	7,258.97	7,517.51	7,516.83	318.95	32.16	-102.99	-2,660.37	-648.53	9,318.86	9,229.73	89.13	104.558		
18,400.00	7,259.21	7,520.20	7,519.52	321.79	32.17	-103.11	-2,660.28	-648.60	9,417.91	9,328.75	89.16	105.632		
18,500.00	7,259.46	7,522.90	7,522.22	324.63	32.18	-103.23	-2,660.19	-648.66	9,516.98	9,427.79	89.19	106.702		
18,600.00	7,259.71	7,525.59	7,524.91	327.48	32.19	-103.35	-2,660.11	-648.73	9,616.06	9,526.84	89.23	107.771		
18,700.00	7,259.96	7,528.29	7,527.60	330.32	32.20	-103.46	-2,660.02	-648.79	9,715.17	9,625.90	89.26	108.837		
18,800.00	7,260.21	7,530.99	7,530.30	333.16	32.22	-103.58	-2,659.93	-648.86	9,814.29	9,724.99	89.30	109.900		
18,900.00	7,260.46	7,533.68	7,532.99	336.00	32.23	-103.70	-2,659.84	-648.93	9,913.43	9,824.09	89.34	110.961		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-154.92	-3,735.53	-1,748.11	4,124.52					
100.00	100.00	60.00	60.00	3.28	3.44	-154.92	-3,735.53	-1,748.11	4,124.33	4,117.60	6.73	613.022		
200.00	200.00	160.00	160.00	3.34	5.05	-154.92	-3,735.53	-1,748.11	4,124.33	4,115.94	8.39	491.737		
300.00	300.00	260.00	260.00	3.44	8.03	-154.92	-3,735.53	-1,748.11	4,124.33	4,112.85	11.48	359.377		
400.00	399.98	359.98	359.98	3.60	11.31	68.71	-3,735.53	-1,748.11	4,123.69	4,108.79	14.90	276.679		
500.00	499.84	459.84	459.84	3.79	14.68	68.82	-3,735.53	-1,748.11	4,121.80	4,103.33	18.47	223.199		
600.00	599.45	559.45	559.45	4.03	18.08	68.99	-3,735.53	-1,748.11	4,118.65	4,096.54	22.11	186.307		
700.00	698.70	658.70	658.70	4.30	21.50	69.23	-3,735.53	-1,748.11	4,114.27	4,088.48	25.79	159.500		
800.00	797.47	757.47	757.47	4.60	24.91	69.53	-3,735.53	-1,748.11	4,108.70	4,079.19	29.51	139.210		
900.00	895.62	855.62	855.62	4.94	28.31	69.90	-3,735.53	-1,748.11	4,101.98	4,068.73	33.25	123.351		
1,000.00	993.06	953.06	953.06	5.32	31.70	70.34	-3,735.53	-1,748.11	4,094.15	4,057.15	37.01	110.630		
1,100.00	1,089.64	1,049.64	1,049.64	5.73	35.05	70.84	-3,735.53	-1,748.11	4,085.28	4,044.52	40.77	100.207		
1,131.50	1,119.87	1,079.87	1,079.87	5.87	36.10	71.01	-3,735.53	-1,748.11	4,082.28	4,040.33	41.95	97.304		
1,200.00	1,185.51	1,145.51	1,145.51	6.18	38.38	71.26	-3,735.53	-1,748.11	4,075.70	4,031.16	44.54	91.512		
1,300.00	1,281.33	1,241.33	1,241.33	6.65	41.72	71.63	-3,735.53	-1,748.11	4,066.24	4,017.91	48.33	84.137		
1,400.00	1,377.14	1,337.14	1,337.14	7.13	45.05	72.00	-3,735.53	-1,748.11	4,056.96	4,004.82	52.14	77.809		
1,500.00	1,472.96	1,432.96	1,432.96	7.63	48.39	72.37	-3,735.53	-1,748.11	4,047.86	3,991.89	55.97	72.327		
1,600.00	1,568.78	1,528.78	1,528.78	8.14	51.73	72.74	-3,735.53	-1,748.11	4,038.94	3,979.13	59.81	67.534		
1,700.00	1,664.60	1,624.60	1,624.60	8.66	55.07	73.12	-3,735.53	-1,748.11	4,030.20	3,966.55	63.66	63.312		
1,800.00	1,760.41	1,720.41	1,720.41	9.19	58.41	73.49	-3,735.53	-1,748.11	4,021.65	3,954.14	67.52	59.566		
1,900.00	1,856.23	1,816.23	1,816.23	9.73	61.75	73.87	-3,735.53	-1,748.11	4,013.29	3,941.90	71.38	56.222		
2,000.00	1,952.05	1,912.05	1,912.05	10.27	65.09	74.24	-3,735.53	-1,748.11	4,005.11	3,929.85	75.26	53.219		
2,100.00	2,047.86	2,007.86	2,007.86	10.81	68.43	74.62	-3,735.53	-1,748.11	3,997.12	3,917.98	79.14	50.508		
2,200.00	2,143.68	2,103.68	2,103.68	11.36	71.77	75.01	-3,735.53	-1,748.11	3,989.32	3,906.30	83.02	48.051		
2,300.00	2,239.50	2,200.50	2,199.50	11.92	75.15	75.39	-3,735.53	-1,748.11	3,981.71	3,894.76	86.95	45.794		
2,400.00	2,335.32	2,304.68	2,295.32	12.47	78.78	75.77	-3,735.53	-1,748.11	3,974.29	3,883.16	91.13	43.610		
2,500.00	2,431.13	2,408.87	2,391.13	13.03	82.41	76.16	-3,735.53	-1,748.11	3,967.07	3,871.75	95.32	41.617		
2,600.00	2,526.95	2,486.95	2,486.95	13.59	85.14	76.54	-3,735.53	-1,748.11	3,960.04	3,861.43	99.60	40.161		
2,700.00	2,622.77	2,582.77	2,582.77	14.15	88.48	76.93	-3,735.53	-1,748.11	3,953.20	3,850.69	102.51	38.565		
2,800.00	2,718.59	2,678.59	2,678.59	14.72	91.82	77.32	-3,735.53	-1,748.11	3,946.56	3,840.14	106.41	37.087		
2,900.00	2,814.40	2,774.40	2,774.40	15.29	95.17	77.71	-3,735.53	-1,748.11	3,940.11	3,829.79	110.32	35.715		
3,000.00	2,910.22	2,870.22	2,870.22	15.85	98.51	78.10	-3,735.53	-1,748.11	3,933.87	3,819.63	114.23	34.437		
3,100.00	3,006.04	2,966.04	2,966.04	16.42	101.85	78.49	-3,735.53	-1,748.11	3,927.82	3,809.67	118.14	33.246		
3,200.00	3,101.85	3,061.85	3,061.85	16.99	105.20	78.88	-3,735.53	-1,748.11	3,921.97	3,799.91	122.06	32.132		
3,300.00	3,197.67	3,157.67	3,157.67	17.56	108.54	79.28	-3,735.53	-1,748.11	3,916.32	3,790.35	125.97	31.088		
3,400.00	3,293.49	3,253.49	3,253.49	18.14	111.88	79.67	-3,735.53	-1,748.11	3,910.87	3,780.98	129.89	30.109		
3,500.00	3,389.31	3,349.31	3,349.31	18.71	115.23	80.07	-3,735.53	-1,748.11	3,905.63	3,771.82	133.81	29.188		
3,600.00	3,485.12	3,445.12	3,445.12	19.28	118.57	80.47	-3,735.53	-1,748.11	3,900.59	3,762.86	137.73	28.320		
3,700.00	3,580.94	3,540.94	3,540.94	19.86	121.91	80.87	-3,735.53	-1,748.11	3,895.75	3,754.10	141.65	27.502		
3,800.00	3,676.76	3,636.76	3,636.76	20.43	125.26	81.26	-3,735.53	-1,748.11	3,891.11	3,745.54	145.57	26.729		
3,900.00	3,772.58	3,732.58	3,732.58	21.01	128.60	81.66	-3,735.53	-1,748.11	3,886.69	3,737.19	149.50	25.998		
4,000.00	3,868.39	3,828.39	3,828.39	21.58	131.94	82.07	-3,735.53	-1,748.11	3,882.46	3,729.04	153.42	25.306		
4,100.00	3,964.21	3,924.21	3,924.21	22.16	135.29	82.47	-3,735.53	-1,748.11	3,878.45	3,721.10	157.35	24.649		
4,200.00	4,060.03	4,020.03	4,020.03	22.74	138.63	82.87	-3,735.53	-1,748.11	3,874.64	3,713.36	161.27	24.025		
4,300.00	4,155.85	4,115.85	4,115.85	23.32	141.98	83.27	-3,735.53	-1,748.11	3,871.04	3,705.84	165.20	23.433		
4,400.00	4,251.66	4,211.66	4,211.66	23.89	145.32	83.68	-3,735.53	-1,748.11	3,867.64	3,698.52	169.13	22.868		
4,500.00	4,347.48	4,307.48	4,307.48	24.47	148.67	84.08	-3,735.53	-1,748.11	3,864.46	3,691.41	173.05	22.331		
4,600.00	4,443.30	4,403.30	4,403.30	25.05	152.01	84.48	-3,735.53	-1,748.11	3,861.49	3,684.50	176.98	21.818		
4,700.00	4,539.11	4,500.89	4,499.11	25.63	155.42	84.89	-3,735.53	-1,748.11	3,858.72	3,677.75	180.97	21.322		
4,800.00	4,634.93	4,605.07	4,594.93	26.21	159.05	85.30	-3,735.53	-1,748.11	3,856.17	3,670.97	185.19	20.822		
4,900.00	4,730.75	4,709.25	4,690.75	26.79	162.69	85.70	-3,735.53	-1,748.11	3,853.82	3,664.41	189.42	20.346		
5,000.00	4,826.57	4,786.57	4,786.57	27.37	165.39	86.11	-3,735.53	-1,748.11	3,851.69	3,658.99	192.70	19.988		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,882.38	4,882.38	27.95	168.73	86.52	-3,735.53	-1,748.11	3,849.77	3,653.14	196.63	19.579		
5,200.00	5,018.20	4,978.20	4,978.20	28.53	172.08	86.92	-3,735.53	-1,748.11	3,848.06	3,647.51	200.56	19.187		
5,300.00	5,114.02	5,074.02	5,074.02	29.11	175.42	87.33	-3,735.53	-1,748.11	3,846.57	3,642.08	204.49	18.811		
5,400.00	5,209.84	5,169.84	5,169.84	29.69	178.76	87.74	-3,735.53	-1,748.11	3,845.28	3,636.86	208.42	18.450		
5,500.00	5,305.65	5,265.65	5,265.65	30.27	182.11	88.15	-3,735.53	-1,748.11	3,844.21	3,631.86	212.35	18.103		
5,600.00	5,401.47	5,361.47	5,361.47	30.86	185.45	88.56	-3,735.53	-1,748.11	3,843.36	3,627.07	216.28	17.770		
5,700.00	5,497.29	5,457.29	5,457.29	31.44	188.80	88.97	-3,735.53	-1,748.11	3,842.71	3,622.50	220.21	17.450		
5,800.00	5,593.10	5,553.10	5,553.10	32.02	192.14	89.38	-3,735.53	-1,748.11	3,842.28	3,618.14	224.14	17.142		
5,900.00	5,688.92	5,648.92	5,648.92	32.60	195.49	89.78	-3,735.53	-1,748.11	3,842.06	3,613.99	228.07	16.846		
5,952.79	5,739.50	5,700.50	5,699.50	32.91	197.29	90.00	-3,735.53	-1,748.11	3,842.03	3,611.85	230.18	16.691		
6,000.00	5,784.74	5,744.74	5,744.74	33.18	198.83	90.19	-3,735.53	-1,748.11	3,842.05	3,610.05	232.00	16.560		
6,100.00	5,880.56	5,840.56	5,840.56	33.76	202.18	90.60	-3,735.53	-1,748.11	3,842.26	3,606.33	235.93	16.286		
6,200.00	5,976.37	5,936.37	5,936.37	34.35	205.52	91.01	-3,735.53	-1,748.11	3,842.68	3,602.82	239.86	16.020		
6,300.00	6,072.19	6,032.19	6,032.19	34.93	208.86	91.42	-3,735.53	-1,748.11	3,843.31	3,599.52	243.79	15.765		
6,400.00	6,168.01	6,128.01	6,128.01	35.51	212.21	91.83	-3,735.53	-1,748.11	3,844.16	3,596.44	247.72	15.518		
6,500.00	6,263.83	6,223.83	6,223.83	36.09	215.55	92.24	-3,735.53	-1,748.11	3,845.22	3,593.57	251.65	15.280		
6,600.00	6,359.64	6,319.64	6,319.64	36.68	218.90	92.64	-3,735.53	-1,748.11	3,846.49	3,590.92	255.57	15.050		
6,700.00	6,455.46	6,415.46	6,415.46	37.26	222.24	93.05	-3,735.53	-1,748.11	3,847.98	3,588.47	259.50	14.828		
6,733.48	6,487.54	6,447.54	6,447.54	37.45	223.36	93.19	-3,735.53	-1,748.11	3,848.52	3,587.70	260.82	14.756		
6,750.00	6,503.41	6,463.41	6,463.41	37.55	223.92	89.36	-3,735.53	-1,748.11	3,848.63	3,587.17	261.47	14.719		
6,800.00	6,551.83	6,511.83	6,511.83	37.82	225.61	74.49	-3,735.53	-1,748.11	3,846.97	3,583.55	263.42	14.604		
6,850.00	6,600.62	6,560.62	6,560.62	38.05	227.31	54.98	-3,735.53	-1,748.11	3,842.31	3,576.96	265.36	14.480		
6,900.00	6,649.47	6,609.47	6,609.47	38.25	229.02	34.25	-3,735.53	-1,748.11	3,834.66	3,567.40	267.26	14.348		
6,950.00	6,698.08	6,658.08	6,658.08	38.42	230.71	16.75	-3,735.53	-1,748.11	3,824.04	3,554.92	269.13	14.209		
7,000.00	6,746.15	6,706.15	6,706.15	38.57	232.39	3.76	-3,735.53	-1,748.11	3,810.52	3,539.57	270.96	14.063		
7,050.00	6,793.39	6,753.39	6,753.39	38.71	234.04	-5.71	-3,735.53	-1,748.11	3,794.18	3,521.43	272.74	13.911		
7,100.00	6,839.50	6,800.50	6,799.50	38.84	235.68	-12.93	-3,735.53	-1,748.11	3,775.10	3,500.58	274.52	13.752		
7,150.00	6,884.20	6,844.20	6,844.20	38.97	237.21	-18.78	-3,735.53	-1,748.11	3,753.43	3,477.25	276.18	13.591		
7,200.00	6,927.21	6,887.21	6,887.21	39.11	238.71	-23.87	-3,735.53	-1,748.11	3,729.30	3,451.49	277.81	13.424		
7,250.00	6,968.28	6,928.28	6,928.28	39.25	240.14	-28.54	-3,735.53	-1,748.11	3,702.88	3,423.50	279.38	13.254		
7,300.00	7,007.13	6,967.13	6,967.13	39.41	241.50	-33.06	-3,735.53	-1,748.11	3,674.35	3,393.47	280.88	13.081		
7,350.00	7,043.55	7,003.55	7,003.55	39.58	242.77	-37.59	-3,735.53	-1,748.11	3,643.92	3,361.61	282.31	12.907		
7,400.00	7,077.29	7,037.29	7,037.29	39.77	243.95	-42.25	-3,735.53	-1,748.11	3,611.80	3,328.14	283.66	12.733		
7,450.00	7,108.16	7,068.16	7,068.16	39.98	245.03	-47.10	-3,735.53	-1,748.11	3,578.24	3,293.32	284.92	12.559		
7,500.00	7,135.96	7,104.04	7,095.96	40.22	246.28	-52.18	-3,735.53	-1,748.11	3,543.47	3,257.09	286.38	12.373		
7,550.00	7,160.53	7,120.53	7,120.53	40.49	246.85	-57.49	-3,735.53	-1,748.11	3,507.75	3,220.57	287.18	12.215		
7,600.00	7,181.70	7,141.70	7,141.70	40.79	247.59	-62.96	-3,735.53	-1,748.11	3,471.35	3,183.19	288.16	12.046		
7,650.00	7,199.35	7,159.35	7,159.35	41.13	248.21	-68.51	-3,735.53	-1,748.11	3,434.54	3,145.49	289.05	11.882		
7,700.00	7,213.38	7,173.38	7,173.38	41.51	248.70	-74.03	-3,735.53	-1,748.11	3,397.59	3,107.75	289.84	11.722		
7,750.00	7,223.68	7,183.68	7,183.68	41.93	249.06	-79.37	-3,735.53	-1,748.11	3,360.77	3,070.25	290.52	11.568		
7,800.00	7,230.21	7,209.79	7,190.21	42.38	249.97	-84.43	-3,735.53	-1,748.11	3,324.35	3,032.57	291.78	11.393		
7,850.00	7,232.92	7,207.08	7,192.92	42.87	249.88	-89.09	-3,735.53	-1,748.11	3,288.60	2,996.55	292.06	11.260		
7,858.69	7,233.00	7,207.00	7,193.00	42.95	249.87	-89.86	-3,735.53	-1,748.11	3,282.47	2,990.35	292.12	11.237		
7,900.00	7,233.10	7,206.90	7,193.10	43.38	249.87	-89.86	-3,735.53	-1,748.11	3,253.55	2,961.10	292.45	11.125		
8,000.00	7,233.35	7,206.65	7,193.35	44.56	249.86	-89.87	-3,735.53	-1,748.11	3,184.68	2,891.33	293.35	10.856		
8,100.00	7,233.60	7,206.40	7,193.60	45.91	249.85	-89.87	-3,735.53	-1,748.11	3,117.48	2,823.09	294.39	10.590		
8,200.00	7,233.85	7,206.15	7,193.85	47.41	249.84	-89.88	-3,735.53	-1,748.11	3,052.09	2,756.50	295.59	10.326		
8,300.00	7,234.10	7,205.90	7,194.10	49.05	249.83	-89.89	-3,735.53	-1,748.11	2,988.61	2,691.68	296.93	10.065		
8,400.00	7,234.35	7,205.65	7,194.35	50.81	249.83	-89.89	-3,735.53	-1,748.11	2,927.17	2,628.74	298.43	9.808		
8,500.00	7,234.59	7,205.41	7,194.59	52.68	249.82	-89.90	-3,735.53	-1,748.11	2,867.90	2,567.81	300.09	9.557		
8,600.00	7,234.84	7,205.16	7,194.84	54.65	249.81	-89.90	-3,735.53	-1,748.11	2,810.94	2,509.05	301.90	9.311		
8,700.00	7,235.09	7,204.91	7,195.09	56.70	249.80	-89.91	-3,735.53	-1,748.11	2,756.44	2,452.58	303.86	9.071		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.34	7,204.66	7,195.34	58.82	249.79	-89.92	-3,735.53	-1,748.11	2,704.53	2,398.57	305.96	8.840		
8,900.00	7,235.59	7,204.41	7,195.59	61.01	249.78	-89.92	-3,735.53	-1,748.11	2,655.38	2,347.18	308.20	8.616		
9,000.00	7,235.84	7,204.16	7,195.84	63.25	249.77	-89.93	-3,735.53	-1,748.11	2,609.13	2,298.57	310.56	8.401		
9,100.00	7,236.09	7,203.91	7,196.09	65.55	249.77	-89.93	-3,735.53	-1,748.11	2,565.95	2,252.92	313.04	8.197		
9,200.00	7,236.34	7,203.66	7,196.34	67.89	249.76	-89.94	-3,735.53	-1,748.11	2,526.00	2,210.39	315.61	8.004		
9,300.00	7,236.58	7,203.42	7,196.58	70.27	249.75	-89.95	-3,735.53	-1,748.11	2,489.42	2,171.15	318.27	7.822		
9,400.00	7,236.83	7,203.17	7,196.83	72.69	249.74	-89.95	-3,735.53	-1,748.11	2,456.37	2,135.38	320.99	7.652		
9,500.00	7,237.08	7,202.92	7,197.08	75.14	249.73	-89.96	-3,735.53	-1,748.11	2,426.99	2,103.24	323.76	7.496		
9,600.00	7,237.33	7,202.67	7,197.33	77.62	249.72	-89.97	-3,735.53	-1,748.11	2,401.42	2,074.88	326.54	7.354		
9,700.00	7,237.58	7,202.42	7,197.58	80.12	249.71	-89.97	-3,735.53	-1,748.11	2,379.78	2,050.45	329.33	7.226		
9,800.00	7,237.83	7,202.17	7,197.83	82.65	249.70	-89.98	-3,735.53	-1,748.11	2,362.18	2,030.09	332.09	7.113		
9,900.00	7,238.08	7,201.92	7,198.08	85.20	249.70	-89.98	-3,735.53	-1,748.11	2,348.71	2,013.90	334.81	7.015		
10,000.00	7,238.32	7,201.68	7,198.32	87.77	249.69	-89.99	-3,735.53	-1,748.11	2,339.44	2,001.99	337.45	6.933		
10,100.00	7,238.57	7,201.43	7,198.57	90.36	249.68	-90.00	-3,735.53	-1,748.11	2,334.42	1,994.41	340.01	6.866		
10,167.30	7,238.74	7,201.26	7,198.74	92.11	249.67	-90.00	-3,735.53	-1,748.11	2,333.45	1,991.78	341.67	6.830 CC		
10,200.00	7,238.82	7,201.18	7,198.82	92.97	249.67	-90.00	-3,735.53	-1,748.11	2,333.68	1,991.23	342.46	6.815 ES		
10,300.00	7,239.07	7,200.93	7,199.07	95.59	249.66	-90.01	-3,735.53	-1,748.11	2,337.22	1,992.45	344.77	6.779		
10,400.00	7,239.32	7,200.68	7,199.32	98.22	249.65	-90.01	-3,735.53	-1,748.11	2,345.03	1,998.08	346.95	6.759		
10,500.00	7,239.57	7,200.43	7,199.57	100.87	249.64	-90.02	-3,735.53	-1,748.11	2,357.05	2,008.08	348.97	6.754 SF		
10,600.00	7,239.82	7,200.18	7,199.82	103.52	249.63	-90.03	-3,735.53	-1,748.11	2,373.23	2,022.41	350.82	6.765		
10,700.00	7,240.07	7,200.07	7,200.07	106.19	249.63	-90.03	-3,735.53	-1,748.11	2,393.48	2,040.97	352.52	6.790		
10,800.00	7,240.31	7,200.31	7,200.31	108.87	249.64	-90.04	-3,735.53	-1,748.11	2,417.71	2,063.65	354.05	6.829		
10,900.00	7,240.56	7,200.56	7,200.56	111.56	249.65	-90.04	-3,735.53	-1,748.11	2,445.78	2,090.36	355.42	6.881		
11,000.00	7,240.81	7,200.81	7,200.81	114.25	249.66	-90.05	-3,735.53	-1,748.11	2,477.58	2,120.95	356.62	6.947		
11,100.00	7,241.06	7,201.06	7,201.06	116.96	249.67	-90.06	-3,735.53	-1,748.11	2,512.95	2,155.29	357.66	7.026		
11,200.00	7,241.31	7,201.31	7,201.31	119.67	249.67	-90.06	-3,735.53	-1,748.11	2,551.76	2,193.21	358.55	7.117		
11,300.00	7,241.56	7,201.56	7,201.56	122.39	249.68	-90.07	-3,735.53	-1,748.11	2,593.84	2,234.55	359.29	7.219		
11,400.00	7,241.81	7,201.81	7,201.81	125.11	249.69	-90.08	-3,735.53	-1,748.11	2,639.04	2,279.14	359.90	7.333		
11,500.00	7,242.06	7,202.06	7,202.06	127.84	249.70	-90.08	-3,735.53	-1,748.11	2,687.21	2,326.83	360.38	7.457		
11,600.00	7,242.30	7,202.30	7,202.30	130.58	249.71	-90.09	-3,735.53	-1,748.11	2,738.18	2,377.43	360.75	7.590		
11,700.00	7,242.55	7,202.55	7,202.55	133.32	249.72	-90.09	-3,735.53	-1,748.11	2,791.80	2,430.79	361.01	7.733		
11,800.00	7,242.80	7,202.80	7,202.80	136.07	249.73	-90.10	-3,735.53	-1,748.11	2,847.93	2,486.75	361.18	7.885		
11,900.00	7,243.05	7,203.05	7,203.05	138.82	249.73	-90.11	-3,735.53	-1,748.11	2,906.41	2,545.15	361.26	8.045		
12,000.00	7,243.30	7,203.30	7,203.30	141.58	249.74	-90.11	-3,735.53	-1,748.11	2,967.11	2,605.85	361.27	8.213		
12,100.00	7,243.55	7,203.55	7,203.55	144.34	249.75	-90.12	-3,735.53	-1,748.11	3,029.90	2,668.69	361.21	8.388		
12,200.00	7,243.80	7,203.80	7,203.80	147.10	249.76	-90.12	-3,735.53	-1,748.11	3,094.65	2,733.55	361.10	8.570		
12,300.00	7,244.04	7,204.04	7,204.04	149.87	249.77	-90.13	-3,735.53	-1,748.11	3,161.23	2,800.30	360.93	8.758		
12,400.00	7,244.29	7,204.29	7,204.29	152.64	249.78	-90.14	-3,735.53	-1,748.11	3,229.54	2,868.81	360.73	8.953		
12,500.00	7,244.54	7,204.54	7,204.54	155.41	249.79	-90.14	-3,735.53	-1,748.11	3,299.46	2,938.98	360.48	9.153		
12,600.00	7,244.79	7,204.79	7,204.79	158.19	249.80	-90.15	-3,735.53	-1,748.11	3,370.90	3,010.70	360.20	9.358		
12,700.00	7,245.04	7,205.04	7,205.04	160.97	249.80	-90.15	-3,735.53	-1,748.11	3,443.77	3,083.86	359.90	9.569		
12,800.00	7,245.29	7,205.29	7,205.29	163.75	249.81	-90.16	-3,735.53	-1,748.11	3,517.96	3,158.39	359.58	9.784		
12,900.00	7,245.54	7,205.54	7,205.54	166.54	249.82	-90.17	-3,735.53	-1,748.11	3,593.41	3,234.18	359.24	10.003		
13,000.00	7,245.79	7,205.79	7,205.79	169.33	249.83	-90.17	-3,735.53	-1,748.11	3,670.03	3,311.15	358.88	10.226		
13,100.00	7,246.03	7,206.03	7,206.03	172.12	249.84	-90.18	-3,735.53	-1,748.11	3,747.76	3,389.24	358.51	10.454		
13,200.00	7,246.28	7,206.28	7,206.28	174.91	249.85	-90.19	-3,735.53	-1,748.11	3,826.51	3,468.38	358.14	10.685		
13,300.00	7,246.53	7,206.53	7,206.53	177.71	249.86	-90.19	-3,735.53	-1,748.11	3,906.24	3,548.49	357.75	10.919		
13,400.00	7,246.78	7,206.78	7,206.78	180.50	249.87	-90.20	-3,735.53	-1,748.11	3,986.89	3,629.52	357.37	11.156		
13,500.00	7,247.03	7,207.03	7,207.03	183.30	249.87	-90.20	-3,735.53	-1,748.11	4,068.39	3,711.41	356.98	11.397		
13,600.00	7,247.28	7,207.28	7,207.28	186.10	249.88	-90.21	-3,735.53	-1,748.11	4,150.71	3,794.12	356.59	11.640		
13,700.00	7,247.53	7,207.53	7,207.53	188.91	249.89	-90.22	-3,735.53	-1,748.11	4,233.78	3,877.58	356.20	11.886		
13,800.00	7,247.77	7,207.77	7,207.77	191.71	249.90	-90.22	-3,735.53	-1,748.11	4,317.57	3,961.76	355.81	12.134		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	7,208.02	7,208.02	194.52	249.91	-90.23	-3,735.53	-1,748.11	4,402.04	4,046.61	355.43	12.385		
14,000.00	7,248.27	7,208.27	7,208.27	197.32	249.92	-90.23	-3,735.53	-1,748.11	4,487.15	4,132.10	355.05	12.638		
14,100.00	7,248.52	7,208.52	7,208.52	200.13	249.93	-90.24	-3,735.53	-1,748.11	4,572.86	4,218.18	354.68	12.893		
14,200.00	7,248.77	7,208.77	7,208.77	202.94	249.93	-90.25	-3,735.53	-1,748.11	4,659.14	4,304.83	354.30	13.150		
14,300.00	7,249.02	7,209.02	7,209.02	205.76	249.94	-90.25	-3,735.53	-1,748.11	4,745.96	4,392.02	353.94	13.409		
14,400.00	7,249.27	7,209.27	7,209.27	208.57	249.95	-90.26	-3,735.53	-1,748.11	4,833.28	4,479.71	353.58	13.670		
14,500.00	7,249.52	7,209.52	7,209.52	211.38	249.96	-90.26	-3,735.53	-1,748.11	4,921.09	4,567.87	353.23	13.932		
14,600.00	7,249.76	7,209.76	7,209.76	214.20	249.97	-90.27	-3,735.53	-1,748.11	5,009.36	4,656.48	352.88	14.196		
14,700.00	7,250.01	7,210.01	7,210.01	217.02	249.98	-90.28	-3,735.53	-1,748.11	5,098.06	4,745.52	352.54	14.461		
14,800.00	7,250.26	7,210.26	7,210.26	219.84	249.99	-90.28	-3,735.53	-1,748.11	5,187.17	4,834.97	352.21	14.728		
14,900.00	7,250.51	7,210.51	7,210.51	222.65	250.00	-90.29	-3,735.53	-1,748.11	5,276.68	4,924.80	351.88	14.996		
15,000.00	7,250.76	7,210.76	7,210.76	225.48	250.00	-90.30	-3,735.53	-1,748.11	5,366.55	5,014.99	351.56	15.265		
15,100.00	7,251.01	7,211.01	7,211.01	228.30	250.01	-90.30	-3,735.53	-1,748.11	5,456.77	5,105.53	351.25	15.535		
15,200.00	7,251.26	7,211.26	7,211.26	231.12	250.02	-90.31	-3,735.53	-1,748.11	5,547.33	5,196.39	350.94	15.807		
15,300.00	7,251.50	7,211.50	7,211.50	233.94	250.03	-90.31	-3,735.53	-1,748.11	5,638.21	5,287.57	350.64	16.080		
15,400.00	7,251.75	7,211.75	7,211.75	236.77	250.04	-90.32	-3,735.53	-1,748.11	5,729.40	5,379.05	350.35	16.353		
15,500.00	7,252.00	7,212.00	7,212.00	239.59	250.05	-90.33	-3,735.53	-1,748.11	5,820.87	5,470.80	350.07	16.628		
15,600.00	7,252.25	7,212.25	7,212.25	242.42	250.06	-90.33	-3,735.53	-1,748.11	5,912.62	5,562.83	349.79	16.903		
15,700.00	7,252.50	7,212.50	7,212.50	245.24	250.06	-90.34	-3,735.53	-1,748.11	6,004.63	5,655.11	349.52	17.180		
15,800.00	7,252.75	7,212.75	7,212.75	248.07	250.07	-90.34	-3,735.53	-1,748.11	6,096.89	5,747.64	349.25	17.457		
15,900.00	7,253.00	7,213.00	7,213.00	250.90	250.08	-90.35	-3,735.53	-1,748.11	6,189.40	5,840.40	348.99	17.735		
16,000.00	7,253.25	7,213.25	7,213.25	253.73	250.09	-90.36	-3,735.53	-1,748.11	6,282.13	5,933.39	348.74	18.014		
16,100.00	7,253.49	7,213.49	7,213.49	256.56	250.10	-90.36	-3,735.53	-1,748.11	6,375.09	6,026.59	348.50	18.293		
16,200.00	7,253.74	7,213.74	7,213.74	259.39	250.11	-90.37	-3,735.53	-1,748.11	6,468.25	6,119.99	348.26	18.573		
16,300.00	7,253.99	7,213.99	7,213.99	262.22	250.12	-90.37	-3,735.53	-1,748.11	6,561.61	6,213.59	348.03	18.854		
16,400.00	7,254.24	7,214.24	7,214.24	265.05	250.13	-90.38	-3,735.53	-1,748.11	6,655.17	6,307.37	347.80	19.135		
16,500.00	7,254.49	7,214.49	7,214.49	267.88	250.13	-90.39	-3,735.53	-1,748.11	6,748.91	6,401.34	347.58	19.417		
16,600.00	7,254.74	7,214.74	7,214.74	270.72	250.14	-90.39	-3,735.53	-1,748.11	6,842.83	6,495.47	347.36	19.699		
16,700.00	7,254.99	7,214.99	7,214.99	273.55	250.15	-90.40	-3,735.53	-1,748.11	6,936.92	6,589.77	347.16	19.982		
16,800.00	7,255.24	7,215.24	7,215.24	276.38	250.16	-90.40	-3,735.53	-1,748.11	7,031.18	6,684.22	346.95	20.266		
16,900.00	7,255.48	7,215.48	7,215.48	279.22	250.17	-90.41	-3,735.53	-1,748.11	7,125.59	6,778.83	346.75	20.549		
17,000.00	7,255.73	7,215.73	7,215.73	282.05	250.18	-90.42	-3,735.53	-1,748.11	7,220.15	6,873.58	346.56	20.834		
17,100.00	7,255.98	7,215.98	7,215.98	284.89	250.19	-90.42	-3,735.53	-1,748.11	7,314.85	6,968.48	346.37	21.118		
17,200.00	7,256.23	7,216.23	7,216.23	287.73	250.20	-90.43	-3,735.53	-1,748.11	7,409.69	7,063.50	346.19	21.403		
17,300.00	7,256.48	7,216.48	7,216.48	290.56	250.20	-90.44	-3,735.53	-1,748.11	7,504.67	7,158.66	346.01	21.689		
17,400.00	7,256.73	7,216.73	7,216.73	293.40	250.21	-90.44	-3,735.53	-1,748.11	7,599.78	7,253.94	345.84	21.975		
17,500.00	7,256.98	7,216.98	7,216.98	296.24	250.22	-90.45	-3,735.53	-1,748.11	7,695.01	7,349.33	345.67	22.261		
17,600.00	7,257.22	7,217.22	7,217.22	299.07	250.23	-90.45	-3,735.53	-1,748.11	7,790.36	7,444.85	345.51	22.547		
17,700.00	7,257.47	7,217.47	7,217.47	301.91	250.24	-90.46	-3,735.53	-1,748.11	7,885.82	7,540.47	345.35	22.834		
17,800.00	7,257.72	7,217.72	7,217.72	304.75	250.25	-90.47	-3,735.53	-1,748.11	7,981.40	7,636.20	345.20	23.121		
17,900.00	7,257.97	7,217.97	7,217.97	307.59	250.26	-90.47	-3,735.53	-1,748.11	8,077.08	7,732.03	345.05	23.408		
18,000.00	7,258.22	7,218.22	7,218.22	310.43	250.26	-90.48	-3,735.53	-1,748.11	8,172.87	7,827.96	344.91	23.696		
18,100.00	7,258.47	7,218.47	7,218.47	313.27	250.27	-90.48	-3,735.53	-1,748.11	8,268.76	7,923.99	344.77	23.984		
18,200.00	7,258.72	7,218.72	7,218.72	316.11	250.28	-90.49	-3,735.53	-1,748.11	8,364.74	8,020.11	344.63	24.272		
18,300.00	7,258.97	7,218.97	7,218.97	318.95	250.29	-90.50	-3,735.53	-1,748.11	8,460.82	8,116.32	344.50	24.560		
18,400.00	7,259.21	7,219.21	7,219.21	321.79	250.30	-90.50	-3,735.53	-1,748.11	8,556.98	8,212.61	344.37	24.848		
18,500.00	7,259.46	7,219.46	7,219.46	324.63	250.31	-90.51	-3,735.53	-1,748.11	8,653.23	8,308.99	344.24	25.137		
18,600.00	7,259.71	7,219.71	7,219.71	327.48	250.32	-90.51	-3,735.53	-1,748.11	8,749.57	8,405.45	344.12	25.426		
18,700.00	7,259.96	7,219.96	7,219.96	330.32	250.33	-90.52	-3,735.53	-1,748.11	8,845.99	8,501.99	344.00	25.715		
18,800.00	7,260.21	7,220.21	7,220.21	333.16	250.33	-90.53	-3,735.53	-1,748.11	8,942.49	8,598.60	343.89	26.004		
18,900.00	7,260.46	7,220.46	7,220.46	336.00	250.34	-90.53	-3,735.53	-1,748.11	9,039.06	8,695.28	343.78	26.293		
19,000.00	7,260.71	7,220.71	7,220.71	338.85	250.35	-90.54	-3,735.53	-1,748.11	9,135.71	8,792.03	343.67	26.583		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - CARLSON #14-2(SI) - OH - OH												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma												<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,100.00	7,260.95	7,220.95	7,220.95	341.69	250.36	-90.55	-3,735.53	-1,748.11	9,232.42	8,888.85	343.57	26.872	
19,118.22	7,261.00	7,221.00	7,221.00	342.21	250.36	-90.55	-3,735.53	-1,748.11	9,250.05	8,906.50	343.55	26.925	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	138.97	-582.52	506.99	772.32					
100.00	100.00	93.66	93.66	3.28	0.21	138.99	-582.55	506.52	771.97	768.48	3.49	221.049		
200.00	200.00	198.87	198.86	3.34	0.44	139.09	-582.66	504.88	771.03	767.26	3.78	204.099		
300.00	300.00	304.03	303.98	3.44	0.68	139.26	-582.85	502.07	769.42	765.30	4.12	186.710		
400.00	399.98	413.68	413.56	3.60	1.08	3.05	-582.37	498.45	765.21	760.53	4.68	163.469		
500.00	499.84	518.08	517.90	3.79	1.53	3.09	-579.60	495.89	756.37	751.04	5.33	141.802		
600.00	599.45	620.34	620.06	4.03	1.97	3.09	-575.95	493.79	743.65	737.63	6.01	123.637		
700.00	698.70	721.93	721.55	4.30	2.41	3.03	-571.44	492.10	727.07	720.34	6.73	108.095		
800.00	797.47	822.69	822.16	4.60	2.85	2.91	-566.11	490.80	706.67	699.21	7.46	94.702		
900.00	895.62	920.77	920.06	4.94	3.28	2.77	-560.47	489.77	682.69	674.48	8.21	83.147		
1,000.00	993.06	1,020.72	1,019.82	5.32	3.72	2.64	-554.48	488.19	654.84	645.85	8.99	72.831		
1,100.00	1,089.64	1,122.63	1,121.55	5.73	4.17	2.71	-549.39	484.87	623.35	613.55	9.80	63.610		
1,131.50	1,119.87	1,160.98	1,159.79	5.87	4.34	2.78	-547.23	482.91	612.24	602.15	10.09	60.670		
1,200.00	1,185.51	1,239.77	1,238.21	6.18	4.69	2.93	-541.67	477.73	586.41	575.72	10.68	54.887		
1,300.00	1,281.33	1,351.04	1,348.59	6.65	5.19	3.08	-530.86	468.83	545.99	534.46	11.52	47.377		
1,400.00	1,377.14	1,459.23	1,455.35	7.13	5.68	3.03	-516.41	459.01	502.39	490.05	12.34	40.711		
1,500.00	1,472.96	1,557.60	1,551.88	7.63	6.13	2.67	-499.80	450.02	456.34	443.22	13.12	34.784		
1,600.00	1,568.78	1,642.78	1,635.30	8.14	6.52	2.00	-483.91	443.27	409.81	395.93	13.89	29.513		
1,700.00	1,664.60	1,738.64	1,728.90	8.66	6.97	0.90	-464.70	435.65	362.38	347.72	14.66	24.719		
1,800.00	1,760.41	1,824.90	1,813.12	9.19	7.38	-0.21	-447.81	427.85	314.72	299.27	15.45	20.370		
1,900.00	1,856.23	1,910.87	1,897.22	9.73	7.78	-1.50	-431.82	419.80	267.62	251.36	16.26	16.459		
2,000.00	1,952.05	1,999.16	1,983.60	10.27	8.20	-3.63	-415.15	412.49	221.21	204.13	17.08	12.955		
2,100.00	2,047.86	2,087.34	2,069.73	10.81	8.62	-7.23	-397.56	405.57	174.82	156.90	17.92	9.756		
2,200.00	2,143.68	2,174.75	2,155.28	11.36	9.04	-12.68	-381.18	398.22	129.60	110.77	18.83	6.882		
2,300.00	2,239.50	2,262.37	2,241.07	11.92	9.46	-23.71	-364.71	391.53	86.98	67.04	19.94	4.363		
2,400.00	2,335.32	2,350.15	2,326.94	12.47	9.88	-50.83	-347.27	386.15	53.28	31.53	21.75	2.450		
2,459.56	2,392.38	2,403.19	2,378.89	12.80	10.13	-79.03	-337.04	383.09	45.83	22.92	22.92	2.000 CC, ES, SF		
2,500.00	2,431.13	2,439.18	2,414.20	13.03	10.30	-98.75	-330.36	380.99	49.37	26.25	23.11	2.136		
2,600.00	2,526.95	2,527.31	2,500.58	13.59	10.72	-129.87	-313.57	376.20	79.15	56.22	22.93	3.452		
2,700.00	2,622.77	2,614.07	2,585.35	14.15	11.14	-142.97	-295.68	371.74	120.88	97.63	23.24	5.201		
2,800.00	2,718.59	2,704.14	2,673.36	14.72	11.57	-149.74	-277.13	366.89	165.42	141.45	23.98	6.900		
2,900.00	2,814.40	2,789.37	2,756.59	15.29	11.98	-153.72	-259.63	361.41	211.27	186.65	24.62	8.582		
3,000.00	2,910.22	2,879.41	2,844.49	15.85	12.42	-156.66	-241.27	354.72	257.91	232.45	25.46	10.130		
3,100.00	3,006.04	2,967.56	2,930.64	16.42	12.85	-158.83	-224.03	347.58	304.47	278.21	26.26	11.594		
3,200.00	3,101.85	3,065.39	3,026.51	16.99	13.32	-160.75	-206.42	339.35	350.16	322.87	27.29	12.829		
3,300.00	3,197.67	3,163.14	3,122.79	17.56	13.79	-162.33	-191.43	331.55	393.72	365.43	28.29	13.919		
3,400.00	3,293.49	3,259.10	3,217.57	18.14	14.24	-163.47	-177.89	325.11	435.90	406.67	29.23	14.914		
3,500.00	3,389.31	3,361.00	3,318.49	18.71	14.70	-164.45	-165.11	319.28	476.48	446.23	30.25	15.751		
3,600.00	3,485.12	3,465.97	3,422.79	19.28	15.18	-165.37	-154.61	313.91	514.83	483.54	31.29	16.453		
3,700.00	3,580.94	3,570.26	3,526.67	19.86	15.64	-166.23	-146.69	309.15	551.06	518.77	32.29	17.064		
3,800.00	3,676.76	3,682.61	3,638.76	20.43	16.12	-166.89	-139.71	306.53	585.24	551.87	33.36	17.542		
3,900.00	3,772.58	3,790.52	3,746.58	21.01	16.58	-167.31	-135.38	307.01	616.22	581.87	34.35	17.938		
4,000.00	3,868.39	3,887.97	3,843.98	21.58	16.98	-167.63	-132.13	308.23	646.30	611.06	35.24	18.339		
4,100.00	3,964.21	3,985.84	3,941.80	22.16	17.39	-167.96	-129.34	309.20	676.14	640.01	36.13	18.712		
4,200.00	4,060.03	4,082.80	4,038.74	22.74	17.79	-168.38	-127.60	309.12	705.70	668.68	37.02	19.063		
4,300.00	4,155.85	4,180.21	4,136.15	23.32	18.20	-168.80	-126.30	308.77	735.07	697.15	37.91	19.389		
4,400.00	4,251.66	4,285.45	4,241.38	23.89	18.62	-169.31	-126.14	307.92	763.75	724.90	38.85	19.658		
4,500.00	4,347.48	4,383.01	4,338.91	24.47	19.00	-169.87	-127.46	306.12	791.84	752.12	39.72	19.936		
4,600.00	4,443.30	4,490.27	4,446.13	25.05	19.42	-170.45	-129.78	304.52	819.15	778.50	40.65	20.151		
4,700.00	4,539.11	4,592.81	4,548.61	25.63	19.82	-170.97	-133.28	303.72	845.13	803.59	41.54	20.344		
4,800.00	4,634.93	4,680.89	4,636.65	26.21	20.16	-171.36	-135.69	303.26	871.57	829.23	42.34	20.586		
4,900.00	4,730.75	4,770.84	4,726.60	26.79	20.52	-171.66	-136.79	303.27	898.93	855.79	43.15	20.835		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	4,867.94	4,823.69	27.37	20.90	-171.92	-137.39	303.81	926.49	882.48	44.01	21.053		
5,100.00	4,922.38	4,964.85	4,920.60	27.95	21.28	-172.15	-138.03	304.44	953.97	909.10	44.87	21.260		
5,200.00	5,018.20	5,062.24	5,017.98	28.53	21.67	-172.40	-138.99	304.82	981.37	935.63	45.74	21.456		
5,300.00	5,114.02	5,154.85	5,110.58	29.11	22.04	-172.63	-140.09	305.03	1,008.72	962.14	46.58	21.658		
5,400.00	5,209.84	5,239.05	5,194.78	29.69	22.38	-172.87	-140.78	304.32	1,036.98	989.63	47.35	21.899		
5,500.00	5,305.65	5,325.85	5,281.58	30.27	22.74	-173.06	-140.42	303.58	1,066.21	1,018.05	48.16	22.140		
5,600.00	5,401.47	5,416.32	5,372.04	30.86	23.13	-173.22	-139.28	302.93	1,096.01	1,047.01	49.00	22.368		
5,700.00	5,497.29	5,503.33	5,459.03	31.44	23.50	-173.41	-138.19	301.39	1,126.43	1,076.62	49.81	22.616		
5,800.00	5,593.10	5,632.92	5,588.60	32.02	24.04	-173.67	-137.69	300.00	1,155.81	1,104.82	50.99	22.668		
5,900.00	5,688.92	5,740.94	5,696.60	32.60	24.48	-173.88	-139.40	300.45	1,182.78	1,130.82	51.95	22.766		
6,000.00	5,784.74	5,831.52	5,787.17	33.18	24.84	-174.05	-140.81	300.53	1,210.02	1,157.23	52.78	22.925		
6,100.00	5,880.56	5,922.41	5,878.05	33.76	25.22	-174.13	-140.83	301.91	1,237.58	1,183.97	53.61	23.083		
6,200.00	5,976.37	6,011.59	5,967.22	34.35	25.58	-174.21	-140.55	302.82	1,265.70	1,211.26	54.44	23.251		
6,300.00	6,072.19	6,105.59	6,061.23	34.93	25.97	-174.31	-140.10	303.40	1,294.18	1,238.88	55.30	23.403		
6,400.00	6,168.01	6,206.08	6,161.72	35.51	26.39	-174.42	-140.05	303.69	1,322.54	1,266.32	56.21	23.527		
6,500.00	6,263.83	6,301.85	6,257.48	36.09	26.78	-174.55	-140.54	303.80	1,350.58	1,293.50	57.09	23.659		
6,600.00	6,359.64	6,392.95	6,348.58	36.68	27.15	-174.67	-140.85	303.62	1,378.95	1,321.02	57.92	23.806		
6,700.00	6,455.46	6,489.72	6,413.09	37.26	27.52	-174.77	-125.52	1,123.08	1,370.13	1,309.95	60.18	22.767		
6,733.48	6,487.54	6,537.68	6,438.36	37.45	27.64	-174.77	-125.29	1,131.04	1,357.81	1,296.58	61.23	22.176		
6,750.00	6,503.41	6,544.44	6,493.49	37.55	27.70	-147.87	-125.19	1,134.79	1,351.95	1,290.21	61.74	21.897		
6,800.00	6,551.83	6,592.23	6,538.81	37.82	27.14	-160.82	-124.96	1,143.57	1,335.02	1,271.78	63.24	21.111		
6,850.00	6,600.62	6,641.96	6,587.99	38.05	27.22	-178.52	-124.85	1,148.30	1,319.43	1,254.79	64.63	20.414		
6,900.00	6,649.47	6,691.44	6,637.01	38.25	27.23	162.42	-124.84	1,148.78	1,305.37	1,239.47	65.91	19.806		
6,950.00	6,698.08	6,740.49	6,683.86	38.42	27.16	146.44	-124.93	1,144.84	1,293.00	1,225.95	67.04	19.286		
7,000.00	6,746.15	6,788.94	6,733.55	38.57	27.03	134.84	-125.15	1,136.29	1,282.38	1,214.36	68.02	18.852		
7,050.00	6,793.39	6,836.25	6,780.09	38.71	26.82	126.62	-125.52	1,123.02	1,273.57	1,204.73	68.84	18.499		
7,100.00	6,839.50	6,882.51	6,827.53	38.84	26.53	120.57	-126.08	1,104.89	1,266.52	1,197.03	69.49	18.226		
7,150.00	6,884.20	6,927.44	6,872.95	38.97	26.21	115.91	-126.80	1,083.84	1,261.14	1,191.13	70.01	18.014		
7,200.00	6,927.21	6,972.16	6,917.28	39.11	25.88	112.15	-127.61	1,060.59	1,257.35	1,186.93	70.42	17.854		
7,250.00	6,968.28	7,013.59	6,963.45	39.25	25.50	108.92	-128.52	1,034.04	1,254.99	1,184.29	70.70	17.750		
7,300.00	7,007.13	7,102.92	7,048.45	39.41	25.07	106.05	-129.54	1,004.40	1,253.89	1,183.02	70.86	17.694		
7,316.44	7,019.39	7,109.00	7,054.38	39.46	25.05	105.47	-129.60	1,002.49	1,253.79	1,182.74	71.05	17.647		
7,350.00	7,043.55	7,093.89	7,038.86	39.58	24.85	103.97	-130.02	987.40	1,254.01	1,182.79	71.22	17.607		
7,400.00	7,077.29	7,076.47	7,023.27	39.77	24.62	102.10	-130.28	969.99	1,255.46	1,183.91	71.55	17.548		
7,450.00	7,108.16	7,058.66	7,003.67	39.98	24.39	100.38	-130.29	952.18	1,258.09	1,186.25	71.84	17.512		
7,500.00	7,135.96	7,017.48	7,013.03	40.22	23.90	98.18	-129.94	911.04	1,261.48	1,189.69	71.78	17.574		
7,550.00	7,160.53	7,074.87	7,028.67	40.49	23.40	96.19	-129.56	868.50	1,265.05	1,193.35	71.70	17.643		
7,600.00	7,181.70	7,012.91	7,021.92	40.79	22.75	93.93	-129.25	806.95	1,268.40	1,197.01	71.39	17.767		
7,650.00	7,199.35	7,048.52	7,026.84	41.13	22.13	91.68	-129.73	744.39	1,270.92	1,199.83	71.09	17.878		
7,700.00	7,213.38	7,083.79	7,186.16	41.51	21.58	89.58	-131.32	683.08	1,272.55	1,201.71	70.84	17.964		
7,750.00	7,223.68	7,028.56	7,164.33	41.93	21.19	87.87	-133.51	632.43	1,273.32	1,202.51	70.81	17.983		
7,800.00	7,230.21	7,080.00	7,141.28	42.38	20.87	86.46	-135.98	589.78	1,273.39	1,202.51	70.89	17.963		
7,850.00	7,232.92	7,053.94	7,127.28	42.87	20.73	85.73	-137.31	567.84	1,273.21	1,201.83	71.38	17.838		
7,858.69	7,233.00	7,049.67	7,124.86	42.95	20.71	85.62	-137.50	564.32	1,273.18	1,201.71	71.47	17.815		
7,864.58	7,233.01	7,046.80	7,123.21	43.01	20.69	85.55	-137.63	561.97	1,273.17	1,201.64	71.53	17.798		
7,900.00	7,233.10	7,030.09	7,113.31	43.38	20.61	85.10	-138.30	548.53	1,273.48	1,201.55	71.92	17.706		
8,000.00	7,233.35	7,188.51	7,086.43	44.56	20.39	83.89	-139.50	516.86	1,277.81	1,204.64	73.17	17.464		
8,100.00	7,233.60	7,130.94	7,044.98	45.91	20.14	82.03	-140.84	476.97	1,287.13	1,212.89	74.23	17.339		
8,200.00	7,233.85	7,093.00	7,015.54	47.41	19.98	80.72	-141.94	453.07	1,301.49	1,225.90	75.59	17.219		
8,300.00	7,234.10	7,058.24	6,987.34	49.05	19.84	79.47	-142.76	432.78	1,321.63	1,244.68	76.95	17.174		
8,400.00	7,234.35	7,032.66	6,965.96	50.81	19.74	78.53	-143.04	418.73	1,347.81	1,269.43	78.38	17.196		
8,500.00	7,234.59	6,999.00	6,937.09	52.68	19.61	77.28	-142.98	401.43	1,379.91	1,300.34	79.57	17.342		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,600.00	7,234.84	6,999.00	6,937.09	54.65	29.61	77.28	-142.98	401.43	1,417.47	1,336.35	81.12	17.473		
8,700.00	7,235.09	6,964.93	6,907.10	56.70	29.48	75.99	-142.58	385.27	1,460.06	1,378.01	82.05	17.794		
8,800.00	7,235.34	6,945.04	6,889.28	58.82	29.40	75.24	-142.26	376.46	1,507.56	1,424.53	83.04	18.155		
8,900.00	7,235.59	6,904.00	6,851.81	61.01	29.24	73.67	-141.39	359.75	1,559.92	1,476.31	83.61	18.657		
9,000.00	7,235.84	6,904.00	6,851.81	63.25	29.24	73.67	-141.39	359.75	1,615.59	1,531.01	84.58	19.101		
9,100.00	7,236.09	6,890.92	6,839.68	65.55	29.19	73.17	-141.12	354.84	1,675.30	1,590.04	85.26	19.649		
9,200.00	7,236.34	6,869.46	6,819.63	67.89	29.11	72.34	-140.91	347.21	1,738.29	1,652.55	85.73	20.276		
9,300.00	7,236.58	6,850.73	6,801.97	70.27	29.04	71.62	-140.95	340.98	1,804.24	1,718.10	86.14	20.945		
9,400.00	7,236.83	6,834.27	6,786.33	72.69	28.97	70.98	-141.17	335.85	1,872.91	1,786.43	86.49	21.655		
9,500.00	7,237.08	6,812.00	6,765.02	75.14	28.88	70.11	-141.72	329.42	1,944.10	1,857.40	86.70	22.423		
9,600.00	7,237.33	6,812.00	6,765.02	77.62	28.88	70.11	-141.72	329.42	2,017.49	1,930.42	87.08	23.169		
9,700.00	7,237.58	6,812.00	6,765.02	80.12	28.88	70.11	-141.72	329.42	2,093.09	2,005.71	87.38	23.953		
9,800.00	7,237.83	6,812.00	6,765.02	82.65	28.88	70.11	-141.72	329.42	2,170.66	2,083.04	87.63	24.771		
9,900.00	7,238.08	6,812.00	6,765.02	85.20	28.88	70.11	-141.72	329.42	2,250.01	2,162.18	87.82	25.619		
10,000.00	7,238.32	6,812.00	6,765.02	87.77	28.88	70.11	-141.72	329.42	2,330.94	2,242.96	87.98	26.495		
10,100.00	7,238.57	6,812.00	6,765.02	90.36	28.88	70.11	-141.72	329.42	2,413.30	2,325.21	88.10	27.394		
10,200.00	7,238.82	6,774.23	6,728.46	92.97	28.73	68.65	-142.50	319.94	2,495.63	2,407.69	87.94	28.379		
10,300.00	7,239.07	6,769.54	6,723.90	95.59	28.71	68.47	-142.54	318.89	2,580.10	2,492.11	87.99	29.322		
10,400.00	7,239.32	6,765.11	6,719.58	98.22	28.70	68.30	-142.56	317.93	2,665.61	2,577.59	88.03	30.282		
10,500.00	7,239.57	6,760.91	6,715.47	100.87	28.68	68.14	-142.57	317.04	2,752.07	2,664.02	88.05	31.257		
10,600.00	7,239.82	6,756.93	6,711.57	103.52	28.66	67.98	-142.58	316.22	2,839.39	2,751.33	88.05	32.246		
10,700.00	7,240.07	6,718.00	6,673.27	106.19	28.51	66.51	-142.14	309.32	2,928.61	2,840.74	87.87	33.329		
10,800.00	7,240.31	6,718.00	6,673.27	108.87	28.51	66.51	-142.14	309.32	3,017.20	2,929.31	87.89	34.330		
10,900.00	7,240.56	6,718.00	6,673.27	111.56	28.51	66.51	-142.14	309.32	3,106.49	3,018.59	87.90	35.342		
11,000.00	7,240.81	6,718.00	6,673.27	114.25	28.51	66.51	-142.14	309.32	3,196.41	3,108.51	87.90	36.364		
11,100.00	7,241.06	6,718.00	6,673.27	116.96	28.51	66.51	-142.14	309.32	3,286.92	3,199.02	87.90	37.396		
11,200.00	7,241.31	6,718.00	6,673.27	119.67	28.51	66.51	-142.14	309.32	3,377.96	3,290.08	87.89	38.436		
11,300.00	7,241.56	6,718.00	6,673.27	122.39	28.51	66.51	-142.14	309.32	3,469.50	3,381.62	87.87	39.484		
11,400.00	7,241.81	6,718.00	6,673.27	125.11	28.51	66.51	-142.14	309.32	3,561.49	3,473.63	87.85	40.539		
11,500.00	7,242.06	6,718.00	6,673.27	127.84	28.51	66.51	-142.14	309.32	3,653.90	3,566.06	87.83	41.601		
11,600.00	7,242.30	6,718.00	6,673.27	130.58	28.51	66.51	-142.14	309.32	3,746.70	3,658.89	87.81	42.669		
11,700.00	7,242.55	6,718.00	6,673.27	133.32	28.51	66.51	-142.14	309.32	3,839.86	3,752.07	87.78	43.742		
11,800.00	7,242.80	6,718.00	6,673.27	136.07	28.51	66.51	-142.14	309.32	3,933.36	3,845.60	87.76	44.820		
11,900.00	7,243.05	6,718.00	6,673.27	138.82	28.51	66.51	-142.14	309.32	4,027.17	3,939.43	87.73	45.903		
12,000.00	7,243.30	6,718.00	6,673.27	141.58	28.51	66.51	-142.14	309.32	4,121.27	4,033.56	87.71	46.989		
12,100.00	7,243.55	6,718.00	6,673.27	144.34	28.51	66.51	-142.14	309.32	4,215.64	4,127.96	87.68	48.080		
12,200.00	7,243.80	6,718.00	6,673.27	147.10	28.51	66.51	-142.14	309.32	4,310.27	4,222.61	87.65	49.174		
12,300.00	7,244.04	6,718.00	6,673.27	149.87	28.51	66.51	-142.14	309.32	4,405.13	4,317.50	87.63	50.271		
12,400.00	7,244.29	6,718.00	6,673.27	152.64	28.51	66.51	-142.14	309.32	4,500.22	4,412.62	87.60	51.371		
12,500.00	7,244.54	6,718.00	6,673.27	155.41	28.51	66.51	-142.14	309.32	4,595.51	4,507.93	87.58	52.473		
12,600.00	7,244.79	6,718.00	6,673.27	158.19	28.51	66.51	-142.14	309.32	4,691.00	4,603.45	87.56	53.578		
12,700.00	7,245.04	6,718.00	6,673.27	160.97	28.51	66.51	-142.14	309.32	4,786.68	4,699.15	87.53	54.685		
12,800.00	7,245.29	6,718.00	6,673.27	163.75	28.51	66.51	-142.14	309.32	4,882.53	4,795.02	87.51	55.793		
12,900.00	7,245.54	6,718.00	6,673.27	166.54	28.51	66.51	-142.14	309.32	4,978.54	4,891.05	87.49	56.903		
13,000.00	7,245.79	6,718.00	6,673.27	169.33	28.51	66.51	-142.14	309.32	5,074.70	4,987.23	87.47	58.015		
13,100.00	7,246.03	6,718.00	6,673.27	172.12	28.51	66.51	-142.14	309.32	5,171.02	5,083.56	87.45	59.128		
13,200.00	7,246.28	6,718.00	6,673.27	174.91	28.51	66.51	-142.14	309.32	5,267.46	5,180.03	87.44	60.242		
13,300.00	7,246.53	6,718.00	6,673.27	177.71	28.51	66.51	-142.14	309.32	5,364.04	5,276.62	87.42	61.358		
13,400.00	7,246.78	6,718.00	6,673.27	180.50	28.51	66.51	-142.14	309.32	5,460.75	5,373.34	87.41	62.474		
13,500.00	7,247.03	6,718.00	6,673.27	183.30	28.51	66.51	-142.14	309.32	5,557.56	5,470.17	87.40	63.590		
13,600.00	7,247.28	6,718.00	6,673.27	186.10	28.51	66.51	-142.14	309.32	5,654.49	5,567.11	87.39	64.707		
13,700.00	7,247.53	6,718.00	6,673.27	188.91	28.51	66.51	-142.14	309.32	5,751.53	5,664.15	87.38	65.825		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 342-MWD+IFR1													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.77	6,718.00	6,673.27	191.71	28.51	66.51	-142.14	309.32	5,848.66	5,761.29	87.37	66.943		
13,900.00	7,248.02	6,718.00	6,673.27	194.52	28.51	66.51	-142.14	309.32	5,945.89	5,858.53	87.36	68.061		
14,000.00	7,248.27	6,718.00	6,673.27	197.32	28.51	66.51	-142.14	309.32	6,043.21	5,955.86	87.36	69.179		
14,100.00	7,248.52	6,718.00	6,673.27	200.13	28.51	66.51	-142.14	309.32	6,140.62	6,053.27	87.35	70.297		
14,200.00	7,248.77	6,718.00	6,673.27	202.94	28.51	66.51	-142.14	309.32	6,238.11	6,150.76	87.35	71.415		
14,300.00	7,249.02	6,718.00	6,673.27	205.76	28.51	66.51	-142.14	309.32	6,335.67	6,248.32	87.35	72.533		
14,400.00	7,249.27	6,718.00	6,673.27	208.57	28.51	66.51	-142.14	309.32	6,433.31	6,345.97	87.35	73.651		
14,500.00	7,249.52	6,718.00	6,673.27	211.38	28.51	66.51	-142.14	309.32	6,531.03	6,443.68	87.35	74.768		
14,600.00	7,249.76	6,718.00	6,673.27	214.20	28.51	66.51	-142.14	309.32	6,628.81	6,541.45	87.35	75.885		
14,700.00	7,250.01	6,718.00	6,673.27	217.02	28.51	66.51	-142.14	309.32	6,726.65	6,639.30	87.36	77.001		
14,800.00	7,250.26	6,718.00	6,673.27	219.84	28.51	66.51	-142.14	309.32	6,824.56	6,737.20	87.36	78.117		
14,900.00	7,250.51	6,718.00	6,673.27	222.65	28.51	66.51	-142.14	309.32	6,922.53	6,835.16	87.37	79.232		
15,000.00	7,250.76	6,718.00	6,673.27	225.48	28.51	66.51	-142.14	309.32	7,020.56	6,933.18	87.38	80.346		
15,100.00	7,251.01	6,718.00	6,673.27	228.30	28.51	66.51	-142.14	309.32	7,118.64	7,031.25	87.39	81.460		
15,200.00	7,251.26	6,718.00	6,673.27	231.12	28.51	66.51	-142.14	309.32	7,216.77	7,129.37	87.40	82.573		
15,300.00	7,251.50	6,718.00	6,673.27	233.94	28.51	66.51	-142.14	309.32	7,314.95	7,227.54	87.41	83.684		
15,400.00	7,251.75	6,718.00	6,673.27	236.77	28.51	66.51	-142.14	309.32	7,413.18	7,325.76	87.42	84.795		
15,500.00	7,252.00	6,718.00	6,673.27	239.59	28.51	66.51	-142.14	309.32	7,511.46	7,424.02	87.44	85.905		
15,600.00	7,252.25	6,718.00	6,673.27	242.42	28.51	66.51	-142.14	309.32	7,609.79	7,522.33	87.46	87.014		
15,700.00	7,252.50	6,718.00	6,673.27	245.24	28.51	66.51	-142.14	309.32	7,708.15	7,620.68	87.47	88.121		
15,800.00	7,252.75	6,675.23	6,630.80	248.07	28.33	64.93	-141.44	304.35	7,804.99	7,717.57	87.42	89.277		
15,900.00	7,253.00	6,674.65	6,630.23	250.90	28.33	64.90	-141.43	304.30	7,903.40	7,815.96	87.44	90.383		
16,000.00	7,253.25	6,674.09	6,629.66	253.73	28.32	64.88	-141.42	304.26	8,001.84	7,914.38	87.46	91.488		
16,100.00	7,253.49	6,673.54	6,629.11	256.56	28.32	64.86	-141.42	304.21	8,100.33	8,012.84	87.48	92.591		
16,200.00	7,253.74	6,673.00	6,628.58	259.39	28.32	64.84	-141.41	304.17	8,198.84	8,111.34	87.51	93.693		
16,300.00	7,253.99	6,672.47	6,628.05	262.22	28.32	64.82	-141.41	304.13	8,297.40	8,209.87	87.53	94.794		
16,400.00	7,254.24	6,671.96	6,627.54	265.05	28.32	64.81	-141.40	304.09	8,395.99	8,308.43	87.56	95.893		
16,500.00	7,254.49	6,671.46	6,627.04	267.88	28.31	64.79	-141.40	304.06	8,494.61	8,407.03	87.58	96.991		
16,600.00	7,254.74	6,670.97	6,626.55	270.72	28.31	64.77	-141.39	304.02	8,593.26	8,505.65	87.61	98.087		
16,700.00	7,254.99	6,670.49	6,626.07	273.55	28.31	64.75	-141.39	303.98	8,691.94	8,604.30	87.64	99.182		
16,800.00	7,255.24	6,670.02	6,625.61	276.38	28.31	64.73	-141.39	303.95	8,790.65	8,702.99	87.67	100.275		
16,900.00	7,255.48	6,669.56	6,625.15	279.22	28.31	64.72	-141.38	303.92	8,889.39	8,801.70	87.70	101.367		
17,000.00	7,255.73	6,669.11	6,624.70	282.05	28.30	64.70	-141.38	303.88	8,988.16	8,900.43	87.73	102.456		
17,100.00	7,255.98	6,668.67	6,624.26	284.89	28.30	64.68	-141.38	303.85	9,086.95	8,999.19	87.76	103.545		
17,200.00	7,256.23	6,668.24	6,623.83	287.73	28.30	64.67	-141.37	303.82	9,185.77	9,097.98	87.79	104.631		
17,300.00	7,256.48	6,625.00	6,580.63	290.56	28.12	63.09	-141.29	302.37	9,286.18	9,198.44	87.74	105.833		
17,400.00	7,256.73	6,625.00	6,580.63	293.40	28.12	63.09	-141.29	302.37	9,385.02	9,297.24	87.78	106.916		
17,500.00	7,256.98	6,625.00	6,580.63	296.24	28.12	63.09	-141.29	302.37	9,483.89	9,396.07	87.82	107.996		
17,600.00	7,257.22	6,625.00	6,580.63	299.07	28.12	63.09	-141.29	302.37	9,582.77	9,494.92	87.86	109.074		
17,700.00	7,257.47	6,625.00	6,580.63	301.91	28.12	63.09	-141.29	302.37	9,681.68	9,593.79	87.89	110.151		
17,800.00	7,257.72	6,625.00	6,580.63	304.75	28.12	63.09	-141.29	302.37	9,780.61	9,692.68	87.93	111.226		
17,900.00	7,257.97	6,625.00	6,580.63	307.59	28.12	63.09	-141.29	302.37	9,879.57	9,791.59	87.98	112.299		
18,000.00	7,258.22	6,625.00	6,580.63	310.43	28.12	63.09	-141.29	302.37	9,978.54	9,890.52	88.02	113.370		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	132.34	-462.66	507.82	687.06					
100.00	100.00	93.72	93.70	3.28	3.29	132.44	-463.38	506.73	686.67	680.10	6.57	104.491		
200.00	200.00	198.88	198.78	3.34	3.32	132.80	-465.76	503.03	685.61	678.96	6.66	102.985		
300.00	300.00	305.00	304.83	3.44	3.42	133.04	-466.57	499.60	683.76	676.89	6.87	99.545		
400.00	399.98	428.72	428.44	3.60	3.61	-3.43	-462.84	496.48	678.16	670.93	7.23	93.793		
500.00	499.84	553.10	552.43	3.79	3.87	-3.58	-455.27	490.17	665.06	657.34	7.72	86.121		
600.00	599.45	653.37	652.16	4.03	4.12	-3.78	-447.32	483.63	646.27	638.06	8.21	78.759		
700.00	698.70	820.14	816.92	4.30	4.63	-4.09	-429.57	466.37	619.86	610.75	9.11	68.054		
800.00	797.47	909.84	904.59	4.60	4.93	-4.37	-415.94	453.18	583.78	574.13	9.66	60.462		
900.00	895.62	984.61	978.04	4.94	5.19	-4.69	-405.69	443.68	546.80	536.63	10.17	53.747		
1,000.00	993.06	1,063.32	1,055.75	5.32	5.48	-5.02	-396.88	434.91	509.29	498.53	10.75	47.356		
1,100.00	1,089.64	1,156.06	1,147.52	5.73	5.83	-5.37	-388.00	424.79	469.75	458.31	11.43	41.080		
1,131.50	1,119.87	1,186.17	1,177.29	5.87	5.95	-5.49	-385.12	421.37	456.55	444.89	11.66	39.141		
1,200.00	1,185.51	1,251.39	1,241.74	6.18	6.20	-5.76	-378.52	413.85	427.17	415.03	12.15	35.171		
1,300.00	1,281.33	1,337.00	1,326.35	6.65	6.55	-6.27	-369.53	404.45	384.49	371.65	12.83	29.964		
1,400.00	1,377.14	1,426.84	1,415.25	7.13	6.91	-7.00	-360.22	395.37	342.52	328.96	13.55	25.271		
1,500.00	1,472.96	1,518.40	1,505.83	7.63	7.29	-7.99	-350.59	386.19	300.56	286.27	14.30	21.022		
1,600.00	1,568.78	1,610.15	1,596.54	8.14	7.67	-9.45	-340.23	377.08	258.36	243.30	15.06	17.159		
1,700.00	1,664.60	1,697.80	1,683.21	8.66	8.04	-11.49	-330.17	368.74	216.54	200.69	15.84	13.667		
1,800.00	1,760.41	1,788.35	1,772.88	9.19	8.43	-14.50	-320.42	360.81	176.01	159.36	16.65	10.571		
1,900.00	1,856.23	1,879.89	1,863.51	9.73	8.82	-19.27	-310.51	352.48	135.85	118.35	17.49	7.767		
2,000.00	1,952.05	1,970.10	1,952.73	10.27	9.21	-28.22	-299.90	344.38	96.93	78.48	18.45	5.253		
2,100.00	2,047.86	2,060.30	2,042.12	10.81	9.60	-45.99	-290.41	337.06	63.56	43.85	19.71	3.224		
2,200.00	2,143.68	2,152.29	2,133.58	11.36	9.99	-81.25	-283.38	330.16	44.28	22.98	21.30	2.078		
2,221.28	2,164.07	2,172.02	2,153.23	11.48	10.07	-90.76	-282.18	328.88	43.57	22.03	21.54	2.023 CC, ES, SF		
2,300.00	2,239.50	2,246.24	2,227.25	11.92	10.38	-122.10	-278.58	324.74	51.68	29.84	21.84	2.366		
2,400.00	2,335.32	2,342.31	2,323.14	12.47	10.77	-145.62	-276.43	319.41	74.49	52.33	22.16	3.361		
2,500.00	2,431.13	2,438.37	2,419.15	13.03	11.16	-156.60	-276.61	316.45	100.56	77.77	22.80	4.412		
2,600.00	2,526.95	2,534.06	2,514.79	13.59	11.54	-162.84	-276.32	313.57	129.03	105.48	23.54	5.480		
2,700.00	2,622.77	2,634.37	2,615.05	14.15	11.93	-167.18	-278.23	311.19	156.29	131.91	24.38	6.410		
2,800.00	2,718.59	2,728.83	2,709.48	14.72	12.29	-169.31	-280.58	312.05	181.88	156.70	25.18	7.224		
2,900.00	2,814.40	2,819.97	2,800.61	15.29	12.65	-170.65	-280.00	311.78	210.74	184.79	25.96	8.119		
3,000.00	2,910.22	2,920.17	2,900.81	15.85	13.06	-171.91	-279.52	310.96	239.92	213.06	26.86	8.933		
3,100.00	3,006.04	3,020.43	3,001.05	16.42	13.44	-172.89	-281.31	311.84	266.40	238.67	27.73	9.606		
3,200.00	3,101.85	3,113.05	3,093.64	16.99	13.80	-173.32	-281.96	313.78	293.08	264.55	28.53	10.272		
3,300.00	3,197.67	3,204.93	3,185.51	17.56	14.17	-173.65	-281.31	314.88	321.37	292.04	29.34	10.955		
3,400.00	3,293.49	3,299.31	3,279.88	18.14	14.56	-174.05	-280.41	315.03	350.47	320.29	30.18	11.612		
3,500.00	3,389.31	3,394.11	3,374.68	18.71	14.95	-174.49	-279.78	314.58	379.74	348.70	31.04	12.234		
3,600.00	3,485.12	3,488.56	3,469.13	19.28	15.34	-174.87	-278.98	313.93	409.29	377.40	31.90	12.831		
3,700.00	3,580.94	3,580.43	3,560.98	19.86	15.73	-175.24	-278.11	312.79	439.27	406.54	32.73	13.421		
3,800.00	3,676.76	3,685.64	3,666.18	20.43	16.16	-175.60	-276.96	311.47	469.43	435.73	33.70	13.928		
3,900.00	3,772.58	3,788.28	3,768.80	21.01	16.57	-175.78	-277.39	312.79	496.86	462.23	34.62	14.350		
4,000.00	3,868.39	3,881.34	3,861.84	21.58	16.95	-175.77	-276.98	315.11	524.22	488.76	35.45	14.786		
4,100.00	3,964.21	3,982.28	3,962.74	22.16	17.35	-175.75	-276.41	317.61	551.68	515.32	36.36	15.173		
4,200.00	4,060.03	4,083.71	4,064.15	22.74	17.76	-175.92	-277.82	319.39	578.12	540.85	37.26	15.514		
4,300.00	4,155.85	4,186.18	4,166.56	23.32	18.16	-176.23	-280.97	320.57	603.69	565.51	38.17	15.814		
4,400.00	4,251.66	4,274.49	4,254.80	23.89	18.52	-176.61	-284.43	320.42	629.47	590.50	38.97	16.153		
4,500.00	4,347.48	4,357.07	4,337.29	24.47	18.85	-177.06	-287.46	318.41	656.90	617.19	39.71	16.542		
4,600.00	4,443.30	4,449.64	4,429.79	25.05	19.23	-177.49	-289.66	315.52	685.73	645.18	40.55	16.909		
4,700.00	4,539.11	4,548.62	4,528.76	25.63	19.64	-177.72	-290.53	314.24	714.51	673.05	41.46	17.233		
4,800.00	4,634.93	4,647.33	4,627.46	26.21	20.04	-177.75	-290.24	315.01	742.83	700.47	42.36	17.537		
4,900.00	4,730.75	4,747.70	4,727.80	26.79	20.46	-177.67	-289.33	317.18	770.71	727.43	43.27	17.810		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	4,851.65	4,831.70	27.37	20.88	-177.54	-288.62	320.41	797.83	753.61	44.22	18.043		
5,100.00	4,922.38	4,931.35	4,911.39	27.95	21.21	-177.52	-288.24	321.82	825.62	780.68	44.94	18.373		
5,200.00	5,018.20	5,027.78	5,007.81	28.53	21.61	-177.61	-288.35	321.72	854.19	808.37	45.82	18.641		
5,300.00	5,114.02	5,125.44	5,105.47	29.11	22.02	-177.77	-289.21	320.98	882.63	835.91	46.72	18.892		
5,400.00	5,209.84	5,225.65	5,205.67	29.69	22.43	-177.94	-290.68	320.20	910.68	863.03	47.64	19.115		
5,500.00	5,305.65	5,316.15	5,296.14	30.27	22.81	-178.13	-292.43	318.95	938.79	890.32	48.47	19.368		
5,600.00	5,401.47	5,396.93	5,376.89	30.86	23.14	-178.31	-293.42	317.09	967.99	918.79	49.20	19.674		
5,700.00	5,497.29	5,499.31	5,479.26	31.44	23.58	-178.42	-293.30	315.55	997.65	947.49	50.16	19.889		
5,800.00	5,593.10	5,589.94	5,569.87	32.02	23.96	-178.43	-292.26	315.36	1,027.20	976.21	51.00	20.143		
5,900.00	5,688.92	5,674.67	5,654.59	32.60	24.32	-178.43	-290.76	314.86	1,057.45	1,005.68	51.77	20.428		
6,000.00	5,784.74	5,791.33	5,771.24	33.18	24.82	-178.45	-289.35	314.42	1,087.14	1,034.27	52.87	20.561		
6,100.00	5,880.56	5,892.62	5,872.52	33.76	25.25	-178.42	-288.52	315.42	1,115.70	1,061.89	53.81	20.734		
6,200.00	5,976.37	5,994.53	5,974.43	34.35	25.67	-178.44	-288.55	316.04	1,143.90	1,089.15	54.74	20.895		
6,300.00	6,072.19	6,099.00	6,078.88	34.93	26.10	-178.54	-290.25	316.14	1,171.28	1,115.58	55.70	21.028		
6,400.00	6,168.01	6,182.99	6,162.87	35.51	26.45	-178.60	-291.50	316.41	1,198.66	1,142.19	56.47	21.226		
6,500.00	6,263.83	7,571.87	6,966.99	36.09	36.66	-142.65	-282.71	1,149.62	1,162.07	1,103.68	58.38	19.904		
6,600.00	6,359.64	7,586.11	6,966.22	36.68	36.90	-141.89	-282.23	1,163.83	1,122.97	1,061.13	61.84	18.159		
6,700.00	6,455.46	7,600.70	6,965.46	37.26	37.14	-141.10	-281.77	1,178.40	1,091.47	1,026.33	65.13	16.758		
6,733.48	6,487.54	7,605.67	6,965.21	37.45	37.22	-140.83	-281.61	1,183.35	1,082.74	1,016.56	66.18	16.361		
6,750.00	6,503.41	7,607.91	6,965.10	37.55	37.26	-144.24	-281.54	1,185.59	1,078.77	1,012.10	66.67	16.180		
6,800.00	6,551.83	7,612.00	6,964.89	37.82	37.33	-157.99	-281.42	1,189.68	1,068.09	1,000.03	68.06	15.692		
6,850.00	6,600.62	7,611.97	6,964.89	38.05	37.33	-176.59	-281.42	1,189.65	1,059.54	990.29	69.26	15.298		
6,900.00	6,649.47	7,607.74	6,965.11	38.25	37.26	163.35	-281.55	1,185.42	1,053.24	983.00	70.24	14.996		
6,950.00	6,698.08	7,599.25	6,965.54	38.42	37.12	146.30	-281.81	1,176.94	1,049.20	978.21	70.98	14.781		
7,000.00	6,746.15	7,586.48	6,966.21	38.57	36.91	133.59	-282.22	1,164.20	1,047.38	975.88	71.50	14.649		
7,017.68	6,762.97	7,580.93	6,966.50	38.62	36.81	129.97	-282.40	1,158.67	1,047.25	975.63	71.62	14.622		
7,050.00	6,793.39	7,569.43	6,967.12	38.71	36.62	124.25	-282.79	1,147.18	1,047.67	975.89	71.78	14.596		
7,100.00	6,839.50	7,548.46	6,968.28	38.84	36.28	117.08	-283.53	1,126.26	1,049.88	978.02	71.86	14.610		
7,150.00	6,884.20	7,524.57	6,969.61	38.97	35.92	111.32	-284.41	1,102.42	1,053.78	981.99	71.79	14.679		
7,200.00	6,927.21	7,497.16	6,971.13	39.11	35.51	106.41	-285.43	1,075.08	1,059.09	987.54	71.55	14.802		
7,250.00	6,968.28	7,466.41	6,972.81	39.25	35.05	102.09	-286.61	1,044.39	1,065.51	994.34	71.17	14.971		
7,300.00	7,007.13	7,438.70	6,974.29	39.41	34.66	98.44	-287.64	1,016.75	1,072.79	1,001.95	70.85	15.142		
7,350.00	7,043.55	7,410.41	6,975.68	39.58	34.28	95.18	-288.52	988.50	1,080.78	1,010.28	70.50	15.330		
7,400.00	7,077.29	7,380.27	6,977.04	39.77	33.87	92.22	-289.26	958.40	1,089.23	1,019.11	70.12	15.533		
7,450.00	7,108.16	7,351.54	6,978.05	39.98	33.51	89.61	-289.76	929.69	1,097.89	1,028.08	69.81	15.726		
7,500.00	7,135.96	7,325.66	6,977.78	40.22	33.19	87.30	-290.02	903.82	1,106.75	1,037.14	69.61	15.899		
7,550.00	7,160.53	7,300.18	6,976.23	40.49	32.89	85.20	-290.08	878.38	1,115.71	1,046.24	69.46	16.062		
7,600.00	7,181.70	7,271.00	6,972.93	40.79	32.54	83.17	-289.91	849.40	1,124.66	1,055.37	69.29	16.231		
7,650.00	7,199.35	7,249.36	6,969.47	41.13	32.31	81.51	-289.63	828.04	1,133.46	1,064.09	69.37	16.340		
7,700.00	7,213.38	7,223.68	6,964.36	41.51	32.04	79.91	-289.12	802.88	1,142.01	1,072.58	69.43	16.448		
7,750.00	7,223.68	7,198.14	6,958.19	41.93	31.76	78.48	-288.44	778.11	1,150.20	1,080.63	69.57	16.533		
7,800.00	7,230.21	7,178.00	6,952.57	42.38	31.55	77.32	-287.77	758.78	1,157.96	1,088.07	69.89	16.568		
7,850.00	7,232.92	7,146.92	6,942.74	42.87	31.27	76.13	-286.49	729.33	1,165.13	1,095.04	70.09	16.622		
7,858.69	7,233.00	7,142.44	6,941.22	42.95	31.23	75.96	-286.28	725.12	1,166.32	1,096.16	70.15	16.625		
7,900.00	7,233.10	7,121.40	6,933.73	43.38	31.04	75.61	-285.19	705.49	1,172.28	1,101.83	70.45	16.639		
8,000.00	7,233.35	7,067.32	6,911.84	44.56	30.59	74.60	-281.82	656.17	1,189.77	1,118.61	71.16	16.719		
8,100.00	7,233.60	7,000.64	6,879.09	45.91	30.10	73.10	-278.39	598.22	1,210.65	1,138.98	71.67	16.892		
8,200.00	7,233.85	6,945.47	6,847.33	47.41	29.76	71.66	-276.55	553.17	1,235.11	1,162.70	72.41	17.057		
8,300.00	7,234.10	6,895.00	6,814.92	49.05	29.47	70.21	-275.45	514.52	1,263.82	1,190.63	73.20	17.266		
8,400.00	7,234.35	6,859.41	6,790.40	50.81	29.29	69.12	-274.78	488.73	1,297.14	1,222.89	74.25	17.470		
8,500.00	7,234.59	6,824.91	6,765.54	52.68	29.13	68.04	-273.97	464.83	1,335.21	1,259.97	75.24	17.746		
8,600.00	7,234.84	6,801.00	6,747.71	54.65	29.01	67.28	-273.32	448.92	1,377.93	1,301.60	76.33	18.052		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 170-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,235.09	6,755.43	6,712.11	56.70	28.82	65.77	-272.67	420.50	1,424.67	1,347.75	76.92	18.521		
8,800.00	7,235.34	6,724.86	6,687.02	58.82	28.69	64.72	-272.95	403.05	1,475.44	1,397.77	77.67	18.997		
8,900.00	7,235.59	6,707.00	6,671.95	61.01	28.61	64.09	-273.39	393.48	1,530.10	1,451.58	78.53	19.485		
9,000.00	7,235.84	6,677.14	6,646.07	63.25	28.49	63.01	-274.63	378.64	1,588.33	1,509.27	79.06	20.091		
9,100.00	7,236.09	6,658.47	6,629.48	65.55	28.42	62.33	-275.76	370.16	1,650.04	1,570.37	79.67	20.710		
9,200.00	7,236.34	6,642.31	6,614.88	67.89	28.35	61.72	-276.95	363.32	1,714.92	1,634.69	80.23	21.376		
9,300.00	7,236.58	6,612.00	6,586.99	70.27	28.23	60.58	-279.72	351.80	1,782.92	1,702.46	80.46	22.160		
9,400.00	7,236.83	6,612.00	6,586.99	72.69	28.23	60.58	-279.72	351.80	1,853.15	1,772.06	81.09	22.852		
9,500.00	7,237.08	6,612.00	6,586.99	75.14	28.23	60.58	-279.72	351.80	1,926.02	1,844.39	81.63	23.595		
9,600.00	7,237.33	6,612.00	6,586.99	77.62	28.23	60.58	-279.72	351.80	2,001.23	1,919.15	82.08	24.382		
9,700.00	7,237.58	6,612.00	6,586.99	80.12	28.23	60.58	-279.72	351.80	2,078.53	1,996.08	82.45	25.208		
9,800.00	7,237.83	6,612.00	6,586.99	82.65	28.23	60.58	-279.72	351.80	2,157.70	2,074.94	82.77	26.069		
9,900.00	7,238.08	6,612.00	6,586.99	85.20	28.23	60.58	-279.72	351.80	2,238.54	2,155.51	83.03	26.961		
10,000.00	7,238.32	6,574.11	6,551.27	87.77	28.08	59.13	-283.36	339.73	2,319.25	2,236.40	82.86	27.991		
10,100.00	7,238.57	6,568.88	6,546.27	90.36	28.06	58.94	-283.82	338.27	2,402.45	2,319.44	83.01	28.943		
10,200.00	7,238.82	6,563.99	6,541.58	92.97	28.04	58.75	-284.24	336.94	2,486.83	2,403.70	83.13	29.915		
10,300.00	7,239.07	6,559.41	6,537.18	95.59	28.02	58.58	-284.62	335.74	2,572.28	2,489.05	83.23	30.904		
10,400.00	7,239.32	6,518.00	6,496.93	98.22	27.85	57.03	-287.75	326.58	2,660.24	2,577.26	82.98	32.057		
10,500.00	7,239.57	6,518.00	6,496.93	100.87	27.85	57.03	-287.75	326.58	2,747.23	2,664.13	83.10	33.057		
10,600.00	7,239.82	6,518.00	6,496.93	103.52	27.85	57.03	-287.75	326.58	2,835.08	2,751.87	83.21	34.073		
10,700.00	7,240.07	6,518.00	6,496.93	106.19	27.85	57.03	-287.75	326.58	2,923.70	2,840.41	83.29	35.103		
10,800.00	7,240.31	6,518.00	6,496.93	108.87	27.85	57.03	-287.75	326.58	3,013.04	2,929.68	83.36	36.146		
10,900.00	7,240.56	6,518.00	6,496.93	111.56	27.85	57.03	-287.75	326.58	3,103.03	3,019.62	83.41	37.201		
11,000.00	7,240.81	6,518.00	6,496.93	114.25	27.85	57.03	-287.75	326.58	3,193.61	3,110.16	83.46	38.265		
11,100.00	7,241.06	6,518.00	6,496.93	116.96	27.85	57.03	-287.75	326.58	3,284.75	3,201.25	83.50	39.340		
11,200.00	7,241.31	6,518.00	6,496.93	119.67	27.85	57.03	-287.75	326.58	3,376.38	3,292.85	83.53	40.423		
11,300.00	7,241.56	6,518.00	6,496.93	122.39	27.85	57.03	-287.75	326.58	3,468.48	3,384.93	83.55	41.514		
11,400.00	7,241.81	6,518.00	6,496.93	125.11	27.85	57.03	-287.75	326.58	3,561.00	3,477.43	83.57	42.612		
11,500.00	7,242.06	6,518.00	6,496.93	127.84	27.85	57.03	-287.75	326.58	3,653.91	3,570.33	83.58	43.716		
11,600.00	7,242.30	6,518.00	6,496.93	130.58	27.85	57.03	-287.75	326.58	3,747.19	3,663.60	83.59	44.827		
11,700.00	7,242.55	6,518.00	6,496.93	133.32	27.85	57.03	-287.75	326.58	3,840.81	3,757.21	83.60	45.943		
11,800.00	7,242.80	6,518.00	6,496.93	136.07	27.85	57.03	-287.75	326.58	3,934.75	3,851.14	83.60	47.064		
11,900.00	7,243.05	6,518.00	6,496.93	138.82	27.85	57.03	-287.75	326.58	4,028.97	3,945.36	83.61	48.189		
12,000.00	7,243.30	6,518.00	6,496.93	141.58	27.85	57.03	-287.75	326.58	4,123.47	4,039.86	83.61	49.318		
12,100.00	7,243.55	6,518.00	6,496.93	144.34	27.85	57.03	-287.75	326.58	4,218.22	4,134.61	83.61	50.451		
12,200.00	7,243.80	6,518.00	6,496.93	147.10	27.85	57.03	-287.75	326.58	4,313.21	4,229.60	83.61	51.587		
12,300.00	7,244.04	6,518.00	6,496.93	149.87	27.85	57.03	-287.75	326.58	4,408.42	4,324.81	83.61	52.727		
12,400.00	7,244.29	6,518.00	6,496.93	152.64	27.85	57.03	-287.75	326.58	4,503.83	4,420.23	83.61	53.869		
12,500.00	7,244.54	6,518.00	6,496.93	155.41	27.85	57.03	-287.75	326.58	4,599.44	4,515.84	83.61	55.013		
12,600.00	7,244.79	6,518.00	6,496.93	158.19	27.85	57.03	-287.75	326.58	4,695.24	4,611.63	83.61	56.160		
12,700.00	7,245.04	6,518.00	6,496.93	160.97	27.85	57.03	-287.75	326.58	4,791.21	4,707.60	83.60	57.308		
12,800.00	7,245.29	6,518.00	6,496.93	163.75	27.85	57.03	-287.75	326.58	4,887.33	4,803.73	83.60	58.458		
12,900.00	7,245.54	6,518.00	6,496.93	166.54	27.85	57.03	-287.75	326.58	4,983.61	4,900.01	83.60	59.610		
13,000.00	7,245.79	6,518.00	6,496.93	169.33	27.85	57.03	-287.75	326.58	5,080.04	4,996.44	83.60	60.763		
13,100.00	7,246.03	6,518.00	6,496.93	172.12	27.85	57.03	-287.75	326.58	5,176.60	5,092.99	83.60	61.918		
13,200.00	7,246.28	6,518.00	6,496.93	174.91	27.85	57.03	-287.75	326.58	5,273.29	5,189.68	83.61	63.073		
13,300.00	7,246.53	6,518.00	6,496.93	177.71	27.85	57.03	-287.75	326.58	5,370.10	5,286.49	83.61	64.229		
13,400.00	7,246.78	6,518.00	6,496.93	180.50	27.85	57.03	-287.75	326.58	5,467.02	5,383.41	83.61	65.385		
13,500.00	7,247.03	6,518.00	6,496.93	183.30	27.85	57.03	-287.75	326.58	5,564.05	5,480.44	83.62	66.543		
13,600.00	7,247.28	6,477.49	6,456.99	186.10	27.68	55.56	-290.07	320.22	5,659.91	5,576.42	83.49	67.794		
13,700.00	7,247.53	6,476.06	6,455.58	188.91	27.68	55.51	-290.14	320.03	5,757.06	5,673.57	83.49	68.955		
13,800.00	7,247.77	6,474.67	6,454.20	191.71	27.67	55.46	-290.20	319.86	5,854.29	5,770.80	83.50	70.115		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 170-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	6,473.32	6,452.86	194.52	27.67	55.41	-290.26	319.69	5,951.62	5,868.12	83.50	71.276		
14,000.00	7,248.27	6,472.01	6,451.56	197.32	27.66	55.36	-290.32	319.52	6,049.03	5,965.53	83.51	72.436		
14,100.00	7,248.52	6,470.73	6,450.30	200.13	27.66	55.32	-290.38	319.36	6,146.53	6,063.01	83.52	73.597		
14,200.00	7,248.77	6,469.49	6,449.06	202.94	27.65	55.27	-290.43	319.21	6,244.10	6,160.57	83.53	74.757		
14,300.00	7,249.02	6,468.28	6,447.86	205.76	27.65	55.23	-290.49	319.07	6,341.74	6,258.20	83.54	75.916		
14,400.00	7,249.27	6,467.10	6,446.70	208.57	27.64	55.19	-290.54	318.93	6,439.45	6,355.90	83.55	77.075		
14,500.00	7,249.52	6,465.96	6,445.56	211.38	27.64	55.15	-290.58	318.80	6,537.23	6,453.67	83.56	78.233		
14,600.00	7,249.76	6,425.00	6,404.79	214.20	27.47	53.73	-291.88	315.15	6,636.29	6,552.82	83.47	79.504		
14,700.00	7,250.01	6,425.00	6,404.79	217.02	27.47	53.73	-291.88	315.15	6,734.13	6,650.64	83.49	80.658		
14,800.00	7,250.26	6,425.00	6,404.79	219.84	27.47	53.73	-291.88	315.15	6,832.03	6,748.52	83.51	81.810		
14,900.00	7,250.51	6,425.00	6,404.79	222.65	27.47	53.73	-291.88	315.15	6,929.99	6,846.46	83.53	82.962		
15,000.00	7,250.76	6,425.00	6,404.79	225.48	27.47	53.73	-291.88	315.15	7,028.01	6,944.45	83.55	84.113		
15,100.00	7,251.01	6,425.00	6,404.79	228.30	27.47	53.73	-291.88	315.15	7,126.08	7,042.50	83.58	85.263		
15,200.00	7,251.26	6,425.00	6,404.79	231.12	27.47	53.73	-291.88	315.15	7,224.21	7,140.61	83.60	86.413		
15,300.00	7,251.50	6,425.00	6,404.79	233.94	27.47	53.73	-291.88	315.15	7,322.39	7,238.76	83.63	87.561		
15,400.00	7,251.75	6,425.00	6,404.79	236.77	27.47	53.73	-291.88	315.15	7,420.61	7,336.96	83.65	88.708		
15,500.00	7,252.00	6,425.00	6,404.79	239.59	27.47	53.73	-291.88	315.15	7,518.88	7,435.20	83.68	89.854		
15,600.00	7,252.25	6,425.00	6,404.79	242.42	27.47	53.73	-291.88	315.15	7,617.20	7,533.49	83.71	90.998		
15,700.00	7,252.50	6,425.00	6,404.79	245.24	27.47	53.73	-291.88	315.15	7,715.56	7,631.83	83.74	92.142		
15,800.00	7,252.75	6,425.00	6,404.79	248.07	27.47	53.73	-291.88	315.15	7,813.96	7,730.20	83.77	93.284		
15,900.00	7,253.00	6,425.00	6,404.79	250.90	27.47	53.73	-291.88	315.15	7,912.41	7,828.61	83.80	94.424		
16,000.00	7,253.25	6,425.00	6,404.79	253.73	27.47	53.73	-291.88	315.15	8,010.89	7,927.06	83.83	95.563		
16,100.00	7,253.49	6,425.00	6,404.79	256.56	27.47	53.73	-291.88	315.15	8,109.40	8,025.54	83.86	96.701		
16,200.00	7,253.74	6,425.00	6,404.79	259.39	27.47	53.73	-291.88	315.15	8,207.96	8,124.06	83.89	97.837		
16,300.00	7,253.99	6,425.00	6,404.79	262.22	27.47	53.73	-291.88	315.15	8,306.55	8,222.62	83.93	98.972		
16,400.00	7,254.24	6,425.00	6,404.79	265.05	27.47	53.73	-291.88	315.15	8,405.17	8,321.21	83.96	100.105		
16,500.00	7,254.49	6,425.00	6,404.79	267.88	27.47	53.73	-291.88	315.15	8,503.82	8,419.82	84.00	101.236		
16,600.00	7,254.74	6,425.00	6,404.79	270.72	27.47	53.73	-291.88	315.15	8,602.51	8,518.47	84.04	102.366		
16,700.00	7,254.99	6,425.00	6,404.79	273.55	27.47	53.73	-291.88	315.15	8,701.22	8,617.15	84.08	103.494		
16,800.00	7,255.24	6,425.00	6,404.79	276.38	27.47	53.73	-291.88	315.15	8,799.97	8,715.85	84.11	104.620		
16,900.00	7,255.48	6,425.00	6,404.79	279.22	27.47	53.73	-291.88	315.15	8,898.74	8,814.59	84.15	105.744		
17,000.00	7,255.73	6,425.00	6,404.79	282.05	27.47	53.73	-291.88	315.15	8,997.54	8,913.35	84.19	106.866		
17,100.00	7,255.98	6,425.00	6,404.79	284.89	27.47	53.73	-291.88	315.15	9,096.37	9,012.13	84.24	107.987		
17,200.00	7,256.23	6,425.00	6,404.79	287.73	27.47	53.73	-291.88	315.15	9,195.22	9,110.94	84.28	109.105		
17,300.00	7,256.48	6,425.00	6,404.79	290.56	27.47	53.73	-291.88	315.15	9,294.09	9,209.77	84.32	110.222		
17,400.00	7,256.73	6,425.00	6,404.79	293.40	27.47	53.73	-291.88	315.15	9,392.99	9,308.62	84.37	111.336		
17,500.00	7,256.98	6,425.00	6,404.79	296.24	27.47	53.73	-291.88	315.15	9,491.91	9,407.50	84.41	112.449		
17,600.00	7,257.22	6,425.00	6,404.79	299.07	27.47	53.73	-291.88	315.15	9,590.86	9,506.40	84.46	113.559		
17,700.00	7,257.47	6,425.00	6,404.79	301.91	27.47	53.73	-291.88	315.15	9,689.82	9,605.32	84.50	114.667		
17,800.00	7,257.72	6,425.00	6,404.79	304.75	27.47	53.73	-291.88	315.15	9,788.81	9,704.26	84.55	115.774		
17,900.00	7,257.97	6,425.00	6,404.79	307.59	27.47	53.73	-291.88	315.15	9,887.82	9,803.22	84.60	116.878		
18,000.00	7,258.22	6,425.00	6,404.79	310.43	27.47	53.73	-291.88	315.15	9,986.85	9,902.20	84.65	117.979		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	133.56	-482.70	507.54	700.51					
100.00	100.00	76.95	76.94	3.28	3.28	133.58	-483.33	507.86	701.19	694.62	6.57	106.721		
200.00	200.00	172.63	172.59	3.34	3.31	133.66	-485.66	508.99	703.71	697.06	6.65	105.817		
300.00	300.00	294.82	294.75	3.44	3.42	133.81	-487.64	508.37	704.46	697.59	6.87	102.519		
400.00	399.98	432.21	432.00	3.60	3.64	-2.29	-487.27	502.51	699.54	692.27	7.28	96.155		
500.00	499.84	557.34	556.46	3.79	3.91	-1.71	-485.12	489.84	685.78	677.99	7.78	88.117		
600.00	599.45	653.14	651.51	4.03	4.16	-1.13	-483.40	478.07	667.17	658.92	8.25	80.856		
700.00	698.70	732.65	730.35	4.30	4.38	-0.45	-484.07	467.86	646.74	638.03	8.71	74.229		
800.00	797.47	803.67	800.79	4.60	4.60	0.33	-487.70	459.59	626.77	617.57	9.20	68.098		
900.00	895.62	881.03	877.37	4.94	4.86	1.38	-494.76	451.32	607.14	597.37	9.77	62.122		
1,000.00	993.06	965.28	960.69	5.32	5.15	2.67	-504.52	443.47	587.09	576.68	10.41	56.399		
1,100.00	1,089.64	1,043.77	1,038.41	5.73	5.42	3.85	-514.23	438.32	566.35	555.29	11.06	51.222		
1,131.50	1,119.87	1,068.06	1,062.45	5.87	5.51	4.21	-517.48	437.30	559.87	548.60	11.27	49.686		
1,200.00	1,185.51	1,120.43	1,114.27	6.18	5.70	4.93	-524.98	436.04	546.75	535.03	11.72	46.649		
1,300.00	1,281.33	1,202.74	1,195.49	6.65	6.00	6.04	-538.28	436.24	530.82	518.40	12.42	42.748		
1,400.00	1,377.14	1,295.09	1,286.41	7.13	6.34	7.36	-554.43	437.37	516.87	503.70	13.17	39.248		
1,500.00	1,472.96	1,388.98	1,378.57	7.63	6.71	8.91	-572.35	438.00	504.27	490.32	13.95	36.138		
1,600.00	1,568.78	1,484.00	1,471.65	8.14	7.09	10.65	-591.48	438.23	492.74	477.98	14.77	33.372		
1,700.00	1,664.60	1,579.22	1,564.76	8.66	7.50	12.52	-611.38	438.53	482.44	466.85	15.60	30.935		
1,800.00	1,760.41	1,676.42	1,659.76	9.19	7.92	14.49	-631.94	439.04	473.03	456.58	16.45	28.755		
1,900.00	1,856.23	1,771.93	1,752.99	9.73	8.34	16.50	-652.64	439.76	464.79	447.48	17.31	26.848		
2,000.00	1,952.05	1,877.79	1,856.59	10.27	8.82	18.73	-674.42	440.75	456.26	438.02	18.24	25.014		
2,100.00	2,047.86	1,979.43	1,956.24	10.81	9.27	20.89	-694.35	441.81	447.51	428.35	19.16	23.359		
2,200.00	2,143.68	2,080.38	2,055.36	11.36	9.74	23.27	-713.48	441.33	438.25	418.16	20.09	21.817		
2,300.00	2,239.50	2,177.58	2,150.79	11.92	10.18	25.61	-731.97	441.21	429.93	408.92	21.01	20.462		
2,400.00	2,335.32	2,277.17	2,248.65	12.47	10.64	28.01	-750.47	441.72	422.12	400.16	21.96	19.224		
2,500.00	2,431.13	2,375.72	2,345.45	13.03	11.10	30.67	-768.91	440.69	414.88	391.97	22.92	18.103		
2,600.00	2,526.95	2,475.53	2,443.55	13.59	11.57	33.41	-787.29	439.86	408.33	384.43	23.90	17.085		
2,700.00	2,622.77	2,573.77	2,540.19	14.15	12.03	36.13	-804.90	439.48	402.31	377.42	24.89	16.166		
2,800.00	2,718.59	2,673.95	2,638.79	14.72	12.50	38.90	-822.66	439.51	397.06	371.17	25.90	15.333		
2,900.00	2,814.40	2,771.08	2,734.42	15.29	12.96	41.90	-839.58	437.91	392.44	365.53	26.91	14.583		
3,000.00	2,910.22	2,865.50	2,827.25	15.85	13.41	45.10	-856.53	434.68	389.58	361.65	27.93	13.948		
3,100.00	3,006.04	2,961.86	2,921.89	16.42	13.87	48.34	-874.38	431.72	388.62	359.65	28.98	13.412		
3,114.04	3,019.49	2,975.45	2,935.24	16.50	13.93	48.80	-876.91	431.31	388.61	359.48	29.12	13.343		
3,200.00	3,101.85	3,060.58	3,018.86	16.99	14.34	51.60	-892.69	429.16	388.95	358.90	30.05	12.943		
3,300.00	3,197.67	3,157.79	3,114.38	17.56	14.81	54.71	-910.64	427.32	390.34	359.22	31.12	12.543		
3,400.00	3,293.49	3,256.18	3,211.05	18.14	15.28	57.78	-928.88	425.75	392.93	360.72	32.21	12.200		
3,500.00	3,389.31	3,358.88	3,312.06	18.71	15.78	60.83	-947.43	425.04	395.94	362.60	33.34	11.877		
3,600.00	3,485.12	3,457.87	3,409.51	19.28	16.25	63.62	-964.86	425.24	399.24	364.80	34.44	11.593		
3,700.00	3,580.94	3,557.49	3,507.60	19.86	16.72	66.35	-982.23	425.78	403.20	367.66	35.54	11.344		
3,800.00	3,676.76	3,658.92	3,607.59	20.43	17.21	69.08	-999.18	426.63	407.29	370.63	36.67	11.108		
3,900.00	3,772.58	3,752.83	3,700.33	21.01	17.65	71.80	-1,013.96	425.86	412.23	374.49	37.74	10.924		
4,000.00	3,868.39	3,840.45	3,786.63	21.58	18.07	74.39	-1,028.89	423.41	420.27	381.54	38.73	10.850		
4,100.00	3,964.21	3,933.88	3,878.41	22.16	18.52	77.01	-1,046.08	420.36	430.77	390.99	39.78	10.829		
4,200.00	4,060.03	4,027.08	3,969.81	22.74	18.98	79.50	-1,063.97	416.70	443.23	402.42	40.81	10.860		
4,300.00	4,155.85	4,123.76	4,064.54	23.32	19.46	81.91	-1,082.96	412.99	456.87	414.99	41.89	10.907		
4,400.00	4,251.66	4,219.52	4,158.21	23.89	19.93	84.09	-1,102.49	409.40	471.78	428.83	42.94	10.986		
4,500.00	4,347.48	4,322.24	4,258.78	24.47	20.44	86.24	-1,123.16	406.30	486.66	442.57	44.09	11.038		
4,600.00	4,443.30	4,421.30	4,355.90	25.05	20.93	88.22	-1,142.49	403.68	501.45	456.26	45.18	11.098		
4,700.00	4,539.11	4,519.63	4,452.08	25.63	21.42	89.87	-1,162.89	402.38	516.64	470.38	46.26	11.168		
4,800.00	4,634.93	4,617.95	4,548.07	26.21	21.92	91.27	-1,184.21	402.18	531.99	484.66	47.33	11.239		
4,900.00	4,730.75	4,714.24	4,642.16	26.79	22.40	92.64	-1,204.62	401.40	547.81	499.43	48.38	11.323		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	4,815.11	4,740.79	27.37	22.91	94.05	-1,225.70	400.21	564.03	514.54	49.48	11.398		
5,100.00	4,922.38	4,911.41	4,835.19	27.95	23.38	95.42	-1,244.69	398.87	580.01	529.48	50.52	11.480		
5,200.00	5,018.20	5,019.28	4,940.99	28.53	23.92	96.90	-1,265.68	397.30	596.25	544.55	51.70	11.533		
5,300.00	5,114.02	5,123.62	5,043.41	29.11	24.43	98.16	-1,285.60	397.95	610.87	558.04	52.83	11.564		
5,400.00	5,209.84	5,229.90	5,147.80	29.69	24.95	99.37	-1,305.45	399.59	624.75	570.79	53.96	11.578		
5,500.00	5,305.65	5,335.35	5,251.73	30.27	25.46	100.66	-1,323.19	401.50	637.66	582.59	55.07	11.579		
5,600.00	5,401.47	5,434.10	5,349.34	30.86	25.92	101.95	-1,338.05	403.28	649.96	593.86	56.11	11.584		
5,700.00	5,497.29	5,518.84	5,432.95	31.44	26.33	102.98	-1,351.78	404.01	663.92	606.92	57.01	11.646		
5,800.00	5,593.10	5,611.60	5,524.28	32.02	26.78	104.00	-1,368.01	404.00	679.53	621.55	57.98	11.720		
5,900.00	5,688.92	5,712.22	5,623.49	32.60	27.27	105.14	-1,384.83	403.58	695.38	636.34	59.04	11.778		
6,000.00	5,784.74	5,806.44	5,716.11	33.18	27.73	106.02	-1,402.06	403.80	711.58	651.55	60.03	11.854		
6,100.00	5,880.56	5,902.98	5,810.56	33.76	28.21	106.70	-1,422.04	404.48	728.55	667.49	61.06	11.932		
6,200.00	5,976.37	6,008.53	5,914.07	34.35	28.73	107.50	-1,442.62	405.56	744.83	682.65	62.18	11.979		
6,300.00	6,072.19	6,103.58	6,007.63	34.93	29.20	108.32	-1,459.39	405.95	761.05	697.88	63.18	12.047		
6,400.00	6,168.01	6,202.82	6,105.15	35.51	29.68	109.09	-1,477.81	406.16	777.96	713.74	64.22	12.114		
6,500.00	6,263.83	6,319.12	6,219.67	36.09	30.25	110.01	-1,497.98	407.62	793.61	728.19	65.43	12.130		
6,600.00	6,359.64	6,600.00	6,933.85	36.68	32.47	95.85	-1,643.02	896.24	769.34	730.05	39.29	19.581		
6,700.00	6,455.46	7,457.67	6,980.17	37.26	35.96	77.38	-1,660.07	1,093.10	685.98	646.86	39.12	17.537		
6,733.48	6,487.54	7,484.85	6,982.41	37.45	36.30	73.73	-1,662.33	1,120.10	657.56	617.62	39.94	16.463		
6,750.00	6,503.41	7,495.80	6,983.05	37.55	36.43	66.15	-1,663.25	1,130.99	643.53	603.06	40.47	15.902		
6,800.00	6,551.83	7,508.23	6,983.85	37.82	36.63	42.49	-1,664.18	1,143.36	601.04	558.31	42.73	14.067		
6,850.00	6,600.62	7,517.90	6,984.33	38.05	36.76	14.52	-1,664.91	1,152.99	558.82	513.64	45.18	12.370		
6,900.00	6,649.47	7,520.67	6,984.46	38.25	36.80	-12.95	-1,665.12	1,155.75	517.52	469.55	47.96	10.790		
6,950.00	6,698.08	7,517.61	6,984.32	38.42	36.76	-35.24	-1,664.89	1,152.70	477.72	426.65	51.08	9.353		
7,000.00	6,746.15	7,509.60	6,983.93	38.57	36.65	-51.09	-1,664.28	1,144.73	440.06	385.57	54.49	8.075		
7,050.00	6,793.39	7,497.40	6,983.24	38.71	36.48	-61.65	-1,663.33	1,132.58	405.17	347.02	58.15	6.968		
7,100.00	6,839.50	7,481.62	6,982.19	38.84	36.26	-68.34	-1,662.06	1,116.89	373.74	311.84	61.90	6.038		
7,150.00	6,884.20	7,463.00	6,980.68	38.97	36.02	-72.21	-1,660.51	1,098.40	346.50	280.94	65.57	5.285		
7,200.00	6,927.21	7,442.66	6,978.55	39.11	35.77	-74.04	-1,658.82	1,078.24	324.23	255.41	68.82	4.712		
7,250.00	6,968.28	7,420.91	6,975.71	39.25	35.50	-74.26	-1,657.02	1,056.75	307.64	236.38	71.26	4.317		
7,300.00	7,007.13	7,398.01	6,972.10	39.41	35.23	-73.16	-1,655.14	1,034.21	297.28	224.73	72.55	4.097		
7,350.00	7,043.55	7,374.07	6,967.65	39.58	34.96	-70.97	-1,653.19	1,010.77	293.35	220.83	72.52	4.045 ES, SF		
7,356.26	7,047.92	7,371.00	6,967.02	39.60	34.92	-70.63	-1,652.94	1,007.78	293.30	220.87	72.43	4.050 CC		
7,400.00	7,077.29	7,349.23	6,962.29	39.77	34.70	-67.89	-1,651.16	986.61	295.58	224.33	71.25	4.149		
7,450.00	7,108.16	7,323.75	6,956.02	39.98	34.45	-64.16	-1,649.09	961.99	303.33	234.29	69.05	4.393		
7,500.00	7,135.96	7,297.71	6,948.81	40.22	34.20	-60.00	-1,646.97	937.07	315.69	249.32	66.36	4.757		
7,550.00	7,160.53	7,270.04	6,940.28	40.49	33.98	-55.48	-1,644.67	910.85	331.59	267.99	63.60	5.214		
7,600.00	7,181.70	7,241.33	6,930.55	40.79	33.78	-50.88	-1,642.11	883.96	349.93	288.90	61.03	5.733		
7,650.00	7,199.35	7,212.32	6,919.82	41.13	33.60	-46.45	-1,639.33	857.15	369.87	311.01	58.86	6.284		
7,700.00	7,213.38	7,193.00	6,912.19	41.51	33.51	-43.15	-1,637.36	839.51	390.86	333.10	57.76	6.767		
7,750.00	7,223.68	7,158.21	6,897.25	41.93	33.36	-38.82	-1,633.76	808.31	412.15	355.88	56.27	7.325		
7,800.00	7,230.21	7,132.21	6,885.01	42.38	33.26	-35.54	-1,631.07	785.52	433.81	378.02	55.79	7.776		
7,850.00	7,232.92	7,099.00	6,868.08	42.87	33.16	-32.18	-1,627.67	757.16	455.43	400.19	55.24	8.244		
7,858.69	7,233.00	7,099.00	6,868.08	42.95	33.16	-31.93	-1,627.67	757.16	459.06	403.48	55.58	8.260		
7,900.00	7,233.10	7,080.75	6,858.16	43.38	33.11	-31.01	-1,625.80	741.96	477.32	421.34	55.98	8.527		
8,000.00	7,233.35	7,033.83	6,830.68	44.56	32.97	-28.66	-1,620.99	704.24	527.08	470.22	56.85	9.271		
8,100.00	7,233.60	6,989.34	6,802.15	45.91	32.85	-26.50	-1,616.35	670.44	583.76	525.88	57.88	10.086		
8,200.00	7,233.85	6,945.33	6,772.02	47.41	32.72	-24.36	-1,610.82	638.85	645.83	587.01	58.82	10.980		
8,300.00	7,234.10	6,911.00	6,747.36	49.05	32.63	-22.71	-1,605.70	615.52	712.51	652.41	60.10	11.856		
8,400.00	7,234.35	6,867.58	6,714.95	50.81	32.48	-20.69	-1,598.46	587.56	782.97	722.21	60.76	12.887		
8,500.00	7,234.59	6,832.94	6,688.26	52.68	32.37	-19.14	-1,592.21	566.38	856.68	795.00	61.67	13.890		
8,600.00	7,234.84	6,815.00	6,674.17	54.65	32.32	-18.36	-1,588.80	555.82	933.36	870.36	63.00	14.815		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 141-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,235.09	6,774.81	6,641.87	56.70	32.17	-16.71	-1,581.13	533.17	1,012.17	948.73	63.45	15.953		
8,800.00	7,235.34	6,749.66	6,621.16	58.82	32.09	-15.75	-1,576.41	519.71	1,093.30	1,029.10	64.20	17.030		
8,900.00	7,235.59	6,720.00	6,596.25	61.01	31.98	-14.69	-1,570.93	504.56	1,176.30	1,111.59	64.70	18.180		
9,000.00	7,235.84	6,720.00	6,596.25	63.25	31.98	-14.69	-1,570.93	504.56	1,261.01	1,195.25	65.76	19.176		
9,100.00	7,236.09	6,687.65	6,568.51	65.55	31.86	-13.60	-1,565.01	489.02	1,346.81	1,280.76	66.04	20.393		
9,200.00	7,236.34	6,670.67	6,553.70	67.89	31.80	-13.06	-1,561.90	481.30	1,434.04	1,367.50	66.54	21.551		
9,300.00	7,236.58	6,654.97	6,539.88	70.27	31.74	-12.58	-1,559.04	474.44	1,522.37	1,455.39	66.98	22.728		
9,400.00	7,236.83	6,627.00	6,514.92	72.69	31.63	-11.76	-1,553.95	462.88	1,611.83	1,544.63	67.20	23.985		
9,500.00	7,237.08	6,627.00	6,514.92	75.14	31.63	-11.76	-1,553.95	462.88	1,701.81	1,634.08	67.73	25.127		
9,600.00	7,237.33	6,627.00	6,514.92	77.62	31.63	-11.76	-1,553.95	462.88	1,792.85	1,724.68	68.18	26.298		
9,700.00	7,237.58	6,627.00	6,514.92	80.12	31.63	-11.76	-1,553.95	462.88	1,884.81	1,816.25	68.55	27.494		
9,800.00	7,237.83	6,627.00	6,514.92	82.65	31.63	-11.76	-1,553.95	462.88	1,977.54	1,908.66	68.88	28.711		
9,900.00	7,238.08	6,587.82	6,479.27	85.20	31.47	-10.67	-1,546.73	448.35	2,069.45	2,000.59	68.86	30.054		
10,000.00	7,238.32	6,579.67	6,471.75	87.77	31.44	-10.45	-1,545.21	445.59	2,162.78	2,093.71	69.07	31.312		
10,100.00	7,238.57	6,572.05	6,464.69	90.36	31.41	-10.25	-1,543.77	443.10	2,256.56	2,187.30	69.27	32.579		
10,200.00	7,238.82	6,533.00	6,428.13	92.97	31.25	-9.27	-1,536.31	431.63	2,351.73	2,282.49	69.24	33.963		
10,300.00	7,239.07	6,533.00	6,428.13	95.59	31.25	-9.27	-1,536.31	431.63	2,445.93	2,376.48	69.46	35.214		
10,400.00	7,239.32	6,533.00	6,428.13	98.22	31.25	-9.27	-1,536.31	431.63	2,540.58	2,470.93	69.65	36.476		
10,500.00	7,239.57	6,533.00	6,428.13	100.87	31.25	-9.27	-1,536.31	431.63	2,635.62	2,565.80	69.82	37.747		
10,600.00	7,239.82	6,533.00	6,428.13	103.52	31.25	-9.27	-1,536.31	431.63	2,731.02	2,661.04	69.98	39.027		
10,700.00	7,240.07	6,533.00	6,428.13	106.19	31.25	-9.27	-1,536.31	431.63	2,826.73	2,756.61	70.12	40.314		
10,800.00	7,240.31	6,533.00	6,428.13	108.87	31.25	-9.27	-1,536.31	431.63	2,922.73	2,852.49	70.25	41.607		
10,900.00	7,240.56	6,533.00	6,428.13	111.56	31.25	-9.27	-1,536.31	431.63	3,018.99	2,948.63	70.36	42.906		
11,000.00	7,240.81	6,533.00	6,428.13	114.25	31.25	-9.27	-1,536.31	431.63	3,115.49	3,045.02	70.47	44.209		
11,100.00	7,241.06	6,533.00	6,428.13	116.96	31.25	-9.27	-1,536.31	431.63	3,212.20	3,141.63	70.57	45.517		
11,200.00	7,241.31	6,533.00	6,428.13	119.67	31.25	-9.27	-1,536.31	431.63	3,309.11	3,238.44	70.66	46.829		
11,300.00	7,241.56	6,533.00	6,428.13	122.39	31.25	-9.27	-1,536.31	431.63	3,406.19	3,335.44	70.75	48.143		
11,400.00	7,241.81	6,533.00	6,428.13	125.11	31.25	-9.27	-1,536.31	431.63	3,503.44	3,432.61	70.83	49.460		
11,500.00	7,242.06	6,533.00	6,428.13	127.84	31.25	-9.27	-1,536.31	431.63	3,600.84	3,529.93	70.91	50.779		
11,600.00	7,242.30	6,533.00	6,428.13	130.58	31.25	-9.27	-1,536.31	431.63	3,698.38	3,627.39	70.99	52.101		
11,700.00	7,242.55	6,533.00	6,428.13	133.32	31.25	-9.27	-1,536.31	431.63	3,796.04	3,724.99	71.06	53.423		
11,800.00	7,242.80	6,533.00	6,428.13	136.07	31.25	-9.27	-1,536.31	431.63	3,893.83	3,822.70	71.12	54.747		
11,900.00	7,243.05	6,533.00	6,428.13	138.82	31.25	-9.27	-1,536.31	431.63	3,991.72	3,920.53	71.19	56.072		
12,000.00	7,243.30	6,533.00	6,428.13	141.58	31.25	-9.27	-1,536.31	431.63	4,089.72	4,018.47	71.25	57.397		
12,100.00	7,243.55	6,491.50	6,388.52	144.34	31.06	-8.31	-1,528.41	422.12	4,186.03	4,114.79	71.24	58.759		
12,200.00	7,243.80	6,489.34	6,386.44	147.10	31.05	-8.26	-1,528.01	421.71	4,284.03	4,212.73	71.30	60.084		
12,300.00	7,244.04	6,487.27	6,384.44	149.87	31.04	-8.21	-1,527.62	421.33	4,382.11	4,310.75	71.36	61.408		
12,400.00	7,244.29	6,485.28	6,382.52	152.64	31.03	-8.17	-1,527.25	420.96	4,480.26	4,408.84	71.42	62.733		
12,500.00	7,244.54	6,483.36	6,380.67	155.41	31.02	-8.13	-1,526.89	420.62	4,578.49	4,507.01	71.48	64.056		
12,600.00	7,244.79	6,481.52	6,378.89	158.19	31.01	-8.09	-1,526.55	420.29	4,676.78	4,605.25	71.53	65.380		
12,700.00	7,245.04	6,440.00	6,338.47	160.97	30.83	-7.24	-1,518.99	414.59	4,776.74	4,705.21	71.54	66.774		
12,800.00	7,245.29	6,440.00	6,338.47	163.75	30.83	-7.24	-1,518.99	414.59	4,875.03	4,803.43	71.60	68.091		
12,900.00	7,245.54	6,440.00	6,338.47	166.54	30.83	-7.24	-1,518.99	414.59	4,973.37	4,901.72	71.66	69.406		
13,000.00	7,245.79	6,440.00	6,338.47	169.33	30.83	-7.24	-1,518.99	414.59	5,071.79	5,000.07	71.72	70.721		
13,100.00	7,246.03	6,440.00	6,338.47	172.12	30.83	-7.24	-1,518.99	414.59	5,170.26	5,098.49	71.77	72.035		
13,200.00	7,246.28	6,440.00	6,338.47	174.91	30.83	-7.24	-1,518.99	414.59	5,268.79	5,196.96	71.83	73.348		
13,300.00	7,246.53	6,440.00	6,338.47	177.71	30.83	-7.24	-1,518.99	414.59	5,367.38	5,295.49	71.89	74.660		
13,400.00	7,246.78	6,440.00	6,338.47	180.50	30.83	-7.24	-1,518.99	414.59	5,466.02	5,394.07	71.95	75.970		
13,500.00	7,247.03	6,440.00	6,338.47	183.30	30.83	-7.24	-1,518.99	414.59	5,564.71	5,492.70	72.01	77.280		
13,600.00	7,247.28	6,440.00	6,338.47	186.10	30.83	-7.24	-1,518.99	414.59	5,663.44	5,591.37	72.07	78.587		
13,700.00	7,247.53	6,440.00	6,338.47	188.91	30.83	-7.24	-1,518.99	414.59	5,762.21	5,690.09	72.12	79.893		
13,800.00	7,247.77	6,440.00	6,338.47	191.71	30.83	-7.24	-1,518.99	414.59	5,861.03	5,788.85	72.18	81.198		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 141-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	6,440.00	6,338.47	194.52	30.83	-7.24	-1,518.99	414.59	5,959.89	5,887.65	72.24	82.500		
14,000.00	7,248.27	6,440.00	6,338.47	197.32	30.83	-7.24	-1,518.99	414.59	6,058.78	5,986.48	72.30	83.801		
14,100.00	7,248.52	6,440.00	6,338.47	200.13	30.83	-7.24	-1,518.99	414.59	6,157.71	6,085.35	72.36	85.100		
14,200.00	7,248.77	6,440.00	6,338.47	202.94	30.83	-7.24	-1,518.99	414.59	6,256.68	6,184.26	72.42	86.396		
14,300.00	7,249.02	6,440.00	6,338.47	205.76	30.83	-7.24	-1,518.99	414.59	6,355.67	6,283.20	72.48	87.691		
14,400.00	7,249.27	6,440.00	6,338.47	208.57	30.83	-7.24	-1,518.99	414.59	6,454.70	6,382.16	72.54	88.983		
14,500.00	7,249.52	6,440.00	6,338.47	211.38	30.83	-7.24	-1,518.99	414.59	6,553.76	6,481.16	72.60	90.273		
14,600.00	7,249.76	6,440.00	6,338.47	214.20	30.83	-7.24	-1,518.99	414.59	6,652.84	6,580.18	72.66	91.561		
14,700.00	7,250.01	6,440.00	6,338.47	217.02	30.83	-7.24	-1,518.99	414.59	6,751.96	6,679.24	72.72	92.847		
14,800.00	7,250.26	6,440.00	6,338.47	219.84	30.83	-7.24	-1,518.99	414.59	6,851.10	6,778.31	72.78	94.129		
14,900.00	7,250.51	6,440.00	6,338.47	222.65	30.83	-7.24	-1,518.99	414.59	6,950.26	6,877.41	72.85	95.410		
15,000.00	7,250.76	6,440.00	6,338.47	225.48	30.83	-7.24	-1,518.99	414.59	7,049.44	6,976.54	72.91	96.688		
15,100.00	7,251.01	6,440.00	6,338.47	228.30	30.83	-7.24	-1,518.99	414.59	7,148.65	7,075.68	72.97	97.963		
15,200.00	7,251.26	6,440.00	6,338.47	231.12	30.83	-7.24	-1,518.99	414.59	7,247.88	7,174.85	73.04	99.235		
15,300.00	7,251.50	6,440.00	6,338.47	233.94	30.83	-7.24	-1,518.99	414.59	7,347.14	7,274.03	73.10	100.505		
15,400.00	7,251.75	6,440.00	6,338.47	236.77	30.83	-7.24	-1,518.99	414.59	7,446.41	7,373.24	73.17	101.772		
15,500.00	7,252.00	6,440.00	6,338.47	239.59	30.83	-7.24	-1,518.99	414.59	7,545.70	7,472.47	73.23	103.036		
15,600.00	7,252.25	6,440.00	6,338.47	242.42	30.83	-7.24	-1,518.99	414.59	7,645.01	7,571.71	73.30	104.297		
15,700.00	7,252.50	6,440.00	6,338.47	245.24	30.83	-7.24	-1,518.99	414.59	7,744.34	7,670.97	73.37	105.555		
15,800.00	7,252.75	6,440.00	6,338.47	248.07	30.83	-7.24	-1,518.99	414.59	7,843.68	7,770.25	73.44	106.811		
15,900.00	7,253.00	6,440.00	6,338.47	250.90	30.83	-7.24	-1,518.99	414.59	7,943.04	7,869.54	73.50	108.063		
16,000.00	7,253.25	6,440.00	6,338.47	253.73	30.83	-7.24	-1,518.99	414.59	8,042.42	7,968.84	73.57	109.312		
16,100.00	7,253.49	6,440.00	6,338.47	256.56	30.83	-7.24	-1,518.99	414.59	8,141.81	8,068.17	73.64	110.558		
16,200.00	7,253.74	6,440.00	6,338.47	259.39	30.83	-7.24	-1,518.99	414.59	8,241.22	8,167.50	73.71	111.801		
16,300.00	7,253.99	6,440.00	6,338.47	262.22	30.83	-7.24	-1,518.99	414.59	8,340.64	8,266.85	73.78	113.041		
16,400.00	7,254.24	6,440.00	6,338.47	265.05	30.83	-7.24	-1,518.99	414.59	8,440.07	8,366.22	73.86	114.277		
16,500.00	7,254.49	6,440.00	6,338.47	267.88	30.83	-7.24	-1,518.99	414.59	8,539.52	8,465.59	73.93	115.510		
16,600.00	7,254.74	6,440.00	6,338.47	270.72	30.83	-7.24	-1,518.99	414.59	8,638.98	8,564.98	74.00	116.740		
16,700.00	7,254.99	6,440.00	6,338.47	273.55	30.83	-7.24	-1,518.99	414.59	8,738.45	8,664.38	74.08	117.967		
16,800.00	7,255.24	6,440.00	6,338.47	276.38	30.83	-7.24	-1,518.99	414.59	8,837.94	8,763.79	74.15	119.190		
16,900.00	7,255.48	6,440.00	6,338.47	279.22	30.83	-7.24	-1,518.99	414.59	8,937.43	8,863.21	74.23	120.410		
17,000.00	7,255.73	6,440.00	6,338.47	282.05	30.83	-7.24	-1,518.99	414.59	9,036.94	8,962.64	74.30	121.626		
17,100.00	7,255.98	6,440.00	6,338.47	284.89	30.83	-7.24	-1,518.99	414.59	9,136.46	9,062.08	74.38	122.839		
17,200.00	7,256.23	6,440.00	6,338.47	287.73	30.83	-7.24	-1,518.99	414.59	9,235.99	9,161.53	74.45	124.049		
17,300.00	7,256.48	6,440.00	6,338.47	290.56	30.83	-7.24	-1,518.99	414.59	9,335.53	9,260.99	74.53	125.255		
17,400.00	7,256.73	6,440.00	6,338.47	293.40	30.83	-7.24	-1,518.99	414.59	9,435.07	9,360.46	74.61	126.457		
17,500.00	7,256.98	6,440.00	6,338.47	296.24	30.83	-7.24	-1,518.99	414.59	9,534.63	9,459.94	74.69	127.656		
17,600.00	7,257.22	6,440.00	6,338.47	299.07	30.83	-7.24	-1,518.99	414.59	9,634.20	9,559.43	74.77	128.852		
17,700.00	7,257.47	6,440.00	6,338.47	301.91	30.83	-7.24	-1,518.99	414.59	9,733.78	9,658.92	74.85	130.043		
17,800.00	7,257.72	6,440.00	6,338.47	304.75	30.83	-7.24	-1,518.99	414.59	9,833.36	9,758.43	74.93	131.232		
17,900.00	7,257.97	6,440.00	6,338.47	307.59	30.83	-7.24	-1,518.99	414.59	9,932.95	9,857.94	75.01	132.416		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	140.86	-622.59	506.71	802.80					
100.00	100.00	94.75	94.75	3.28	3.29	140.86	-622.30	506.52	802.41	795.84	6.57	122.104		
200.00	200.00	201.20	201.20	3.34	3.31	140.85	-621.30	505.87	801.29	794.64	6.65	120.536		
300.00	300.00	309.76	309.73	3.44	3.38	140.80	-619.23	504.96	799.29	792.46	6.83	117.067		
400.00	399.98	424.12	423.97	3.60	3.54	4.20	-614.27	504.83	794.13	786.99	7.14	111.170		
500.00	499.84	527.76	527.45	3.79	3.73	4.00	-608.38	504.26	784.19	776.65	7.53	104.082		
600.00	599.45	610.06	609.68	4.03	3.91	4.00	-605.39	502.90	771.66	763.72	7.94	97.167		
700.00	698.70	695.35	694.93	4.30	4.12	4.20	-605.26	500.63	757.70	749.28	8.42	90.019		
800.00	797.47	780.71	780.12	4.60	4.35	4.71	-608.51	496.56	742.04	733.10	8.94	82.972		
900.00	895.62	873.30	872.14	4.94	4.62	5.67	-615.87	489.50	724.48	714.94	9.54	75.954		
1,000.00	993.06	966.86	964.66	5.32	4.91	7.03	-625.71	479.72	704.10	693.92	10.18	69.135		
1,100.00	1,089.64	1,057.16	1,053.41	5.73	5.22	8.75	-637.53	468.02	681.42	670.55	10.87	62.708		
1,131.50	1,119.87	1,085.27	1,080.99	5.87	5.32	9.35	-641.49	464.22	673.86	662.77	11.09	60.751		
1,200.00	1,185.51	1,146.43	1,140.89	6.18	5.55	10.68	-650.49	455.78	657.60	646.01	11.58	56.764		
1,300.00	1,281.33	1,236.63	1,229.05	6.65	5.90	12.81	-664.61	442.99	635.18	622.85	12.33	51.512		
1,400.00	1,377.14	1,331.95	1,322.00	7.13	6.29	15.31	-680.30	428.81	614.18	601.05	13.13	46.775		
1,500.00	1,472.96	1,430.73	1,418.23	7.63	6.71	18.12	-696.19	413.16	593.73	579.76	13.97	42.495		
1,600.00	1,568.78	1,531.46	1,516.52	8.14	7.15	21.14	-711.38	397.26	573.87	559.03	14.84	38.660		
1,700.00	1,664.60	1,630.98	1,614.06	8.66	7.58	24.17	-724.55	382.55	554.22	538.49	15.73	35.238		
1,800.00	1,760.41	1,725.66	1,707.33	9.19	8.00	26.97	-735.75	370.80	535.46	518.86	16.60	32.251		
1,900.00	1,856.23	1,818.92	1,799.63	9.73	8.40	29.55	-746.17	362.42	518.28	500.80	17.48	29.651		
2,000.00	1,952.05	1,915.10	1,895.11	10.27	8.81	32.02	-756.35	356.89	502.37	484.00	18.37	27.347		
2,100.00	2,047.86	2,032.41	2,011.73	10.81	9.30	35.21	-766.73	350.02	485.91	466.58	19.32	25.144		
2,200.00	2,143.68	2,128.65	2,107.57	11.36	9.71	38.10	-772.60	343.40	467.72	447.47	20.25	23.101		
2,300.00	2,239.50	2,223.65	2,202.24	11.92	10.11	41.03	-778.38	337.94	450.88	429.70	21.18	21.289		
2,400.00	2,335.32	2,318.34	2,296.63	12.47	10.51	44.05	-784.27	333.26	435.48	413.36	22.13	19.682		
2,500.00	2,431.13	2,433.01	2,411.11	13.03	10.99	47.84	-788.56	328.69	418.95	395.85	23.10	18.136		
2,600.00	2,526.95	2,527.76	2,505.80	13.59	11.38	51.11	-790.59	325.96	402.30	378.22	24.08	16.710		
2,700.00	2,622.77	2,624.56	2,602.54	14.15	11.78	54.68	-792.64	323.34	387.08	362.01	25.07	15.441		
2,800.00	2,718.59	2,721.74	2,699.67	14.72	12.19	58.56	-794.23	320.66	373.08	347.00	26.08	14.304		
2,900.00	2,814.40	2,819.36	2,797.24	15.29	12.59	62.76	-795.59	317.72	360.81	333.70	27.11	13.308		
3,000.00	2,910.22	2,920.82	2,898.68	15.85	13.01	67.27	-795.69	316.15	348.95	320.80	28.14	12.399		
3,100.00	3,006.04	3,015.29	2,993.15	16.42	13.39	71.68	-795.50	315.08	338.84	309.65	29.19	11.608		
3,200.00	3,101.85	3,109.87	3,087.72	16.99	13.78	76.33	-795.61	313.66	331.50	301.25	30.24	10.961		
3,300.00	3,197.67	3,205.57	3,183.41	17.56	14.18	81.20	-795.73	312.28	326.65	295.36	31.29	10.439		
3,400.00	3,293.49	3,301.05	3,278.87	18.14	14.58	86.15	-795.87	310.81	324.51	292.19	32.32	10.040		
3,434.05	3,326.12	3,333.84	3,311.66	18.33	14.72	87.87	-795.90	310.31	324.37	291.70	32.67	9.929 CC		
3,500.00	3,389.31	3,397.94	3,375.76	18.71	14.98	91.22	-795.82	309.40	324.87	291.54	33.33	9.747 ES		
3,600.00	3,485.12	3,494.80	3,472.60	19.28	15.38	96.30	-795.21	308.17	327.43	293.12	34.30	9.545		
3,700.00	3,580.94	3,590.84	3,568.63	19.86	15.77	101.27	-794.19	306.98	332.43	297.19	35.24	9.433		
3,800.00	3,676.76	3,685.80	3,663.58	20.43	16.16	106.01	-793.24	305.96	339.93	303.79	36.14	9.406		
3,900.00	3,772.58	3,782.22	3,760.00	21.01	16.56	110.56	-792.49	304.86	350.00	312.98	37.02	9.456		
4,000.00	3,868.39	3,886.28	3,864.05	21.58	16.98	115.05	-792.11	305.19	361.08	323.18	37.90	9.528		
4,100.00	3,964.21	3,983.98	3,961.72	22.16	17.35	118.94	-791.64	307.58	371.99	333.26	38.72	9.606		
4,200.00	4,060.03	4,078.29	4,056.01	22.74	17.72	122.47	-791.33	309.45	385.02	345.51	39.51	9.744		
4,300.00	4,155.85	4,173.20	4,150.90	23.32	18.09	125.77	-791.24	311.02	399.87	359.58	40.30	9.924		
4,400.00	4,251.66	4,267.03	4,244.72	23.89	18.46	128.74	-791.68	312.28	416.37	375.30	41.07	10.139		
4,500.00	4,347.48	4,361.66	4,339.35	24.47	18.84	131.49	-792.30	313.02	434.50	392.66	41.84	10.384		
4,600.00	4,443.30	4,457.08	4,434.76	25.05	19.22	133.98	-793.42	313.58	453.77	411.14	42.64	10.643		
4,700.00	4,539.11	4,552.45	4,530.12	25.63	19.62	136.23	-794.89	313.98	473.99	430.56	43.44	10.912		
4,800.00	4,634.93	4,648.44	4,626.10	26.21	20.01	138.32	-796.35	314.25	495.02	450.77	44.25	11.188		
4,900.00	4,730.75	4,746.85	4,724.49	26.79	20.42	140.25	-798.17	314.64	516.49	471.40	45.09	11.455		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	4,838.40	4,816.00	27.37	20.81	141.80	-800.79	314.87	538.46	492.59	45.87	11.739		
5,100.00	4,922.38	4,928.88	4,906.44	27.95	21.19	143.23	-803.18	314.03	561.96	515.32	46.64	12.049		
5,200.00	5,018.20	5,022.41	4,999.95	28.53	21.59	144.62	-805.12	312.55	586.54	539.09	47.45	12.362		
5,300.00	5,114.02	5,118.86	5,096.37	29.11	22.01	145.99	-806.74	310.98	611.58	563.28	48.30	12.663		
5,400.00	5,209.84	5,215.02	5,192.51	29.69	22.42	147.32	-807.62	309.76	636.78	587.64	49.14	12.960		
5,500.00	5,305.65	5,306.20	5,283.68	30.27	22.80	148.68	-806.27	308.98	662.54	612.65	49.89	13.280		
5,600.00	5,401.47	5,398.10	5,375.54	30.86	23.18	150.03	-803.85	307.81	689.36	638.71	50.65	13.610		
5,700.00	5,497.29	5,487.66	5,465.06	31.44	23.55	151.25	-801.37	306.30	716.97	665.58	51.39	13.952		
5,800.00	5,593.10	5,587.43	5,564.77	32.02	23.97	152.43	-799.50	303.80	745.35	693.07	52.28	14.258		
5,900.00	5,688.92	5,694.60	5,671.92	32.60	24.43	153.43	-800.00	301.89	772.52	719.24	53.28	14.500		
6,000.00	5,784.74	5,796.28	5,773.58	33.18	24.87	154.26	-801.70	300.85	798.74	744.53	54.21	14.734		
6,100.00	5,880.56	5,880.50	5,857.79	33.76	25.22	154.95	-802.28	300.09	825.38	770.45	54.93	15.027		
6,200.00	5,976.37	5,975.89	5,953.17	34.35	25.63	155.81	-801.06	298.88	853.19	797.43	55.77	15.299		
6,300.00	6,072.19	6,076.74	6,054.01	34.93	26.05	156.63	-800.30	297.98	880.65	823.96	56.68	15.537		
6,400.00	6,168.01	6,172.90	6,150.17	35.51	26.46	157.35	-799.92	297.37	907.88	850.34	57.54	15.778		
6,500.00	6,263.83	6,268.25	6,245.52	36.09	26.86	158.03	-799.45	296.78	935.26	876.86	58.39	16.016		
6,600.00	6,359.64	7,740.03	7,146.25	36.68	37.34	-150.96	-796.34	1,159.82	903.20	861.88	41.32	21.858		
6,700.00	6,455.46	7,755.43	7,146.39	37.26	37.59	-149.55	-796.44	1,175.21	830.82	784.97	45.85	18.122		
6,733.48	6,487.54	7,760.78	7,146.47	37.45	37.68	-149.06	-796.46	1,180.57	807.81	760.32	47.49	17.009		
6,750.00	6,503.41	7,763.30	7,146.50	37.55	37.72	-151.40	-796.47	1,183.08	796.68	748.35	48.33	16.485		
6,800.00	6,551.83	7,769.08	7,146.60	37.82	37.82	-161.92	-796.50	1,188.86	763.83	712.90	50.93	14.997		
6,850.00	6,600.62	7,771.96	7,146.66	38.05	37.86	-177.42	-796.51	1,191.74	732.58	678.95	53.63	13.661		
6,900.00	6,649.47	7,771.80	7,146.65	38.25	37.86	165.40	-796.51	1,191.58	703.38	647.01	56.37	12.478		
6,950.00	6,698.08	7,768.46	7,146.59	38.42	37.81	150.96	-796.50	1,188.24	676.71	617.60	59.11	11.449		
7,000.00	6,746.15	7,761.81	7,146.48	38.57	37.70	140.55	-796.47	1,181.59	652.97	591.20	61.77	10.572		
7,050.00	6,793.39	7,751.73	7,146.35	38.71	37.53	133.17	-796.42	1,171.52	632.52	568.25	64.27	9.842		
7,100.00	6,839.50	7,738.15	7,146.24	38.84	37.31	127.62	-796.33	1,157.93	615.64	549.11	66.53	9.253		
7,150.00	6,884.20	7,720.99	7,146.21	38.97	37.03	123.06	-796.20	1,140.77	602.46	533.99	68.47	8.799		
7,200.00	6,927.21	7,700.01	7,146.33	39.11	36.69	118.98	-796.01	1,119.80	592.97	522.94	70.02	8.468		
7,250.00	6,968.28	7,669.52	7,146.47	39.25	36.24	114.63	-795.73	1,089.31	586.85	515.76	71.09	8.255		
7,300.00	7,007.13	7,636.33	7,146.28	39.41	35.75	110.45	-795.51	1,056.12	583.67	511.92	71.76	8.134		
7,338.81	7,035.62	7,608.87	7,145.85	39.54	35.34	107.28	-795.38	1,028.66	582.98	510.95	72.02	8.094		
7,350.00	7,043.55	7,601.11	7,145.68	39.58	35.23	106.41	-795.35	1,020.91	583.03	510.96	72.08	8.089 SF		
7,400.00	7,077.29	7,566.89	7,144.38	39.77	34.77	102.68	-795.12	986.72	584.61	512.42	72.19	8.098		
7,450.00	7,108.16	7,531.85	7,142.12	39.98	34.31	99.09	-794.68	951.75	588.11	516.02	72.09	8.158		
7,500.00	7,135.96	7,493.26	7,138.58	40.22	33.82	95.48	-794.03	913.33	593.12	521.34	71.78	8.263		
7,550.00	7,160.53	7,449.76	7,133.49	40.49	33.31	91.85	-793.47	870.14	598.93	527.63	71.29	8.401		
7,600.00	7,181.70	7,407.59	7,127.45	40.79	32.83	88.60	-793.16	828.40	605.07	534.28	70.80	8.547		
7,650.00	7,199.35	7,373.06	7,120.60	41.13	32.48	85.91	-792.81	794.57	611.69	541.19	70.50	8.676		
7,700.00	7,213.38	7,339.68	7,111.84	41.51	32.14	83.39	-792.28	762.37	618.84	548.60	70.24	8.810		
7,750.00	7,223.68	7,302.36	7,099.67	41.93	31.80	80.82	-791.54	727.11	626.32	556.39	69.93	8.957		
7,800.00	7,230.21	7,260.44	7,083.47	42.38	31.45	78.21	-791.14	688.45	633.47	563.93	69.53	9.111		
7,850.00	7,232.92	7,219.76	7,065.32	42.87	31.13	75.84	-791.26	652.05	640.08	570.88	69.20	9.249		
7,858.69	7,233.00	7,212.81	7,061.98	42.95	31.08	75.45	-791.34	645.95	641.17	572.01	69.16	9.271		
7,900.00	7,233.10	7,180.89	7,045.72	43.38	30.86	74.02	-791.89	618.50	646.71	577.73	68.97	9.376		
8,000.00	7,233.35	7,115.79	7,008.15	44.56	30.45	70.77	-794.01	565.42	664.23	595.44	68.79	9.656		
8,100.00	7,233.60	7,066.44	6,976.55	45.91	30.18	68.12	-795.30	527.54	689.52	620.42	69.09	9.979		
8,200.00	7,233.85	7,021.77	6,945.98	47.41	29.95	65.68	-795.81	494.98	722.95	653.47	69.47	10.406		
8,300.00	7,234.10	6,981.90	6,916.99	49.05	29.77	63.45	-795.96	467.62	764.13	694.21	69.92	10.928		
8,400.00	7,234.35	6,941.00	6,885.60	50.81	29.59	61.13	-795.89	441.41	812.54	742.34	70.20	11.575		
8,500.00	7,234.59	6,915.56	6,865.23	52.68	29.49	59.69	-795.84	426.17	867.35	796.47	70.88	12.237		
8,600.00	7,234.84	6,888.56	6,842.87	54.65	29.38	58.14	-795.94	411.05	927.94	856.59	71.35	13.006		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 250-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,235.09	6,846.00	6,806.19	56.70	29.21	55.70	-796.40	389.48	993.97	922.72	71.25	13.951		
8,800.00	7,235.34	6,846.00	6,806.19	58.82	29.21	55.70	-796.40	389.48	1,063.48	991.28	72.20	14.729		
8,900.00	7,235.59	6,813.58	6,777.47	61.01	29.09	53.87	-796.98	374.45	1,136.83	1,064.61	72.22	15.742		
9,000.00	7,235.84	6,785.55	6,752.38	63.25	28.98	52.33	-797.64	361.98	1,212.91	1,140.62	72.29	16.778		
9,100.00	7,236.09	6,753.00	6,722.95	65.55	28.85	50.59	-798.58	348.11	1,291.37	1,219.13	72.24	17.876		
9,200.00	7,236.34	6,753.00	6,722.95	67.89	28.85	50.59	-798.58	348.11	1,372.02	1,299.27	72.74	18.861		
9,300.00	7,236.58	6,753.00	6,722.95	70.27	28.85	50.59	-798.58	348.11	1,455.07	1,381.94	73.13	19.896		
9,400.00	7,236.83	6,753.00	6,722.95	72.69	28.85	50.59	-798.58	348.11	1,540.14	1,466.71	73.43	20.975		
9,500.00	7,237.08	6,716.22	6,689.00	75.14	28.71	48.68	-799.47	334.02	1,625.15	1,551.94	73.22	22.196		
9,600.00	7,237.33	6,708.30	6,681.55	77.62	28.68	48.28	-799.58	331.31	1,712.55	1,639.20	73.35	23.347		
9,700.00	7,237.58	6,701.01	6,674.67	80.12	28.65	47.92	-799.66	328.91	1,801.12	1,727.66	73.46	24.518		
9,800.00	7,237.83	6,694.29	6,668.30	82.65	28.62	47.59	-799.72	326.79	1,890.72	1,817.17	73.55	25.707		
9,900.00	7,238.08	6,659.00	6,634.39	85.20	28.49	45.89	-799.70	317.03	1,982.26	1,908.89	73.37	27.016		
10,000.00	7,238.32	6,659.00	6,634.39	87.77	28.49	45.89	-799.70	317.03	2,073.15	1,999.66	73.50	28.207		
10,100.00	7,238.57	6,659.00	6,634.39	90.36	28.49	45.89	-799.70	317.03	2,164.85	2,091.25	73.60	29.414		
10,200.00	7,238.82	6,659.00	6,634.39	92.97	28.49	45.89	-799.70	317.03	2,257.26	2,183.58	73.68	30.636		
10,300.00	7,239.07	6,659.00	6,634.39	95.59	28.49	45.89	-799.70	317.03	2,350.28	2,276.54	73.74	31.871		
10,400.00	7,239.32	6,659.00	6,634.39	98.22	28.49	45.89	-799.70	317.03	2,443.86	2,370.06	73.79	33.117		
10,500.00	7,239.57	6,659.00	6,634.39	100.87	28.49	45.89	-799.70	317.03	2,537.92	2,464.09	73.84	34.373		
10,600.00	7,239.82	6,659.00	6,634.39	103.52	28.49	45.89	-799.70	317.03	2,632.43	2,558.56	73.87	35.637		
10,700.00	7,240.07	6,659.00	6,634.39	106.19	28.49	45.89	-799.70	317.03	2,727.32	2,653.43	73.89	36.909		
10,800.00	7,240.31	6,659.00	6,634.39	108.87	28.49	45.89	-799.70	317.03	2,822.57	2,748.66	73.91	38.187		
10,900.00	7,240.56	6,659.00	6,634.39	111.56	28.49	45.89	-799.70	317.03	2,918.14	2,844.21	73.93	39.472		
11,000.00	7,240.81	6,659.00	6,634.39	114.25	28.49	45.89	-799.70	317.03	3,013.99	2,940.05	73.94	40.761		
11,100.00	7,241.06	6,659.00	6,634.39	116.96	28.49	45.89	-799.70	317.03	3,110.11	3,036.15	73.95	42.055		
11,200.00	7,241.31	6,659.00	6,634.39	119.67	28.49	45.89	-799.70	317.03	3,206.46	3,132.50	73.96	43.352		
11,300.00	7,241.56	6,659.00	6,634.39	122.39	28.49	45.89	-799.70	317.03	3,303.03	3,229.06	73.97	44.654		
11,400.00	7,241.81	6,619.00	6,595.35	125.11	28.33	44.06	-799.32	308.33	3,398.52	3,324.64	73.87	46.005		
11,500.00	7,242.06	6,615.61	6,592.02	127.84	28.32	43.91	-799.29	307.69	3,495.25	3,421.37	73.88	47.312		
11,600.00	7,242.30	6,612.37	6,588.84	130.58	28.30	43.77	-799.25	307.08	3,592.14	3,518.26	73.88	48.620		
11,700.00	7,242.55	6,609.27	6,585.79	133.32	28.29	43.63	-799.22	306.52	3,689.18	3,615.29	73.89	49.929		
11,800.00	7,242.80	6,606.31	6,582.87	136.07	28.28	43.51	-799.19	306.00	3,786.36	3,712.47	73.89	51.240		
11,900.00	7,243.05	6,603.47	6,580.08	138.82	28.27	43.38	-799.16	305.51	3,883.68	3,809.77	73.90	52.551		
12,000.00	7,243.30	6,564.00	6,541.04	141.58	28.11	41.72	-798.67	299.75	3,982.17	3,908.33	73.84	53.932		
12,100.00	7,243.55	6,564.00	6,541.04	144.34	28.11	41.72	-798.67	299.75	4,079.56	4,005.71	73.86	55.237		
12,200.00	7,243.80	6,564.00	6,541.04	147.10	28.11	41.72	-798.67	299.75	4,177.09	4,103.21	73.87	56.544		
12,300.00	7,244.04	6,564.00	6,541.04	149.87	28.11	41.72	-798.67	299.75	4,274.72	4,200.83	73.89	57.851		
12,400.00	7,244.29	6,564.00	6,541.04	152.64	28.11	41.72	-798.67	299.75	4,372.47	4,298.56	73.91	59.159		
12,500.00	7,244.54	6,564.00	6,541.04	155.41	28.11	41.72	-798.67	299.75	4,470.31	4,396.38	73.93	60.467		
12,600.00	7,244.79	6,564.00	6,541.04	158.19	28.11	41.72	-798.67	299.75	4,568.25	4,494.30	73.95	61.775		
12,700.00	7,245.04	6,564.00	6,541.04	160.97	28.11	41.72	-798.67	299.75	4,666.27	4,592.30	73.97	63.083		
12,800.00	7,245.29	6,564.00	6,541.04	163.75	28.11	41.72	-798.67	299.75	4,764.38	4,690.39	73.99	64.391		
12,900.00	7,245.54	6,564.00	6,541.04	166.54	28.11	41.72	-798.67	299.75	4,862.56	4,788.55	74.01	65.699		
13,000.00	7,245.79	6,564.00	6,541.04	169.33	28.11	41.72	-798.67	299.75	4,960.82	4,886.78	74.04	67.006		
13,100.00	7,246.03	6,564.00	6,541.04	172.12	28.11	41.72	-798.67	299.75	5,059.14	4,985.08	74.06	68.313		
13,200.00	7,246.28	6,564.00	6,541.04	174.91	28.11	41.72	-798.67	299.75	5,157.53	5,083.45	74.08	69.618		
13,300.00	7,246.53	6,564.00	6,541.04	177.71	28.11	41.72	-798.67	299.75	5,255.98	5,181.87	74.11	70.923		
13,400.00	7,246.78	6,564.00	6,541.04	180.50	28.11	41.72	-798.67	299.75	5,354.49	5,280.36	74.13	72.227		
13,500.00	7,247.03	6,564.00	6,541.04	183.30	28.11	41.72	-798.67	299.75	5,453.05	5,378.89	74.16	73.530		
13,600.00	7,247.28	6,564.00	6,541.04	186.10	28.11	41.72	-798.67	299.75	5,551.66	5,477.48	74.19	74.832		
13,700.00	7,247.53	6,564.00	6,541.04	188.91	28.11	41.72	-798.67	299.75	5,650.33	5,576.11	74.22	76.132		
13,800.00	7,247.77	6,564.00	6,541.04	191.71	28.11	41.72	-798.67	299.75	5,749.03	5,674.79	74.25	77.431		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 250-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	6,564.00	6,541.04	194.52	28.11	41.72	-798.67	299.75	5,847.79	5,773.51	74.28	78.729		
14,000.00	7,248.27	6,564.00	6,541.04	197.32	28.11	41.72	-798.67	299.75	5,946.58	5,872.27	74.31	80.025		
14,100.00	7,248.52	6,564.00	6,541.04	200.13	28.11	41.72	-798.67	299.75	6,045.41	5,971.07	74.34	81.319		
14,200.00	7,248.77	6,564.00	6,541.04	202.94	28.11	41.72	-798.67	299.75	6,144.28	6,069.91	74.38	82.612		
14,300.00	7,249.02	6,564.00	6,541.04	205.76	28.11	41.72	-798.67	299.75	6,243.19	6,168.78	74.41	83.903		
14,400.00	7,249.27	6,564.00	6,541.04	208.57	28.11	41.72	-798.67	299.75	6,342.13	6,267.69	74.45	85.192		
14,500.00	7,249.52	6,564.00	6,541.04	211.38	28.11	41.72	-798.67	299.75	6,441.11	6,366.62	74.48	86.479		
14,600.00	7,249.76	6,564.00	6,541.04	214.20	28.11	41.72	-798.67	299.75	6,540.11	6,465.59	74.52	87.763		
14,700.00	7,250.01	6,564.00	6,541.04	217.02	28.11	41.72	-798.67	299.75	6,639.15	6,564.59	74.56	89.046		
14,800.00	7,250.26	6,564.00	6,541.04	219.84	28.11	41.72	-798.67	299.75	6,738.21	6,663.61	74.60	90.327		
14,900.00	7,250.51	6,564.00	6,541.04	222.65	28.11	41.72	-798.67	299.75	6,837.30	6,762.66	74.64	91.606		
15,000.00	7,250.76	6,564.00	6,541.04	225.48	28.11	41.72	-798.67	299.75	6,936.42	6,861.74	74.68	92.882		
15,100.00	7,251.01	6,564.00	6,541.04	228.30	28.11	41.72	-798.67	299.75	7,035.56	6,960.84	74.72	94.156		
15,200.00	7,251.26	6,564.00	6,541.04	231.12	28.11	41.72	-798.67	299.75	7,134.72	7,059.96	74.77	95.427		
15,300.00	7,251.50	6,564.00	6,541.04	233.94	28.11	41.72	-798.67	299.75	7,233.91	7,159.10	74.81	96.697		
15,400.00	7,251.75	6,564.00	6,541.04	236.77	28.11	41.72	-798.67	299.75	7,333.12	7,258.27	74.86	97.963		
15,500.00	7,252.00	6,564.00	6,541.04	239.59	28.11	41.72	-798.67	299.75	7,432.36	7,357.45	74.90	99.227		
15,600.00	7,252.25	6,564.00	6,541.04	242.42	28.11	41.72	-798.67	299.75	7,531.61	7,456.66	74.95	100.489		
15,700.00	7,252.50	6,564.00	6,541.04	245.24	28.11	41.72	-798.67	299.75	7,630.88	7,555.88	75.00	101.748		
15,800.00	7,252.75	6,564.00	6,541.04	248.07	28.11	41.72	-798.67	299.75	7,730.17	7,655.12	75.05	103.004		
15,900.00	7,253.00	6,564.00	6,541.04	250.90	28.11	41.72	-798.67	299.75	7,829.48	7,754.38	75.10	104.258		
16,000.00	7,253.25	6,564.00	6,541.04	253.73	28.11	41.72	-798.67	299.75	7,928.81	7,853.66	75.15	105.509		
16,100.00	7,253.49	6,564.00	6,541.04	256.56	28.11	41.72	-798.67	299.75	8,028.15	7,952.95	75.20	106.757		
16,200.00	7,253.74	6,564.00	6,541.04	259.39	28.11	41.72	-798.67	299.75	8,127.51	8,052.25	75.25	108.002		
16,300.00	7,253.99	6,564.00	6,541.04	262.22	28.11	41.72	-798.67	299.75	8,226.88	8,151.58	75.31	109.245		
16,400.00	7,254.24	6,564.00	6,541.04	265.05	28.11	41.72	-798.67	299.75	8,326.27	8,250.91	75.36	110.484		
16,500.00	7,254.49	6,564.00	6,541.04	267.88	28.11	41.72	-798.67	299.75	8,425.68	8,350.26	75.42	111.721		
16,600.00	7,254.74	6,564.00	6,541.04	270.72	28.11	41.72	-798.67	299.75	8,525.09	8,449.62	75.47	112.954		
16,700.00	7,254.99	6,564.00	6,541.04	273.55	28.11	41.72	-798.67	299.75	8,624.52	8,548.99	75.53	114.185		
16,800.00	7,255.24	6,564.00	6,541.04	276.38	28.11	41.72	-798.67	299.75	8,723.97	8,648.38	75.59	115.412		
16,900.00	7,255.48	6,564.00	6,541.04	279.22	28.11	41.72	-798.67	299.75	8,823.43	8,747.78	75.65	116.637		
17,000.00	7,255.73	6,564.00	6,541.04	282.05	28.11	41.72	-798.67	299.75	8,922.89	8,847.19	75.71	117.858		
17,100.00	7,255.98	6,564.00	6,541.04	284.89	28.11	41.72	-798.67	299.75	9,022.38	8,946.61	75.77	119.077		
17,200.00	7,256.23	6,564.00	6,541.04	287.73	28.11	41.72	-798.67	299.75	9,121.87	9,046.04	75.83	120.292		
17,300.00	7,256.48	6,564.00	6,541.04	290.56	28.11	41.72	-798.67	299.75	9,221.37	9,145.48	75.89	121.504		
17,400.00	7,256.73	6,564.00	6,541.04	293.40	28.11	41.72	-798.67	299.75	9,320.88	9,244.93	75.96	122.712		
17,500.00	7,256.98	6,564.00	6,541.04	296.24	28.11	41.72	-798.67	299.75	9,420.41	9,344.39	76.02	123.918		
17,600.00	7,257.22	6,564.00	6,541.04	299.07	28.11	41.72	-798.67	299.75	9,519.94	9,443.86	76.09	125.120		
17,700.00	7,257.47	6,564.00	6,541.04	301.91	28.11	41.72	-798.67	299.75	9,619.49	9,543.33	76.15	126.319		
17,800.00	7,257.72	6,564.00	6,541.04	304.75	28.11	41.72	-798.67	299.75	9,719.04	9,642.82	76.22	127.515		
17,900.00	7,257.97	6,564.00	6,541.04	307.59	28.11	41.72	-798.67	299.75	9,818.60	9,742.31	76.29	128.707		
18,000.00	7,258.22	6,564.00	6,541.04	310.43	28.11	41.72	-798.67	299.75	9,918.17	9,841.82	76.35	129.896		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	137.97	-562.48	506.99	757.33					
100.00	100.00	89.98	89.98	3.28	3.29	137.95	-562.24	507.17	757.19	750.62	6.57	115.238		
200.00	200.00	191.08	191.07	3.34	3.31	137.87	-561.39	507.81	756.99	750.34	6.64	113.939		
300.00	300.00	292.15	292.13	3.44	3.34	137.73	-559.92	508.91	756.64	749.85	6.79	111.482		
400.00	399.98	407.24	407.18	3.60	3.44	1.15	-557.41	509.92	753.94	746.90	7.04	107.073		
500.00	499.84	535.12	534.92	3.79	3.65	1.04	-552.26	507.40	744.42	736.95	7.47	99.697		
600.00	599.45	655.61	654.99	4.03	3.91	0.80	-543.09	503.36	727.84	719.86	7.99	91.110		
700.00	698.70	759.58	758.41	4.30	4.18	0.52	-533.23	499.19	706.10	697.57	8.53	82.812		
800.00	797.47	869.05	867.17	4.60	4.50	0.16	-521.81	494.42	680.13	670.98	9.15	74.340		
900.00	895.62	982.18	979.08	4.94	4.87	-0.48	-506.19	489.01	648.14	638.30	9.84	65.888		
1,000.00	993.06	1,090.06	1,085.26	5.32	5.25	-1.39	-487.97	483.41	610.59	600.05	10.54	57.934		
1,100.00	1,089.64	1,180.79	1,174.26	5.73	5.58	-2.44	-471.00	478.73	568.77	557.57	11.20	50.785		
1,131.50	1,119.87	1,208.23	1,201.19	5.87	5.68	-2.81	-465.88	477.32	555.00	543.58	11.42	48.616		
1,200.00	1,185.51	1,267.45	1,259.35	6.18	5.91	-3.58	-455.14	474.19	524.92	513.05	11.87	44.221		
1,300.00	1,281.33	1,362.21	1,352.36	6.65	6.29	-5.01	-437.85	468.94	480.96	468.38	12.58	38.234		
1,400.00	1,377.14	1,457.31	1,445.34	7.13	6.68	-6.96	-418.56	463.65	436.03	422.72	13.31	32.760		
1,500.00	1,472.96	1,553.59	1,538.92	7.63	7.09	-9.73	-396.62	458.18	390.04	375.98	14.06	27.742		
1,600.00	1,568.78	1,640.36	1,622.89	8.14	7.48	-13.08	-375.38	453.00	343.72	328.88	14.83	23.174		
1,700.00	1,664.60	1,722.49	1,702.45	8.66	7.84	-17.15	-355.48	448.67	299.31	283.65	15.66	19.114		
1,800.00	1,760.41	1,804.96	1,782.63	9.19	8.22	-22.37	-336.41	445.47	258.38	241.82	16.56	15.607		
1,900.00	1,856.23	1,891.05	1,866.57	9.73	8.60	-29.34	-317.49	443.19	221.79	204.26	17.53	12.651		
2,000.00	1,952.05	1,979.87	1,953.35	10.27	9.00	-38.54	-298.74	440.71	189.78	171.17	18.61	10.199		
2,100.00	2,047.86	2,069.51	2,041.12	10.81	9.41	-50.33	-280.66	437.97	164.39	144.59	19.80	8.303		
2,200.00	2,143.68	2,158.66	2,128.25	11.36	9.82	-64.98	-262.14	434.59	148.47	127.43	21.04	7.055		
2,260.67	2,201.81	2,211.42	2,179.75	11.70	10.06	-74.60	-250.83	432.66	145.57	123.85	21.72	6.702 CC, ES		
2,300.00	2,239.50	2,245.32	2,212.81	11.92	10.22	-80.84	-243.42	431.55	146.82	124.73	22.09	6.647 SF		
2,400.00	2,335.32	2,330.79	2,295.91	12.47	10.62	-95.75	-223.58	429.20	161.13	138.37	22.76	7.079		
2,500.00	2,431.13	2,424.39	2,387.17	13.03	11.05	-108.85	-202.94	426.89	186.09	162.67	23.42	7.944		
2,600.00	2,526.95	2,511.44	2,472.20	13.59	11.46	-118.26	-184.51	424.12	217.42	193.48	23.94	9.080		
2,700.00	2,622.77	2,595.80	2,554.37	14.15	11.86	-125.39	-165.65	420.93	254.43	229.98	24.45	10.406		
2,800.00	2,718.59	2,687.55	2,643.67	14.72	12.30	-131.32	-144.92	417.25	294.72	269.55	25.17	11.707		
2,900.00	2,814.40	2,771.67	2,725.63	15.29	12.70	-135.44	-126.26	414.24	336.61	310.82	25.79	13.052		
3,000.00	2,910.22	2,862.56	2,814.08	15.85	13.14	-138.73	-105.43	412.19	380.32	353.74	26.59	14.305		
3,100.00	3,006.04	2,940.97	2,890.38	16.42	13.52	-141.12	-87.53	409.79	424.90	397.74	27.16	15.644		
3,200.00	3,101.85	3,027.12	2,973.67	16.99	13.94	-143.41	-65.92	405.84	472.29	444.38	27.91	16.921		
3,300.00	3,197.67	3,130.94	3,074.65	17.56	14.44	-145.74	-42.33	400.73	518.20	489.21	28.99	17.876		
3,400.00	3,293.49	3,215.98	3,157.74	18.14	14.85	-147.32	-24.60	396.99	562.77	533.04	29.73	18.927		
3,500.00	3,389.31	3,313.25	3,252.56	18.71	15.32	-148.82	-3.31	392.90	608.60	577.91	30.69	19.831		
3,600.00	3,485.12	3,419.25	3,356.61	19.28	15.82	-150.31	16.35	388.23	651.67	619.91	31.76	20.521		
3,700.00	3,580.94	3,509.87	3,445.77	19.86	16.24	-151.41	32.14	384.66	693.91	661.32	32.59	21.290		
3,800.00	3,676.76	3,586.34	3,520.89	20.43	16.60	-152.16	46.28	382.28	737.07	703.82	33.24	22.172		
3,900.00	3,772.58	3,665.27	3,598.08	21.01	16.98	-152.83	62.51	379.64	782.14	748.21	33.93	23.049		
4,000.00	3,868.39	3,748.38	3,679.26	21.58	17.38	-153.47	80.02	376.67	827.85	793.16	34.69	23.863		
4,100.00	3,964.21	3,823.80	3,752.71	22.16	17.75	-153.92	97.04	374.72	874.63	839.29	35.34	24.746		
4,200.00	4,060.03	3,890.77	3,817.59	22.74	18.08	-154.24	113.57	373.15	923.17	887.30	35.87	25.736		
4,300.00	4,155.85	3,958.20	3,882.54	23.32	18.42	-154.53	131.56	371.18	973.59	937.18	36.41	26.741		
4,400.00	4,251.66	4,029.85	3,951.23	23.89	18.79	-154.82	151.76	368.36	1,025.59	988.57	37.02	27.704		
4,500.00	4,347.48	4,115.34	4,032.97	24.47	19.23	-155.11	176.61	365.29	1,078.27	1,040.40	37.87	28.475		
4,600.00	4,443.30	4,241.45	4,154.16	25.05	19.88	-155.47	211.32	361.98	1,129.48	1,090.14	39.34	28.712		
4,700.00	4,539.11	4,393.54	4,302.49	25.63	20.62	-156.08	244.37	356.80	1,175.74	1,134.68	41.06	28.636		
4,800.00	4,634.93	4,469.94	4,377.33	26.21	20.99	-156.42	259.35	353.66	1,220.73	1,178.98	41.75	29.238		
4,900.00	4,730.75	4,554.05	4,459.62	26.79	21.39	-156.76	276.42	350.14	1,266.38	1,223.83	42.55	29.764		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	4,638.40	4,542.06	27.37	21.80	-157.05	293.98	346.93	1,312.37	1,269.02	43.35	30.274		
5,100.00	4,922.38	4,737.64	4,639.06	27.95	22.28	-157.35	314.68	343.66	1,358.26	1,313.92	44.34	30.632		
5,200.00	5,018.20	4,824.93	4,724.50	28.53	22.70	-157.63	332.24	340.23	1,403.76	1,358.58	45.18	31.071		
5,300.00	5,114.02	4,930.98	4,828.45	29.11	23.21	-158.05	352.24	334.03	1,448.94	1,402.70	46.24	31.336		
5,400.00	5,209.84	5,006.63	4,902.66	29.69	23.57	-158.37	365.97	328.84	1,493.94	1,447.00	46.93	31.832		
5,500.00	5,305.65	5,070.12	4,964.79	30.27	23.88	-158.60	378.42	324.79	1,540.03	1,492.55	47.48	32.437		
5,600.00	5,401.47	5,131.24	5,024.33	30.86	24.18	-158.78	391.78	321.22	1,587.76	1,539.77	47.99	33.085		
5,700.00	5,497.29	5,200.00	5,154.00	31.44	26.96	-159.02	422.20	316.31	1,635.83	1,584.35	51.48	31.778		
5,800.00	5,593.10	5,464.76	5,351.12	32.02	25.78	-159.37	456.68	313.19	1,677.42	1,625.93	51.50	32.573		
5,900.00	5,688.92	5,560.55	5,445.86	32.60	26.21	-159.50	470.82	313.43	1,717.01	1,664.60	52.41	32.759		
6,000.00	5,784.74	5,657.87	5,542.06	33.18	26.65	-159.62	485.49	313.91	1,756.80	1,703.46	53.35	32.933		
6,100.00	5,880.56	5,873.90	5,756.83	33.76	27.58	-160.02	508.30	314.35	1,792.63	1,737.37	55.26	32.439		
6,200.00	5,976.37	6,005.38	5,888.07	34.35	28.12	-160.32	516.09	314.80	1,824.69	1,768.30	56.39	32.359		
6,300.00	6,072.19	6,122.36	6,004.97	34.93	28.59	-160.64	520.43	314.36	1,855.15	1,797.76	57.40	32.321		
6,400.00	6,168.01	6,245.68	6,128.25	35.51	29.08	-161.02	522.99	312.90	1,884.64	1,826.21	58.43	32.256		
6,500.00	6,263.83	7,749.41	7,050.25	36.09	38.13	-139.58	537.40	1,160.13	1,911.20	1,846.49	64.71	29.536		
6,600.00	6,359.64	7,764.08	7,050.32	36.68	38.35	-139.14	537.24	1,174.80	1,892.31	1,825.51	66.81	28.326		
6,700.00	6,455.46	7,779.57	7,050.45	37.26	38.59	-138.67	537.10	1,190.30	1,878.41	1,809.61	68.80	27.304		
6,733.48	6,487.54	7,785.86	7,050.52	37.45	38.69	-138.48	537.05	1,196.58	1,874.88	1,805.42	69.46	26.993		
6,750.00	6,503.41	7,788.76	7,050.55	37.55	38.74	-142.16	537.03	1,199.48	1,873.34	1,803.57	69.77	26.849		
6,800.00	6,551.83	7,795.20	7,050.61	37.82	38.85	-156.57	536.98	1,205.92	1,869.53	1,798.87	70.66	26.460		
6,850.00	6,600.62	7,798.11	7,050.63	38.05	38.90	-175.64	536.96	1,208.83	1,867.01	1,795.59	71.42	26.142		
6,900.00	6,649.47	7,797.52	7,050.63	38.25	38.89	164.05	536.96	1,208.24	1,865.83	1,793.77	72.06	25.893		
6,918.77	6,667.76	7,796.40	7,050.62	38.31	38.87	157.11	536.97	1,207.13	1,865.74	1,793.47	72.27	25.817		
6,950.00	6,698.08	7,793.47	7,050.59	38.42	38.82	146.96	536.99	1,204.19	1,866.00	1,793.42	72.58	25.709		
7,000.00	6,746.15	7,786.02	7,050.52	38.57	38.69	134.41	537.05	1,196.75	1,867.48	1,794.49	72.99	25.585		
7,050.00	6,793.39	7,775.53	7,050.41	38.71	38.52	125.41	537.13	1,186.26	1,870.22	1,796.92	73.30	25.515		
7,100.00	6,839.50	7,762.72	7,050.31	38.84	38.33	118.78	537.25	1,173.45	1,874.15	1,800.61	73.54	25.484		
7,150.00	6,884.20	7,746.72	7,050.25	38.97	38.09	113.62	537.43	1,157.45	1,879.14	1,805.45	73.69	25.500		
7,200.00	6,927.21	7,727.54	7,050.27	39.11	37.79	109.40	537.67	1,138.27	1,885.07	1,811.31	73.76	25.557		
7,250.00	6,968.28	7,705.25	7,050.43	39.25	37.45	105.82	538.00	1,115.98	1,891.79	1,818.03	73.75	25.650		
7,300.00	7,007.13	7,661.36	7,050.93	39.41	36.81	102.25	538.66	1,072.10	1,899.07	1,825.71	73.36	25.886		
7,350.00	7,043.55	7,610.22	7,051.02	39.58	36.14	98.98	538.85	1,020.96	1,906.24	1,833.33	72.91	26.145		
7,400.00	7,077.29	7,561.02	7,051.21	39.77	35.51	96.15	538.66	971.76	1,913.26	1,840.76	72.50	26.390		
7,450.00	7,108.16	7,480.33	7,048.25	39.98	34.60	93.06	537.14	891.17	1,919.61	1,847.91	71.70	26.773		
7,500.00	7,135.96	7,443.10	7,044.45	40.22	34.23	91.08	535.91	854.16	1,925.21	1,853.60	71.61	26.883		
7,550.00	7,160.53	7,414.84	7,040.42	40.49	33.96	89.47	535.08	826.19	1,930.62	1,858.91	71.71	26.922		
7,600.00	7,181.70	7,386.43	7,035.38	40.79	33.70	88.05	534.36	798.25	1,935.76	1,863.91	71.84	26.944		
7,650.00	7,199.35	7,339.42	7,024.69	41.13	33.33	86.49	533.19	752.49	1,940.44	1,868.65	71.79	27.029		
7,700.00	7,213.38	7,276.93	7,005.36	41.51	32.92	84.86	530.65	693.15	1,944.03	1,872.45	71.58	27.160		
7,750.00	7,223.68	7,195.98	6,970.82	41.93	32.53	83.03	525.12	620.24	1,946.19	1,874.96	71.22	27.325		
7,800.00	7,230.21	7,183.00	6,964.25	42.38	32.48	82.56	523.97	609.11	1,947.31	1,875.52	71.79	27.124		
7,850.00	7,232.92	7,183.00	6,964.25	42.87	32.48	82.42	523.97	609.11	1,948.37	1,875.79	72.58	26.845		
7,858.69	7,233.00	7,183.00	6,964.25	42.95	32.48	82.40	523.97	609.11	1,948.55	1,875.83	72.72	26.796		
7,900.00	7,233.10	7,183.00	6,964.25	43.38	32.48	82.40	523.97	609.11	1,949.84	1,876.44	73.40	26.565		
8,000.00	7,233.35	7,139.00	6,939.85	44.56	32.31	81.68	521.41	572.61	1,954.32	1,879.72	74.60	26.197		
8,100.00	7,233.60	7,091.00	6,909.68	45.91	32.15	80.80	521.99	535.33	1,965.06	1,889.22	75.84	25.912		
8,200.00	7,233.85	7,091.00	6,909.68	47.41	32.15	80.80	521.99	535.33	1,978.14	1,900.42	77.72	25.452		
8,300.00	7,234.10	7,091.00	6,909.68	49.05	32.15	80.80	521.99	535.33	1,996.15	1,916.54	79.62	25.072		
8,400.00	7,234.35	7,055.90	6,885.69	50.81	32.03	80.11	523.83	509.77	2,018.28	1,937.13	81.14	24.873		
8,500.00	7,234.59	7,025.72	6,864.05	52.68	31.93	79.50	525.61	488.81	2,043.96	1,961.26	82.71	24.713		
8,600.00	7,234.84	6,997.00	6,842.64	54.65	31.83	78.90	527.48	469.77	2,073.21	1,988.96	84.25	24.608		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 342-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,235.09	6,997.00	6,842.64	56.70	31.83	78.90	527.48	469.77	2,106.35	2,020.35	86.01	24.490		
8,800.00	7,235.34	6,955.10	6,809.70	58.82	31.69	77.98	530.40	444.06	2,142.41	2,055.07	87.34	24.530		
8,900.00	7,235.59	6,936.95	6,794.77	61.01	31.64	77.56	531.72	433.82	2,182.26	2,093.47	88.79	24.577		
9,000.00	7,235.84	6,905.00	6,767.61	63.25	31.53	76.81	534.09	417.17	2,225.65	2,135.60	90.05	24.716		
9,100.00	7,236.09	6,905.00	6,767.61	65.55	31.53	76.81	534.09	417.17	2,271.90	2,180.43	91.48	24.836		
9,200.00	7,236.34	6,882.47	6,747.90	67.89	31.46	76.27	535.67	406.39	2,321.32	2,228.68	92.64	25.058		
9,300.00	7,236.58	6,861.09	6,728.85	70.27	31.38	75.75	536.96	396.77	2,373.48	2,279.76	93.72	25.325		
9,400.00	7,236.83	6,842.20	6,711.75	72.69	31.32	75.28	537.93	388.78	2,428.28	2,333.55	94.73	25.634		
9,500.00	7,237.08	6,819.00	6,694.25	75.14	31.24	74.81	538.40	382.49	2,485.41	2,390.00	95.69	25.989		
9,600.00	7,237.33	6,800.00	6,677.68	77.62	31.16	74.34	537.68	376.31	2,544.24	2,446.60	96.60	26.355		
9,700.00	7,237.58	6,778.00	6,661.01	80.12	31.08	73.87	537.31	370.24	2,605.18	2,508.45	97.47	26.732		
9,800.00	7,237.83	6,756.00	6,646.01	82.65	31.00	73.40	534.41	364.27	2,667.56	2,570.30	98.30	27.120		
9,900.00	7,238.08	6,736.00	6,631.00	85.20	30.92	72.93	533.74	358.34	2,732.56	2,634.59	99.09	27.520		
10,000.00	7,238.32	6,717.00	6,616.00	87.77	30.84	72.46	533.12	352.46	2,799.55	2,700.92	99.84	27.931		
10,100.00	7,238.57	6,698.00	6,601.00	90.36	30.76	71.99	532.53	346.63	2,868.40	2,769.18	100.55	28.353		
10,200.00	7,238.82	6,679.00	6,586.00	92.97	30.68	71.52	529.43	340.84	2,939.50	2,839.99	101.22	28.796		
10,300.00	7,239.07	6,660.00	6,571.00	95.59	30.60	71.05	529.43	335.09	3,011.52	2,911.46	101.89	29.260		
10,400.00	7,239.32	6,641.00	6,556.00	98.22	30.52	70.58	529.43	329.38	3,085.10	2,984.54	102.52	29.746		
10,500.00	7,239.57	6,622.00	6,541.00	100.87	30.44	70.11	529.43	323.70	3,160.13	3,059.13	103.11	30.254		
10,600.00	7,239.82	6,603.00	6,526.00	103.52	30.36	69.64	529.43	318.04	3,236.52	3,135.10	103.66	30.784		
10,700.00	7,240.07	6,584.00	6,511.00	106.19	30.28	69.17	529.43	312.41	3,314.16	3,212.38	104.18	31.334		
10,800.00	7,240.31	6,565.00	6,496.00	108.87	30.20	68.70	529.43	306.80	3,392.97	3,290.86	104.67	31.904		
10,900.00	7,240.56	6,546.00	6,481.00	111.56	30.12	68.23	529.43	301.21	3,472.87	3,370.47	105.12	32.494		
11,000.00	7,240.81	6,527.00	6,466.00	114.25	30.04	67.76	529.43	295.64	3,553.79	3,451.12	105.55	33.104		
11,100.00	7,241.06	6,508.00	6,451.00	116.96	30.00	67.29	529.43	290.09	3,635.66	3,532.74	105.96	33.734		
11,200.00	7,241.31	6,489.00	6,436.00	119.67	29.92	66.82	529.43	284.56	3,718.42	3,615.28	106.34	34.384		
11,300.00	7,241.56	6,470.00	6,421.00	122.39	29.84	66.35	529.43	279.04	3,802.00	3,698.67	106.69	35.054		
11,400.00	7,241.81	6,451.00	6,406.00	125.11	29.76	65.88	529.43	273.53	3,886.36	3,782.86	107.01	35.744		
11,500.00	7,242.06	6,432.00	6,391.00	127.84	29.68	65.41	529.43	268.04	3,971.45	3,867.78	107.29	36.454		
11,600.00	7,242.30	6,413.00	6,376.00	130.58	29.60	64.94	529.43	262.56	4,057.22	3,953.41	107.54	37.184		
11,700.00	7,242.55	6,394.00	6,361.00	133.32	29.52	64.47	529.43	257.09	4,143.62	4,039.68	107.77	37.934		
11,800.00	7,242.80	6,375.00	6,346.00	136.07	29.44	64.00	529.43	251.63	4,230.63	4,126.57	107.98	38.704		
11,900.00	7,243.05	6,356.00	6,331.00	138.82	29.36	63.53	529.43	246.18	4,318.20	4,214.03	108.17	39.494		
12,000.00	7,243.30	6,337.00	6,316.00	141.58	29.28	63.06	529.43	240.74	4,406.29	4,302.03	108.34	40.304		
12,100.00	7,243.55	6,318.00	6,301.00	144.34	29.20	62.59	529.43	235.30	4,494.89	4,390.54	108.49	41.134		
12,200.00	7,243.80	6,299.00	6,286.00	147.10	29.12	62.12	529.43	229.87	4,583.95	4,479.53	108.62	41.984		
12,300.00	7,244.04	6,280.00	6,271.00	149.87	29.04	61.65	529.43	224.44	4,673.46	4,568.96	108.74	42.854		
12,400.00	7,244.29	6,261.00	6,256.00	152.64	28.96	61.18	529.43	219.02	4,763.38	4,658.83	108.84	43.744		
12,500.00	7,244.54	6,242.00	6,241.00	155.41	28.88	60.71	529.43	213.61	4,853.70	4,749.09	108.92	44.654		
12,600.00	7,244.79	6,223.00	6,226.00	158.19	28.80	60.24	529.43	208.21	4,944.39	4,839.73	108.98	45.584		
12,700.00	7,245.04	6,204.00	6,211.00	160.97	28.72	59.77	529.43	202.82	5,035.43	4,930.72	109.02	46.534		
12,800.00	7,245.29	6,185.00	6,196.00	163.75	28.64	59.30	529.43	197.44	5,126.81	5,022.06	109.04	47.504		
12,900.00	7,245.54	6,166.00	6,181.00	166.54	28.56	58.83	529.43	192.07	5,218.50	5,113.71	109.04	48.494		
13,000.00	7,245.79	6,147.00	6,166.00	169.33	28.48	58.36	529.43	186.71	5,310.50	5,205.67	109.02	49.504		
13,100.00	7,246.03	6,128.00	6,151.00	172.12	28.40	57.89	529.43	181.36	5,402.78	5,297.92	108.98	50.534		
13,200.00	7,246.28	6,109.00	6,136.00	174.91	28.32	57.42	529.43	176.01	5,495.32	5,390.44	108.92	51.584		
13,300.00	7,246.53	6,090.00	6,121.00	177.71	28.24	56.95	529.43	170.67	5,588.13	5,483.22	108.84	52.654		
13,400.00	7,246.78	6,071.00	6,106.00	180.50	28.16	56.48	529.43	165.34	5,681.18	5,576.24	108.74	53.744		
13,500.00	7,247.03	6,052.00	6,091.00	183.30	28.08	56.01	529.43	160.01	5,774.46	5,669.50	108.62	54.854		
13,600.00	7,247.28	6,033.00	6,076.00	186.10	28.00	55.54	529.43	154.69	5,867.96	5,762.98	108.49	55.984		
13,700.00	7,247.53	6,014.00	6,061.00	188.91	27.92	55.07	529.43	149.37	5,961.67	5,856.68	108.34	57.134		
13,800.00	7,247.77	6,000.00	6,050.00	191.71	27.84	54.60	529.43	144.06	6,055.59	5,950.57	108.17	58.304		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 342-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	6,625.00	6,506.76	194.52	30.54	69.71	529.43	319.42	6,149.70	6,044.66	105.03	58.550		
14,000.00	7,248.27	6,625.00	6,506.76	197.32	30.54	69.71	529.43	319.42	6,243.99	6,138.94	105.05	59.439		
14,100.00	7,248.52	6,625.00	6,506.76	200.13	30.54	69.71	529.43	319.42	6,338.45	6,233.39	105.06	60.330		
14,200.00	7,248.77	6,582.02	6,464.43	202.94	30.37	68.58	526.13	312.88	6,430.86	6,325.96	104.89	61.308		
14,300.00	7,249.02	6,581.35	6,463.76	205.76	30.37	68.56	526.09	312.81	6,525.58	6,420.68	104.91	62.204		
14,400.00	7,249.27	6,580.70	6,463.12	208.57	30.36	68.54	526.05	312.74	6,620.46	6,515.54	104.92	63.101		
14,500.00	7,249.52	6,580.06	6,462.49	211.38	30.36	68.53	526.01	312.68	6,715.49	6,610.56	104.93	64.000		
14,600.00	7,249.76	6,579.45	6,461.87	214.20	30.36	68.51	525.98	312.62	6,810.66	6,705.72	104.94	64.900		
14,700.00	7,250.01	6,578.84	6,461.28	217.02	30.36	68.50	525.94	312.55	6,905.96	6,801.01	104.95	65.801		
14,800.00	7,250.26	6,578.26	6,460.69	219.84	30.35	68.48	525.91	312.49	7,001.40	6,896.43	104.96	66.703		
14,900.00	7,250.51	6,577.68	6,460.12	222.65	30.35	68.47	525.88	312.44	7,096.96	6,991.98	104.98	67.606		
15,000.00	7,250.76	6,577.13	6,459.57	225.48	30.35	68.45	525.85	312.38	7,192.63	7,087.65	104.99	68.509		
15,100.00	7,251.01	6,576.58	6,459.03	228.30	30.35	68.44	525.82	312.33	7,288.43	7,183.43	105.00	69.414		
15,200.00	7,251.26	6,576.05	6,458.50	231.12	30.34	68.42	525.79	312.28	7,384.33	7,279.32	105.01	70.319		
15,300.00	7,251.50	6,575.53	6,457.98	233.94	30.34	68.41	525.76	312.23	7,480.35	7,375.32	105.02	71.226		
15,400.00	7,251.75	6,532.00	6,414.55	236.77	30.17	67.29	524.29	310.11	7,578.66	7,473.78	104.88	72.259		
15,500.00	7,252.00	6,532.00	6,414.55	239.59	30.17	67.29	524.29	310.11	7,674.82	7,569.92	104.90	73.165		
15,600.00	7,252.25	6,532.00	6,414.55	242.42	30.17	67.29	524.29	310.11	7,771.08	7,666.16	104.91	74.071		
15,700.00	7,252.50	6,532.00	6,414.55	245.24	30.17	67.29	524.29	310.11	7,867.43	7,762.50	104.93	74.978		
15,800.00	7,252.75	6,532.00	6,414.55	248.07	30.17	67.29	524.29	310.11	7,963.87	7,858.92	104.95	75.885		
15,900.00	7,253.00	6,532.00	6,414.55	250.90	30.17	67.29	524.29	310.11	8,060.40	7,955.43	104.96	76.792		
16,000.00	7,253.25	6,532.00	6,414.55	253.73	30.17	67.29	524.29	310.11	8,157.01	8,052.03	104.98	77.699		
16,100.00	7,253.49	6,532.00	6,414.55	256.56	30.17	67.29	524.29	310.11	8,253.70	8,148.70	105.00	78.607		
16,200.00	7,253.74	6,532.00	6,414.55	259.39	30.17	67.29	524.29	310.11	8,350.47	8,245.45	105.02	79.514		
16,300.00	7,253.99	6,532.00	6,414.55	262.22	30.17	67.29	524.29	310.11	8,447.31	8,342.28	105.04	80.422		
16,400.00	7,254.24	6,532.00	6,414.55	265.05	30.17	67.29	524.29	310.11	8,544.23	8,439.18	105.06	81.330		
16,500.00	7,254.49	6,532.00	6,414.55	267.88	30.17	67.29	524.29	310.11	8,641.22	8,536.14	105.08	82.238		
16,600.00	7,254.74	6,532.00	6,414.55	270.72	30.17	67.29	524.29	310.11	8,738.28	8,633.18	105.10	83.145		
16,700.00	7,254.99	6,532.00	6,414.55	273.55	30.17	67.29	524.29	310.11	8,835.40	8,730.28	105.12	84.053		
16,800.00	7,255.24	6,532.00	6,414.55	276.38	30.17	67.29	524.29	310.11	8,932.58	8,827.44	105.14	84.960		
16,900.00	7,255.48	6,532.00	6,414.55	279.22	30.17	67.29	524.29	310.11	9,029.83	8,924.67	105.16	85.867		
17,000.00	7,255.73	6,532.00	6,414.55	282.05	30.17	67.29	524.29	310.11	9,127.14	9,021.95	105.18	86.773		
17,100.00	7,255.98	6,532.00	6,414.55	284.89	30.17	67.29	524.29	310.11	9,224.50	9,119.29	105.21	87.680		
17,200.00	7,256.23	6,532.00	6,414.55	287.73	30.17	67.29	524.29	310.11	9,321.92	9,216.69	105.23	88.586		
17,300.00	7,256.48	6,532.00	6,414.55	290.56	30.17	67.29	524.29	310.11	9,419.39	9,314.14	105.25	89.491		
17,400.00	7,256.73	6,532.00	6,414.55	293.40	30.17	67.29	524.29	310.11	9,516.92	9,411.64	105.28	90.397		
17,500.00	7,256.98	6,532.00	6,414.55	296.24	30.17	67.29	524.29	310.11	9,614.50	9,509.19	105.30	91.301		
17,600.00	7,257.22	6,532.00	6,414.55	299.07	30.17	67.29	524.29	310.11	9,712.12	9,606.79	105.33	92.206		
17,700.00	7,257.47	6,532.00	6,414.55	301.91	30.17	67.29	524.29	310.11	9,809.80	9,704.44	105.36	93.109		
17,800.00	7,257.72	6,532.00	6,414.55	304.75	30.17	67.29	524.29	310.11	9,907.52	9,802.13	105.39	94.012		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	135.84	-522.41	507.26	728.25					
100.00	100.00	81.37	81.36	3.28	3.29	135.83	-522.64	507.64	728.63	722.06	6.57	110.903		
200.00	200.00	177.25	177.23	3.34	3.31	135.80	-523.41	508.96	730.16	723.51	6.65	109.765		
300.00	300.00	283.98	283.96	3.44	3.41	135.76	-523.95	510.31	731.42	724.56	6.86	106.680		
400.00	399.98	397.84	397.80	3.60	3.58	-0.75	-522.91	511.10	729.51	722.34	7.18	101.656		
500.00	499.84	533.86	533.67	3.79	3.85	-1.06	-516.84	510.51	720.88	713.21	7.67	93.974		
600.00	599.45	675.44	674.38	4.03	4.21	-1.76	-501.87	507.02	702.99	694.66	8.32	84.454		
700.00	698.70	816.27	812.64	4.30	4.64	-3.18	-475.80	502.16	675.59	666.50	9.08	74.380		
800.00	797.47	929.91	922.25	4.60	5.03	-5.19	-446.04	498.85	640.36	630.60	9.76	65.579		
900.00	895.62	1,034.62	1,022.21	4.94	5.43	-7.70	-415.04	495.79	600.39	589.95	10.45	57.472		
1,000.00	993.06	1,129.82	1,112.40	5.32	5.82	-10.58	-384.83	491.70	555.84	544.72	11.12	49.976		
1,100.00	1,089.64	1,211.93	1,190.30	5.73	6.17	-13.58	-359.22	487.45	509.00	497.23	11.77	43.231		
1,131.50	1,119.87	1,236.65	1,213.89	5.87	6.28	-14.56	-351.98	486.02	494.04	482.05	11.99	41.205		
1,200.00	1,185.51	1,298.33	1,272.92	6.18	6.56	-16.93	-334.55	482.06	461.70	449.22	12.48	36.993		
1,300.00	1,281.33	1,390.24	1,360.31	6.65	6.99	-21.26	-306.94	475.10	414.05	400.82	13.24	31.284		
1,400.00	1,377.14	1,471.43	1,436.78	7.13	7.38	-26.37	-280.24	469.61	368.14	354.11	14.03	26.243		
1,500.00	1,472.96	1,547.40	1,507.94	7.63	7.76	-32.49	-253.87	466.06	326.92	312.02	14.91	21.931		
1,600.00	1,568.78	1,624.48	1,580.62	8.14	8.14	-39.67	-228.35	463.62	292.82	276.94	15.88	18.441		
1,700.00	1,664.60	1,706.06	1,658.15	8.66	8.55	-48.17	-203.04	461.78	266.99	250.06	16.93	15.771		
1,800.00	1,760.41	1,787.52	1,735.37	9.19	8.95	-57.79	-177.12	460.68	251.18	233.17	18.01	13.950		
1,878.16	1,835.30	1,850.85	1,795.25	9.61	9.27	-65.75	-156.51	460.32	247.23	228.43	18.80	13.150 CC, ES		
1,900.00	1,856.23	1,869.66	1,813.02	9.73	9.37	-68.14	-150.33	460.27	247.50	228.49	19.02	13.015		
2,000.00	1,952.05	1,957.10	1,895.73	10.27	9.82	-79.03	-121.98	459.34	255.28	235.33	19.94	12.800 SF		
2,100.00	2,047.86	2,043.13	1,977.13	10.81	10.26	-89.10	-94.23	457.18	273.05	252.32	20.73	13.174		
2,200.00	2,143.68	2,127.71	2,057.15	11.36	10.71	-97.96	-67.00	454.26	299.56	278.16	21.40	13.997		
2,300.00	2,239.50	2,213.23	2,138.14	11.92	11.16	-105.67	-39.74	450.86	332.78	310.72	22.05	15.090		
2,400.00	2,335.32	2,300.30	2,220.68	12.47	11.62	-112.36	-12.38	446.40	370.64	347.91	22.73	16.308		
2,500.00	2,431.13	2,385.53	2,301.49	13.03	12.07	-118.00	14.08	440.57	411.84	388.46	23.39	17.610		
2,600.00	2,526.95	2,465.65	2,377.36	13.59	12.50	-122.55	39.04	434.33	456.15	432.16	23.99	19.015		
2,700.00	2,622.77	2,549.50	2,456.64	14.15	12.95	-126.52	65.63	428.20	503.33	478.66	24.68	20.396		
2,800.00	2,718.59	2,640.14	2,542.65	14.72	13.44	-130.14	93.41	421.31	551.31	525.82	25.49	21.628		
2,900.00	2,814.40	2,725.60	2,624.18	15.29	13.89	-132.78	118.67	417.06	599.57	573.32	26.25	22.839		
3,000.00	2,910.22	2,805.13	2,699.93	15.85	14.31	-134.68	142.82	415.36	649.24	622.29	26.95	24.092		
3,100.00	3,006.04	2,889.38	2,780.12	16.42	14.76	-136.44	168.58	413.33	699.67	671.94	27.73	25.232		
3,200.00	3,101.85	2,970.52	2,857.28	16.99	15.19	-137.95	193.56	410.95	750.78	722.30	28.47	26.369		
3,300.00	3,197.67	3,048.18	2,930.97	17.56	15.61	-139.14	218.04	409.71	802.77	773.59	29.18	27.512		
3,400.00	3,293.49	3,135.54	3,013.72	18.14	16.07	-140.20	246.04	409.88	855.28	825.24	30.04	28.468		
3,500.00	3,389.31	3,217.40	3,091.34	18.71	16.51	-141.10	272.03	409.74	907.74	876.91	30.83	29.443		
3,600.00	3,485.12	3,298.20	3,167.88	19.28	16.95	-141.94	297.92	408.92	960.74	929.13	31.61	30.397		
3,700.00	3,580.94	3,386.55	3,251.59	19.86	17.43	-142.83	326.12	407.05	1,013.95	981.46	32.49	31.207		
3,800.00	3,676.76	3,488.70	3,348.74	20.43	17.98	-143.77	357.58	404.76	1,066.37	1,032.81	33.56	31.772		
3,900.00	3,772.58	3,592.64	3,448.06	21.01	18.52	-144.47	388.21	405.21	1,117.27	1,082.62	34.65	32.246		
4,000.00	3,868.39	3,692.51	3,543.93	21.58	19.04	-145.12	416.21	405.21	1,167.07	1,131.40	35.67	32.722		
4,100.00	3,964.21	3,770.65	3,619.04	22.16	19.44	-145.60	437.77	405.11	1,216.60	1,180.18	36.41	33.410		
4,200.00	4,060.03	3,843.08	3,688.42	22.74	19.82	-145.99	458.53	405.10	1,267.11	1,230.01	37.10	34.158		
4,300.00	4,155.85	3,915.47	3,757.51	23.32	20.20	-146.33	480.13	405.53	1,318.58	1,280.80	37.78	34.901		
4,400.00	4,251.66	3,989.27	3,827.74	23.89	20.60	-146.65	502.79	405.93	1,370.86	1,332.37	38.49	35.618		
4,500.00	4,347.48	4,060.62	3,895.45	24.47	20.98	-146.94	525.29	406.20	1,423.92	1,384.75	39.17	36.355		
4,600.00	4,443.30	4,126.92	3,958.15	25.05	21.34	-147.18	546.85	406.43	1,477.89	1,438.10	39.78	37.149		
4,700.00	4,539.11	4,191.33	4,018.77	25.63	21.70	-147.40	568.62	406.63	1,532.97	1,492.60	40.37	37.968		
4,800.00	4,634.93	4,258.47	4,081.71	26.21	22.08	-147.61	591.99	406.69	1,588.99	1,547.98	41.01	38.748		
4,900.00	4,730.75	4,436.40	4,250.14	26.79	23.05	-148.21	649.23	405.53	1,642.87	1,599.78	43.09	38.126		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	4,542.57	4,351.88	27.37	23.61	-148.59	679.55	404.42	1,693.81	1,649.61	44.19	38.327		
5,100.00	4,922.38	4,656.90	4,461.88	27.95	24.20	-149.00	710.67	402.90	1,743.71	1,698.34	45.38	38.428		
5,200.00	5,018.20	4,698.30	4,501.63	28.53	24.42	-149.16	722.17	401.80	1,794.22	1,748.50	45.72	39.245		
5,300.00	5,114.02	4,748.80	4,549.88	29.11	24.69	-149.36	736.93	399.82	1,846.51	1,800.36	46.15	40.009		
5,400.00	5,209.84	4,811.14	4,609.19	29.69	25.03	-149.60	755.93	397.05	1,900.07	1,853.34	46.73	40.661		
5,500.00	5,305.65	4,917.26	4,710.08	30.27	25.61	-150.00	788.47	392.05	1,953.94	1,906.09	47.85	40.833		
5,600.00	5,401.47	4,969.53	4,759.80	30.86	25.90	-150.20	804.34	389.31	2,007.71	1,959.40	48.31	41.560		
5,700.00	5,497.29	5,024.88	4,812.14	31.44	26.20	-150.40	822.05	386.07	2,062.95	2,014.15	48.80	42.275		
5,800.00	5,593.10	5,196.43	4,975.49	32.02	27.14	-151.07	873.07	374.36	2,116.44	2,065.72	50.71	41.733		
5,900.00	5,688.92	5,277.31	5,052.95	32.60	27.57	-151.36	895.84	369.36	2,168.69	2,117.17	51.52	42.096		
6,000.00	5,784.74	5,379.45	5,145.61	33.18	29.09	-152.45	967.76	351.10	2,218.30	2,163.72	54.58	40.640		
6,100.00	5,880.56	5,479.50	5,242.56	33.76	29.64	-152.88	989.04	344.93	2,261.61	2,205.92	55.70	40.607		
6,200.00	5,976.37	5,575.00	5,338.56	34.35	31.91	-153.23	1,012.22	342.25	2,303.33	2,244.75	58.58	39.323		
6,300.00	6,072.19	5,670.06	5,434.40	34.93	30.94	-153.60	1,034.84	341.13	2,342.26	2,283.98	58.28	40.187		
6,400.00	6,168.01	5,765.50	5,530.38	35.51	31.34	-153.83	1,047.39	339.93	2,380.79	2,321.64	59.15	40.248		
6,500.00	6,263.83	5,861.00	5,626.30	36.09	33.14	-154.11	1,063.32	339.09	2,418.91	2,357.40	61.52	39.322		
6,600.00	6,359.64	5,956.25	5,721.07	36.68	40.32	-137.12	1,119.25	1,227.02	2,450.13	2,380.51	69.62	35.192		
6,700.00	6,455.46	6,051.25	5,816.27	37.26	40.57	-136.74	1,119.03	1,243.37	2,443.00	2,371.68	71.33	34.252		
6,733.48	6,487.54	6,083.39	5,848.01	37.45	40.65	-136.60	1,118.95	1,249.13	2,441.51	2,369.63	71.88	33.967		
6,750.00	6,503.41	6,099.06	5,864.88	37.55	40.69	-140.39	1,118.91	1,251.80	2,440.93	2,368.79	72.14	33.834		
6,800.00	6,551.83	6,147.41	5,912.67	37.82	40.77	-155.13	1,118.83	1,257.14	2,439.92	2,367.05	72.87	33.481		
6,821.05	6,572.34	6,168.38	5,933.63	37.91	40.79	-162.83	1,118.82	1,258.11	2,439.82	2,366.68	73.14	33.356		
6,850.00	6,600.62	6,196.44	5,961.62	38.05	40.79	-174.49	1,118.82	1,258.17	2,440.01	2,366.52	73.49	33.203		
6,900.00	6,649.47	6,245.87	6,010.77	38.25	40.73	164.92	1,118.87	1,254.61	2,441.20	2,367.22	73.98	32.998		
6,950.00	6,698.08	6,295.43	6,060.14	38.42	40.61	147.56	1,119.00	1,246.18	2,443.47	2,369.12	74.35	32.864		
7,000.00	6,746.15	6,343.87	6,108.78	38.57	40.41	134.76	1,119.18	1,232.63	2,446.76	2,372.16	74.60	32.799		
7,050.00	6,793.39	6,391.93	6,156.78	38.71	40.13	125.52	1,119.39	1,213.72	2,450.98	2,376.25	74.73	32.799		
7,100.00	6,839.50	6,438.43	6,203.26	38.84	39.76	118.63	1,119.60	1,189.26	2,456.00	2,381.26	74.74	32.862		
7,150.00	6,884.20	6,483.20	6,248.31	38.97	39.53	113.50	1,119.74	1,172.06	2,461.72	2,386.84	74.88	32.876		
7,200.00	6,927.21	6,526.03	6,293.13	39.11	39.30	109.41	1,119.95	1,154.92	2,468.09	2,393.07	75.02	32.899		
7,250.00	6,968.28	6,571.75	6,338.75	39.25	39.06	106.02	1,120.27	1,136.42	2,475.02	2,399.89	75.14	32.940		
7,300.00	7,007.13	6,617.59	6,384.10	39.41	38.80	103.12	1,120.71	1,116.70	2,482.41	2,407.17	75.23	32.995		
7,350.00	7,043.55	6,663.85	6,429.98	39.58	36.90	97.71	1,121.26	943.88	2,489.89	2,416.82	73.06	34.079		
7,400.00	7,077.29	6,709.00	6,475.75	39.77	36.59	95.24	1,120.01	907.76	2,495.79	2,422.82	72.97	34.203		
7,450.00	7,108.16	6,754.00	6,521.75	39.98	36.59	93.74	1,120.01	907.76	2,501.89	2,428.46	73.43	34.073		
7,500.00	7,135.96	6,800.00	6,568.75	40.22	36.59	92.42	1,120.01	907.76	2,508.20	2,434.29	73.91	33.934		
7,550.00	7,160.53	6,845.73	6,614.24	40.49	36.35	90.62	1,119.10	874.80	2,513.95	2,439.96	73.99	33.977		
7,600.00	7,181.70	6,891.88	6,660.86	40.79	36.28	89.41	1,119.00	864.83	2,520.02	2,445.60	74.41	33.866		
7,650.00	7,199.35	6,938.61	6,707.31	41.13	36.21	88.32	1,118.99	854.56	2,525.98	2,451.12	74.87	33.740		
7,700.00	7,213.38	6,985.00	6,753.23	41.51	36.02	86.99	1,119.54	822.81	2,532.15	2,457.10	75.04	33.742		
7,750.00	7,223.68	7,031.00	6,800.23	41.93	36.02	86.32	1,119.54	822.81	2,537.45	2,461.73	75.72	33.510		
7,800.00	7,230.21	7,077.25	6,846.23	42.38	36.02	85.75	1,119.54	822.81	2,542.65	2,466.21	76.43	33.266		
7,850.00	7,232.92	7,123.64	6,892.25	42.87	35.92	85.00	1,120.24	803.33	2,547.52	2,470.61	76.91	33.123		
7,858.69	7,233.00	7,170.79	6,939.32	42.95	35.90	84.89	1,120.37	800.01	2,548.31	2,471.31	77.00	33.097		
7,900.00	7,233.10	7,217.71	6,986.07	43.38	35.82	84.68	1,121.05	784.50	2,552.24	2,474.82	77.42	32.967		
8,000.00	7,233.35	7,264.00	7,032.02	44.56	39.26	83.97	1,123.61	735.84	2,563.50	2,480.45	83.05	30.868		
8,100.00	7,233.60	7,310.41	7,077.90	45.91	35.09	81.13	1,125.95	576.62	2,575.55	2,497.51	78.03	33.006		
8,200.00	7,233.85	7,356.35	7,123.84	47.41	34.89	79.77	1,122.13	513.31	2,585.57	2,506.54	79.03	32.718		
8,300.00	7,234.10	7,402.81	7,169.76	49.05	34.80	79.17	1,120.27	488.55	2,598.01	2,517.40	80.61	32.230		
8,400.00	7,234.35	7,449.00	7,215.33	50.81	34.70	78.50	1,118.36	463.28	2,613.35	2,531.14	82.20	31.791		
8,500.00	7,234.59	7,495.00	7,261.33	52.68	34.70	78.50	1,118.36	463.28	2,631.85	2,547.64	84.20	31.255		
8,600.00	7,234.84	7,541.62	7,307.48	54.65	34.58	77.71	1,116.27	437.22	2,653.06	2,567.25	85.80	30.920		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 140-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,235.09	6,913.75	6,654.94	56.70	34.52	77.32	1,115.30	425.96	2,677.57	2,589.97	87.60	30.565		
8,800.00	7,235.34	6,885.00	6,630.10	58.82	34.44	76.78	1,113.98	411.53	2,705.23	2,615.93	89.30	30.294		
8,900.00	7,235.59	6,867.59	6,614.72	61.01	34.38	76.44	1,113.07	403.44	2,735.81	2,644.75	91.06	30.043		
9,000.00	7,235.84	6,832.46	6,582.97	63.25	34.26	75.75	1,110.57	388.65	2,769.15	2,676.53	92.61	29.900		
9,100.00	7,236.09	6,805.70	6,558.21	65.55	34.17	75.20	1,108.07	378.81	2,805.23	2,711.05	94.18	29.787		
9,200.00	7,236.34	6,790.00	6,543.49	67.89	34.12	74.88	1,106.36	373.62	2,844.09	2,748.31	95.77	29.696		
9,300.00	7,236.58	6,790.00	6,543.49	70.27	34.12	74.88	1,106.36	373.62	2,885.83	2,788.38	97.44	29.615		
9,400.00	7,236.83	6,790.00	6,543.49	72.69	34.12	74.88	1,106.36	373.62	2,930.39	2,831.35	99.03	29.590		
9,500.00	7,237.08	6,790.00	6,543.49	75.14	34.12	74.88	1,106.36	373.62	2,977.64	2,877.10	100.54	29.616		
9,600.00	7,237.33	6,790.00	6,543.49	77.62	34.12	74.88	1,106.36	373.62	3,027.46	2,925.49	101.97	29.690		
9,700.00	7,237.58	6,790.00	6,543.49	80.12	34.12	74.88	1,106.36	373.62	3,079.72	2,976.41	103.31	29.810		
9,800.00	7,237.83	6,790.00	6,543.49	82.65	34.12	74.88	1,106.36	373.62	3,134.31	3,029.73	104.58	29.971		
9,900.00	7,238.08	6,790.00	6,543.49	85.20	34.12	74.88	1,106.36	373.62	3,191.09	3,085.32	105.77	30.171		
10,000.00	7,238.32	6,748.01	6,503.42	87.77	33.97	74.00	1,102.04	361.88	3,248.28	3,141.71	106.57	30.481		
10,100.00	7,238.57	6,744.25	6,499.78	90.36	33.96	73.93	1,101.70	360.98	3,308.79	3,201.20	107.59	30.753		
10,200.00	7,238.82	6,740.69	6,496.33	92.97	33.94	73.85	1,101.38	360.15	3,371.15	3,262.60	108.55	31.056		
10,300.00	7,239.07	6,737.32	6,493.06	95.59	33.93	73.78	1,101.09	359.39	3,435.27	3,325.83	109.45	31.388		
10,400.00	7,239.32	6,695.00	6,451.61	98.22	33.78	72.89	1,097.96	351.56	3,502.56	3,392.58	109.98	31.846		
10,500.00	7,239.57	6,695.00	6,451.61	100.87	33.78	72.89	1,097.96	351.56	3,569.70	3,458.91	110.79	32.219		
10,600.00	7,239.82	6,695.00	6,451.61	103.52	33.78	72.89	1,097.96	351.56	3,638.35	3,526.80	111.55	32.617		
10,700.00	7,240.07	6,695.00	6,451.61	106.19	33.78	72.89	1,097.96	351.56	3,708.42	3,596.17	112.25	33.036		
10,800.00	7,240.31	6,695.00	6,451.61	108.87	33.78	72.89	1,097.96	351.56	3,779.84	3,666.93	112.91	33.477		
10,900.00	7,240.56	6,695.00	6,451.61	111.56	33.78	72.89	1,097.96	351.56	3,852.53	3,739.01	113.52	33.938		
11,000.00	7,240.81	6,695.00	6,451.61	114.25	33.78	72.89	1,097.96	351.56	3,926.42	3,812.34	114.09	34.416		
11,100.00	7,241.06	6,695.00	6,451.61	116.96	33.78	72.89	1,097.96	351.56	4,001.45	3,886.84	114.61	34.912		
11,200.00	7,241.31	6,695.00	6,451.61	119.67	33.78	72.89	1,097.96	351.56	4,077.55	3,962.45	115.11	35.424		
11,300.00	7,241.56	6,695.00	6,451.61	122.39	33.78	72.89	1,097.96	351.56	4,154.66	4,039.10	115.56	35.951		
11,400.00	7,241.81	6,695.00	6,451.61	125.11	33.78	72.89	1,097.96	351.56	4,232.74	4,116.74	115.99	36.492		
11,500.00	7,242.06	6,695.00	6,451.61	127.84	33.78	72.89	1,097.96	351.56	4,311.71	4,195.32	116.39	37.046		
11,600.00	7,242.30	6,695.00	6,451.61	130.58	33.78	72.89	1,097.96	351.56	4,391.55	4,274.79	116.76	37.612		
11,700.00	7,242.55	6,695.00	6,451.61	133.32	33.78	72.89	1,097.96	351.56	4,472.19	4,355.09	117.10	38.191		
11,800.00	7,242.80	6,695.00	6,451.61	136.07	33.78	72.89	1,097.96	351.56	4,553.60	4,436.18	117.42	38.779		
11,900.00	7,243.05	6,695.00	6,451.61	138.82	33.78	72.89	1,097.96	351.56	4,635.74	4,518.02	117.72	39.379		
12,000.00	7,243.30	6,695.00	6,451.61	141.58	33.78	72.89	1,097.96	351.56	4,718.57	4,600.57	118.00	39.987		
12,100.00	7,243.55	6,695.00	6,451.61	144.34	33.78	72.89	1,097.96	351.56	4,802.05	4,683.79	118.26	40.605		
12,200.00	7,243.80	6,695.00	6,451.61	147.10	33.78	72.89	1,097.96	351.56	4,886.16	4,767.65	118.51	41.232		
12,300.00	7,244.04	6,695.00	6,451.61	149.87	33.78	72.89	1,097.96	351.56	4,970.85	4,852.12	118.73	41.866		
12,400.00	7,244.29	6,695.00	6,451.61	152.64	33.78	72.89	1,097.96	351.56	5,056.10	4,937.16	118.94	42.508		
12,500.00	7,244.54	6,695.00	6,451.61	155.41	33.78	72.89	1,097.96	351.56	5,141.88	5,022.74	119.14	43.157		
12,600.00	7,244.79	6,695.00	6,451.61	158.19	33.78	72.89	1,097.96	351.56	5,228.17	5,108.84	119.33	43.813		
12,700.00	7,245.04	6,695.00	6,451.61	160.97	33.78	72.89	1,097.96	351.56	5,314.94	5,195.44	119.50	44.475		
12,800.00	7,245.29	6,695.00	6,451.61	163.75	33.78	72.89	1,097.96	351.56	5,402.17	5,282.50	119.67	45.144		
12,900.00	7,245.54	6,695.00	6,451.61	166.54	33.78	72.89	1,097.96	351.56	5,489.83	5,370.01	119.82	45.818		
13,000.00	7,245.79	6,695.00	6,451.61	169.33	33.78	72.89	1,097.96	351.56	5,577.90	5,457.94	119.96	46.497		
13,100.00	7,246.03	6,695.00	6,451.61	172.12	33.78	72.89	1,097.96	351.56	5,666.38	5,546.28	120.10	47.182		
13,200.00	7,246.28	6,695.00	6,451.61	174.91	33.78	72.89	1,097.96	351.56	5,755.23	5,635.00	120.22	47.871		
13,300.00	7,246.53	6,695.00	6,451.61	177.71	33.78	72.89	1,097.96	351.56	5,844.44	5,724.10	120.34	48.565		
13,400.00	7,246.78	6,695.00	6,451.61	180.50	33.78	72.89	1,097.96	351.56	5,933.99	5,813.54	120.46	49.263		
13,500.00	7,247.03	6,695.00	6,451.61	183.30	33.78	72.89	1,097.96	351.56	6,023.88	5,903.31	120.56	49.965		
13,600.00	7,247.28	6,695.00	6,451.61	186.10	33.78	72.89	1,097.96	351.56	6,114.07	5,993.41	120.66	50.672		
13,700.00	7,247.53	6,695.00	6,451.61	188.91	33.78	72.89	1,097.96	351.56	6,204.57	6,083.82	120.76	51.381		
13,800.00	7,247.77	6,695.00	6,451.61	191.71	33.78	72.89	1,097.96	351.56	6,295.36	6,174.51	120.84	52.095		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 140-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	6,695.00	6,451.61	194.52	33.78	72.89	1,097.96	351.56	6,386.42	6,265.49	120.93	52.811		
14,000.00	7,248.27	6,695.00	6,451.61	197.32	33.78	72.89	1,097.96	351.56	6,477.74	6,356.73	121.01	53.531		
14,100.00	7,248.52	6,695.00	6,451.61	200.13	33.78	72.89	1,097.96	351.56	6,569.32	6,448.23	121.08	54.254		
14,200.00	7,248.77	6,695.00	6,451.61	202.94	33.78	72.89	1,097.96	351.56	6,661.14	6,539.98	121.16	54.980		
14,300.00	7,249.02	6,695.00	6,451.61	205.76	33.78	72.89	1,097.96	351.56	6,753.19	6,631.96	121.23	55.708		
14,400.00	7,249.27	6,695.00	6,451.61	208.57	33.78	72.89	1,097.96	351.56	6,845.46	6,724.17	121.29	56.439		
14,500.00	7,249.52	6,695.00	6,451.61	211.38	33.78	72.89	1,097.96	351.56	6,937.95	6,816.60	121.35	57.172		
14,600.00	7,249.76	6,695.00	6,451.61	214.20	33.78	72.89	1,097.96	351.56	7,030.65	6,909.23	121.41	57.907		
14,700.00	7,250.01	6,695.00	6,451.61	217.02	33.78	72.89	1,097.96	351.56	7,123.54	7,002.07	121.47	58.645		
14,800.00	7,250.26	6,695.00	6,451.61	219.84	33.78	72.89	1,097.96	351.56	7,216.62	7,095.10	121.52	59.384		
14,900.00	7,250.51	6,695.00	6,451.61	222.65	33.78	72.89	1,097.96	351.56	7,309.89	7,188.31	121.58	60.126		
15,000.00	7,250.76	6,695.00	6,451.61	225.48	33.78	72.89	1,097.96	351.56	7,403.33	7,281.70	121.63	60.869		
15,100.00	7,251.01	6,695.00	6,451.61	228.30	33.78	72.89	1,097.96	351.56	7,496.94	7,375.26	121.68	61.614		
15,200.00	7,251.26	6,695.00	6,451.61	231.12	33.78	72.89	1,097.96	351.56	7,590.71	7,468.99	121.72	62.361		
15,300.00	7,251.50	6,695.00	6,451.61	233.94	33.78	72.89	1,097.96	351.56	7,684.64	7,562.87	121.77	63.109		
15,400.00	7,251.75	6,695.00	6,451.61	236.77	33.78	72.89	1,097.96	351.56	7,778.72	7,656.91	121.81	63.859		
15,500.00	7,252.00	6,695.00	6,451.61	239.59	33.78	72.89	1,097.96	351.56	7,872.95	7,751.09	121.85	64.610		
15,600.00	7,252.25	6,695.00	6,451.61	242.42	33.78	72.89	1,097.96	351.56	7,967.31	7,845.42	121.90	65.362		
15,700.00	7,252.50	6,695.00	6,451.61	245.24	33.78	72.89	1,097.96	351.56	8,061.82	7,939.88	121.94	66.115		
15,800.00	7,252.75	6,695.00	6,451.61	248.07	33.78	72.89	1,097.96	351.56	8,156.45	8,034.48	121.97	66.870		
15,900.00	7,253.00	6,695.00	6,451.61	250.90	33.78	72.89	1,097.96	351.56	8,251.21	8,129.20	122.01	67.626		
16,000.00	7,253.25	6,695.00	6,451.61	253.73	33.78	72.89	1,097.96	351.56	8,346.10	8,224.05	122.05	68.383		
16,100.00	7,253.49	6,695.00	6,451.61	256.56	33.78	72.89	1,097.96	351.56	8,441.10	8,319.01	122.09	69.140		
16,200.00	7,253.74	6,695.00	6,451.61	259.39	33.78	72.89	1,097.96	351.56	8,536.22	8,414.09	122.12	69.899		
16,300.00	7,253.99	6,695.00	6,451.61	262.22	33.78	72.89	1,097.96	351.56	8,631.44	8,509.28	122.16	70.658		
16,400.00	7,254.24	6,695.00	6,451.61	265.05	33.78	72.89	1,097.96	351.56	8,726.77	8,604.58	122.19	71.418		
16,500.00	7,254.49	6,695.00	6,451.61	267.88	33.78	72.89	1,097.96	351.56	8,822.21	8,699.98	122.23	72.179		
16,600.00	7,254.74	6,695.00	6,451.61	270.72	33.78	72.89	1,097.96	351.56	8,917.75	8,795.49	122.26	72.940		
16,700.00	7,254.99	6,651.52	6,408.49	273.55	33.62	71.98	1,095.54	346.57	9,011.84	8,889.70	122.14	73.782		
16,800.00	7,255.24	6,650.98	6,407.95	276.38	33.62	71.97	1,095.52	346.53	9,107.53	8,985.36	122.17	74.546		
16,900.00	7,255.48	6,650.46	6,407.43	279.22	33.62	71.95	1,095.49	346.49	9,203.31	9,081.11	122.20	75.311		
17,000.00	7,255.73	6,649.94	6,406.91	282.05	33.61	71.94	1,095.47	346.44	9,299.18	9,176.94	122.24	76.076		
17,100.00	7,255.98	6,649.43	6,406.41	284.89	33.61	71.93	1,095.44	346.40	9,395.13	9,272.87	122.27	76.841		
17,200.00	7,256.23	6,648.94	6,405.92	287.73	33.61	71.92	1,095.42	346.36	9,491.17	9,368.87	122.30	77.607		
17,300.00	7,256.48	6,648.45	6,405.43	290.56	33.61	71.91	1,095.40	346.33	9,587.29	9,464.96	122.33	78.373		
17,400.00	7,256.73	6,647.97	6,404.95	293.40	33.61	71.90	1,095.37	346.29	9,683.49	9,561.13	122.36	79.139		
17,500.00	7,256.98	6,647.50	6,404.49	296.24	33.61	71.89	1,095.35	346.25	9,779.76	9,657.37	122.39	79.906		
17,600.00	7,257.22	6,647.04	6,404.03	299.07	33.60	71.88	1,095.33	346.22	9,876.11	9,753.68	122.42	80.673		
17,700.00	7,257.47	6,646.59	6,403.58	301.91	33.60	71.87	1,095.31	346.18	9,972.52	9,850.07	122.45	81.440		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	136.92	-542.44	507.26	742.75					
100.00	100.00	96.32	96.31	3.28	3.29	136.91	-541.99	507.05	742.23	735.66	6.57	112.938		
200.00	200.00	204.51	204.49	3.34	3.31	136.87	-540.41	506.30	740.69	734.04	6.65	111.391		
300.00	300.00	312.65	312.59	3.44	3.35	136.80	-537.70	505.02	738.05	731.25	6.80	108.534		
400.00	399.98	420.60	420.46	3.60	3.41	0.29	-533.85	503.20	732.56	725.55	7.01	104.437		
500.00	499.84	539.92	539.55	3.79	3.58	0.07	-527.07	500.73	721.80	714.41	7.39	97.635		
600.00	599.45	653.14	652.24	4.03	3.81	-0.43	-516.33	498.83	705.14	697.26	7.87	89.568		
700.00	698.70	768.15	766.21	4.30	4.10	-1.29	-501.07	497.78	682.95	674.51	8.45	80.867		
800.00	797.47	885.86	882.10	4.60	4.45	-2.61	-480.47	496.68	654.58	645.48	9.10	71.908		
900.00	895.62	1,005.04	998.35	4.94	4.84	-4.49	-454.37	494.54	619.66	609.83	9.83	63.057		
1,000.00	993.06	1,106.14	1,096.29	5.32	5.21	-6.52	-429.50	491.16	579.15	568.64	10.51	55.103		
1,100.00	1,089.64	1,191.69	1,179.16	5.73	5.55	-8.57	-408.60	487.62	535.57	524.41	11.16	47.994		
1,131.50	1,119.87	1,223.24	1,209.73	5.87	5.67	-9.41	-400.91	486.13	521.21	509.81	11.40	45.736		
1,200.00	1,185.51	1,291.17	1,275.39	6.18	5.95	-11.30	-383.94	482.18	489.15	477.26	11.89	41.134		
1,300.00	1,281.33	1,389.43	1,369.65	6.65	6.38	-14.75	-357.04	475.45	441.06	428.43	12.63	34.924		
1,400.00	1,377.14	1,468.34	1,444.91	7.13	6.74	-18.47	-333.80	470.85	393.96	380.59	13.36	29.478		
1,500.00	1,472.96	1,556.21	1,528.40	7.63	7.15	-23.76	-306.81	466.03	348.66	334.48	14.18	24.585		
1,600.00	1,568.78	1,631.41	1,599.95	8.14	7.51	-29.35	-283.95	462.40	307.15	292.08	15.07	20.385		
1,700.00	1,664.60	1,712.22	1,677.34	8.66	7.90	-36.45	-260.84	459.95	272.05	256.01	16.04	16.957		
1,800.00	1,760.41	1,800.58	1,762.40	9.19	8.31	-45.48	-237.12	457.03	243.10	225.99	17.10	14.212		
1,900.00	1,856.23	1,888.73	1,847.63	9.73	8.73	-55.79	-214.92	453.17	221.07	202.85	18.23	12.130		
2,000.00	1,952.05	1,974.66	1,930.60	10.27	9.15	-67.22	-192.98	449.08	208.79	189.46	19.34	10.798		
2,047.23	1,997.31	2,014.36	1,968.81	10.53	9.34	-72.85	-182.38	447.19	207.29	187.47	19.82	10.458 CC, ES		
2,100.00	2,047.86	2,058.91	2,011.60	10.81	9.56	-79.23	-170.14	445.07	209.16	188.86	20.31	10.299 SF		
2,200.00	2,143.68	2,143.18	2,092.41	11.36	9.98	-90.83	-146.61	441.02	222.48	201.41	21.07	10.557		
2,300.00	2,239.50	2,226.45	2,172.32	11.92	10.39	-100.79	-123.41	437.84	246.83	225.15	21.68	11.385		
2,400.00	2,335.32	2,303.79	2,246.15	12.47	10.79	-108.61	-100.50	435.41	280.52	258.39	22.13	12.675		
2,500.00	2,431.13	2,396.36	2,334.42	13.03	11.26	-116.24	-72.82	432.12	319.69	296.82	22.87	13.977		
2,600.00	2,526.95	2,479.20	2,413.68	13.59	11.69	-121.65	-48.92	429.13	361.62	338.15	23.47	15.405		
2,700.00	2,622.77	2,573.57	2,504.17	14.15	12.17	-126.53	-22.33	426.00	405.51	381.20	24.31	16.680		
2,800.00	2,718.59	2,655.55	2,583.04	14.72	12.58	-129.94	-0.10	423.55	450.20	425.23	24.96	18.035		
2,900.00	2,814.40	2,736.29	2,660.48	15.29	12.99	-132.60	22.70	422.28	497.08	471.46	25.63	19.397		
3,000.00	2,910.22	2,813.87	2,734.64	15.85	13.39	-134.80	45.44	420.70	545.78	519.52	26.26	20.786		
3,100.00	3,006.04	2,892.65	2,809.57	16.42	13.80	-136.63	69.74	419.71	596.40	569.46	26.93	22.144		
3,200.00	3,101.85	2,979.74	2,892.37	16.99	14.26	-138.37	96.71	418.30	647.63	619.87	27.76	23.326		
3,300.00	3,197.67	3,079.68	2,987.74	17.56	14.79	-140.12	126.52	416.31	698.33	669.52	28.80	24.245		
3,400.00	3,293.49	3,176.69	3,081.12	18.14	15.28	-141.60	152.71	414.37	746.71	716.93	29.78	25.075		
3,500.00	3,389.31	3,248.66	3,150.21	18.71	15.65	-142.55	172.80	412.94	796.25	765.86	30.39	26.203		
3,600.00	3,485.12	3,323.24	3,221.50	19.28	16.04	-143.45	194.66	411.25	847.27	816.23	31.05	27.291		
3,700.00	3,580.94	3,445.73	3,339.23	19.86	16.67	-144.78	228.26	408.16	896.75	864.35	32.40	27.680		
3,800.00	3,676.76	3,526.29	3,417.04	20.43	17.08	-145.66	248.89	405.01	945.20	912.06	33.14	28.520		
3,900.00	3,772.58	3,591.37	3,479.64	21.01	17.42	-146.35	266.35	401.59	995.17	961.49	33.68	29.550		
4,000.00	3,868.39	3,681.23	3,565.81	21.58	17.89	-147.23	291.30	396.41	1,046.23	1,011.67	34.56	30.270		
4,100.00	3,964.21	3,784.03	3,664.74	22.16	18.42	-148.12	318.79	391.29	1,096.39	1,060.77	35.62	30.777		
4,200.00	4,060.03	3,855.04	3,733.10	22.74	18.79	-148.64	337.74	388.32	1,146.45	1,110.19	36.26	31.617		
4,300.00	4,155.85	3,912.00	3,787.66	23.32	19.09	-149.01	353.93	386.13	1,198.09	1,161.38	36.71	32.639		
4,400.00	4,251.66	3,959.57	3,832.80	23.89	19.35	-149.28	368.87	384.35	1,252.21	1,215.20	37.01	33.833		
4,500.00	4,347.48	4,011.74	3,881.79	24.47	19.64	-149.53	386.66	382.36	1,308.66	1,271.27	37.38	35.008		
4,600.00	4,443.30	4,070.00	3,936.08	25.05	19.97	-149.81	407.65	379.83	1,366.86	1,329.01	37.85	36.115		
4,700.00	4,539.11	4,154.54	4,014.66	25.63	20.46	-150.18	438.57	375.74	1,425.74	1,387.00	38.73	36.809		
4,800.00	4,634.93	4,358.85	4,207.11	26.21	21.60	-151.13	506.04	364.62	1,483.26	1,441.96	41.30	35.915		
4,900.00	4,730.75	4,489.12	4,332.79	26.79	22.27	-151.71	539.81	358.99	1,532.83	1,490.14	42.69	35.904		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	4,568.30	4,409.29	27.37	22.68	-152.05	559.95	355.59	1,582.33	1,538.88	43.46	36.413		
5,100.00	4,922.38	4,648.58	4,486.77	27.95	23.09	-152.35	580.70	352.37	1,632.16	1,587.92	44.24	36.897		
5,200.00	5,018.20	4,720.32	4,555.84	28.53	23.46	-152.58	600.00	350.25	1,682.60	1,637.68	44.92	37.460		
5,300.00	5,114.02	4,845.20	4,676.43	29.11	24.10	-152.95	632.17	346.55	1,731.97	1,685.74	46.23	37.464		
5,400.00	5,209.84	4,915.85	4,744.73	29.69	24.47	-153.17	650.08	344.10	1,781.30	1,734.40	46.90	37.980		
5,500.00	5,305.65	4,992.75	4,818.94	30.27	24.86	-153.40	670.07	341.27	1,831.27	1,783.62	47.65	38.435		
5,600.00	5,401.47	5,081.44	4,904.48	30.86	25.32	-153.65	693.22	337.67	1,881.47	1,832.94	48.53	38.768		
5,700.00	5,497.29	5,148.73	4,969.32	31.44	25.67	-153.84	710.96	334.92	1,931.94	1,882.77	49.17	39.293		
5,800.00	5,593.10	5,215.33	5,036.66	32.02	27.45	-154.71	789.97	326.88	1,981.22	1,928.42	52.79	37.529		
5,900.00	5,688.92	5,281.75	5,107.96	32.60	28.46	-155.43	812.59	325.42	2,015.46	1,960.81	54.65	36.877		
6,000.00	5,784.74	5,354.83	5,184.89	33.18	28.82	-155.70	817.70	325.39	2,046.68	1,991.18	55.50	36.877		
6,100.00	5,880.56	5,421.45	5,261.39	33.76	29.08	-155.91	821.69	324.67	2,078.74	2,022.54	56.20	36.990		
6,200.00	5,976.37	5,491.50	5,341.19	34.35	29.63	-156.36	829.55	322.51	2,110.78	2,053.47	57.31	36.831		
6,300.00	6,072.19	5,562.11	5,421.71	34.93	30.13	-156.73	834.41	322.56	2,140.48	2,082.13	58.35	36.686		
6,400.00	6,168.01	5,632.93	5,503.51	35.51	30.63	-157.14	836.86	321.98	2,168.75	2,109.36	59.39	36.518		
6,500.00	6,263.83	5,703.78	5,584.36	36.09	31.02	-157.47	837.23	321.43	2,195.80	2,135.52	60.28	36.426		
6,600.00	6,359.64	5,774.46	5,665.76	36.68	31.25	-140.09	850.53	1,132.94	2,216.82	2,150.49	66.33	33.420		
6,700.00	6,455.46	5,845.00	5,746.87	37.26	31.56	-139.52	850.87	1,155.48	2,204.44	2,136.18	68.26	32.293		
6,733.48	6,487.54	5,867.00	5,773.87	37.45	31.56	-139.52	850.87	1,155.48	2,201.24	2,132.46	68.77	32.008		
6,750.00	6,503.41	5,867.00	5,773.87	37.55	31.56	-143.29	850.87	1,155.48	2,199.83	2,130.82	69.02	31.874		
6,800.00	6,551.83	5,868.30	5,773.88	37.82	31.58	-157.89	850.89	1,156.78	2,196.25	2,126.50	69.75	31.486		
6,850.00	6,600.62	5,871.12	5,773.90	38.05	31.62	-176.97	850.94	1,159.60	2,193.70	2,123.22	70.47	31.128		
6,900.00	6,649.47	5,870.08	5,773.89	38.25	31.60	162.74	850.92	1,158.56	2,192.19	2,121.10	71.08	30.839		
6,946.56	6,694.75	5,867.00	5,773.87	38.41	31.56	146.76	850.87	1,155.48	2,191.73	2,120.15	71.58	30.620		
6,950.00	6,698.08	5,867.00	5,773.87	38.42	31.56	145.75	850.87	1,155.48	2,191.73	2,120.11	71.62	30.603		
7,000.00	6,746.15	5,867.00	5,773.87	38.57	31.56	133.50	850.87	1,155.48	2,192.33	2,120.16	72.17	30.377		
7,050.00	6,793.39	5,851.77	5,773.79	38.71	31.35	124.54	850.62	1,140.25	2,193.91	2,121.46	72.45	30.283		
7,100.00	6,839.50	5,841.01	5,773.74	38.84	31.20	118.14	850.48	1,129.49	2,196.45	2,123.68	72.77	30.184		
7,150.00	6,884.20	5,827.82	5,773.71	38.97	31.02	113.25	850.35	1,116.30	2,199.87	2,126.84	73.03	30.123		
7,200.00	6,927.21	5,812.27	5,773.69	39.11	30.81	109.36	850.24	1,100.75	2,204.08	2,130.84	73.23	30.097		
7,250.00	6,968.28	5,794.45	5,773.70	39.25	30.56	106.12	850.19	1,082.93	2,208.97	2,135.58	73.39	30.099		
7,300.00	7,007.13	5,777.14	5,773.74	39.41	30.32	103.40	850.20	1,065.62	2,214.43	2,140.88	73.54	30.110		
7,350.00	7,043.55	5,760.00	5,773.49	39.58	30.03	100.31	850.15	1,048.48	2,220.08	2,146.97	73.10	30.369		
7,400.00	7,077.29	5,744.39	5,773.78	39.77	29.65	98.15	850.08	982.89	2,225.75	2,152.56	73.19	30.409		
7,450.00	7,108.16	5,729.75	5,773.48	39.98	29.08	96.25	850.16	958.28	2,231.61	2,158.29	73.32	30.437		
7,500.00	7,135.96	5,714.53	5,773.51	40.22	28.51	94.55	850.41	933.14	2,237.54	2,164.09	73.46	30.460		
7,550.00	7,160.53	5,693.93	5,773.86	40.49	27.82	92.80	851.02	892.82	2,243.43	2,170.00	73.43	30.552		
7,600.00	7,181.70	5,671.00	5,773.20	40.79	26.83	90.73	851.31	821.42	2,248.54	2,175.52	73.02	30.795		
7,650.00	7,199.35	5,651.00	5,771.20	41.13	25.83	89.93	851.31	821.42	2,253.29	2,179.66	73.64	30.600		
7,700.00	7,213.38	5,632.71	5,770.18	41.51	24.59	88.71	851.46	784.76	2,257.56	2,183.74	73.83	30.580		
7,750.00	7,223.68	5,614.46	5,769.75	41.93	23.48	87.87	851.78	766.61	2,261.81	2,187.53	74.28	30.449		
7,800.00	7,230.21	5,600.00	5,768.01	42.38	22.30	86.96	852.84	732.86	2,265.96	2,191.40	74.56	30.391		
7,850.00	7,232.92	5,586.47	5,766.07	42.87	21.26	86.48	853.21	723.27	2,269.51	2,194.30	75.20	30.179		
7,858.69	7,233.00	5,581.97	5,764.47	42.95	20.26	86.28	853.67	710.19	2,270.07	2,194.89	75.18	30.197		
7,900.00	7,233.10	5,568.51	5,762.07	43.38	19.28	85.51	854.84	654.51	2,272.46	2,197.35	75.12	30.252		
8,000.00	7,233.35	5,554.26	5,759.94	44.56	18.25	83.63	852.66	557.64	2,277.30	2,201.74	75.57	30.136		
8,100.00	7,233.60	5,540.00	5,757.94	45.91	17.25	82.90	851.41	528.33	2,284.51	2,207.54	76.97	29.682		
8,200.00	7,233.85	5,525.00	5,755.35	47.41	16.23	82.16	850.41	501.43	2,294.87	2,216.41	78.46	29.250		
8,300.00	7,234.10	5,509.52	5,752.34	49.05	15.23	81.23	849.07	471.74	2,308.25	2,228.29	79.95	28.871		
8,400.00	7,234.35	5,494.95	5,749.16	50.81	14.23	80.40	847.67	448.43	2,324.73	2,243.19	81.54	28.512		
8,500.00	7,234.59	5,480.81	5,745.36	52.68	13.25	79.54	845.98	426.57	2,344.40	2,261.26	83.13	28.201		
8,600.00	7,234.84	5,466.26	5,741.50	54.65	12.24	78.77	844.27	409.00	2,367.30	2,282.54	84.76	27.928		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,700.00	7,235.09	6,966.00	6,762.94	56.70	32.89	78.46	843.53	402.31	2,393.60	2,307.03	86.57	27.650		
8,800.00	7,235.34	6,966.00	6,762.94	58.82	32.89	78.46	843.53	402.31	2,423.68	2,335.23	88.46	27.400		
8,900.00	7,235.59	6,928.62	6,729.37	61.01	32.77	77.63	841.73	385.97	2,456.57	2,366.63	89.95	27.311		
9,000.00	7,235.84	6,916.17	6,717.99	63.25	32.73	77.35	841.22	380.96	2,493.17	2,401.58	91.59	27.221		
9,100.00	7,236.09	6,904.74	6,707.45	65.55	32.69	77.09	840.78	376.54	2,533.01	2,439.84	93.16	27.188		
9,200.00	7,236.34	6,872.00	6,676.86	67.89	32.58	76.35	839.76	364.92	2,576.29	2,481.82	94.47	27.270		
9,300.00	7,236.58	6,872.00	6,676.86	70.27	32.58	76.35	839.76	364.92	2,621.98	2,526.00	95.98	27.318		
9,400.00	7,236.83	6,872.00	6,676.86	72.69	32.58	76.35	839.76	364.92	2,670.63	2,573.24	97.39	27.422		
9,500.00	7,237.08	6,872.00	6,676.86	75.14	32.58	76.35	839.76	364.92	2,722.08	2,623.37	98.71	27.577		
9,600.00	7,237.33	6,872.00	6,676.86	77.62	32.58	76.35	839.76	364.92	2,776.19	2,676.25	99.94	27.779		
9,700.00	7,237.58	6,872.00	6,676.86	80.12	32.58	76.35	839.76	364.92	2,832.79	2,731.71	101.08	28.026		
9,800.00	7,237.83	6,872.00	6,676.86	82.65	32.58	76.35	839.76	364.92	2,891.74	2,789.61	102.13	28.313		
9,900.00	7,238.08	6,872.00	6,676.86	85.20	32.58	76.35	839.76	364.92	2,952.91	2,849.80	103.11	28.638		
10,000.00	7,238.32	6,831.43	6,638.24	87.77	32.44	75.41	838.96	352.54	3,014.91	2,911.13	103.78	29.052		
10,100.00	7,238.57	6,825.52	6,632.56	90.36	32.42	75.28	838.89	350.92	3,079.70	2,975.11	104.59	29.447		
10,200.00	7,238.82	6,819.94	6,627.18	92.97	32.40	75.15	838.84	349.43	3,146.28	3,040.95	105.33	29.870		
10,300.00	7,239.07	6,814.65	6,622.08	95.59	32.38	75.03	838.80	348.05	3,214.55	3,108.53	106.02	30.320		
10,400.00	7,239.32	6,777.00	6,585.45	98.22	32.25	74.16	838.78	339.34	3,285.23	3,178.76	106.47	30.856		
10,500.00	7,239.57	6,777.00	6,585.45	100.87	32.25	74.16	838.78	339.34	3,356.36	3,249.28	107.09	31.342		
10,600.00	7,239.82	6,777.00	6,585.45	103.52	32.25	74.16	838.78	339.34	3,428.93	3,321.28	107.66	31.851		
10,700.00	7,240.07	6,777.00	6,585.45	106.19	32.25	74.16	838.78	339.34	3,502.86	3,394.68	108.18	32.380		
10,800.00	7,240.31	6,777.00	6,585.45	108.87	32.25	74.16	838.78	339.34	3,578.05	3,469.39	108.66	32.930		
10,900.00	7,240.56	6,777.00	6,585.45	111.56	32.25	74.16	838.78	339.34	3,654.42	3,545.33	109.10	33.497		
11,000.00	7,240.81	6,777.00	6,585.45	114.25	32.25	74.16	838.78	339.34	3,731.92	3,622.42	109.50	34.081		
11,100.00	7,241.06	6,777.00	6,585.45	116.96	32.25	74.16	838.78	339.34	3,810.47	3,700.59	109.87	34.681		
11,200.00	7,241.31	6,777.00	6,585.45	119.67	32.25	74.16	838.78	339.34	3,889.99	3,779.78	110.21	35.296		
11,300.00	7,241.56	6,777.00	6,585.45	122.39	32.25	74.16	838.78	339.34	3,970.45	3,859.93	110.52	35.924		
11,400.00	7,241.81	6,777.00	6,585.45	125.11	32.25	74.16	838.78	339.34	4,051.77	3,940.96	110.81	36.565		
11,500.00	7,242.06	6,777.00	6,585.45	127.84	32.25	74.16	838.78	339.34	4,133.92	4,022.85	111.07	37.218		
11,600.00	7,242.30	6,777.00	6,585.45	130.58	32.25	74.16	838.78	339.34	4,216.84	4,105.52	111.32	37.882		
11,700.00	7,242.55	6,777.00	6,585.45	133.32	32.25	74.16	838.78	339.34	4,300.48	4,188.94	111.54	38.556		
11,800.00	7,242.80	6,777.00	6,585.45	136.07	32.25	74.16	838.78	339.34	4,384.81	4,273.06	111.74	39.241		
11,900.00	7,243.05	6,777.00	6,585.45	138.82	32.25	74.16	838.78	339.34	4,469.78	4,357.85	111.93	39.934		
12,000.00	7,243.30	6,777.00	6,585.45	141.58	32.25	74.16	838.78	339.34	4,555.36	4,443.26	112.10	40.636		
12,100.00	7,243.55	6,777.00	6,585.45	144.34	32.25	74.16	838.78	339.34	4,641.53	4,529.26	112.26	41.346		
12,200.00	7,243.80	6,777.00	6,585.45	147.10	32.25	74.16	838.78	339.34	4,728.23	4,615.82	112.41	42.063		
12,300.00	7,244.04	6,777.00	6,585.45	149.87	32.25	74.16	838.78	339.34	4,815.45	4,702.91	112.54	42.788		
12,400.00	7,244.29	6,777.00	6,585.45	152.64	32.25	74.16	838.78	339.34	4,903.16	4,790.49	112.67	43.519		
12,500.00	7,244.54	6,777.00	6,585.45	155.41	32.25	74.16	838.78	339.34	4,991.33	4,878.55	112.78	44.256		
12,600.00	7,244.79	6,737.20	6,546.30	158.19	32.11	73.24	838.91	332.24	5,078.84	4,966.06	112.78	45.034		
12,700.00	7,245.04	6,735.15	6,544.27	160.97	32.10	73.19	838.91	331.93	5,167.74	5,054.87	112.87	45.784		
12,800.00	7,245.29	6,733.18	6,542.32	163.75	32.10	73.15	838.91	331.64	5,257.04	5,144.08	112.96	46.539		
12,900.00	7,245.54	6,731.28	6,540.45	166.54	32.09	73.10	838.91	331.37	5,346.71	5,233.67	113.04	47.299		
13,000.00	7,245.79	6,729.46	6,538.64	169.33	32.08	73.06	838.90	331.11	5,436.74	5,323.62	113.12	48.063		
13,100.00	7,246.03	6,727.69	6,536.89	172.12	32.08	73.02	838.90	330.87	5,527.11	5,413.92	113.19	48.832		
13,200.00	7,246.28	6,725.99	6,535.20	174.91	32.07	72.98	838.90	330.63	5,617.80	5,504.54	113.25	49.605		
13,300.00	7,246.53	6,724.35	6,533.58	177.71	32.07	72.94	838.90	330.41	5,708.79	5,595.48	113.31	50.381		
13,400.00	7,246.78	6,722.76	6,532.00	180.50	32.06	72.90	838.90	330.21	5,800.08	5,686.71	113.37	51.162		
13,500.00	7,247.03	6,682.00	6,491.46	183.30	31.92	71.96	838.70	326.04	5,892.74	5,779.45	113.29	52.013		
13,600.00	7,247.28	6,682.00	6,491.46	186.10	31.92	71.96	838.70	326.04	5,984.50	5,871.15	113.35	52.796		
13,700.00	7,247.53	6,682.00	6,491.46	188.91	31.92	71.96	838.70	326.04	6,076.51	5,963.11	113.40	53.584		
13,800.00	7,247.77	6,682.00	6,491.46	191.71	31.92	71.96	838.70	326.04	6,168.78	6,055.32	113.45	54.374		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 437-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	6,682.00	6,491.46	194.52	31.92	71.96	838.70	326.04	6,261.28	6,147.78	113.50	55.167		
14,000.00	7,248.27	6,682.00	6,491.46	197.32	31.92	71.96	838.70	326.04	6,354.01	6,240.46	113.54	55.962		
14,100.00	7,248.52	6,682.00	6,491.46	200.13	31.92	71.96	838.70	326.04	6,446.95	6,333.37	113.58	56.760		
14,200.00	7,248.77	6,682.00	6,491.46	202.94	31.92	71.96	838.70	326.04	6,540.11	6,426.48	113.62	57.561		
14,300.00	7,249.02	6,682.00	6,491.46	205.76	31.92	71.96	838.70	326.04	6,633.46	6,519.80	113.66	58.363		
14,400.00	7,249.27	6,682.00	6,491.46	208.57	31.92	71.96	838.70	326.04	6,727.00	6,613.31	113.69	59.168		
14,500.00	7,249.52	6,682.00	6,491.46	211.38	31.92	71.96	838.70	326.04	6,820.73	6,707.00	113.73	59.975		
14,600.00	7,249.76	6,682.00	6,491.46	214.20	31.92	71.96	838.70	326.04	6,914.63	6,800.88	113.76	60.783		
14,700.00	7,250.01	6,682.00	6,491.46	217.02	31.92	71.96	838.70	326.04	7,008.71	6,894.92	113.79	61.594		
14,800.00	7,250.26	6,682.00	6,491.46	219.84	31.92	71.96	838.70	326.04	7,102.94	6,989.12	113.82	62.406		
14,900.00	7,250.51	6,682.00	6,491.46	222.65	31.92	71.96	838.70	326.04	7,197.33	7,083.48	113.85	63.219		
15,000.00	7,250.76	6,682.00	6,491.46	225.48	31.92	71.96	838.70	326.04	7,291.87	7,177.99	113.88	64.034		
15,100.00	7,251.01	6,682.00	6,491.46	228.30	31.92	71.96	838.70	326.04	7,386.55	7,272.65	113.90	64.850		
15,200.00	7,251.26	6,682.00	6,491.46	231.12	31.92	71.96	838.70	326.04	7,481.37	7,367.45	113.93	65.668		
15,300.00	7,251.50	6,682.00	6,491.46	233.94	31.92	71.96	838.70	326.04	7,576.33	7,462.38	113.95	66.486		
15,400.00	7,251.75	6,682.00	6,491.46	236.77	31.92	71.96	838.70	326.04	7,671.41	7,557.43	113.98	67.306		
15,500.00	7,252.00	6,682.00	6,491.46	239.59	31.92	71.96	838.70	326.04	7,766.62	7,652.62	114.00	68.127		
15,600.00	7,252.25	6,682.00	6,491.46	242.42	31.92	71.96	838.70	326.04	7,861.94	7,747.92	114.03	68.948		
15,700.00	7,252.50	6,682.00	6,491.46	245.24	31.92	71.96	838.70	326.04	7,957.38	7,843.33	114.05	69.771		
15,800.00	7,252.75	6,682.00	6,491.46	248.07	31.92	71.96	838.70	326.04	8,052.93	7,938.86	114.07	70.594		
15,900.00	7,253.00	6,682.00	6,491.46	250.90	31.92	71.96	838.70	326.04	8,148.59	8,034.49	114.10	71.418		
16,000.00	7,253.25	6,682.00	6,491.46	253.73	31.92	71.96	838.70	326.04	8,244.35	8,130.23	114.12	72.243		
16,100.00	7,253.49	6,682.00	6,491.46	256.56	31.92	71.96	838.70	326.04	8,340.21	8,226.07	114.14	73.068		
16,200.00	7,253.74	6,682.00	6,491.46	259.39	31.92	71.96	838.70	326.04	8,436.17	8,322.00	114.17	73.894		
16,300.00	7,253.99	6,682.00	6,491.46	262.22	31.92	71.96	838.70	326.04	8,532.22	8,418.03	114.19	74.720		
16,400.00	7,254.24	6,682.00	6,491.46	265.05	31.92	71.96	838.70	326.04	8,628.36	8,514.14	114.21	75.546		
16,500.00	7,254.49	6,682.00	6,491.46	267.88	31.92	71.96	838.70	326.04	8,724.58	8,610.35	114.24	76.374		
16,600.00	7,254.74	6,682.00	6,491.46	270.72	31.92	71.96	838.70	326.04	8,820.89	8,706.63	114.26	77.201		
16,700.00	7,254.99	6,682.00	6,491.46	273.55	31.92	71.96	838.70	326.04	8,917.28	8,803.00	114.28	78.028		
16,800.00	7,255.24	6,682.00	6,491.46	276.38	31.92	71.96	838.70	326.04	9,013.75	8,899.45	114.31	78.856		
16,900.00	7,255.48	6,682.00	6,491.46	279.22	31.92	71.96	838.70	326.04	9,110.30	8,995.97	114.33	79.684		
17,000.00	7,255.73	6,682.00	6,491.46	282.05	31.92	71.96	838.70	326.04	9,206.92	9,092.56	114.35	80.513		
17,100.00	7,255.98	6,682.00	6,491.46	284.89	31.92	71.96	838.70	326.04	9,303.61	9,189.23	114.38	81.341		
17,200.00	7,256.23	6,682.00	6,491.46	287.73	31.92	71.96	838.70	326.04	9,400.37	9,285.97	114.40	82.169		
17,300.00	7,256.48	6,682.00	6,491.46	290.56	31.92	71.96	838.70	326.04	9,497.20	9,382.77	114.43	82.998		
17,400.00	7,256.73	6,682.00	6,491.46	293.40	31.92	71.96	838.70	326.04	9,594.09	9,479.63	114.45	83.826		
17,500.00	7,256.98	6,682.00	6,491.46	296.24	31.92	71.96	838.70	326.04	9,691.04	9,576.56	114.48	84.654		
17,600.00	7,257.22	6,682.00	6,491.46	299.07	31.92	71.96	838.70	326.04	9,788.06	9,673.56	114.50	85.482		
17,700.00	7,257.47	6,682.00	6,491.46	301.91	31.92	71.96	838.70	326.04	9,885.14	9,770.61	114.53	86.310		
17,800.00	7,257.72	6,682.00	6,491.46	304.75	31.92	71.96	838.70	326.04	9,982.27	9,867.71	114.56	87.138		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	143.45	-682.70	506.15	849.94					
100.00	100.00	89.59	89.58	3.28	3.29	143.46	-682.83	505.93	849.83	843.26	6.57	129.339		
200.00	200.00	190.50	190.50	3.34	3.31	143.52	-683.25	505.17	849.72	843.07	6.65	127.761		
277.42	277.42	269.28	269.27	3.42	3.38	143.58	-683.59	504.38	849.53	842.73	6.80	124.994		
300.00	300.00	282.45	282.44	3.44	3.39	143.59	-683.75	504.29	849.63	842.79	6.84	124.211		
400.00	399.98	354.30	354.26	3.60	3.49	7.28	-685.87	504.38	850.34	843.24	7.10	119.795		
500.00	499.84	435.45	435.25	3.79	3.63	7.49	-690.82	504.74	850.34	842.90	7.44	114.302		
600.00	599.45	511.98	511.46	4.03	3.79	7.81	-697.75	505.12	849.35	841.50	7.85	108.202		
700.00	698.70	593.30	592.23	4.30	3.98	8.20	-707.10	506.44	847.55	839.22	8.33	101.783		
800.00	797.47	674.98	673.12	4.60	4.20	8.70	-718.32	507.85	844.31	835.45	8.86	95.296		
900.00	895.62	753.45	750.47	4.94	4.44	9.32	-731.46	508.96	840.07	830.64	9.44	89.028		
1,000.00	993.06	831.20	826.58	5.32	4.70	10.12	-747.31	509.39	835.14	825.09	10.05	83.068		
1,100.00	1,089.64	915.97	908.99	5.73	5.01	11.19	-767.16	508.84	829.07	818.35	10.72	77.312		
1,131.50	1,119.87	941.59	933.77	5.87	5.11	11.56	-773.64	508.42	826.89	815.95	10.94	75.574		
1,200.00	1,185.51	996.90	987.01	6.18	5.34	12.42	-788.57	506.96	822.62	811.20	11.42	72.023		
1,300.00	1,281.33	1,085.26	1,071.56	6.65	5.71	13.90	-814.03	503.99	818.20	806.03	12.17	67.225		
1,400.00	1,377.14	1,177.64	1,159.75	7.13	6.13	15.48	-841.39	500.95	815.24	802.28	12.96	62.892		
1,500.00	1,472.96	1,274.28	1,251.88	7.63	6.58	17.15	-870.40	497.65	813.33	799.53	13.80	58.956		
1,600.00	1,568.78	1,364.98	1,338.32	8.14	7.02	18.72	-897.71	494.89	812.40	797.78	14.62	55.551		
1,605.58	1,574.12	1,369.94	1,343.03	8.17	7.05	18.80	-899.24	494.72	812.40	797.73	14.67	55.376		
1,700.00	1,664.60	1,463.66	1,431.98	8.66	7.52	20.53	-928.47	490.52	812.73	797.22	15.51	52.400		
1,800.00	1,760.41	1,562.44	1,525.49	9.19	8.03	22.51	-959.60	483.82	813.51	797.09	16.42	49.554		
1,900.00	1,856.23	1,664.03	1,621.74	9.73	8.56	24.55	-991.26	476.55	814.84	797.49	17.35	46.954		
2,000.00	1,952.05	1,759.58	1,712.54	10.27	9.06	26.40	-1,020.38	470.37	816.66	798.39	18.27	44.699		
2,100.00	2,047.86	1,877.68	1,825.19	10.81	9.68	28.60	-1,055.17	463.72	818.66	799.34	19.32	42.367		
2,200.00	2,143.68	1,980.85	1,924.30	11.36	10.22	30.43	-1,083.38	458.52	819.47	799.17	20.30	40.373		
2,300.00	2,239.50	2,086.23	2,025.85	11.92	10.76	32.24	-1,111.13	453.99	820.18	798.88	21.29	38.522		
2,400.00	2,335.32	2,189.88	2,126.03	12.47	11.30	34.01	-1,137.30	449.25	820.48	798.20	22.28	36.821		
2,500.00	2,431.13	2,279.25	2,212.42	13.03	11.76	35.54	-1,159.84	445.29	821.54	798.34	23.20	35.405		
2,600.00	2,526.95	2,369.04	2,298.87	13.59	12.23	37.03	-1,183.87	441.87	824.86	800.73	24.13	34.179		
2,700.00	2,622.77	2,478.13	2,404.28	14.15	12.80	38.79	-1,211.70	438.20	827.61	802.42	25.19	32.857		
2,800.00	2,718.59	2,568.11	2,491.20	14.72	13.27	40.21	-1,234.81	435.53	831.24	805.11	26.13	31.811		
2,900.00	2,814.40	2,655.15	2,575.09	15.29	13.74	41.51	-1,257.95	433.92	836.41	809.36	27.06	30.912		
3,000.00	2,910.22	2,744.88	2,661.18	15.85	14.22	42.87	-1,283.15	431.71	843.64	815.63	28.01	30.121		
3,100.00	3,006.04	2,846.68	2,759.02	16.42	14.77	44.43	-1,311.09	428.51	850.85	821.79	29.06	29.282		
3,200.00	3,101.85	2,931.10	2,839.90	16.99	15.23	45.76	-1,335.02	424.88	859.64	829.66	29.98	28.675		
3,300.00	3,197.67	3,029.33	2,933.74	17.56	15.77	47.29	-1,363.67	420.49	869.95	838.93	31.02	28.045		
3,400.00	3,293.49	3,137.17	3,037.29	18.14	16.36	48.92	-1,393.49	415.96	879.23	847.09	32.14	27.353		
3,500.00	3,389.31	3,226.38	3,122.81	18.71	16.85	50.25	-1,418.57	412.12	889.64	856.53	33.12	26.862		
3,600.00	3,485.12	3,340.16	3,231.93	19.28	17.47	51.90	-1,450.43	407.26	900.60	866.29	34.31	26.252		
3,700.00	3,580.94	3,434.06	3,322.50	19.86	17.98	53.19	-1,475.03	404.22	910.06	874.73	35.33	25.759		
3,800.00	3,676.76	3,536.15	3,420.62	20.43	18.53	54.58	-1,502.93	400.24	921.28	884.86	36.43	25.292		
3,900.00	3,772.58	3,636.29	3,517.20	21.01	19.07	55.88	-1,529.21	397.39	931.63	894.12	37.51	24.838		
4,000.00	3,868.39	3,725.38	3,602.98	21.58	19.55	56.95	-1,553.21	395.51	942.94	904.44	38.50	24.491		
4,100.00	3,964.21	3,809.64	3,683.84	22.16	20.02	57.95	-1,576.81	393.56	955.74	916.29	39.45	24.226		
4,200.00	4,060.03	3,897.43	3,767.73	22.74	20.51	58.93	-1,602.62	391.58	970.23	929.80	40.43	23.996		
4,300.00	4,155.85	3,991.76	3,857.68	23.32	21.04	59.94	-1,630.94	389.68	985.61	944.13	41.48	23.759		
4,400.00	4,251.66	4,084.64	3,946.19	23.89	21.56	60.89	-1,659.07	387.87	1,001.53	959.01	42.52	23.554		
4,500.00	4,347.48	4,176.75	4,033.76	24.47	22.09	61.79	-1,687.56	386.17	1,018.31	974.76	43.55	23.381		
4,600.00	4,443.30	4,278.95	4,130.92	25.05	22.67	62.77	-1,719.19	383.96	1,035.51	990.82	44.70	23.168		
4,700.00	4,539.11	4,387.65	4,234.61	25.63	23.29	63.80	-1,751.72	381.68	1,051.99	1,006.08	45.91	22.915		
4,800.00	4,634.93	4,478.17	4,321.14	26.21	23.79	64.68	-1,778.20	379.26	1,068.34	1,021.41	46.93	22.764		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
4,900.00	4,730.75	4,574.54	4,413.23	26.79	24.33	65.69	-1,806.19	374.48	1,085.70	1,037.68	48.02	22.609		
5,000.00	4,826.57	4,680.90	4,515.10	27.37	24.93	66.81	-1,836.24	368.75	1,102.88	1,053.66	49.22	22.409		
5,100.00	4,922.38	4,808.04	4,637.47	27.95	25.62	68.12	-1,870.12	362.39	1,118.83	1,068.23	50.61	22.108		
5,200.00	5,018.20	4,891.62	4,718.20	28.53	26.07	68.99	-1,891.37	358.28	1,133.96	1,082.39	51.57	21.987		
5,300.00	5,114.02	4,996.63	4,819.52	29.11	26.64	70.09	-1,918.19	351.92	1,150.08	1,097.33	52.75	21.803		
5,400.00	5,209.84	5,090.57	4,910.30	29.69	27.14	71.06	-1,941.72	346.45	1,165.99	1,112.18	53.81	21.667		
5,500.00	5,305.65	5,190.10	5,006.43	30.27	27.67	72.03	-1,966.95	341.00	1,182.33	1,127.39	54.94	21.522		
5,600.00	5,401.47	5,296.60	5,109.35	30.86	28.25	73.01	-1,993.84	335.93	1,198.53	1,142.40	56.13	21.355		
5,700.00	5,497.29	5,471.56	5,279.71	31.44	29.15	74.56	-2,033.23	330.90	1,211.96	1,154.12	57.84	20.955		
5,800.00	5,593.10	5,613.30	5,419.31	32.02	29.83	75.88	-2,057.65	329.21	1,220.06	1,160.89	59.17	20.621		
5,900.00	5,688.92	5,746.38	5,551.00	32.60	30.44	77.14	-2,076.76	329.33	1,225.47	1,165.08	60.38	20.294		
6,000.00	5,784.74	5,876.08	5,679.99	33.18	31.00	78.51	-2,090.32	328.68	1,228.36	1,166.81	61.54	19.959		
6,100.00	5,880.56	5,983.13	5,786.70	33.76	31.44	79.77	-2,098.54	326.77	1,230.30	1,167.67	62.63	19.644		
6,200.00	5,976.37	6,092.88	5,896.21	34.35	31.89	81.10	-2,105.44	324.77	1,231.70	1,167.99	63.72	19.331		
6,300.00	6,072.19	6,222.51	6,025.67	34.93	32.40	82.68	-2,111.77	323.21	1,232.33	1,167.52	64.80	19.016		
6,400.00	6,168.01	6,337.48	6,140.62	35.51	32.84	84.15	-2,114.11	322.72	1,230.80	1,164.94	65.86	18.689		
6,500.00	6,263.83	6,425.02	6,228.14	36.09	33.16	85.31	-2,115.29	321.77	1,229.85	1,162.94	66.91	18.381		
6,600.00	6,359.64	7,929.83	7,096.51	36.68	38.85	57.23	-2,119.23	1,152.44	1,169.52	1,120.91	48.61	24.058		
6,700.00	6,455.46	7,947.63	7,096.26	37.26	39.13	55.91	-2,119.64	1,170.23	1,094.18	1,042.10	52.08	21.008		
6,733.48	6,487.54	7,953.60	7,096.17	37.45	39.22	55.47	-2,119.78	1,176.20	1,069.79	1,016.48	53.32	20.065		
6,750.00	6,503.41	7,956.35	7,096.13	37.55	39.27	49.85	-2,119.85	1,178.95	1,057.90	1,003.96	53.94	19.614		
6,800.00	6,551.83	7,962.24	7,096.05	37.82	39.36	29.94	-2,119.99	1,184.84	1,022.31	966.50	55.82	18.316		
6,850.00	6,600.62	7,964.44	7,096.02	38.05	39.39	6.06	-2,120.04	1,187.03	987.64	929.94	57.70	17.118		
6,900.00	6,649.47	7,962.91	7,096.04	38.25	39.37	-18.26	-2,120.01	1,185.50	954.23	894.67	59.56	16.022		
6,950.00	6,698.08	7,957.65	7,096.11	38.42	39.29	-38.50	-2,119.88	1,180.24	922.42	861.03	61.39	15.027		
7,000.00	6,746.15	7,948.68	7,096.24	38.57	39.14	-53.34	-2,119.66	1,171.28	892.51	829.35	63.16	14.131		
7,050.00	6,793.39	7,936.05	7,096.42	38.71	38.94	-63.80	-2,119.37	1,158.65	864.79	799.93	64.86	13.334		
7,100.00	6,839.50	7,921.00	7,096.64	38.84	38.71	-71.23	-2,119.03	1,143.61	839.46	773.01	66.46	12.632		
7,150.00	6,884.20	7,905.01	7,096.88	38.97	38.47	-76.63	-2,118.74	1,127.62	816.77	748.81	67.96	12.018		
7,200.00	6,927.21	7,887.23	7,097.15	39.11	38.22	-80.52	-2,118.55	1,109.85	796.91	727.58	69.33	11.495		
7,250.00	6,968.28	7,866.84	7,097.47	39.25	37.93	-83.23	-2,118.51	1,089.47	779.99	709.46	70.53	11.060		
7,300.00	7,007.13	7,843.97	7,097.84	39.41	37.60	-85.02	-2,118.70	1,066.59	766.04	694.50	71.54	10.708		
7,350.00	7,043.55	7,814.81	7,098.32	39.58	37.20	-85.89	-2,119.25	1,037.45	754.99	682.63	72.36	10.434		
7,400.00	7,077.29	7,773.05	7,098.83	39.77	36.67	-85.69	-2,119.96	995.69	746.25	673.27	72.98	10.225		
7,450.00	7,108.16	7,729.18	7,099.09	39.98	36.15	-85.15	-2,120.42	951.83	739.39	665.94	73.45	10.067		
7,500.00	7,135.96	7,686.53	7,099.14	40.22	35.99	-84.51	-2,120.69	909.18	734.22	660.37	73.85	9.942		
7,550.00	7,160.53	7,641.90	7,099.04	40.49	35.98	-83.71	-2,120.88	864.55	730.51	656.37	74.13	9.854		
7,600.00	7,181.70	7,596.28	7,098.38	40.79	35.98	-82.83	-2,120.96	818.94	727.99	653.58	74.41	9.784		
7,650.00	7,199.35	7,552.81	7,096.62	41.13	35.98	-81.99	-2,120.86	775.50	726.44	651.83	74.61	9.736		
7,700.00	7,213.38	7,491.63	7,091.97	41.51	35.97	-80.64	-2,120.07	714.52	725.41	650.52	74.89	9.686		
7,750.00	7,223.68	7,431.33	7,084.17	41.93	35.97	-79.34	-2,117.63	654.77	724.13	648.99	75.13	9.638		
7,800.00	7,230.21	7,395.14	7,077.54	42.38	35.95	-78.62	-2,115.53	619.28	723.04	647.61	75.42	9.586		
7,807.26	7,230.84	7,391.46	7,076.65	42.45	35.95	-78.54	-2,115.34	615.70	723.02	647.54	75.47	9.580 CC, ES		
7,850.00	7,232.92	7,370.11	7,070.59	42.87	35.93	-77.95	-2,114.36	595.27	723.69	647.95	75.75	9.554		
7,858.69	7,233.00	7,365.84	7,069.19	42.95	35.93	-77.81	-2,114.19	591.24	724.00	648.20	75.80	9.551		
7,900.00	7,233.10	7,346.17	7,061.94	43.38	35.91	-77.24	-2,113.54	572.96	726.23	650.15	76.08	9.546 SF		
8,000.00	7,233.35	7,301.40	7,040.78	44.56	35.86	-75.60	-2,112.79	533.58	737.26	660.49	76.78	9.603		
8,100.00	7,233.60	7,262.05	7,017.15	45.91	35.79	-73.80	-2,112.60	502.15	756.66	679.20	77.47	9.768		
8,200.00	7,233.85	7,224.00	6,990.30	47.41	35.73	-71.81	-2,112.73	475.24	785.03	706.98	78.05	10.058		
8,300.00	7,234.10	7,193.86	6,967.05	49.05	35.65	-70.13	-2,112.89	456.06	821.82	743.27	78.55	10.462		
8,400.00	7,234.35	7,170.00	6,947.91	50.81	35.59	-68.77	-2,112.91	441.82	866.21	787.24	78.97	10.969		
8,500.00	7,234.59	7,135.23	6,919.02	52.68	35.50	-66.76	-2,113.09	422.49	917.42	838.20	79.22	11.581		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 166-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,600.00	7,234.84	7,112.28	6,899.39	54.65	35.44	-65.44	-2,113.45	410.60	974.97	895.52	79.45	12.272		
8,700.00	7,235.09	7,074.00	6,865.74	56.70	35.34	-63.26	-2,114.48	392.39	1,038.31	958.82	79.50	13.061		
8,800.00	7,235.34	7,074.00	6,865.74	58.82	35.34	-63.26	-2,114.48	392.39	1,105.54	1,025.81	79.73	13.865		
8,900.00	7,235.59	7,074.00	6,865.74	61.01	35.34	-63.26	-2,114.48	392.39	1,177.43	1,097.55	79.88	14.739		
9,000.00	7,235.84	7,037.37	6,832.58	63.25	35.23	-61.19	-2,115.61	376.87	1,251.87	1,172.04	79.84	15.680		
9,100.00	7,236.09	7,022.16	6,818.57	65.55	35.19	-60.35	-2,116.01	370.97	1,329.52	1,249.67	79.85	16.649		
9,200.00	7,236.34	7,008.53	6,805.89	67.89	35.15	-59.59	-2,116.34	365.97	1,409.61	1,329.75	79.86	17.651		
9,300.00	7,236.58	6,979.00	6,778.09	70.27	35.06	-57.97	-2,116.94	356.05	1,492.08	1,412.29	79.78	18.702		
9,400.00	7,236.83	6,979.00	6,778.09	72.69	35.06	-57.97	-2,116.94	356.05	1,575.82	1,496.00	79.81	19.744		
9,500.00	7,237.08	6,979.00	6,778.09	75.14	35.06	-57.97	-2,116.94	356.05	1,661.36	1,581.53	79.82	20.813		
9,600.00	7,237.33	6,979.00	6,778.09	77.62	35.06	-57.97	-2,116.94	356.05	1,748.43	1,668.62	79.82	21.906		
9,700.00	7,237.58	6,979.00	6,778.09	80.12	35.06	-57.97	-2,116.94	356.05	1,836.82	1,757.03	79.80	23.019		
9,800.00	7,237.83	6,979.00	6,778.09	82.65	35.06	-57.97	-2,116.94	356.05	1,926.35	1,846.58	79.77	24.148		
9,900.00	7,238.08	6,943.13	6,743.75	85.20	34.94	-56.04	-2,117.51	345.71	2,015.64	1,935.94	79.70	25.291		
10,000.00	7,238.32	6,936.63	6,737.47	87.77	34.92	-55.70	-2,117.60	344.04	2,106.54	2,026.87	79.67	26.442		
10,100.00	7,238.57	6,930.59	6,731.62	90.36	34.90	-55.38	-2,117.67	342.55	2,198.15	2,118.51	79.64	27.602		
10,200.00	7,238.82	6,924.99	6,726.18	92.97	34.89	-55.09	-2,117.74	341.21	2,290.41	2,210.80	79.61	28.771		
10,300.00	7,239.07	6,886.00	6,688.03	95.59	34.76	-53.09	-2,118.12	333.22	2,384.30	2,304.76	79.54	29.977		
10,400.00	7,239.32	6,886.00	6,688.03	98.22	34.76	-53.09	-2,118.12	333.22	2,477.35	2,397.83	79.52	31.152		
10,500.00	7,239.57	6,886.00	6,688.03	100.87	34.76	-53.09	-2,118.12	333.22	2,570.92	2,491.42	79.51	32.335		
10,600.00	7,239.82	6,886.00	6,688.03	103.52	34.76	-53.09	-2,118.12	333.22	2,664.96	2,585.47	79.49	33.525		
10,700.00	7,240.07	6,886.00	6,688.03	106.19	34.76	-53.09	-2,118.12	333.22	2,759.43	2,679.95	79.48	34.720		
10,800.00	7,240.31	6,886.00	6,688.03	108.87	34.76	-53.09	-2,118.12	333.22	2,854.26	2,774.80	79.46	35.920		
10,900.00	7,240.56	6,886.00	6,688.03	111.56	34.76	-53.09	-2,118.12	333.22	2,949.44	2,870.00	79.45	37.125		
11,000.00	7,240.81	6,886.00	6,688.03	114.25	34.76	-53.09	-2,118.12	333.22	3,044.93	2,965.50	79.43	38.334		
11,100.00	7,241.06	6,886.00	6,688.03	116.96	34.76	-53.09	-2,118.12	333.22	3,140.70	3,061.28	79.42	39.545		
11,200.00	7,241.31	6,886.00	6,688.03	119.67	34.76	-53.09	-2,118.12	333.22	3,236.72	3,157.31	79.41	40.760		
11,300.00	7,241.56	6,886.00	6,688.03	122.39	34.76	-53.09	-2,118.12	333.22	3,332.98	3,253.58	79.40	41.978		
11,400.00	7,241.81	6,886.00	6,688.03	125.11	34.76	-53.09	-2,118.12	333.22	3,429.45	3,350.06	79.39	43.197		
11,500.00	7,242.06	6,886.00	6,688.03	127.84	34.76	-53.09	-2,118.12	333.22	3,526.12	3,446.74	79.38	44.418		
11,600.00	7,242.30	6,886.00	6,688.03	130.58	34.76	-53.09	-2,118.12	333.22	3,622.97	3,543.59	79.38	45.641		
11,700.00	7,242.55	6,886.00	6,688.03	133.32	34.76	-53.09	-2,118.12	333.22	3,719.99	3,640.61	79.38	46.865		
11,800.00	7,242.80	6,886.00	6,688.03	136.07	34.76	-53.09	-2,118.12	333.22	3,817.16	3,737.78	79.37	48.090		
11,900.00	7,243.05	6,886.00	6,688.03	138.82	34.76	-53.09	-2,118.12	333.22	3,914.47	3,835.10	79.38	49.316		
12,000.00	7,243.30	6,850.39	6,652.88	141.58	34.64	-51.32	-2,118.11	327.51	4,011.28	3,931.90	79.38	50.532		
12,100.00	7,243.55	6,846.94	6,649.47	144.34	34.63	-51.15	-2,118.08	327.02	4,108.72	4,029.33	79.38	51.757		
12,200.00	7,243.80	6,843.62	6,646.18	147.10	34.62	-50.99	-2,118.05	326.55	4,206.27	4,126.88	79.39	52.981		
12,300.00	7,244.04	6,840.44	6,643.03	149.87	34.60	-50.84	-2,118.01	326.11	4,303.92	4,224.52	79.40	54.206		
12,400.00	7,244.29	6,837.37	6,639.99	152.64	34.59	-50.69	-2,117.97	325.69	4,401.67	4,322.26	79.41	55.430		
12,500.00	7,244.54	6,834.42	6,637.07	155.41	34.58	-50.55	-2,117.93	325.30	4,499.50	4,420.08	79.42	56.655		
12,600.00	7,244.79	6,831.59	6,634.26	158.19	34.57	-50.41	-2,117.89	324.93	4,597.43	4,517.99	79.43	57.878		
12,700.00	7,245.04	6,828.85	6,631.54	160.97	34.57	-50.28	-2,117.84	324.58	4,695.43	4,615.98	79.45	59.102		
12,800.00	7,245.29	6,792.00	6,594.94	163.75	34.44	-48.54	-2,116.89	320.47	4,794.08	4,714.63	79.45	60.338		
12,900.00	7,245.54	6,792.00	6,594.94	166.54	34.44	-48.54	-2,116.89	320.47	4,892.15	4,812.68	79.47	61.559		
13,000.00	7,245.79	6,792.00	6,594.94	169.33	34.44	-48.54	-2,116.89	320.47	4,990.29	4,910.80	79.49	62.778		
13,100.00	7,246.03	6,792.00	6,594.94	172.12	34.44	-48.54	-2,116.89	320.47	5,088.50	5,008.99	79.51	63.997		
13,200.00	7,246.28	6,792.00	6,594.94	174.91	34.44	-48.54	-2,116.89	320.47	5,186.79	5,107.25	79.53	65.215		
13,300.00	7,246.53	6,792.00	6,594.94	177.71	34.44	-48.54	-2,116.89	320.47	5,285.13	5,205.58	79.56	66.432		
13,400.00	7,246.78	6,792.00	6,594.94	180.50	34.44	-48.54	-2,116.89	320.47	5,383.54	5,303.96	79.58	67.648		
13,500.00	7,247.03	6,792.00	6,594.94	183.30	34.44	-48.54	-2,116.89	320.47	5,482.01	5,402.40	79.61	68.863		
13,600.00	7,247.28	6,792.00	6,594.94	186.10	34.44	-48.54	-2,116.89	320.47	5,580.53	5,500.89	79.63	70.077		
13,700.00	7,247.53	6,792.00	6,594.94	188.91	34.44	-48.54	-2,116.89	320.47	5,679.10	5,599.44	79.66	71.289		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 166-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.77	6,792.00	6,594.94	191.71	34.44	-48.54	-2,116.89	320.47	5,777.72	5,698.03	79.69	72.500		
13,900.00	7,248.02	6,792.00	6,594.94	194.52	34.44	-48.54	-2,116.89	320.47	5,876.39	5,796.67	79.72	73.710		
14,000.00	7,248.27	6,792.00	6,594.94	197.32	34.44	-48.54	-2,116.89	320.47	5,975.10	5,895.35	79.76	74.918		
14,100.00	7,248.52	6,792.00	6,594.94	200.13	34.44	-48.54	-2,116.89	320.47	6,073.86	5,994.07	79.79	76.125		
14,200.00	7,248.77	6,792.00	6,594.94	202.94	34.44	-48.54	-2,116.89	320.47	6,172.65	6,092.83	79.82	77.330		
14,300.00	7,249.02	6,792.00	6,594.94	205.76	34.44	-48.54	-2,116.89	320.47	6,271.48	6,191.62	79.86	78.533		
14,400.00	7,249.27	6,792.00	6,594.94	208.57	34.44	-48.54	-2,116.89	320.47	6,370.35	6,290.46	79.89	79.734		
14,500.00	7,249.52	6,792.00	6,594.94	211.38	34.44	-48.54	-2,116.89	320.47	6,469.25	6,389.32	79.93	80.934		
14,600.00	7,249.76	6,792.00	6,594.94	214.20	34.44	-48.54	-2,116.89	320.47	6,568.19	6,488.22	79.97	82.132		
14,700.00	7,250.01	6,792.00	6,594.94	217.02	34.44	-48.54	-2,116.89	320.47	6,667.16	6,587.15	80.01	83.328		
14,800.00	7,250.26	6,792.00	6,594.94	219.84	34.44	-48.54	-2,116.89	320.47	6,766.16	6,686.11	80.05	84.522		
14,900.00	7,250.51	6,792.00	6,594.94	222.65	34.44	-48.54	-2,116.89	320.47	6,865.19	6,785.09	80.09	85.714		
15,000.00	7,250.76	6,792.00	6,594.94	225.48	34.44	-48.54	-2,116.89	320.47	6,964.24	6,884.11	80.14	86.904		
15,100.00	7,251.01	6,792.00	6,594.94	228.30	34.44	-48.54	-2,116.89	320.47	7,063.32	6,983.14	80.18	88.091		
15,200.00	7,251.26	6,792.00	6,594.94	231.12	34.44	-48.54	-2,116.89	320.47	7,162.43	7,082.21	80.23	89.277		
15,300.00	7,251.50	6,792.00	6,594.94	233.94	34.44	-48.54	-2,116.89	320.47	7,261.56	7,181.29	80.27	90.460		
15,400.00	7,251.75	6,792.00	6,594.94	236.77	34.44	-48.54	-2,116.89	320.47	7,360.72	7,280.40	80.32	91.642		
15,500.00	7,252.00	6,792.00	6,594.94	239.59	34.44	-48.54	-2,116.89	320.47	7,459.90	7,379.53	80.37	92.820		
15,600.00	7,252.25	6,792.00	6,594.94	242.42	34.44	-48.54	-2,116.89	320.47	7,559.10	7,478.68	80.42	93.997		
15,700.00	7,252.50	6,792.00	6,594.94	245.24	34.44	-48.54	-2,116.89	320.47	7,658.32	7,577.85	80.47	95.171		
15,800.00	7,252.75	6,792.00	6,594.94	248.07	34.44	-48.54	-2,116.89	320.47	7,757.56	7,677.04	80.52	96.343		
15,900.00	7,253.00	6,792.00	6,594.94	250.90	34.44	-48.54	-2,116.89	320.47	7,856.82	7,776.25	80.57	97.512		
16,000.00	7,253.25	6,792.00	6,594.94	253.73	34.44	-48.54	-2,116.89	320.47	7,956.10	7,875.47	80.63	98.679		
16,100.00	7,253.49	6,792.00	6,594.94	256.56	34.44	-48.54	-2,116.89	320.47	8,055.40	7,974.72	80.68	99.844		
16,200.00	7,253.74	6,792.00	6,594.94	259.39	34.44	-48.54	-2,116.89	320.47	8,154.71	8,073.97	80.74	101.005		
16,300.00	7,253.99	6,792.00	6,594.94	262.22	34.44	-48.54	-2,116.89	320.47	8,254.04	8,173.25	80.79	102.165		
16,400.00	7,254.24	6,792.00	6,594.94	265.05	34.44	-48.54	-2,116.89	320.47	8,353.39	8,272.54	80.85	103.321		
16,500.00	7,254.49	6,792.00	6,594.94	267.88	34.44	-48.54	-2,116.89	320.47	8,452.75	8,371.84	80.91	104.475		
16,600.00	7,254.74	6,792.00	6,594.94	270.72	34.44	-48.54	-2,116.89	320.47	8,552.12	8,471.16	80.97	105.627		
16,700.00	7,254.99	6,792.00	6,594.94	273.55	34.44	-48.54	-2,116.89	320.47	8,651.51	8,570.49	81.03	106.776		
16,800.00	7,255.24	6,792.00	6,594.94	276.38	34.44	-48.54	-2,116.89	320.47	8,750.92	8,669.83	81.09	107.922		
16,900.00	7,255.48	6,792.00	6,594.94	279.22	34.44	-48.54	-2,116.89	320.47	8,850.34	8,769.19	81.15	109.065		
17,000.00	7,255.73	6,792.00	6,594.94	282.05	34.44	-48.54	-2,116.89	320.47	8,949.77	8,868.56	81.21	110.205		
17,100.00	7,255.98	6,792.00	6,594.94	284.89	34.44	-48.54	-2,116.89	320.47	9,049.21	8,967.94	81.27	111.343		
17,200.00	7,256.23	6,792.00	6,594.94	287.73	34.44	-48.54	-2,116.89	320.47	9,148.67	9,067.33	81.34	112.478		
17,300.00	7,256.48	6,792.00	6,594.94	290.56	34.44	-48.54	-2,116.89	320.47	9,248.14	9,166.73	81.40	113.610		
17,400.00	7,256.73	6,792.00	6,594.94	293.40	34.44	-48.54	-2,116.89	320.47	9,347.61	9,266.15	81.47	114.739		
17,500.00	7,256.98	6,792.00	6,594.94	296.24	34.44	-48.54	-2,116.89	320.47	9,447.10	9,365.57	81.54	115.865		
17,600.00	7,257.22	6,792.00	6,594.94	299.07	34.44	-48.54	-2,116.89	320.47	9,546.60	9,465.00	81.60	116.989		
17,700.00	7,257.47	6,792.00	6,594.94	301.91	34.44	-48.54	-2,116.89	320.47	9,646.12	9,564.44	81.67	118.109		
17,800.00	7,257.72	6,792.00	6,594.94	304.75	34.44	-48.54	-2,116.89	320.47	9,745.64	9,663.90	81.74	119.227		
17,900.00	7,257.97	6,792.00	6,594.94	307.59	34.44	-48.54	-2,116.89	320.47	9,845.17	9,763.36	81.81	120.341		
18,000.00	7,258.22	6,792.00	6,594.94	310.43	34.44	-48.54	-2,116.89	320.47	9,944.71	9,862.83	81.88	121.453		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	142.61	-662.67	506.43	834.10					
100.00	100.00	87.16	87.16	3.28	3.29	142.65	-663.05	506.09	834.13	827.55	6.57	126.949		
200.00	200.00	185.06	185.04	3.34	3.31	142.77	-664.37	504.91	834.47	827.83	6.64	125.613		
300.00	300.00	282.90	282.83	3.44	3.34	142.97	-666.65	502.88	835.08	828.29	6.79	123.064		
400.00	399.98	380.63	380.46	3.60	3.39	6.88	-669.88	500.01	834.22	827.24	6.99	119.413		
500.00	499.84	471.69	471.37	3.79	3.47	7.29	-673.96	496.51	830.37	823.10	7.26	114.331		
600.00	599.45	556.88	556.17	4.03	3.62	7.90	-680.57	491.96	824.85	817.20	7.65	107.879		
700.00	698.70	646.07	644.68	4.30	3.81	8.74	-689.71	485.90	817.25	809.14	8.11	100.761		
800.00	797.47	728.72	726.50	4.60	4.02	9.66	-699.90	480.20	808.08	799.45	8.63	93.646		
900.00	895.62	809.19	805.87	4.94	4.26	10.70	-711.87	474.56	797.85	788.65	9.20	86.741		
1,000.00	993.06	885.53	880.86	5.32	4.50	11.82	-725.24	469.46	787.00	777.19	9.81	80.264		
1,100.00	1,089.64	961.14	954.85	5.73	4.77	13.00	-740.24	465.45	775.90	765.45	10.45	74.267		
1,131.50	1,119.87	984.94	978.10	5.87	4.85	13.38	-745.28	464.51	772.38	761.72	10.66	72.469		
1,200.00	1,185.51	1,040.65	1,032.40	6.18	5.06	14.23	-757.60	462.77	765.35	754.21	11.14	68.726		
1,300.00	1,281.33	1,126.37	1,115.69	6.65	5.40	15.58	-777.72	460.56	757.02	745.16	11.85	63.857		
1,400.00	1,377.14	1,218.69	1,205.17	7.13	5.78	17.07	-800.39	458.54	750.41	737.77	12.63	59.409		
1,500.00	1,472.96	1,314.38	1,297.67	7.63	6.20	18.75	-824.62	455.19	744.61	731.16	13.45	55.372		
1,600.00	1,568.78	1,402.91	1,382.93	8.14	6.60	20.42	-848.10	451.19	740.27	726.01	14.26	51.914		
1,700.00	1,664.60	1,489.68	1,466.04	8.66	7.02	22.16	-872.64	446.54	738.11	723.03	15.08	48.940		
1,788.89	1,749.76	1,573.22	1,545.77	9.13	7.43	23.90	-897.04	441.53	737.61	721.75	15.86	46.512		
1,800.00	1,760.41	1,583.86	1,555.92	9.19	7.48	24.13	-900.17	440.88	737.61	721.66	15.96	46.225		
1,900.00	1,856.23	1,681.83	1,649.47	9.73	7.98	26.13	-928.79	435.56	738.22	721.35	16.87	43.771		
2,000.00	1,952.05	1,789.55	1,752.76	10.27	8.52	28.22	-958.98	430.76	738.80	720.96	17.84	41.419		
2,100.00	2,047.86	1,896.77	1,856.11	10.81	9.06	30.20	-987.24	426.97	738.77	719.95	18.82	39.260		
2,200.00	2,143.68	2,005.67	1,961.60	11.36	9.60	32.07	-1,014.20	424.66	738.16	718.35	19.81	37.264		
2,300.00	2,239.50	2,125.87	2,078.70	11.92	10.19	34.05	-1,041.19	422.72	736.01	715.15	20.86	35.286		
2,400.00	2,335.32	2,239.82	2,190.38	12.47	10.73	35.97	-1,063.73	420.23	731.73	709.85	21.87	33.452		
2,500.00	2,431.13	2,331.04	2,279.86	13.03	11.17	37.52	-1,081.32	418.19	727.58	704.79	22.80	31.915		
2,600.00	2,526.95	2,422.18	2,369.12	13.59	11.61	39.09	-1,099.60	416.09	724.85	701.12	23.73	30.545		
2,700.00	2,622.77	2,520.14	2,465.00	14.15	12.08	40.84	-1,119.48	413.25	723.00	698.29	24.71	29.262		
2,765.11	2,685.16	2,576.62	2,520.20	14.52	12.36	41.88	-1,131.26	411.21	722.54	697.23	25.31	28.546		
2,800.00	2,718.59	2,608.42	2,551.23	14.72	12.52	42.47	-1,138.11	409.97	722.66	697.02	25.64	28.180		
2,900.00	2,814.40	2,711.55	2,651.94	15.29	13.03	44.41	-1,159.93	405.86	723.14	696.47	26.67	27.111		
3,000.00	2,910.22	2,805.76	2,744.02	15.85	13.50	46.17	-1,179.48	402.02	724.02	696.36	27.66	26.176		
3,100.00	3,006.04	2,884.00	2,820.19	16.42	13.89	47.60	-1,197.11	399.22	727.36	698.81	28.55	25.480		
3,200.00	3,101.85	2,968.94	2,902.46	16.99	14.33	49.06	-1,218.10	396.84	733.50	704.03	29.47	24.887		
3,300.00	3,197.67	3,094.66	3,024.50	17.56	14.98	51.20	-1,248.03	393.42	739.42	708.71	30.71	24.076		
3,400.00	3,293.49	3,200.85	3,128.35	18.14	15.51	53.03	-1,270.00	390.41	742.85	711.05	31.80	23.359		
3,500.00	3,389.31	3,304.78	3,229.93	18.71	16.03	54.79	-1,291.79	387.62	747.26	714.38	32.88	22.727		
3,600.00	3,485.12	3,411.70	3,334.97	19.28	16.55	56.53	-1,311.66	385.89	749.65	715.67	33.98	22.063		
3,700.00	3,580.94	3,504.72	3,426.29	19.86	17.00	58.12	-1,329.21	383.18	753.32	718.32	35.00	21.524		
3,800.00	3,676.76	3,597.74	3,517.51	20.43	17.46	59.64	-1,347.27	381.15	757.97	721.94	36.02	21.041		
3,900.00	3,772.58	3,686.75	3,604.65	21.01	17.90	61.08	-1,365.26	378.81	764.11	727.08	37.02	20.638		
4,000.00	3,868.39	3,793.55	3,709.14	21.58	18.44	62.88	-1,386.96	374.65	771.43	733.27	38.16	20.216		
4,100.00	3,964.21	3,878.23	3,792.16	22.16	18.86	64.27	-1,403.37	371.75	778.41	739.28	39.13	19.892		
4,200.00	4,060.03	3,953.98	3,865.96	22.74	19.25	65.51	-1,420.03	368.04	788.85	748.83	40.02	19.713		
4,300.00	4,155.85	4,037.90	3,947.31	23.32	19.69	66.87	-1,439.99	362.92	802.03	761.07	40.96	19.579		
4,400.00	4,251.66	4,132.06	4,038.27	23.89	20.19	68.21	-1,463.95	358.81	816.54	774.52	42.01	19.435		
4,500.00	4,347.48	4,242.44	4,144.84	24.47	20.77	69.66	-1,492.41	354.77	831.57	788.33	43.24	19.233		
4,600.00	4,443.30	4,377.21	4,276.23	25.05	21.46	71.43	-1,522.21	351.45	843.02	798.37	44.66	18.877		
4,700.00	4,539.11	4,471.76	4,368.85	25.63	21.94	72.70	-1,541.03	349.16	853.09	807.38	45.72	18.661		
4,800.00	4,634.93	4,563.26	4,478.21	26.21	22.49	74.22	-1,562.53	345.94	863.35	816.44	46.91	18.405		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,730.75	4,671.07	4,564.40	26.79	22.92	75.40	-1,579.13	343.41	873.73	825.81	47.91	18.235		
5,000.00	4,826.57	4,753.51	4,645.10	27.37	23.34	76.46	-1,595.76	340.70	885.84	836.97	48.87	18.128		
5,100.00	4,922.38	4,871.02	4,760.08	27.95	23.93	77.91	-1,619.76	337.22	898.44	848.31	50.13	17.923		
5,200.00	5,018.20	4,958.42	4,845.66	28.53	24.37	78.93	-1,637.37	335.32	910.67	859.54	51.12	17.813		
5,300.00	5,114.02	5,035.53	4,920.92	29.11	24.76	79.78	-1,654.01	333.20	924.74	872.73	52.01	17.779		
5,400.00	5,209.84	5,127.46	5,010.38	29.69	25.24	80.78	-1,674.91	329.73	940.66	887.62	53.04	17.734		
5,500.00	5,305.65	5,263.18	5,142.94	30.27	25.93	82.28	-1,703.54	324.74	955.81	901.32	54.49	17.539		
5,600.00	5,401.47	5,412.30	5,290.38	30.86	26.63	84.11	-1,725.47	322.19	964.59	908.66	55.92	17.248		
5,700.00	5,497.29	5,541.58	5,419.04	31.44	27.20	85.99	-1,737.52	318.56	971.19	914.06	57.13	17.000		
5,800.00	5,593.10	5,656.89	5,534.10	32.02	27.67	87.74	-1,744.64	316.55	975.43	917.19	58.24	16.750		
5,900.00	5,688.92	5,762.36	5,639.45	32.60	28.10	89.40	-1,749.40	314.39	979.51	920.21	59.30	16.518		
6,000.00	5,784.74	5,886.95	5,763.99	33.18	28.60	91.42	-1,752.55	312.87	982.48	922.10	60.38	16.272		
6,100.00	5,880.56	5,980.44	5,857.45	33.76	28.96	92.87	-1,754.46	313.41	984.56	923.16	61.41	16.033		
6,200.00	5,976.37	6,083.87	5,960.83	34.35	29.37	94.43	-1,757.35	314.52	987.46	925.02	62.44	15.815		
6,300.00	6,072.19	6,175.89	6,052.83	34.93	29.73	95.82	-1,759.48	315.48	990.77	927.32	63.45	15.615		
6,400.00	6,168.01	6,275.02	6,151.92	35.51	30.12	97.31	-1,761.87	316.38	994.92	930.46	64.47	15.433		
6,500.00	6,263.83	6,366.93	6,243.81	36.09	30.48	98.71	-1,763.78	316.94	999.80	934.34	65.46	15.273		
6,600.00	6,359.64	6,471.37	6,348.23	36.68	30.89	100.31	-1,765.29	317.29	1,005.28	938.81	66.47	15.123		
6,700.00	6,455.46	6,574.95	6,451.19	37.26	31.04	101.84	-1,767.21	317.64	1,010.73	943.35	67.47	14.973		
6,733.48	6,487.54	6,522.76	6,403.28	37.45	31.15	102.12	-1,768.73	317.64	1,012.25	944.87	67.63	14.923		
6,750.00	6,503.41	6,602.41	6,479.32	37.55	31.21	102.31	-1,769.97	317.68	1,013.27	945.44	67.73	14.873		
6,800.00	6,551.83	6,651.83	6,528.74	37.82	31.33	103.12	-1,775.50	317.68	1,019.80	949.87	68.73	14.623		
6,850.00	6,600.62	6,700.62	6,577.53	38.05	31.39	103.84	-1,775.77	317.68	1,020.07	950.14	68.73	14.573		
6,900.00	6,649.47	6,749.47	6,626.38	38.25	31.39	104.04	-1,775.78	317.68	1,020.08	950.15	68.73	14.523		
6,950.00	6,698.08	6,798.08	6,674.99	38.42	31.34	104.19	-1,775.52	317.68	1,020.08	950.15	68.73	14.473		
7,000.00	6,746.15	6,846.15	6,723.06	38.57	31.22	104.29	-1,775.00	317.68	1,020.08	950.15	68.73	14.423		
7,050.00	6,793.39	6,893.39	6,770.27	38.71	31.04	104.34	-1,774.19	317.68	1,020.08	950.15	68.73	14.373		
7,100.00	6,839.50	6,939.50	6,816.40	38.84	30.80	104.34	-1,773.05	317.68	1,020.08	950.15	68.73	14.323		
7,150.00	6,884.20	6,984.20	6,861.10	38.97	30.59	104.29	-1,771.96	317.68	1,020.08	950.15	68.73	14.273		
7,200.00	6,927.21	7,027.21	6,903.11	39.11	30.36	104.19	-1,770.95	317.68	1,020.08	950.15	68.73	14.223		
7,250.00	6,968.28	7,068.28	6,944.18	39.25	30.09	104.04	-1,770.01	317.68	1,020.08	950.15	68.73	14.173		
7,300.00	7,007.13	7,107.13	7,083.03	39.41	29.80	103.84	-1,779.43	317.68	1,020.08	950.15	68.73	14.123		
7,350.00	7,043.55	7,143.55	7,119.45	39.58	29.44	103.59	-1,779.15	317.68	1,020.08	950.15	68.73	14.073		
7,400.00	7,077.29	7,177.29	7,153.19	39.77	29.06	103.29	-1,778.64	317.68	1,020.08	950.15	68.73	14.023		
7,450.00	7,108.16	7,208.16	7,184.06	39.98	28.64	102.94	-1,777.78	317.68	1,020.08	950.15	68.73	13.973		
7,500.00	7,135.96	7,235.96	7,211.86	40.22	28.12	102.54	-1,776.79	317.68	1,020.08	950.15	68.73	13.923		
7,550.00	7,160.53	7,260.53	7,236.43	40.49	27.51	102.19	-1,775.64	317.68	1,020.08	950.15	68.73	13.873		
7,600.00	7,181.70	7,281.70	7,257.60	40.79	26.80	101.79	-1,774.66	317.68	1,020.08	950.15	68.73	13.823		
7,650.00	7,199.35	7,299.35	7,275.25	41.13	26.00	101.34	-1,773.99	317.68	1,020.08	950.15	68.73	13.773		
7,662.88	7,203.31	7,303.31	7,279.21	41.23	25.19	101.14	-1,773.87	317.68	1,020.08	950.15	68.73	13.723		
7,700.00	7,213.38	7,313.38	7,289.28	41.51	24.38	100.74	-1,773.60	317.68	1,020.08	950.15	68.73	13.673		
7,750.00	7,223.68	7,323.68	7,299.58	41.93	23.57	100.24	-1,773.40	317.68	1,020.08	950.15	68.73	13.623		
7,800.00	7,230.21	7,330.21	7,306.11	42.38	22.76	99.64	-1,773.33	317.68	1,020.08	950.15	68.73	13.573		
7,850.00	7,232.92	7,332.92	7,308.82	42.87	21.95	98.94	-1,773.39	317.68	1,020.08	950.15	68.73	13.523		
7,858.69	7,233.00	7,333.00	7,308.90	42.95	21.14	98.74	-1,773.41	317.68	1,020.08	950.15	68.73	13.473		
7,900.00	7,233.10	7,333.10	7,309.00	43.38	20.33	98.14	-1,773.47	317.68	1,020.08	950.15	68.73	13.423		
8,000.00	7,233.35	7,333.35	7,309.25	44.56	19.52	97.14	-1,773.14	317.68	1,020.08	950.15	68.73	13.373		
8,100.00	7,233.60	7,333.60	7,309.50	45.91	18.71	95.79	-1,772.37	317.68	1,020.08	950.15	68.73	13.323		
8,200.00	7,233.85	7,333.85	7,309.75	47.41	17.90	94.09	-1,771.46	317.68	1,020.08	950.15	68.73	13.273		
8,300.00	7,234.10	7,334.10	7,309.99	49.05	17.09	92.99	-1,770.53	317.68	1,020.08	950.15	68.73	13.223		
8,400.00	7,234.35	7,334.35	7,310.24	50.81	16.28	91.49	-1,769.61	317.68	1,020.08	950.15	68.73	13.173		
8,500.00	7,234.59	7,334.59	7,310.48	52.68	15.47	89.59	-1,768.63	317.68	1,020.08	950.15	68.73	13.123		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,600.00	7,234.84	6,981.93	6,831.80	54.65	32.59	-42.73	-1,767.41	455.07	826.35	757.08	69.27	11.929		
8,700.00	7,235.09	6,939.00	6,794.85	56.70	32.47	-40.05	-1,766.08	433.27	904.09	834.99	69.10	13.083		
8,800.00	7,235.34	6,939.00	6,794.85	58.82	32.47	-40.05	-1,766.08	433.27	984.67	914.93	69.74	14.120		
8,900.00	7,235.59	6,898.97	6,759.73	61.01	32.35	-37.76	-1,765.02	414.11	1,066.75	997.11	69.64	15.318		
9,000.00	7,235.84	6,880.78	6,743.45	63.25	32.29	-36.78	-1,764.67	406.00	1,151.31	1,081.43	69.87	16.477		
9,100.00	7,236.09	6,846.00	6,711.81	65.55	32.19	-35.01	-1,764.26	391.56	1,237.91	1,168.04	69.86	17.719		
9,200.00	7,236.34	6,846.00	6,711.81	67.89	32.19	-35.01	-1,764.26	391.56	1,325.26	1,255.01	70.25	18.866		
9,300.00	7,236.58	6,846.00	6,711.81	70.27	32.19	-35.01	-1,764.26	391.56	1,414.29	1,343.74	70.55	20.046		
9,400.00	7,236.83	6,816.25	6,684.33	72.69	32.09	-33.60	-1,764.17	380.17	1,504.00	1,433.43	70.57	21.312		
9,500.00	7,237.08	6,801.16	6,670.28	75.14	32.04	-32.93	-1,764.21	374.66	1,594.71	1,524.01	70.70	22.557		
9,600.00	7,237.33	6,787.04	6,657.07	77.62	32.00	-32.32	-1,764.31	369.67	1,686.15	1,615.34	70.82	23.810		
9,700.00	7,237.58	6,752.00	6,624.04	80.12	31.89	-30.91	-1,764.79	358.00	1,778.61	1,707.80	70.81	25.119		
9,800.00	7,237.83	6,752.00	6,624.04	82.65	31.89	-30.91	-1,764.79	358.00	1,871.01	1,800.02	70.99	26.357		
9,900.00	7,238.08	6,752.00	6,624.04	85.20	31.89	-30.91	-1,764.79	358.00	1,964.15	1,893.01	71.14	27.609		
10,000.00	7,238.32	6,752.00	6,624.04	87.77	31.89	-30.91	-1,764.79	358.00	2,057.94	1,986.67	71.27	28.874		
10,100.00	7,238.57	6,752.00	6,624.04	90.36	31.89	-30.91	-1,764.79	358.00	2,152.29	2,080.90	71.39	30.150		
10,200.00	7,238.82	6,717.36	6,591.04	92.97	31.77	-29.61	-1,765.33	347.47	2,246.34	2,174.96	71.38	31.468		
10,300.00	7,239.07	6,707.84	6,581.92	95.59	31.74	-29.26	-1,765.44	344.75	2,341.14	2,269.68	71.46	32.762		
10,400.00	7,239.32	6,698.85	6,573.28	98.22	31.71	-28.94	-1,765.54	342.26	2,436.24	2,364.71	71.53	34.059		
10,500.00	7,239.57	6,690.35	6,565.09	100.87	31.68	-28.64	-1,765.62	339.97	2,531.63	2,460.03	71.60	35.360		
10,600.00	7,239.82	6,657.00	6,532.82	103.52	31.57	-27.52	-1,765.82	331.58	2,627.67	2,556.07	71.61	36.696		
10,700.00	7,240.07	6,657.00	6,532.82	106.19	31.57	-27.52	-1,765.82	331.58	2,723.36	2,651.67	71.69	37.989		
10,800.00	7,240.31	6,657.00	6,532.82	108.87	31.57	-27.52	-1,765.82	331.58	2,819.34	2,747.57	71.76	39.288		
10,900.00	7,240.56	6,657.00	6,532.82	111.56	31.57	-27.52	-1,765.82	331.58	2,915.59	2,843.76	71.83	40.591		
11,000.00	7,240.81	6,657.00	6,532.82	114.25	31.57	-27.52	-1,765.82	331.58	3,012.08	2,940.19	71.89	41.897		
11,100.00	7,241.06	6,657.00	6,532.82	116.96	31.57	-27.52	-1,765.82	331.58	3,108.80	3,036.85	71.95	43.208		
11,200.00	7,241.31	6,657.00	6,532.82	119.67	31.57	-27.52	-1,765.82	331.58	3,205.71	3,133.71	72.00	44.521		
11,300.00	7,241.56	6,657.00	6,532.82	122.39	31.57	-27.52	-1,765.82	331.58	3,302.82	3,230.76	72.06	45.836		
11,400.00	7,241.81	6,657.00	6,532.82	125.11	31.57	-27.52	-1,765.82	331.58	3,400.08	3,327.98	72.11	47.154		
11,500.00	7,242.06	6,657.00	6,532.82	127.84	31.57	-27.52	-1,765.82	331.58	3,497.51	3,425.36	72.15	48.473		
11,600.00	7,242.30	6,657.00	6,532.82	130.58	31.57	-27.52	-1,765.82	331.58	3,595.07	3,522.87	72.20	49.794		
11,700.00	7,242.55	6,657.00	6,532.82	133.32	31.57	-27.52	-1,765.82	331.58	3,692.77	3,620.53	72.24	51.116		
11,800.00	7,242.80	6,657.00	6,532.82	136.07	31.57	-27.52	-1,765.82	331.58	3,790.58	3,718.30	72.29	52.438		
11,900.00	7,243.05	6,657.00	6,532.82	138.82	31.57	-27.52	-1,765.82	331.58	3,888.51	3,816.18	72.33	53.761		
12,000.00	7,243.30	6,657.00	6,532.82	141.58	31.57	-27.52	-1,765.82	331.58	3,986.54	3,914.17	72.37	55.084		
12,100.00	7,243.55	6,657.00	6,532.82	144.34	31.57	-27.52	-1,765.82	331.58	4,084.67	4,012.25	72.41	56.408		
12,200.00	7,243.80	6,657.00	6,532.82	147.10	31.57	-27.52	-1,765.82	331.58	4,182.88	4,110.42	72.45	57.731		
12,300.00	7,244.04	6,657.00	6,532.82	149.87	31.57	-27.52	-1,765.82	331.58	4,281.18	4,208.68	72.50	59.054		
12,400.00	7,244.29	6,657.00	6,532.82	152.64	31.57	-27.52	-1,765.82	331.58	4,379.55	4,307.01	72.54	60.376		
12,500.00	7,244.54	6,657.00	6,532.82	155.41	31.57	-27.52	-1,765.82	331.58	4,478.00	4,405.42	72.58	61.698		
12,600.00	7,244.79	6,657.00	6,532.82	158.19	31.57	-27.52	-1,765.82	331.58	4,576.51	4,503.89	72.62	63.019		
12,700.00	7,245.04	6,657.00	6,532.82	160.97	31.57	-27.52	-1,765.82	331.58	4,675.08	4,602.42	72.66	64.339		
12,800.00	7,245.29	6,657.00	6,532.82	163.75	31.57	-27.52	-1,765.82	331.58	4,773.72	4,701.01	72.71	65.658		
12,900.00	7,245.54	6,657.00	6,532.82	166.54	31.57	-27.52	-1,765.82	331.58	4,872.41	4,799.66	72.75	66.976		
13,000.00	7,245.79	6,657.00	6,532.82	169.33	31.57	-27.52	-1,765.82	331.58	4,971.15	4,898.36	72.79	68.293		
13,100.00	7,246.03	6,657.00	6,532.82	172.12	31.57	-27.52	-1,765.82	331.58	5,069.95	4,997.11	72.84	69.609		
13,200.00	7,246.28	6,657.00	6,532.82	174.91	31.57	-27.52	-1,765.82	331.58	5,168.79	5,095.91	72.88	70.922		
13,300.00	7,246.53	6,613.42	6,490.05	177.71	31.42	-26.14	-1,765.91	323.31	5,265.39	5,192.45	72.94	72.187		
13,400.00	7,246.78	6,612.34	6,488.98	180.50	31.41	-26.10	-1,765.91	323.16	5,364.20	5,291.21	72.99	73.495		
13,500.00	7,247.03	6,611.29	6,487.94	183.30	31.41	-26.07	-1,765.91	323.01	5,463.05	5,390.02	73.03	74.801		
13,600.00	7,247.28	6,610.28	6,486.94	186.10	31.40	-26.04	-1,765.91	322.87	5,561.95	5,488.86	73.08	76.105		
13,700.00	7,247.53	6,609.30	6,485.97	188.91	31.40	-26.01	-1,765.91	322.74	5,660.87	5,587.74	73.13	77.408		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 436-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.77	6,608.35	6,485.03	191.71	31.40	-25.98	-1,765.91	322.62	5,759.84	5,686.66	73.18	78.708		
13,900.00	7,248.02	6,607.44	6,484.12	194.52	31.39	-25.95	-1,765.91	322.50	5,858.83	5,785.60	73.23	80.006		
14,000.00	7,248.27	6,606.55	6,483.24	197.32	31.39	-25.93	-1,765.91	322.39	5,957.86	5,884.58	73.28	81.302		
14,100.00	7,248.52	6,563.00	6,439.85	200.13	31.24	-24.66	-1,765.87	318.96	6,059.09	5,985.74	73.35	82.605		
14,200.00	7,248.77	6,563.00	6,439.85	202.94	31.24	-24.66	-1,765.87	318.96	6,158.09	6,084.69	73.40	83.895		
14,300.00	7,249.02	6,563.00	6,439.85	205.76	31.24	-24.66	-1,765.87	318.96	6,257.12	6,183.67	73.45	85.184		
14,400.00	7,249.27	6,563.00	6,439.85	208.57	31.24	-24.66	-1,765.87	318.96	6,356.19	6,282.68	73.51	86.470		
14,500.00	7,249.52	6,563.00	6,439.85	211.38	31.24	-24.66	-1,765.87	318.96	6,455.28	6,381.72	73.56	87.753		
14,600.00	7,249.76	6,563.00	6,439.85	214.20	31.24	-24.66	-1,765.87	318.96	6,554.40	6,480.78	73.62	89.034		
14,700.00	7,250.01	6,563.00	6,439.85	217.02	31.24	-24.66	-1,765.87	318.96	6,653.54	6,579.87	73.67	90.313		
14,800.00	7,250.26	6,563.00	6,439.85	219.84	31.24	-24.66	-1,765.87	318.96	6,752.71	6,678.99	73.73	91.590		
14,900.00	7,250.51	6,563.00	6,439.85	222.65	31.24	-24.66	-1,765.87	318.96	6,851.91	6,778.12	73.78	92.863		
15,000.00	7,250.76	6,563.00	6,439.85	225.48	31.24	-24.66	-1,765.87	318.96	6,951.13	6,877.28	73.84	94.135		
15,100.00	7,251.01	6,563.00	6,439.85	228.30	31.24	-24.66	-1,765.87	318.96	7,050.37	6,976.47	73.90	95.403		
15,200.00	7,251.26	6,563.00	6,439.85	231.12	31.24	-24.66	-1,765.87	318.96	7,149.63	7,075.67	73.96	96.669		
15,300.00	7,251.50	6,563.00	6,439.85	233.94	31.24	-24.66	-1,765.87	318.96	7,248.91	7,174.89	74.02	97.932		
15,400.00	7,251.75	6,563.00	6,439.85	236.77	31.24	-24.66	-1,765.87	318.96	7,348.21	7,274.13	74.08	99.193		
15,500.00	7,252.00	6,563.00	6,439.85	239.59	31.24	-24.66	-1,765.87	318.96	7,447.53	7,373.39	74.14	100.450		
15,600.00	7,252.25	6,563.00	6,439.85	242.42	31.24	-24.66	-1,765.87	318.96	7,546.87	7,472.66	74.20	101.705		
15,700.00	7,252.50	6,563.00	6,439.85	245.24	31.24	-24.66	-1,765.87	318.96	7,646.22	7,571.96	74.27	102.957		
15,800.00	7,252.75	6,563.00	6,439.85	248.07	31.24	-24.66	-1,765.87	318.96	7,745.59	7,671.27	74.33	104.206		
15,900.00	7,253.00	6,563.00	6,439.85	250.90	31.24	-24.66	-1,765.87	318.96	7,844.98	7,770.59	74.39	105.452		
16,000.00	7,253.25	6,563.00	6,439.85	253.73	31.24	-24.66	-1,765.87	318.96	7,944.39	7,869.93	74.46	106.694		
16,100.00	7,253.49	6,563.00	6,439.85	256.56	31.24	-24.66	-1,765.87	318.96	8,043.80	7,969.28	74.53	107.934		
16,200.00	7,253.74	6,563.00	6,439.85	259.39	31.24	-24.66	-1,765.87	318.96	8,143.24	8,068.64	74.59	109.171		
16,300.00	7,253.99	6,563.00	6,439.85	262.22	31.24	-24.66	-1,765.87	318.96	8,242.68	8,168.02	74.66	110.404		
16,400.00	7,254.24	6,563.00	6,439.85	265.05	31.24	-24.66	-1,765.87	318.96	8,342.14	8,267.41	74.73	111.634		
16,500.00	7,254.49	6,563.00	6,439.85	267.88	31.24	-24.66	-1,765.87	318.96	8,441.61	8,366.82	74.80	112.862		
16,600.00	7,254.74	6,563.00	6,439.85	270.72	31.24	-24.66	-1,765.87	318.96	8,541.10	8,466.23	74.87	114.085		
16,700.00	7,254.99	6,563.00	6,439.85	273.55	31.24	-24.66	-1,765.87	318.96	8,640.59	8,565.66	74.94	115.306		
16,800.00	7,255.24	6,563.00	6,439.85	276.38	31.24	-24.66	-1,765.87	318.96	8,740.10	8,665.09	75.01	116.523		
16,900.00	7,255.48	6,563.00	6,439.85	279.22	31.24	-24.66	-1,765.87	318.96	8,839.62	8,764.54	75.08	117.737		
17,000.00	7,255.73	6,563.00	6,439.85	282.05	31.24	-24.66	-1,765.87	318.96	8,939.15	8,864.00	75.15	118.948		
17,100.00	7,255.98	6,563.00	6,439.85	284.89	31.24	-24.66	-1,765.87	318.96	9,038.69	8,963.46	75.23	120.155		
17,200.00	7,256.23	6,563.00	6,439.85	287.73	31.24	-24.66	-1,765.87	318.96	9,138.24	9,062.94	75.30	121.358		
17,300.00	7,256.48	6,563.00	6,439.85	290.56	31.24	-24.66	-1,765.87	318.96	9,237.80	9,162.42	75.37	122.559		
17,400.00	7,256.73	6,563.00	6,439.85	293.40	31.24	-24.66	-1,765.87	318.96	9,337.37	9,261.92	75.45	123.756		
17,500.00	7,256.98	6,563.00	6,439.85	296.24	31.24	-24.66	-1,765.87	318.96	9,436.94	9,361.42	75.53	124.949		
17,600.00	7,257.22	6,563.00	6,439.85	299.07	31.24	-24.66	-1,765.87	318.96	9,536.53	9,460.93	75.60	126.139		
17,700.00	7,257.47	6,563.00	6,439.85	301.91	31.24	-24.66	-1,765.87	318.96	9,636.13	9,560.45	75.68	127.325		
17,800.00	7,257.72	6,563.00	6,439.85	304.75	31.24	-24.66	-1,765.87	318.96	9,735.73	9,659.97	75.76	128.508		
17,900.00	7,257.97	6,563.00	6,439.85	307.59	31.24	-24.66	-1,765.87	318.96	9,835.34	9,759.50	75.84	129.687		
18,000.00	7,258.22	6,563.00	6,439.85	310.43	31.24	-24.66	-1,765.87	318.96	9,934.96	9,859.04	75.92	130.862		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	141.76	-642.63	506.43	818.27					
100.00	100.00	90.34	90.34	3.28	3.29	141.74	-642.39	506.62	818.12	811.55	6.57	124.511		
200.00	200.00	191.85	191.84	3.34	3.31	141.67	-641.54	507.27	817.87	811.22	6.64	123.099		
300.00	300.00	289.68	289.66	3.44	3.36	141.55	-640.23	508.38	817.53	810.72	6.80	120.156		
400.00	399.98	382.79	382.75	3.60	3.47	5.03	-639.28	510.09	816.13	809.06	7.07	115.486		
500.00	499.84	477.04	476.97	3.79	3.63	4.92	-638.88	512.34	812.07	804.66	7.41	109.518		
600.00	599.45	571.95	571.86	4.03	3.82	4.94	-639.81	513.81	805.12	797.28	7.84	102.691		
700.00	698.70	663.46	663.33	4.30	4.03	5.12	-642.33	514.29	795.45	787.13	8.32	95.581		
800.00	797.47	749.86	749.60	4.60	4.25	5.48	-647.00	513.65	783.63	774.78	8.85	88.557		
900.00	895.62	833.79	833.17	4.94	4.49	6.07	-654.49	511.86	770.32	760.90	9.42	81.793		
1,000.00	993.06	919.13	917.76	5.32	4.75	6.97	-665.13	508.31	755.33	745.30	10.03	75.272		
1,100.00	1,089.64	996.93	994.39	5.73	5.01	8.08	-677.84	503.89	739.40	728.72	10.67	69.284		
1,131.50	1,119.87	1,026.04	1,022.94	5.87	5.11	8.55	-683.23	502.04	734.20	723.30	10.90	67.371		
1,200.00	1,185.51	1,090.16	1,085.75	6.18	5.33	9.61	-695.35	497.82	722.84	711.46	11.39	63.471		
1,300.00	1,281.33	1,180.69	1,174.41	6.65	5.67	11.14	-712.82	492.25	707.30	695.18	12.12	58.336		
1,400.00	1,377.14	1,268.76	1,260.57	7.13	6.02	12.66	-730.44	487.53	693.36	680.48	12.88	53.823		
1,500.00	1,472.96	1,359.05	1,348.61	7.63	6.39	14.34	-749.80	482.49	681.19	667.52	13.67	49.827		
1,600.00	1,568.78	1,455.35	1,442.31	8.14	6.81	16.27	-771.28	476.65	670.31	655.80	14.50	46.213		
1,700.00	1,664.60	1,550.82	1,535.07	8.66	7.23	18.29	-792.88	470.16	660.25	644.90	15.36	42.996		
1,800.00	1,760.41	1,644.46	1,625.98	9.19	7.65	20.35	-814.40	463.80	651.43	635.22	16.22	40.172		
1,900.00	1,856.23	1,739.80	1,718.73	9.73	8.09	22.33	-835.98	459.09	643.86	626.76	17.10	37.661		
2,000.00	1,952.05	1,835.86	1,812.24	10.27	8.54	24.30	-857.60	455.23	637.30	619.31	17.99	35.423		
2,100.00	2,047.86	1,939.25	1,913.08	10.81	9.03	26.35	-880.21	452.15	631.22	612.29	18.93	33.343		
2,200.00	2,143.68	2,042.35	2,013.73	11.36	9.51	28.54	-902.04	447.54	624.89	605.01	19.88	31.427		
2,300.00	2,239.50	2,144.01	2,112.98	11.92	10.00	30.87	-923.17	441.46	618.78	597.93	20.84	29.686		
2,400.00	2,335.32	2,252.23	2,219.05	12.47	10.51	33.31	-943.88	435.77	612.15	590.31	21.84	28.025		
2,500.00	2,431.13	2,352.21	2,317.30	13.03	10.98	35.56	-961.69	430.84	605.23	582.42	22.81	26.532		
2,600.00	2,526.95	2,453.68	2,417.05	13.59	11.46	37.87	-979.70	426.04	599.23	575.43	23.80	25.180		
2,700.00	2,622.77	2,550.64	2,512.63	14.15	11.91	40.06	-995.46	421.91	592.72	567.95	24.77	23.927		
2,800.00	2,718.59	2,645.53	2,605.93	14.72	12.36	42.24	-1,012.29	418.09	588.59	562.85	25.75	22.861		
2,900.00	2,814.40	2,740.32	2,699.30	15.29	12.81	44.41	-1,028.28	414.56	584.58	557.85	26.73	21.869		
3,000.00	2,910.22	2,831.23	2,788.50	15.85	13.24	46.62	-1,045.20	409.96	583.29	555.58	27.70	21.054		
3,100.00	3,006.04	2,931.75	2,887.21	16.42	13.73	49.06	-1,063.52	404.99	582.67	553.93	28.75	20.270		
3,200.00	3,101.85	3,042.56	2,996.21	16.99	14.26	51.74	-1,082.78	399.79	582.32	552.47	29.85	19.505		
3,283.66	3,182.02	3,119.61	3,072.27	17.47	14.62	53.59	-1,094.71	396.64	581.16	550.47	30.70	18.932		
3,300.00	3,197.67	3,132.63	3,085.09	17.56	14.68	53.90	-1,096.89	396.09	581.22	550.37	30.85	18.840		
3,400.00	3,293.49	3,217.36	3,168.31	18.14	15.09	55.89	-1,112.37	392.56	583.56	551.76	31.81	18.347		
3,500.00	3,389.31	3,324.99	3,273.88	18.71	15.62	58.24	-1,133.08	389.40	587.56	554.63	32.93	17.842		
3,600.00	3,485.12	3,424.81	3,372.20	19.28	16.09	60.43	-1,150.11	386.82	590.17	556.16	34.00	17.357		
3,700.00	3,580.94	3,517.46	3,463.37	19.86	16.54	62.46	-1,166.40	383.96	594.28	559.25	35.03	16.966		
3,800.00	3,676.76	3,610.89	3,555.17	20.43	16.99	64.49	-1,183.44	380.82	599.96	563.89	36.06	16.637		
3,900.00	3,772.58	3,709.83	3,652.37	21.01	17.48	66.63	-1,201.56	377.02	606.73	569.59	37.15	16.334		
4,000.00	3,868.39	3,803.86	3,744.78	21.58	17.93	68.67	-1,218.43	372.84	614.29	576.10	38.19	16.085		
4,100.00	3,964.21	3,884.15	3,823.44	22.16	18.33	70.34	-1,234.05	369.15	624.12	585.03	39.10	15.964		
4,200.00	4,060.03	3,967.24	3,904.30	22.74	18.76	71.95	-1,252.62	364.79	637.47	597.46	40.01	15.934		
4,300.00	4,155.85	4,061.11	3,995.33	23.32	19.24	73.64	-1,275.01	359.85	652.77	611.72	41.04	15.905		
4,400.00	4,251.66	4,161.61	4,092.96	23.89	19.76	75.49	-1,298.01	353.54	668.43	626.26	42.16	15.853		
4,500.00	4,347.48	4,280.44	4,208.90	24.47	20.36	77.68	-1,322.88	345.96	683.29	639.80	43.49	15.710		
4,600.00	4,443.30	4,394.09	4,320.67	25.05	20.91	79.89	-1,342.20	338.95	695.53	650.80	44.73	15.549		
4,700.00	4,539.11	4,493.02	4,418.17	25.63	21.39	81.73	-1,358.15	333.70	707.33	661.51	45.82	15.438		
4,800.00	4,634.93	4,586.19	4,509.87	26.21	21.84	83.31	-1,374.14	329.66	719.96	673.11	46.84	15.369		
4,900.00	4,730.75	4,686.09	4,608.15	26.79	22.33	84.90	-1,391.62	325.84	733.07	685.14	47.93	15.294		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	4,782.99	4,703.64	27.37	22.79	86.53	-1,407.28	320.74	746.78	697.79	48.99	15.243		
5,100.00	4,922.38	4,894.61	4,813.98	27.95	23.32	88.47	-1,422.94	314.62	759.76	709.59	50.18	15.142		
5,200.00	5,018.20	5,000.68	4,919.12	28.53	23.81	90.40	-1,435.52	308.39	772.34	721.05	51.29	15.057		
5,300.00	5,114.02	5,107.69	5,025.42	29.11	24.29	92.32	-1,446.62	303.21	783.91	731.51	52.41	14.958		
5,400.00	5,209.84	5,215.24	5,132.41	29.69	24.77	94.25	-1,456.44	298.29	795.31	741.80	53.51	14.864		
5,500.00	5,305.65	5,349.82	5,266.70	30.27	25.34	96.88	-1,462.92	292.84	804.65	749.94	54.71	14.707		
5,600.00	5,401.47	5,454.54	5,371.36	30.86	25.74	99.06	-1,463.88	289.76	811.85	756.14	55.72	14.571		
5,700.00	5,497.29	5,554.03	5,470.83	31.44	26.13	101.09	-1,464.30	287.43	819.36	762.67	56.69	14.454		
5,800.00	5,593.10	5,652.07	5,568.85	32.02	26.50	103.09	-1,464.03	285.52	827.21	769.57	57.64	14.351		
5,900.00	5,688.92	5,749.97	5,666.72	32.60	26.87	105.06	-1,463.64	283.28	836.32	777.74	58.58	14.277		
6,000.00	5,784.74	5,862.91	5,779.64	33.18	27.28	107.32	-1,461.94	282.09	844.89	785.35	59.54	14.190		
6,100.00	5,880.56	5,962.63	5,879.35	33.76	27.64	109.21	-1,460.76	282.80	853.04	792.59	60.45	14.112		
6,200.00	5,976.37	6,054.97	5,971.69	34.35	27.97	110.91	-1,459.88	283.41	862.23	800.91	61.32	14.060		
6,300.00	6,072.19	6,144.92	6,061.63	34.93	28.30	112.55	-1,458.98	283.47	872.79	810.61	62.17	14.038		
6,400.00	6,168.01	6,240.64	6,157.34	35.51	28.65	114.29	-1,457.67	282.89	884.69	821.66	63.03	14.035		
6,500.00	6,263.83	6,349.46	6,260.15	36.09	28.99	115.98	-1,449.96	282.09	896.71	833.31	63.89	14.000		
6,600.00	6,359.64	6,446.09	6,359.35	36.68	29.33	117.66	-1,444.06	281.28	908.73	844.91	64.75	13.965		
6,700.00	6,455.46	6,541.54	6,455.17	37.26	29.67	119.34	-1,445.27	280.47	920.75	856.51	65.61	13.930		
6,733.48	6,487.54	6,573.17	6,487.25	37.45	29.81	120.32	-1,445.78	280.00	925.52	860.52	65.88	13.912		
6,750.00	6,503.41	6,589.04	6,503.12	37.55	29.91	121.07	-1,446.00	279.74	929.55	864.55	66.15	13.894		
6,800.00	6,551.83	6,637.46	6,551.54	37.82	30.05	122.45	-1,446.46	279.28	934.09	869.09	66.42	13.876		
6,850.00	6,600.62	6,686.25	6,600.33	38.05	30.19	123.83	-1,446.69	278.81	938.12	873.12	66.69	13.858		
6,900.00	6,649.47	6,735.04	6,649.18	38.25	30.33	125.21	-1,446.72	278.34	942.15	877.15	66.96	13.840		
6,950.00	6,698.08	6,783.83	6,697.79	38.42	30.47	126.59	-1,446.57	277.87	946.18	881.18	67.23	13.822		
7,000.00	6,746.15	6,832.62	6,745.86	38.57	30.61	127.97	-1,446.22	277.40	950.21	885.21	67.50	13.804		
7,050.00	6,793.39	6,881.41	6,793.10	38.71	30.75	129.35	-1,445.67	276.93	954.24	889.24	67.77	13.786		
7,100.00	6,839.50	6,930.20	6,839.21	38.84	30.89	130.73	-1,444.86	276.46	958.27	893.27	68.04	13.768		
7,150.00	6,884.20	6,979.00	6,884.01	38.97	31.03	132.11	-1,443.83	275.99	962.30	897.30	68.31	13.750		
7,200.00	6,927.21	7,027.79	6,927.02	39.11	31.17	133.49	-1,442.79	275.52	966.33	901.33	68.58	13.732		
7,250.00	6,968.28	7,068.86	6,968.09	39.25	31.31	134.87	-1,441.60	275.05	970.36	905.36	68.85	13.714		
7,300.00	7,007.13	7,107.71	7,007.02	39.41	31.45	136.25	-1,440.33	274.58	974.39	909.39	69.12	13.696		
7,350.00	7,043.55	7,144.13	7,043.46	39.58	31.59	137.63	-1,439.03	274.11	978.42	913.42	69.39	13.678		
7,400.00	7,077.29	7,178.55	7,077.20	39.77	31.73	139.01	-1,437.93	273.64	982.45	917.45	69.66	13.660		
7,416.83	7,088.02	7,189.28	7,088.02	39.84	31.79	139.66	-1,437.64	273.50	983.52	918.52	69.71	13.655		
7,450.00	7,108.16	7,209.42	7,108.16	39.98	31.93	140.82	-1,437.19	273.36	984.63	919.63	69.76	13.650		
7,500.00	7,135.96	7,237.22	7,135.96	40.22	32.07	142.18	-1,436.86	273.22	985.73	920.73	69.81	13.645		
7,550.00	7,160.53	7,261.79	7,160.53	40.49	32.21	143.54	-1,436.98	273.08	986.83	921.83	69.86	13.640		
7,600.00	7,181.70	7,282.96	7,181.70	40.79	32.35	144.90	-1,437.53	272.94	987.93	922.93	69.91	13.635		
7,650.00	7,199.35	7,303.10	7,199.35	41.13	32.49	146.26	-1,438.54	272.80	989.03	924.03	69.96	13.630		
7,700.00	7,213.38	7,323.24	7,213.38	41.51	32.63	147.62	-1,440.04	272.66	990.13	925.13	70.01	13.625		
7,750.00	7,223.68	7,333.54	7,223.68	41.93	32.77	148.98	-1,442.05	272.52	991.23	926.23	70.06	13.620		
7,800.00	7,230.21	7,340.07	7,230.21	42.38	32.91	150.34	-1,444.38	272.38	992.33	927.33	70.11	13.615		
7,850.00	7,232.92	7,342.78	7,232.92	42.87	33.05	151.70	-1,446.79	272.24	993.43	928.43	70.16	13.610		
7,858.69	7,233.00	7,342.86	7,233.00	42.95	33.09	151.82	-1,447.22	272.19	993.63	928.63	70.17	13.609		
7,900.00	7,233.10	7,342.96	7,233.10	43.38	33.18	152.55	-1,448.92	272.05	994.73	929.73	70.22	13.604		
8,000.00	7,233.35	7,343.21	7,233.35	44.56	33.64	155.59	-1,452.23	271.71	998.04	933.04	70.48	13.596		
8,100.00	7,233.60	7,343.46	7,233.60	45.91	34.10	158.63	-1,454.10	271.37	1001.35	936.35	70.74	13.588		
8,200.00	7,233.85	7,343.71	7,233.85	47.41	34.56	161.67	-1,453.70	271.03	1004.66	939.66	71.00	13.580		
8,300.00	7,234.10	7,343.96	7,234.10	49.05	35.02	164.71	-1,451.99	270.69	1007.97	942.97	71.26	13.572		
8,400.00	7,234.35	7,344.21	7,234.35	50.81	35.48	167.75	-1,451.51	270.35	1011.28	946.28	71.52	13.564		
8,500.00	7,234.59	7,344.45	7,234.59	52.68	35.94	170.79	-1,452.22	270.01	1014.59	949.59	71.78	13.556		
8,600.00	7,234.84	7,344.70	7,234.84	54.65	36.40	173.83	-1,453.22	269.67	1017.90	952.90	72.04	13.548		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 249-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,235.09	6,875.79	6,768.43	56.70	30.89	-5.90	-1,453.55	404.91	820.64	758.97	61.67	13.307		
8,800.00	7,235.34	6,845.00	6,742.49	58.82	30.80	-5.58	-1,453.47	388.33	904.74	842.28	62.46	14.485		
8,900.00	7,235.59	6,845.00	6,742.49	61.01	30.80	-5.58	-1,453.47	388.33	990.78	926.93	63.85	15.517		
9,000.00	7,235.84	6,811.64	6,713.56	63.25	30.69	-5.22	-1,453.08	371.74	1,077.84	1,013.61	64.23	16.782		
9,100.00	7,236.09	6,795.07	6,698.87	65.55	30.64	-5.05	-1,452.86	364.07	1,166.51	1,101.66	64.85	17.987		
9,200.00	7,236.34	6,780.08	6,685.41	67.89	30.59	-4.91	-1,452.65	357.47	1,256.33	1,190.94	65.39	19.213		
9,300.00	7,236.58	6,751.00	6,658.87	70.27	30.50	-4.63	-1,452.20	345.59	1,347.40	1,281.76	65.64	20.528		
9,400.00	7,236.83	6,751.00	6,658.87	72.69	30.50	-4.63	-1,452.20	345.59	1,438.78	1,372.57	66.21	21.731		
9,500.00	7,237.08	6,751.00	6,658.87	75.14	30.50	-4.63	-1,452.20	345.59	1,531.23	1,464.56	66.68	22.965		
9,600.00	7,237.33	6,751.00	6,658.87	77.62	30.50	-4.63	-1,452.20	345.59	1,624.58	1,557.52	67.06	24.226		
9,700.00	7,237.58	6,715.75	6,626.11	80.12	30.38	-4.35	-1,451.90	332.60	1,717.60	1,650.50	67.10	25.597		
9,800.00	7,237.83	6,704.55	6,615.59	82.65	30.34	-4.28	-1,451.91	328.75	1,811.56	1,744.24	67.33	26.908		
9,900.00	7,238.08	6,694.11	6,605.74	85.20	30.30	-4.22	-1,451.98	325.28	1,905.95	1,838.43	67.53	28.225		
10,000.00	7,238.32	6,656.00	6,569.46	87.77	30.17	-4.05	-1,452.64	313.64	2,001.39	1,933.85	67.54	29.633		
10,100.00	7,238.57	6,656.00	6,569.46	90.36	30.17	-4.05	-1,452.64	313.64	2,096.14	2,028.37	67.77	30.930		
10,200.00	7,238.82	6,656.00	6,569.46	92.97	30.17	-4.05	-1,452.64	313.64	2,191.36	2,123.39	67.97	32.239		
10,300.00	7,239.07	6,656.00	6,569.46	95.59	30.17	-4.05	-1,452.64	313.64	2,286.99	2,218.84	68.15	33.558		
10,400.00	7,239.32	6,656.00	6,569.46	98.22	30.17	-4.05	-1,452.64	313.64	2,382.98	2,314.67	68.31	34.887		
10,500.00	7,239.57	6,656.00	6,569.46	100.87	30.17	-4.05	-1,452.64	313.64	2,479.28	2,410.83	68.44	36.223		
10,600.00	7,239.82	6,656.00	6,569.46	103.52	30.17	-4.05	-1,452.64	313.64	2,575.86	2,507.29	68.57	37.566		
10,700.00	7,240.07	6,656.00	6,569.46	106.19	30.17	-4.05	-1,452.64	313.64	2,672.70	2,604.02	68.68	38.914		
10,800.00	7,240.31	6,656.00	6,569.46	108.87	30.17	-4.05	-1,452.64	313.64	2,769.76	2,700.98	68.78	40.268		
10,900.00	7,240.56	6,617.51	6,532.35	111.56	30.03	-3.90	-1,453.51	303.48	2,865.95	2,797.16	68.79	41.660		
11,000.00	7,240.81	6,611.84	6,526.86	114.25	30.01	-3.88	-1,453.62	302.11	2,963.07	2,894.19	68.88	43.019		
11,100.00	7,241.06	6,606.46	6,521.62	116.96	29.99	-3.86	-1,453.71	300.85	3,060.33	2,991.37	68.96	44.380		
11,200.00	7,241.31	6,601.33	6,516.63	119.67	29.97	-3.84	-1,453.80	299.68	3,157.72	3,088.69	69.03	45.742		
11,300.00	7,241.56	6,562.00	6,478.14	122.39	29.83	-3.68	-1,454.32	291.61	3,256.07	3,187.02	69.05	47.152		
11,400.00	7,241.81	6,562.00	6,478.14	125.11	29.83	-3.68	-1,454.32	291.61	3,353.49	3,284.35	69.14	48.505		
11,500.00	7,242.06	6,562.00	6,478.14	127.84	29.83	-3.68	-1,454.32	291.61	3,451.06	3,381.84	69.21	49.861		
11,600.00	7,242.30	6,562.00	6,478.14	130.58	29.83	-3.68	-1,454.32	291.61	3,548.76	3,479.47	69.29	51.218		
11,700.00	7,242.55	6,562.00	6,478.14	133.32	29.83	-3.68	-1,454.32	291.61	3,646.58	3,577.23	69.36	52.576		
11,800.00	7,242.80	6,562.00	6,478.14	136.07	29.83	-3.68	-1,454.32	291.61	3,744.52	3,675.10	69.42	53.936		
11,900.00	7,243.05	6,562.00	6,478.14	138.82	29.83	-3.68	-1,454.32	291.61	3,842.57	3,773.08	69.49	55.297		
12,000.00	7,243.30	6,562.00	6,478.14	141.58	29.83	-3.68	-1,454.32	291.61	3,940.72	3,871.16	69.55	56.658		
12,100.00	7,243.55	6,562.00	6,478.14	144.34	29.83	-3.68	-1,454.32	291.61	4,038.95	3,969.34	69.61	58.020		
12,200.00	7,243.80	6,562.00	6,478.14	147.10	29.83	-3.68	-1,454.32	291.61	4,137.27	4,067.60	69.67	59.382		
12,300.00	7,244.04	6,562.00	6,478.14	149.87	29.83	-3.68	-1,454.32	291.61	4,235.67	4,165.94	69.73	60.743		
12,400.00	7,244.29	6,562.00	6,478.14	152.64	29.83	-3.68	-1,454.32	291.61	4,334.14	4,264.35	69.79	62.104		
12,500.00	7,244.54	6,562.00	6,478.14	155.41	29.83	-3.68	-1,454.32	291.61	4,432.68	4,362.84	69.84	63.465		
12,600.00	7,244.79	6,562.00	6,478.14	158.19	29.83	-3.68	-1,454.32	291.61	4,531.29	4,461.39	69.90	64.825		
12,700.00	7,245.04	6,562.00	6,478.14	160.97	29.83	-3.68	-1,454.32	291.61	4,629.95	4,560.00	69.96	66.185		
12,800.00	7,245.29	6,562.00	6,478.14	163.75	29.83	-3.68	-1,454.32	291.61	4,728.67	4,658.66	70.01	67.543		
12,900.00	7,245.54	6,562.00	6,478.14	166.54	29.83	-3.68	-1,454.32	291.61	4,827.45	4,757.38	70.06	68.900		
13,000.00	7,245.79	6,562.00	6,478.14	169.33	29.83	-3.68	-1,454.32	291.61	4,926.27	4,856.15	70.12	70.256		
13,100.00	7,246.03	6,562.00	6,478.14	172.12	29.83	-3.68	-1,454.32	291.61	5,025.14	4,954.97	70.17	71.611		
13,200.00	7,246.28	6,562.00	6,478.14	174.91	29.83	-3.68	-1,454.32	291.61	5,124.05	5,053.82	70.23	72.964		
13,300.00	7,246.53	6,562.00	6,478.14	177.71	29.83	-3.68	-1,454.32	291.61	5,223.01	5,152.72	70.28	74.315		
13,400.00	7,246.78	6,562.00	6,478.14	180.50	29.83	-3.68	-1,454.32	291.61	5,322.00	5,251.66	70.34	75.665		
13,500.00	7,247.03	6,562.00	6,478.14	183.30	29.83	-3.68	-1,454.32	291.61	5,421.03	5,350.64	70.39	77.013		
13,600.00	7,247.28	6,562.00	6,478.14	186.10	29.83	-3.68	-1,454.32	291.61	5,520.10	5,449.65	70.45	78.359		
13,700.00	7,247.53	6,562.00	6,478.14	188.91	29.83	-3.68	-1,454.32	291.61	5,619.19	5,548.69	70.50	79.703		
13,800.00	7,247.77	6,562.00	6,478.14	191.71	29.83	-3.68	-1,454.32	291.61	5,718.32	5,647.77	70.56	81.045		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 249-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	6,562.00	6,478.14	194.52	29.83	-3.68	-1,454.32	291.61	5,817.48	5,746.87	70.61	82.385		
14,000.00	7,248.27	6,562.00	6,478.14	197.32	29.83	-3.68	-1,454.32	291.61	5,916.67	5,846.00	70.67	83.723		
14,100.00	7,248.52	6,562.00	6,478.14	200.13	29.83	-3.68	-1,454.32	291.61	6,015.89	5,945.16	70.73	85.058		
14,200.00	7,248.77	6,562.00	6,478.14	202.94	29.83	-3.68	-1,454.32	291.61	6,115.13	6,044.34	70.78	86.391		
14,300.00	7,249.02	6,562.00	6,478.14	205.76	29.83	-3.68	-1,454.32	291.61	6,214.39	6,143.55	70.84	87.721		
14,400.00	7,249.27	6,562.00	6,478.14	208.57	29.83	-3.68	-1,454.32	291.61	6,313.68	6,242.78	70.90	89.049		
14,500.00	7,249.52	6,562.00	6,478.14	211.38	29.83	-3.68	-1,454.32	291.61	6,412.99	6,342.03	70.96	90.374		
14,600.00	7,249.76	6,562.00	6,478.14	214.20	29.83	-3.68	-1,454.32	291.61	6,512.32	6,441.30	71.02	91.697		
14,700.00	7,250.01	6,562.00	6,478.14	217.02	29.83	-3.68	-1,454.32	291.61	6,611.67	6,540.59	71.08	93.016		
14,800.00	7,250.26	6,562.00	6,478.14	219.84	29.83	-3.68	-1,454.32	291.61	6,711.05	6,639.90	71.14	94.333		
14,900.00	7,250.51	6,562.00	6,478.14	222.65	29.83	-3.68	-1,454.32	291.61	6,810.43	6,739.23	71.20	95.647		
15,000.00	7,250.76	6,562.00	6,478.14	225.48	29.83	-3.68	-1,454.32	291.61	6,909.84	6,838.58	71.27	96.959		
15,100.00	7,251.01	6,562.00	6,478.14	228.30	29.83	-3.68	-1,454.32	291.61	7,009.27	6,937.94	71.33	98.267		
15,200.00	7,251.26	6,562.00	6,478.14	231.12	29.83	-3.68	-1,454.32	291.61	7,108.71	7,037.31	71.39	99.572		
15,300.00	7,251.50	6,562.00	6,478.14	233.94	29.83	-3.68	-1,454.32	291.61	7,208.16	7,136.70	71.46	100.875		
15,400.00	7,251.75	6,562.00	6,478.14	236.77	29.83	-3.68	-1,454.32	291.61	7,307.63	7,236.11	71.52	102.174		
15,500.00	7,252.00	6,562.00	6,478.14	239.59	29.83	-3.68	-1,454.32	291.61	7,407.12	7,335.53	71.59	103.470		
15,600.00	7,252.25	6,562.00	6,478.14	242.42	29.83	-3.68	-1,454.32	291.61	7,506.61	7,434.96	71.65	104.762		
15,700.00	7,252.50	6,562.00	6,478.14	245.24	29.83	-3.68	-1,454.32	291.61	7,606.12	7,534.40	71.72	106.052		
15,800.00	7,252.75	6,562.00	6,478.14	248.07	29.83	-3.68	-1,454.32	291.61	7,705.65	7,633.86	71.79	107.338		
15,900.00	7,253.00	6,562.00	6,478.14	250.90	29.83	-3.68	-1,454.32	291.61	7,805.18	7,733.33	71.86	108.621		
16,000.00	7,253.25	6,562.00	6,478.14	253.73	29.83	-3.68	-1,454.32	291.61	7,904.73	7,832.81	71.93	109.901		
16,100.00	7,253.49	6,562.00	6,478.14	256.56	29.83	-3.68	-1,454.32	291.61	8,004.29	7,932.30	72.00	111.177		
16,200.00	7,253.74	6,562.00	6,478.14	259.39	29.83	-3.68	-1,454.32	291.61	8,103.86	8,031.80	72.07	112.450		
16,300.00	7,253.99	6,517.93	6,434.53	262.22	29.67	-3.51	-1,454.76	285.38	8,201.43	8,129.28	72.15	113.670		
16,400.00	7,254.24	6,517.37	6,433.97	265.05	29.66	-3.51	-1,454.77	285.32	8,300.97	8,228.75	72.22	114.935		
16,500.00	7,254.49	6,516.82	6,433.43	267.88	29.66	-3.51	-1,454.78	285.27	8,400.52	8,328.22	72.30	116.196		
16,600.00	7,254.74	6,516.29	6,432.90	270.72	29.66	-3.51	-1,454.78	285.22	8,500.08	8,427.71	72.37	117.454		
16,700.00	7,254.99	6,515.77	6,432.38	273.55	29.66	-3.51	-1,454.79	285.17	8,599.65	8,527.21	72.44	118.708		
16,800.00	7,255.24	6,515.26	6,431.87	276.38	29.66	-3.50	-1,454.79	285.12	8,699.23	8,626.71	72.52	119.959		
16,900.00	7,255.48	6,514.76	6,431.37	279.22	29.65	-3.50	-1,454.80	285.08	8,798.82	8,726.23	72.59	121.206		
17,000.00	7,255.73	6,514.27	6,430.88	282.05	29.65	-3.50	-1,454.80	285.03	8,898.42	8,825.75	72.67	122.450		
17,100.00	7,255.98	6,513.79	6,430.41	284.89	29.65	-3.50	-1,454.81	284.99	8,998.02	8,925.28	72.75	123.689		
17,200.00	7,256.23	6,513.32	6,429.94	287.73	29.65	-3.50	-1,454.81	284.94	9,097.64	9,024.81	72.82	124.926		
17,300.00	7,256.48	6,512.86	6,429.48	290.56	29.65	-3.49	-1,454.82	284.90	9,197.26	9,124.36	72.90	126.158		
17,400.00	7,256.73	6,512.41	6,429.03	293.40	29.64	-3.49	-1,454.82	284.86	9,296.89	9,223.91	72.98	127.387		
17,500.00	7,256.98	6,468.00	6,384.69	296.24	29.48	-3.34	-1,455.28	282.88	9,396.52	9,325.44	73.08	128.614		
17,600.00	7,257.22	6,468.00	6,384.69	299.07	29.48	-3.34	-1,455.28	282.88	9,496.12	9,424.97	73.16	129.835		
17,700.00	7,257.47	6,468.00	6,384.69	301.91	29.48	-3.34	-1,455.28	282.88	9,595.73	9,524.50	73.24	131.052		
17,800.00	7,257.72	6,468.00	6,384.69	304.75	29.48	-3.34	-1,455.28	282.88	9,695.35	9,624.04	73.32	132.265		
17,900.00	7,257.97	6,468.00	6,384.69	307.59	29.48	-3.34	-1,455.28	282.88	9,794.98	9,723.58	73.40	133.475		
18,000.00	7,258.22	6,468.00	6,384.69	310.43	29.48	-3.34	-1,455.28	282.88	9,894.62	9,823.14	73.48	134.681		
18,100.00	7,258.47	6,468.00	6,384.69	313.27	29.48	-3.34	-1,455.28	282.88	9,994.26	9,922.70	73.57	135.883		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	134.73	-502.74	507.54	714.47					
100.00	100.00	87.47	87.47	3.28	0.19	134.70	-502.54	507.86	714.48	711.00	3.48	205.508		
200.00	200.00	176.83	176.82	3.34	0.47	134.60	-502.05	509.08	715.10	711.28	3.82	187.365		
300.00	300.00	255.73	255.64	3.44	0.82	134.42	-502.18	512.48	718.29	713.97	4.32	166.273		
400.00	399.98	334.85	334.53	3.60	1.18	-2.27	-502.93	518.43	722.61	717.73	4.87	148.295		
500.00	499.84	408.75	407.97	3.79	1.52	-2.63	-504.51	526.47	726.72	721.25	5.47	132.874		
600.00	599.45	483.35	481.78	4.03	1.87	-3.04	-507.52	536.83	730.91	724.80	6.11	119.633		
700.00	698.70	562.50	559.74	4.30	2.23	-3.45	-512.79	549.39	734.92	728.14	6.78	108.427		
800.00	797.47	647.69	643.39	4.60	2.64	-3.79	-520.86	563.40	737.85	730.38	7.47	98.721		
900.00	895.62	737.58	731.42	4.94	3.08	-4.02	-531.73	577.95	738.95	730.75	8.20	90.145		
1,000.00	993.06	834.78	826.40	5.32	3.56	-4.04	-546.55	592.27	737.62	728.66	8.96	82.309		
1,100.00	1,089.64	950.52	939.43	5.73	4.12	-3.58	-568.34	604.13	732.02	722.23	9.79	74.767		
1,131.50	1,119.87	990.63	978.60	5.87	4.31	-3.29	-576.60	606.51	728.93	718.86	10.07	72.369		
1,200.00	1,185.51	1,086.51	1,072.29	6.18	4.75	-2.32	-596.90	608.18	720.12	709.41	10.71	67.236		
1,300.00	1,281.33	1,186.26	1,169.29	6.65	5.19	-0.88	-619.88	605.04	705.45	693.90	11.55	61.073		
1,400.00	1,377.14	1,275.49	1,255.28	7.13	5.59	0.76	-643.10	599.81	691.69	679.30	12.39	55.847		
1,500.00	1,472.96	1,364.80	1,340.65	7.63	6.00	2.65	-668.53	593.44	679.73	666.49	13.24	51.332		
1,600.00	1,568.78	1,457.13	1,428.49	8.14	6.44	4.77	-696.09	586.30	669.45	655.33	14.13	47.387		
1,700.00	1,664.60	1,547.11	1,513.69	8.66	6.88	6.98	-724.04	578.92	661.00	645.98	15.02	44.011		
1,800.00	1,760.41	1,645.99	1,607.12	9.19	7.39	9.51	-755.27	570.32	653.95	637.99	15.96	40.975		
1,900.00	1,856.23	1,750.51	1,706.12	9.73	7.94	12.24	-787.39	560.81	647.31	630.37	16.93	38.226		
2,000.00	1,952.05	1,845.80	1,796.76	10.27	8.44	14.69	-815.62	552.53	641.21	623.34	17.87	35.875		
2,100.00	2,047.86	1,920.14	1,867.34	10.81	8.85	16.56	-838.34	547.27	637.94	619.23	18.72	34.087		
2,118.97	2,066.04	1,933.92	1,880.37	10.92	8.92	16.90	-842.76	546.57	637.86	618.99	18.87	33.802 CC, ES		
2,200.00	2,143.68	2,007.01	1,949.39	11.36	9.33	18.62	-866.63	543.71	638.76	619.15	19.62	32.564		
2,300.00	2,239.50	2,104.59	2,041.68	11.92	9.89	20.83	-898.22	540.72	640.87	620.28	20.59	31.133		
2,400.00	2,335.32	2,209.25	2,140.91	12.47	10.48	23.13	-931.34	537.99	643.43	621.82	21.61	29.779		
2,500.00	2,431.13	2,307.40	2,234.33	13.03	11.03	25.22	-961.39	535.67	645.96	623.37	22.59	28.595		
2,600.00	2,526.95	2,405.22	2,327.37	13.59	11.58	27.32	-991.42	532.89	649.35	625.77	23.58	27.540		
2,700.00	2,622.77	2,507.40	2,424.55	14.15	12.16	29.61	-1,022.69	528.49	653.27	628.66	24.61	26.547		
2,800.00	2,718.59	2,602.03	2,514.71	14.72	12.69	31.63	-1,051.23	525.31	657.87	632.28	25.59	25.711		
2,900.00	2,814.40	2,696.45	2,604.65	15.29	13.23	33.55	-1,079.90	522.95	663.68	637.11	26.57	24.978		
3,000.00	2,910.22	2,791.03	2,694.66	15.85	13.77	35.37	-1,108.91	521.37	670.69	643.13	27.56	24.335		
3,100.00	3,006.04	2,887.58	2,786.42	16.42	14.32	37.32	-1,138.77	518.30	678.60	650.03	28.58	23.747		
3,200.00	3,101.85	2,978.11	2,872.25	16.99	14.84	39.19	-1,167.28	514.42	687.89	658.34	29.55	23.282		
3,300.00	3,197.67	3,069.04	2,958.22	17.56	15.37	41.01	-1,196.66	510.69	698.86	668.33	30.52	22.895		
3,400.00	3,293.49	3,171.30	3,054.95	18.14	15.96	42.95	-1,229.62	507.04	710.52	678.90	31.62	22.469		
3,500.00	3,389.31	3,266.78	3,145.36	18.71	16.52	44.67	-1,260.19	504.10	722.66	690.00	32.66	22.129		
3,600.00	3,485.12	3,365.69	3,238.96	19.28	17.09	46.47	-1,291.90	500.01	735.63	701.90	33.73	21.807		
3,700.00	3,580.94	3,477.20	3,345.01	19.86	17.73	48.43	-1,326.05	495.51	747.81	712.87	34.94	21.400		
3,800.00	3,676.76	3,584.48	3,447.52	20.43	18.34	50.17	-1,357.55	492.49	759.21	723.11	36.11	21.027		
3,900.00	3,772.58	3,682.86	3,541.79	21.01	18.89	51.65	-1,385.66	490.93	770.17	732.99	37.19	20.712		
4,000.00	3,868.39	3,776.01	3,630.95	21.58	19.41	53.05	-1,412.53	488.77	782.06	743.84	38.22	20.462		
4,100.00	3,964.21	3,885.19	3,735.56	22.16	20.02	54.73	-1,443.55	485.04	794.31	754.89	39.42	20.152		
4,200.00	4,060.03	3,962.04	3,809.23	22.74	20.46	55.89	-1,465.26	482.40	807.00	766.70	40.30	20.026		
4,300.00	4,155.85	4,035.35	3,878.83	23.32	20.88	56.96	-1,488.07	479.28	823.12	782.01	41.12	20.020		
4,400.00	4,251.66	4,111.81	3,950.76	23.89	21.33	58.04	-1,513.73	475.58	842.29	800.34	41.95	20.079		
4,500.00	4,347.48	4,193.31	4,026.86	24.47	21.83	59.12	-1,542.61	471.51	863.79	820.95	42.84	20.163		
4,600.00	4,443.30	4,279.05	4,106.44	25.05	22.36	60.17	-1,574.24	467.33	887.06	843.27	43.79	20.257		
4,700.00	4,539.11	4,385.92	4,205.65	25.63	23.02	61.38	-1,613.72	462.71	910.52	865.46	45.06	20.207		
4,800.00	4,634.93	4,490.97	4,303.58	26.21	23.66	62.51	-1,651.48	458.50	933.23	886.93	46.30	20.158		
4,900.00	4,730.75	4,599.17	4,404.83	26.79	24.32	63.62	-1,689.43	454.61	955.24	907.67	47.57	20.081		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	4,705.19	4,504.54	27.37	24.96	64.67	-1,725.29	451.11	976.19	927.38	48.81	20.001		
5,100.00	4,922.38	4,812.32	4,605.61	27.95	25.59	65.70	-1,760.63	447.59	996.65	946.60	50.05	19.912		
5,200.00	5,018.20	4,924.20	4,711.65	28.53	26.25	66.74	-1,796.16	444.35	1,016.04	964.69	51.35	19.787		
5,300.00	5,114.02	5,044.12	4,826.00	29.11	26.93	67.82	-1,832.19	441.88	1,033.71	981.00	52.71	19.610		
5,400.00	5,209.84	5,145.14	4,922.84	29.69	27.50	68.76	-1,860.82	439.30	1,050.32	996.45	53.87	19.499		
5,500.00	5,305.65	5,238.64	5,012.41	30.27	28.03	69.60	-1,887.56	436.78	1,067.48	1,012.54	54.94	19.430		
5,600.00	5,401.47	5,336.42	5,106.00	30.86	28.58	70.43	-1,915.75	434.67	1,084.84	1,028.78	56.06	19.352		
5,700.00	5,497.29	5,457.96	5,222.40	31.44	29.26	71.38	-1,950.69	433.00	1,102.10	1,044.67	57.42	19.193		
5,800.00	5,593.10	5,565.96	5,326.53	32.02	29.85	72.21	-1,979.35	432.57	1,116.93	1,058.30	58.63	19.050		
5,900.00	5,688.92	5,652.73	5,410.09	32.60	30.33	72.85	-2,002.71	432.29	1,132.31	1,072.67	59.64	18.985		
6,000.00	5,784.74	5,749.87	5,503.47	33.18	30.87	73.55	-2,029.46	431.71	1,148.51	1,087.76	60.75	18.905		
6,100.00	5,880.56	5,819.85	5,570.57	33.76	31.26	74.03	-2,049.31	431.09	1,165.81	1,104.23	61.58	18.932		
6,200.00	5,976.37	5,917.18	5,663.56	34.35	31.81	74.75	-2,077.88	427.90	1,185.34	1,122.64	62.70	18.905		
6,300.00	6,072.19	6,003.58	5,746.50	34.93	32.30	75.44	-2,101.81	424.32	1,204.20	1,140.51	63.69	18.906		
6,400.00	6,168.01	6,079.74	5,819.05	35.51	32.73	75.97	-2,124.79	421.18	1,225.20	1,160.64	64.56	18.978		
6,500.00	6,263.83	6,500.00	5,939.11	36.09	35.12	76.80	-2,162.72	417.06	1,245.87	1,178.31	67.56	18.440		
6,600.00	6,359.64	6,309.51	6,038.63	36.68	34.04	77.44	-2,192.02	415.22	1,264.21	1,196.99	67.22	18.806		
6,700.00	6,455.46	6,381.89	6,107.55	37.26	34.46	77.83	-2,214.08	414.09	1,284.46	1,216.41	68.05	18.875		
6,733.48	6,487.54	6,406.21	6,130.60	37.45	34.60	77.96	-2,221.81	413.64	1,291.67	1,223.35	68.32	18.905		
6,750.00	6,503.41	6,418.27	6,142.02	37.55	34.67	74.37	-2,225.70	413.40	1,295.19	1,226.73	68.46	18.920		
6,800.00	6,551.83	6,463.77	6,185.04	37.82	34.94	60.21	-2,240.50	412.46	1,304.48	1,235.54	68.94	18.922		
6,850.00	6,600.62	6,509.65	6,228.36	38.05	35.21	41.32	-2,255.55	411.49	1,311.60	1,242.22	69.39	18.903		
6,900.00	6,649.47	6,559.23	6,275.15	38.25	35.50	21.10	-2,271.94	410.50	1,316.45	1,246.61	69.84	18.850		
6,950.00	6,698.08	6,610.21	6,323.21	38.42	35.81	4.01	-2,288.91	409.64	1,318.96	1,248.68	70.28	18.768		
7,000.00	6,746.15	6,672.96	6,382.51	38.57	36.18	-8.75	-2,309.40	408.69	1,318.85	1,248.01	70.84	18.617		
7,050.00	6,793.39	8,111.00	7,233.98	38.71	41.38	-65.74	-2,542.41	1,201.30	1,309.35	1,243.92	65.43	20.013		
7,100.00	6,839.50	8,098.24	7,234.21	38.84	41.28	-73.49	-2,542.66	1,188.54	1,285.17	1,218.55	66.62	19.291		
7,150.00	6,884.20	8,080.59	7,234.51	38.97	41.17	-79.11	-2,543.05	1,170.90	1,263.11	1,195.39	67.73	18.650		
7,200.00	6,927.21	8,060.09	7,234.83	39.11	41.05	-83.28	-2,543.59	1,150.41	1,243.27	1,174.53	68.74	18.086		
7,250.00	6,968.28	8,036.88	7,235.15	39.25	40.95	-86.38	-2,544.29	1,127.21	1,225.71	1,156.05	69.67	17.594		
7,300.00	7,007.13	8,009.97	7,235.47	39.41	40.86	-88.62	-2,545.22	1,100.32	1,210.46	1,139.96	70.50	17.169		
7,350.00	7,043.55	7,977.01	7,235.88	39.58	40.78	-90.11	-2,546.42	1,067.39	1,197.41	1,126.15	71.26	16.803		
7,400.00	7,077.29	7,941.26	7,236.40	39.77	40.73	-91.11	-2,547.75	1,031.66	1,186.44	1,114.51	71.93	16.495		
7,450.00	7,108.16	7,902.93	7,237.02	39.98	40.69	-91.72	-2,549.20	993.37	1,177.43	1,104.94	72.50	16.242		
7,500.00	7,135.96	7,865.14	7,237.57	40.22	40.67	-92.11	-2,550.70	955.61	1,170.28	1,097.25	73.03	16.024		
7,550.00	7,160.53	7,839.76	7,237.35	40.49	40.66	-92.54	-2,551.96	930.26	1,165.16	1,091.57	73.59	15.833		
7,600.00	7,181.70	7,815.98	7,235.99	40.79	40.65	-92.72	-2,553.67	906.59	1,162.41	1,088.28	74.13	15.681		
7,636.75	7,195.02	7,796.00	7,233.67	41.04	40.65	-92.60	-2,555.46	886.83	1,161.84	1,087.32	74.52	15.591		
7,650.00	7,199.35	7,790.45	7,232.83	41.13	40.65	-92.56	-2,556.01	881.37	1,161.93	1,087.28	74.66	15.564		
7,700.00	7,213.38	7,165.87	6,843.56	41.51	39.01	-67.85	-2,471.57	446.52	1,160.35	1,084.50	75.85	15.298		
7,750.00	7,223.68	7,159.85	6,838.27	41.93	38.98	-68.60	-2,469.33	444.71	1,151.01	1,074.93	76.08	15.129		
7,800.00	7,230.21	7,150.52	6,830.06	42.38	38.93	-68.97	-2,465.85	441.99	1,143.13	1,066.80	76.33	14.977		
7,850.00	7,232.92	7,138.59	6,819.51	42.87	38.86	-69.01	-2,461.39	438.67	1,136.70	1,060.11	76.59	14.842		
7,858.69	7,233.00	7,136.29	6,817.46	42.95	38.85	-68.98	-2,460.53	438.05	1,135.72	1,059.09	76.63	14.820		
7,900.00	7,233.10	7,125.79	6,808.11	43.38	38.79	-68.47	-2,456.61	435.31	1,131.90	1,055.03	76.88	14.724		
7,990.24	7,233.33	7,106.22	6,790.58	44.44	38.68	-67.51	-2,449.31	430.60	1,128.48	1,050.94	77.53	14.555		
8,000.00	7,233.35	7,104.34	6,788.89	44.56	38.67	-67.41	-2,448.61	430.17	1,128.52	1,050.91	77.61	14.542		
8,100.00	7,233.60	7,087.19	6,773.40	45.91	38.57	-66.56	-2,442.21	426.49	1,133.59	1,055.11	78.49	14.443		
8,200.00	7,233.85	7,074.00	6,761.44	47.41	38.50	-65.91	-2,437.30	423.92	1,147.12	1,067.65	79.47	14.434 SF		
8,300.00	7,234.10	7,074.00	6,761.44	49.05	38.50	-65.91	-2,437.30	423.92	1,168.98	1,088.31	80.67	14.491		
8,400.00	7,234.35	7,055.01	6,744.10	50.81	38.38	-64.96	-2,430.30	420.60	1,198.51	1,117.00	81.51	14.704		
8,500.00	7,234.59	7,047.33	6,737.06	52.68	38.34	-64.57	-2,427.51	419.37	1,235.42	1,152.97	82.45	14.984		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
8,600.00	7,234.84	7,040.44	6,730.71	54.65	38.30	-64.23	-2,425.02	418.32	1,279.02	1,195.71	83.30	15.354		
8,700.00	7,235.09	7,034.21	6,724.97	56.70	38.26	-63.92	-2,422.79	417.42	1,328.65	1,244.60	84.05	15.807		
8,800.00	7,235.34	7,028.56	6,719.75	58.82	38.23	-63.64	-2,420.78	416.65	1,383.68	1,298.98	84.70	16.337		
8,900.00	7,235.59	7,023.42	6,714.98	61.01	38.20	-63.38	-2,418.96	415.97	1,443.50	1,358.25	85.24	16.934		
9,000.00	7,235.84	7,018.71	6,710.62	63.25	38.17	-63.14	-2,417.30	415.38	1,507.54	1,421.84	85.70	17.591		
9,100.00	7,236.09	7,014.39	6,706.60	65.55	38.15	-62.93	-2,415.79	414.86	1,575.30	1,489.22	86.07	18.302		
9,200.00	7,236.34	7,010.40	6,702.90	67.89	38.12	-62.73	-2,414.40	414.40	1,646.31	1,559.94	86.38	19.060		
9,300.00	7,236.58	6,981.00	6,675.41	70.27	37.95	-61.27	-2,404.35	411.56	1,720.77	1,634.50	86.27	19.945		
9,400.00	7,236.83	6,981.00	6,675.41	72.69	37.95	-61.27	-2,404.35	411.56	1,797.01	1,710.49	86.52	20.769		
9,500.00	7,237.08	6,981.00	6,675.41	75.14	37.95	-61.27	-2,404.35	411.56	1,875.48	1,788.76	86.72	21.626		
9,600.00	7,237.33	6,981.00	6,675.41	77.62	37.95	-61.27	-2,404.35	411.56	1,955.92	1,869.03	86.88	22.512		
9,700.00	7,237.58	6,981.00	6,675.41	80.12	37.95	-61.27	-2,404.35	411.56	2,038.09	1,951.08	87.01	23.424		
9,800.00	7,237.83	6,981.00	6,675.41	82.65	37.95	-61.27	-2,404.35	411.56	2,121.79	2,034.68	87.11	24.358		
9,900.00	7,238.08	6,981.00	6,675.41	85.20	37.95	-61.27	-2,404.35	411.56	2,206.84	2,119.66	87.19	25.312		
10,000.00	7,238.32	6,981.00	6,675.41	87.77	37.95	-61.27	-2,404.35	411.56	2,293.11	2,205.86	87.24	26.284		
10,100.00	7,238.57	6,981.00	6,675.41	90.36	37.95	-61.27	-2,404.35	411.56	2,380.45	2,293.16	87.29	27.271		
10,200.00	7,238.82	6,981.00	6,675.41	92.97	37.95	-61.27	-2,404.35	411.56	2,468.75	2,381.43	87.32	28.273		
10,300.00	7,239.07	6,981.00	6,675.41	95.59	37.95	-61.27	-2,404.35	411.56	2,557.91	2,470.57	87.34	29.286		
10,400.00	7,239.32	6,981.00	6,675.41	98.22	37.95	-61.27	-2,404.35	411.56	2,647.84	2,560.49	87.36	30.311		
10,500.00	7,239.57	6,981.00	6,675.41	100.87	37.95	-61.27	-2,404.35	411.56	2,738.48	2,651.11	87.36	31.346		
10,600.00	7,239.82	6,981.00	6,675.41	103.52	37.95	-61.27	-2,404.35	411.56	2,829.74	2,742.38	87.37	32.389		
10,700.00	7,240.07	6,981.00	6,675.41	106.19	37.95	-61.27	-2,404.35	411.56	2,921.58	2,834.21	87.37	33.440		
10,800.00	7,240.31	6,981.00	6,675.41	108.87	37.95	-61.27	-2,404.35	411.56	3,013.94	2,926.57	87.36	34.499		
10,900.00	7,240.56	6,981.00	6,675.41	111.56	37.95	-61.27	-2,404.35	411.56	3,106.77	3,019.41	87.36	35.563		
11,000.00	7,240.81	6,981.00	6,675.41	114.25	37.95	-61.27	-2,404.35	411.56	3,200.03	3,112.68	87.35	36.634		
11,100.00	7,241.06	6,981.00	6,675.41	116.96	37.95	-61.27	-2,404.35	411.56	3,293.69	3,206.34	87.35	37.709		
11,200.00	7,241.31	6,981.00	6,675.41	119.67	37.95	-61.27	-2,404.35	411.56	3,387.71	3,300.37	87.34	38.789		
11,300.00	7,241.56	6,981.00	6,675.41	122.39	37.95	-61.27	-2,404.35	411.56	3,482.06	3,394.73	87.33	39.873		
11,400.00	7,241.81	6,981.00	6,675.41	125.11	37.95	-61.27	-2,404.35	411.56	3,576.72	3,489.40	87.32	40.960		
11,500.00	7,242.06	6,981.00	6,675.41	127.84	37.95	-61.27	-2,404.35	411.56	3,671.66	3,584.35	87.31	42.051		
11,600.00	7,242.30	6,981.00	6,675.41	130.58	37.95	-61.27	-2,404.35	411.56	3,766.87	3,679.56	87.31	43.145		
11,700.00	7,242.55	6,981.00	6,675.41	133.32	37.95	-61.27	-2,404.35	411.56	3,862.31	3,775.01	87.30	44.241		
11,800.00	7,242.80	6,981.00	6,675.41	136.07	37.95	-61.27	-2,404.35	411.56	3,957.99	3,870.69	87.30	45.340		
11,900.00	7,243.05	6,981.00	6,675.41	138.82	37.95	-61.27	-2,404.35	411.56	4,053.87	3,966.57	87.29	46.440		
12,000.00	7,243.30	6,981.00	6,675.41	141.58	37.95	-61.27	-2,404.35	411.56	4,149.94	4,062.65	87.29	47.543		
12,100.00	7,243.55	6,981.00	6,675.41	144.34	37.95	-61.27	-2,404.35	411.56	4,246.20	4,158.91	87.29	48.646		
12,200.00	7,243.80	6,981.00	6,675.41	147.10	37.95	-61.27	-2,404.35	411.56	4,342.62	4,255.34	87.29	49.752		
12,300.00	7,244.04	6,981.00	6,675.41	149.87	37.95	-61.27	-2,404.35	411.56	4,439.21	4,351.92	87.29	50.858		
12,400.00	7,244.29	6,981.00	6,675.41	152.64	37.95	-61.27	-2,404.35	411.56	4,535.94	4,448.65	87.29	51.965		
12,500.00	7,244.54	6,981.00	6,675.41	155.41	37.95	-61.27	-2,404.35	411.56	4,632.81	4,545.52	87.29	53.073		
12,600.00	7,244.79	6,981.00	6,675.41	158.19	37.95	-61.27	-2,404.35	411.56	4,729.81	4,642.52	87.30	54.182		
12,700.00	7,245.04	6,981.00	6,675.41	160.97	37.95	-61.27	-2,404.35	411.56	4,826.94	4,739.63	87.30	55.291		
12,800.00	7,245.29	6,943.97	6,640.51	163.75	37.74	-59.44	-2,392.22	409.15	4,923.44	4,836.45	86.99	56.598		
12,900.00	7,245.54	6,943.05	6,639.64	166.54	37.73	-59.40	-2,391.92	409.10	5,020.76	4,933.76	86.99	57.716		
13,000.00	7,245.79	6,942.16	6,638.79	169.33	37.73	-59.35	-2,391.64	409.05	5,118.17	5,031.18	86.99	58.834		
13,100.00	7,246.03	6,941.29	6,637.97	172.12	37.72	-59.31	-2,391.36	409.01	5,215.69	5,128.69	87.00	59.952		
13,200.00	7,246.28	6,940.44	6,637.17	174.91	37.72	-59.27	-2,391.09	408.97	5,313.29	5,226.29	87.00	61.069		
13,300.00	7,246.53	6,939.62	6,636.39	177.71	37.71	-59.23	-2,390.83	408.93	5,410.98	5,323.97	87.01	62.187		
13,400.00	7,246.78	6,938.82	6,635.63	180.50	37.71	-59.19	-2,390.58	408.89	5,508.76	5,421.74	87.02	63.304		
13,500.00	7,247.03	6,938.04	6,634.90	183.30	37.71	-59.15	-2,390.33	408.86	5,606.61	5,519.58	87.03	64.421		
13,600.00	7,247.28	6,937.28	6,634.18	186.10	37.70	-59.12	-2,390.09	408.82	5,704.53	5,617.49	87.04	65.537		
13,700.00	7,247.53	6,936.55	6,633.48	188.91	37.70	-59.08	-2,389.86	408.79	5,802.53	5,715.47	87.06	66.653		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 141-MWD+IFR1													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.77	6,935.83	6,632.80	191.71	37.69	-59.05	-2,389.63	408.76	5,900.59	5,813.52	87.07	67.767		
13,900.00	7,248.02	6,935.13	6,632.14	194.52	37.69	-59.01	-2,389.41	408.73	5,998.72	5,911.63	87.09	68.882		
14,000.00	7,248.27	6,934.44	6,631.49	197.32	37.68	-58.98	-2,389.19	408.70	6,096.91	6,009.80	87.10	69.995		
14,100.00	7,248.52	6,933.78	6,630.86	200.13	37.68	-58.95	-2,388.98	408.67	6,195.15	6,108.03	87.12	71.107		
14,200.00	7,248.77	6,933.13	6,630.24	202.94	37.68	-58.91	-2,388.78	408.64	6,293.45	6,206.31	87.14	72.219		
14,300.00	7,249.02	6,932.49	6,629.64	205.76	37.67	-58.88	-2,388.58	408.61	6,391.80	6,304.64	87.17	73.329		
14,400.00	7,249.27	6,931.87	6,629.05	208.57	37.67	-58.85	-2,388.38	408.59	6,490.20	6,403.01	87.19	74.439		
14,500.00	7,249.52	6,931.27	6,628.48	211.38	37.67	-58.82	-2,388.19	408.56	6,588.65	6,501.44	87.21	75.547		
14,600.00	7,249.76	6,930.68	6,627.92	214.20	37.66	-58.79	-2,388.01	408.54	6,687.15	6,599.91	87.24	76.654		
14,700.00	7,250.01	6,930.10	6,627.37	217.02	37.66	-58.77	-2,387.83	408.51	6,785.69	6,698.42	87.26	77.760		
14,800.00	7,250.26	6,929.54	6,626.84	219.84	37.66	-58.74	-2,387.65	408.49	6,884.27	6,796.97	87.29	78.864		
14,900.00	7,250.51	6,928.99	6,626.32	222.65	37.65	-58.71	-2,387.48	408.47	6,982.89	6,895.56	87.32	79.967		
15,000.00	7,250.76	6,928.45	6,625.81	225.48	37.65	-58.69	-2,387.31	408.45	7,081.54	6,994.19	87.35	81.069		
15,100.00	7,251.01	6,927.93	6,625.31	228.30	37.65	-58.66	-2,387.14	408.43	7,180.24	7,092.86	87.38	82.169		
15,200.00	7,251.26	6,927.41	6,624.82	231.12	37.64	-58.64	-2,386.98	408.41	7,278.97	7,191.56	87.42	83.268		
15,300.00	7,251.50	6,926.91	6,624.34	233.94	37.64	-58.61	-2,386.83	408.39	7,377.74	7,290.29	87.45	84.365		
15,400.00	7,251.75	6,926.41	6,623.87	236.77	37.64	-58.59	-2,386.67	408.37	7,476.53	7,389.05	87.48	85.461		
15,500.00	7,252.00	6,887.00	6,586.33	239.59	37.41	-56.69	-2,374.72	407.51	7,576.10	7,488.88	87.22	86.863		
15,600.00	7,252.25	6,887.00	6,586.33	242.42	37.41	-56.69	-2,374.72	407.51	7,674.94	7,587.68	87.26	87.954		
15,700.00	7,252.50	6,887.00	6,586.33	245.24	37.41	-56.69	-2,374.72	407.51	7,773.81	7,686.51	87.30	89.044		
15,800.00	7,252.75	6,887.00	6,586.33	248.07	37.41	-56.69	-2,374.72	407.51	7,872.71	7,785.36	87.35	90.132		
15,900.00	7,253.00	6,887.00	6,586.33	250.90	37.41	-56.69	-2,374.72	407.51	7,971.63	7,884.24	87.39	91.219		
16,000.00	7,253.25	6,887.00	6,586.33	253.73	37.41	-56.69	-2,374.72	407.51	8,070.58	7,983.15	87.44	92.303		
16,100.00	7,253.49	6,887.00	6,586.33	256.56	37.41	-56.69	-2,374.72	407.51	8,169.56	8,082.08	87.48	93.386		
16,200.00	7,253.74	6,887.00	6,586.33	259.39	37.41	-56.69	-2,374.72	407.51	8,268.56	8,181.03	87.53	94.467		
16,300.00	7,253.99	6,887.00	6,586.33	262.22	37.41	-56.69	-2,374.72	407.51	8,367.59	8,280.01	87.58	95.546		
16,400.00	7,254.24	6,887.00	6,586.33	265.05	37.41	-56.69	-2,374.72	407.51	8,466.64	8,379.01	87.63	96.623		
16,500.00	7,254.49	6,887.00	6,586.33	267.88	37.41	-56.69	-2,374.72	407.51	8,565.71	8,478.03	87.68	97.697		
16,600.00	7,254.74	6,887.00	6,586.33	270.72	37.41	-56.69	-2,374.72	407.51	8,664.80	8,577.07	87.73	98.770		
16,700.00	7,254.99	6,887.00	6,586.33	273.55	37.41	-56.69	-2,374.72	407.51	8,763.91	8,676.13	87.78	99.841		
16,800.00	7,255.24	6,887.00	6,586.33	276.38	37.41	-56.69	-2,374.72	407.51	8,863.04	8,775.21	87.83	100.910		
16,900.00	7,255.48	6,887.00	6,586.33	279.22	37.41	-56.69	-2,374.72	407.51	8,962.20	8,874.31	87.88	101.977		
17,000.00	7,255.73	6,887.00	6,586.33	282.05	37.41	-56.69	-2,374.72	407.51	9,061.37	8,973.43	87.94	103.041		
17,100.00	7,255.98	6,887.00	6,586.33	284.89	37.41	-56.69	-2,374.72	407.51	9,160.55	9,072.56	87.99	104.104		
17,200.00	7,256.23	6,887.00	6,586.33	287.73	37.41	-56.69	-2,374.72	407.51	9,259.76	9,171.71	88.05	105.164		
17,300.00	7,256.48	6,887.00	6,586.33	290.56	37.41	-56.69	-2,374.72	407.51	9,358.98	9,270.88	88.11	106.222		
17,400.00	7,256.73	6,887.00	6,586.33	293.40	37.41	-56.69	-2,374.72	407.51	9,458.22	9,370.06	88.17	107.278		
17,500.00	7,256.98	6,887.00	6,586.33	296.24	37.41	-56.69	-2,374.72	407.51	9,557.48	9,469.25	88.22	108.331		
17,600.00	7,257.22	6,887.00	6,586.33	299.07	37.41	-56.69	-2,374.72	407.51	9,656.75	9,568.46	88.28	109.383		
17,700.00	7,257.47	6,887.00	6,586.33	301.91	37.41	-56.69	-2,374.72	407.51	9,756.03	9,667.69	88.34	110.432		
17,800.00	7,257.72	6,887.00	6,586.33	304.75	37.41	-56.69	-2,374.72	407.51	9,855.33	9,766.93	88.41	111.478		
17,900.00	7,257.97	6,887.00	6,586.33	307.59	37.41	-56.69	-2,374.72	407.51	9,954.65	9,866.18	88.47	112.523		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	131.06	-442.63	508.10	673.94					
100.00	100.00	85.40	85.40	3.28	3.29	131.08	-442.95	508.12	674.09	667.52	6.57	102.598		
200.00	200.00	181.34	181.34	3.34	3.30	131.15	-444.07	508.20	674.93	668.28	6.64	101.618		
300.00	300.00	284.79	284.77	3.44	3.36	131.24	-445.63	508.39	676.07	669.26	6.81	99.288		
400.00	399.98	389.68	389.66	3.60	3.49	-5.21	-445.42	508.77	674.47	667.38	7.09	95.170		
500.00	499.84	492.06	492.04	3.79	3.66	-5.30	-444.93	508.81	668.97	661.52	7.45	89.780		
600.00	599.45	578.40	578.37	4.03	3.84	-5.41	-444.81	509.30	660.65	652.79	7.86	84.035		
700.00	698.70	663.53	663.44	4.30	4.04	-5.73	-444.50	512.55	651.15	642.81	8.34	78.102		
800.00	797.47	748.47	748.14	4.60	4.27	-6.29	-443.63	518.68	640.39	631.52	8.87	72.199		
900.00	895.62	835.85	835.06	4.94	4.53	-7.09	-442.50	527.60	628.38	618.93	9.46	66.441		
1,000.00	993.06	931.89	930.44	5.32	4.83	-8.13	-441.44	538.80	614.36	604.24	10.11	60.756		
1,100.00	1,089.64	1,042.05	1,040.09	5.73	5.20	-9.18	-441.82	549.21	596.29	585.44	10.84	54.989		
1,131.50	1,119.87	1,079.02	1,076.98	5.87	5.33	-9.48	-442.32	551.60	589.37	578.28	11.09	53.129		
1,200.00	1,185.51	1,161.87	1,159.75	6.18	5.62	-10.03	-443.20	555.09	572.67	561.04	11.64	49.213		
1,300.00	1,281.33	1,274.43	1,272.30	6.65	6.01	-10.67	-443.55	556.08	545.31	532.90	12.40	43.962		
1,400.00	1,377.14	1,372.94	1,370.81	7.13	6.35	-11.32	-442.87	555.73	516.51	503.36	13.15	39.277		
1,500.00	1,472.96	1,468.55	1,466.41	7.63	6.70	-11.96	-442.45	554.91	487.52	473.61	13.91	35.048		
1,600.00	1,568.78	1,561.76	1,559.62	8.14	7.04	-12.65	-442.27	554.20	458.79	444.11	14.68	31.242		
1,700.00	1,664.60	1,655.10	1,652.96	8.66	7.39	-13.50	-442.04	554.41	430.90	415.42	15.48	27.831		
1,800.00	1,760.41	1,752.51	1,750.37	9.19	7.77	-14.56	-441.44	554.62	402.92	386.62	16.30	24.718		
1,900.00	1,856.23	1,847.20	1,845.05	9.73	8.14	-15.75	-440.83	554.97	375.19	358.06	17.13	21.900		
2,000.00	1,952.05	1,950.54	1,948.34	10.27	8.56	-17.65	-437.78	555.64	346.78	328.81	17.97	19.298		
2,100.00	2,047.86	2,056.31	2,053.85	10.81	8.98	-20.56	-430.47	555.03	315.96	297.16	18.80	16.807		
2,200.00	2,143.68	2,158.07	2,154.98	11.36	9.39	-24.61	-419.55	552.66	282.92	263.28	19.64	14.403		
2,300.00	2,239.50	2,251.69	2,247.72	11.92	9.77	-29.68	-407.32	548.95	249.13	228.56	20.58	12.106		
2,400.00	2,335.32	2,340.25	2,335.22	12.47	10.13	-36.41	-393.76	547.00	218.78	197.12	21.65	10.104		
2,500.00	2,431.13	2,429.24	2,422.74	13.03	10.50	-45.62	-377.70	545.85	193.28	170.44	22.85	8.460		
2,600.00	2,526.95	2,515.76	2,507.31	13.59	10.86	-57.16	-359.46	546.14	176.76	152.64	24.12	7.329		
2,685.39	2,608.76	2,590.52	2,579.91	14.07	11.17	-68.72	-341.66	546.53	171.89	146.78	25.11	6.846 CC, ES		
2,700.00	2,622.77	2,602.58	2,591.58	14.15	11.22	-70.66	-338.61	546.59	172.07	146.82	25.25	6.815 SF		
2,800.00	2,718.59	2,685.17	2,671.11	14.72	11.58	-83.79	-316.36	547.53	182.27	156.32	25.95	7.024		
2,900.00	2,814.40	2,773.68	2,756.04	15.29	11.96	-96.31	-291.46	548.28	205.02	178.50	26.52	7.732		
3,000.00	2,910.22	2,857.04	2,835.84	15.85	12.33	-106.15	-267.37	547.87	236.70	209.86	26.85	8.817		
3,100.00	3,006.04	2,942.14	2,916.98	16.42	12.71	-114.33	-241.77	546.32	275.21	247.95	27.26	10.096		
3,200.00	3,101.85	3,025.20	2,996.09	16.99	13.09	-120.66	-216.57	544.15	318.05	290.37	27.69	11.488		
3,300.00	3,197.67	3,110.86	3,077.63	17.56	13.49	-125.70	-190.38	542.24	363.98	335.70	28.28	12.872		
3,400.00	3,293.49	3,195.55	3,158.34	18.14	13.89	-129.76	-164.87	539.51	411.34	382.45	28.89	14.238		
3,500.00	3,389.31	3,282.55	3,241.26	18.71	14.30	-132.84	-138.54	538.58	460.14	430.51	29.63	15.531		
3,600.00	3,485.12	3,375.32	3,330.04	19.28	14.74	-135.53	-111.68	537.30	508.61	478.08	30.53	16.662		
3,700.00	3,580.94	3,468.98	3,419.99	19.86	15.19	-137.52	-85.59	538.22	556.55	525.10	31.46	17.692		
3,800.00	3,676.76	3,558.54	3,506.34	20.43	15.61	-139.17	-61.84	538.65	603.72	571.42	32.30	18.692		
3,900.00	3,772.58	3,640.58	3,585.30	21.01	16.01	-140.60	-39.61	537.72	651.90	618.92	32.98	19.765		
4,000.00	3,868.39	3,734.32	3,675.79	21.58	16.46	-142.14	-15.26	535.27	699.59	665.68	33.91	20.631		
4,100.00	3,964.21	3,803.24	3,742.12	22.16	16.79	-143.16	3.33	533.20	748.56	714.21	34.35	21.790		
4,200.00	4,060.03	3,877.08	3,812.74	22.74	17.15	-144.03	24.82	531.88	799.44	764.52	34.92	22.894		
4,300.00	4,155.85	3,951.15	3,883.20	23.32	17.52	-144.68	47.69	532.20	851.62	816.11	35.51	23.981		
4,400.00	4,251.66	4,034.23	3,961.89	23.89	17.94	-145.25	74.32	533.25	904.76	868.46	36.30	24.923		
4,500.00	4,347.48	4,138.96	4,061.42	24.47	18.46	-145.87	106.81	535.09	957.03	919.52	37.51	25.516		
4,600.00	4,443.30	4,244.35	4,162.44	25.05	18.99	-146.52	136.85	535.89	1,007.26	968.57	38.69	26.037		
4,700.00	4,539.11	4,343.50	4,257.93	25.63	19.48	-147.14	163.53	535.88	1,056.35	1,016.62	39.73	26.587		
4,800.00	4,634.93	4,420.45	4,332.19	26.21	19.86	-147.63	183.69	535.13	1,105.14	1,064.73	40.41	27.350		
4,900.00	4,730.75	4,494.89	4,403.73	26.79	20.23	-148.09	204.20	533.67	1,155.31	1,114.26	41.05	28.147		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	4,581.56	4,487.08	27.37	20.67	-148.65	227.79	530.86	1,205.59	1,163.70	41.89	28.782		
5,100.00	4,922.38	4,650.89	4,553.59	27.95	21.01	-149.05	247.25	528.72	1,256.65	1,214.20	42.45	29.602		
5,200.00	5,018.20	4,754.27	4,652.75	28.53	21.54	-149.60	276.32	525.65	1,307.80	1,264.23	43.57	30.015		
5,300.00	5,114.02	4,813.47	4,709.47	29.11	21.84	-149.88	293.18	523.87	1,359.28	1,315.29	43.99	30.901		
5,400.00	5,209.84	4,911.01	4,802.58	29.69	22.34	-150.26	322.18	522.03	1,411.69	1,366.66	45.03	31.353		
5,500.00	5,305.65	5,005.08	4,892.70	30.27	22.82	-150.54	349.14	521.67	1,462.76	1,416.76	46.01	31.795		
5,600.00	5,401.47	5,094.79	4,978.77	30.86	23.27	-150.85	374.40	520.29	1,513.74	1,466.83	46.91	32.267		
5,700.00	5,497.29	5,187.67	5,068.00	31.44	23.75	-151.16	400.11	518.54	1,564.42	1,516.55	47.86	32.685		
5,800.00	5,593.10	5,280.57	5,157.37	32.02	24.22	-151.45	425.41	516.85	1,614.73	1,565.92	48.81	33.079		
5,900.00	5,688.92	5,412.10	5,284.37	32.60	24.88	-151.80	459.59	515.82	1,663.73	1,613.44	50.30	33.079		
6,000.00	5,784.74	5,471.03	5,341.39	33.18	25.17	-151.97	474.43	514.87	1,712.28	1,661.52	50.77	33.728		
6,100.00	5,880.56	5,539.60	5,407.51	33.76	25.52	-152.18	492.52	513.00	1,762.15	1,710.78	51.37	34.302		
6,200.00	5,976.37	5,617.30	5,482.31	34.35	25.91	-152.42	513.38	510.51	1,812.60	1,760.50	52.10	34.788		
6,300.00	6,072.19	5,703.04	5,564.82	34.93	26.35	-152.68	536.46	507.12	1,863.36	1,810.41	52.95	35.191		
6,400.00	6,168.01	5,793.57	5,652.06	35.51	26.81	-152.95	560.38	503.59	1,913.70	1,859.84	53.86	35.529		
6,500.00	6,263.83	5,850.99	5,707.23	36.09	27.11	-153.10	576.14	501.57	1,964.84	1,910.52	54.32	36.171		
6,600.00	6,359.64	5,920.58	5,773.84	36.68	27.47	-153.26	596.20	499.35	2,017.03	1,962.08	54.95	36.706		
6,700.00	6,455.46	6,003.75	5,853.30	37.26	27.90	-153.42	620.63	496.97	2,069.63	2,013.85	55.78	37.104		
6,733.48	6,487.54	6,035.15	5,883.31	37.45	28.06	-153.48	629.84	496.17	2,087.20	2,031.09	56.11	37.200		
6,750.00	6,503.41	6,050.71	5,898.18	37.55	28.15	-158.27	634.40	495.80	2,095.80	2,039.53	56.27	37.246		
6,800.00	6,551.83	6,159.28	6,002.36	37.82	28.71	-175.57	664.92	494.40	2,120.56	2,062.98	57.58	36.827		
6,850.00	6,600.62	6,198.09	6,039.74	38.05	28.90	162.99	675.35	493.96	2,143.57	2,085.64	57.93	37.004		
6,900.00	6,649.47	6,244.15	6,084.14	38.25	29.14	140.82	687.54	493.06	2,165.28	2,106.92	58.36	37.102		
6,950.00	6,698.08	6,269.49	6,108.56	38.42	29.27	122.20	694.31	492.42	2,185.82	2,127.30	58.52	37.354		
7,000.00	6,746.15	6,295.32	6,133.38	38.57	29.40	108.52	701.41	491.73	2,205.29	2,146.62	58.68	37.582		
7,050.00	6,793.39	6,320.57	6,157.59	38.71	29.53	98.77	708.54	491.01	2,223.63	2,164.79	58.84	37.791		
7,100.00	6,839.50	6,349.83	6,185.59	38.84	29.69	91.79	717.01	490.13	2,240.77	2,181.70	59.07	37.936		
7,150.00	6,884.20	6,384.75	6,218.97	38.97	29.87	86.71	727.21	489.02	2,256.50	2,197.11	59.39	37.992		
7,200.00	6,927.21	6,418.46	6,251.16	39.11	30.05	82.90	737.13	487.90	2,270.80	2,211.07	59.73	38.018		
7,250.00	6,968.28	6,524.56	6,352.78	39.25	30.60	81.26	767.57	486.29	2,283.24	2,222.16	61.08	37.383		
7,300.00	7,007.13	6,564.60	6,391.30	39.41	30.80	79.28	778.52	486.24	2,293.52	2,231.94	61.57	37.249		
7,350.00	7,043.55	6,605.62	6,430.82	39.58	31.01	77.86	789.49	485.71	2,302.33	2,240.20	62.13	37.058		
7,400.00	7,077.29	6,614.00	6,438.90	39.77	31.06	76.25	791.70	485.54	2,309.89	2,247.57	62.32	37.068		
7,450.00	7,108.16	6,643.26	6,467.08	39.98	31.21	75.38	799.54	484.87	2,316.23	2,253.39	62.84	36.859		
7,500.00	7,135.96	6,657.53	6,480.79	40.22	31.28	74.49	803.46	484.52	2,321.60	2,258.36	63.24	36.713		
7,550.00	7,160.53	6,670.22	6,492.97	40.49	31.35	73.81	807.01	484.19	2,325.94	2,262.25	63.69	36.520		
7,600.00	7,181.70	6,681.27	6,503.57	40.79	31.40	73.31	810.15	483.89	2,329.29	2,265.09	64.20	36.283		
7,650.00	7,199.35	6,690.63	6,512.53	41.13	31.45	72.96	812.83	483.63	2,331.67	2,266.91	64.77	36.002		
7,700.00	7,213.38	6,709.00	6,530.09	41.51	31.55	72.99	818.19	483.10	2,333.16	2,267.62	65.54	35.600		
7,750.00	7,223.68	6,709.00	6,530.09	41.93	31.55	72.75	818.19	483.10	2,333.64	2,267.51	66.14	35.286		
7,800.00	7,230.21	6,709.00	6,530.09	42.38	31.55	72.65	818.19	483.10	2,333.26	2,266.46	66.80	34.927		
7,850.00	7,232.92	6,711.96	6,532.91	42.87	31.56	72.77	819.06	483.01	2,332.01	2,264.44	67.58	34.510		
7,858.69	7,233.00	6,712.37	6,533.31	42.95	31.57	72.80	819.18	483.00	2,331.71	2,263.99	67.71	34.434		
7,900.00	7,233.10	6,713.95	6,534.82	43.38	31.57	72.84	819.65	482.96	2,330.56	2,262.17	68.39	34.080		
7,944.21	7,233.21	6,715.55	6,536.34	43.90	31.58	72.88	820.12	482.91	2,330.14	2,260.99	69.15	33.696		
8,000.00	7,233.35	6,717.43	6,538.14	44.56	31.59	72.93	820.67	482.87	2,330.81	2,260.69	70.11	33.243		
8,100.00	7,233.60	6,720.48	6,541.05	45.91	31.61	73.00	821.57	482.79	2,335.34	2,263.38	71.96	32.455		
8,200.00	7,233.85	6,723.17	6,543.63	47.41	31.62	73.07	822.36	482.73	2,344.12	2,270.25	73.88	31.730		
8,300.00	7,234.10	6,725.57	6,545.92	49.05	31.63	73.13	823.07	482.68	2,357.12	2,281.28	75.85	31.077		
8,400.00	7,234.35	6,727.71	6,547.97	50.81	31.65	73.18	823.70	482.64	2,374.26	2,296.43	77.84	30.503		
8,500.00	7,234.59	6,729.65	6,549.82	52.68	31.66	73.23	824.26	482.60	2,395.46	2,315.64	79.82	30.011		
8,600.00	7,234.84	6,731.40	6,551.50	54.65	31.66	73.27	824.78	482.57	2,420.60	2,338.82	81.78	29.600		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 226-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,235.09	6,733.00	6,553.02	56.70	31.67	73.31	825.24	482.55	2,449.57	2,365.88	83.69	29.270		
8,800.00	7,235.34	6,734.45	6,554.41	58.82	31.68	73.35	825.67	482.52	2,482.23	2,396.69	85.54	29.018		
8,900.00	7,235.59	6,735.79	6,555.69	61.01	31.69	73.38	826.06	482.50	2,518.44	2,431.11	87.32	28.841		
9,000.00	7,235.84	6,737.02	6,556.87	63.25	31.69	73.41	826.42	482.49	2,558.04	2,469.02	89.03	28.734		
9,100.00	7,236.09	6,738.16	6,557.95	65.55	31.70	73.44	826.76	482.47	2,600.89	2,510.25	90.65	28.693		
9,200.00	7,236.34	6,739.21	6,558.96	67.89	31.71	73.46	827.06	482.46	2,646.83	2,554.65	92.18	28.714		
9,300.00	7,236.58	6,740.19	6,559.90	70.27	31.71	73.49	827.35	482.45	2,695.69	2,602.07	93.62	28.793		
9,400.00	7,236.83	6,741.10	6,560.77	72.69	31.72	73.51	827.62	482.43	2,747.32	2,652.35	94.98	28.926		
9,500.00	7,237.08	6,741.95	6,561.58	75.14	31.72	73.53	827.87	482.42	2,801.58	2,705.33	96.25	29.108		
9,600.00	7,237.33	6,742.75	6,562.34	77.62	31.72	73.55	828.10	482.42	2,858.30	2,760.87	97.43	29.336		
9,700.00	7,237.58	6,743.49	6,563.06	80.12	31.73	73.57	828.32	482.41	2,917.35	2,818.81	98.54	29.607		
9,800.00	7,237.83	6,744.19	6,563.73	82.65	31.73	73.59	828.52	482.40	2,978.58	2,879.02	99.56	29.917		
9,900.00	7,238.08	6,744.85	6,564.36	85.20	31.74	73.60	828.72	482.39	3,041.87	2,941.36	100.51	30.264		
10,000.00	7,238.32	6,745.48	6,564.95	87.77	31.74	73.62	828.90	482.39	3,107.09	3,005.70	101.39	30.644		
10,100.00	7,238.57	6,746.07	6,565.52	90.36	31.74	73.63	829.07	482.38	3,174.12	3,071.91	102.21	31.055		
10,200.00	7,238.82	6,746.62	6,566.05	92.97	31.74	73.65	829.23	482.38	3,242.85	3,139.89	102.97	31.494		
10,300.00	7,239.07	6,747.15	6,566.55	95.59	31.75	73.66	829.39	482.37	3,313.18	3,209.51	103.66	31.960		
10,400.00	7,239.32	6,747.65	6,567.03	98.22	31.75	73.67	829.53	482.37	3,384.99	3,280.68	104.31	32.451		
10,500.00	7,239.57	6,748.13	6,567.49	100.87	31.75	73.68	829.67	482.37	3,458.21	3,353.30	104.91	32.965		
10,600.00	7,239.82	6,748.58	6,567.92	103.52	31.75	73.69	829.80	482.36	3,532.74	3,427.28	105.46	33.499		
10,700.00	7,240.07	6,749.01	6,568.33	106.19	31.76	73.70	829.93	482.36	3,608.50	3,502.53	105.97	34.053		
10,800.00	7,240.31	6,749.42	6,568.73	108.87	31.76	73.71	830.05	482.36	3,685.41	3,578.98	106.44	34.626		
10,900.00	7,240.56	6,749.82	6,569.10	111.56	31.76	73.72	830.16	482.36	3,763.42	3,656.55	106.87	35.215		
11,000.00	7,240.81	6,750.19	6,569.46	114.25	31.76	73.73	830.27	482.35	3,842.44	3,735.17	107.27	35.820		
11,100.00	7,241.06	6,750.55	6,569.81	116.96	31.76	73.74	830.38	482.35	3,922.42	3,814.78	107.64	36.440		
11,200.00	7,241.31	6,750.89	6,570.13	119.67	31.77	73.75	830.48	482.35	4,003.30	3,895.31	107.98	37.073		
11,300.00	7,241.56	6,751.22	6,570.45	122.39	31.77	73.76	830.58	482.35	4,085.02	3,976.72	108.30	37.719		
11,400.00	7,241.81	6,751.54	6,570.75	125.11	31.77	73.77	830.67	482.34	4,167.54	4,058.95	108.59	38.377		
11,500.00	7,242.06	6,751.84	6,571.04	127.84	31.77	73.77	830.76	482.34	4,250.82	4,141.95	108.87	39.046		
11,600.00	7,242.30	6,752.14	6,571.32	130.58	31.77	73.78	830.84	482.34	4,334.80	4,225.68	109.12	39.726		
11,700.00	7,242.55	6,752.42	6,571.59	133.32	31.77	73.79	830.92	482.34	4,419.44	4,310.09	109.35	40.415		
11,800.00	7,242.80	6,752.69	6,571.85	136.07	31.78	73.79	831.00	482.34	4,504.72	4,395.15	109.57	41.113		
11,900.00	7,243.05	6,752.95	6,572.10	138.82	31.78	73.80	831.08	482.34	4,590.59	4,480.82	109.77	41.820		
12,000.00	7,243.30	6,753.20	6,572.34	141.58	31.78	73.81	831.15	482.34	4,677.02	4,567.07	109.96	42.535		
12,100.00	7,243.55	6,753.44	6,572.57	144.34	31.78	73.81	831.22	482.33	4,763.99	4,653.85	110.13	43.257		
12,200.00	7,243.80	6,753.67	6,572.79	147.10	31.78	73.82	831.29	482.33	4,851.45	4,741.16	110.29	43.986		
12,300.00	7,244.04	6,753.90	6,573.01	149.87	31.78	73.82	831.36	482.33	4,939.39	4,828.95	110.45	44.722		
12,400.00	7,244.29	6,754.12	6,573.22	152.64	31.78	73.83	831.42	482.33	5,027.79	4,917.20	110.59	45.465		
12,500.00	7,244.54	6,754.33	6,573.42	155.41	31.78	73.83	831.48	482.33	5,116.60	5,005.89	110.72	46.213		
12,600.00	7,244.79	6,754.53	6,573.61	158.19	31.79	73.84	831.54	482.33	5,205.83	5,094.99	110.84	46.966		
12,700.00	7,245.04	6,754.73	6,573.80	160.97	31.79	73.84	831.60	482.33	5,295.44	5,184.48	110.96	47.725		
12,800.00	7,245.29	6,754.92	6,573.98	163.75	31.79	73.85	831.65	482.33	5,385.41	5,274.35	111.06	48.489		
12,900.00	7,245.54	6,755.10	6,574.16	166.54	31.79	73.85	831.71	482.33	5,475.74	5,364.57	111.17	49.257		
13,000.00	7,245.79	6,755.28	6,574.33	169.33	31.79	73.86	831.76	482.33	5,566.39	5,455.13	111.26	50.030		
13,100.00	7,246.03	6,755.45	6,574.50	172.12	31.79	73.86	831.81	482.33	5,657.36	5,546.01	111.35	50.806		
13,200.00	7,246.28	6,755.62	6,574.66	174.91	31.79	73.87	831.86	482.33	5,748.63	5,637.20	111.44	51.587		
13,300.00	7,246.53	6,755.79	6,574.81	177.71	31.79	73.87	831.91	482.33	5,840.19	5,728.67	111.52	52.371		
13,400.00	7,246.78	6,755.95	6,574.97	180.50	31.79	73.87	831.95	482.33	5,932.01	5,820.42	111.59	53.159		
13,500.00	7,247.03	6,756.10	6,575.11	183.30	31.79	73.88	832.00	482.32	6,024.10	5,912.44	111.66	53.949		
13,600.00	7,247.28	6,756.25	6,575.26	186.10	31.79	73.88	832.04	482.32	6,116.44	6,004.71	111.73	54.743		
13,700.00	7,247.53	6,756.40	6,575.40	188.91	31.80	73.89	832.08	482.32	6,209.01	6,097.22	111.79	55.540		
13,800.00	7,247.77	6,756.54	6,575.53	191.71	31.80	73.89	832.13	482.32	6,301.81	6,189.96	111.86	56.339		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 226-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	6,756.68	6,575.66	194.52	31.80	73.89	832.17	482.32	6,394.83	6,282.92	111.91	57.141		
14,000.00	7,248.27	6,756.81	6,575.79	197.32	31.80	73.90	832.20	482.32	6,488.06	6,376.09	111.97	57.945		
14,100.00	7,248.52	6,756.94	6,575.92	200.13	31.80	73.90	832.24	482.32	6,581.48	6,469.46	112.02	58.752		
14,200.00	7,248.77	6,757.07	6,576.04	202.94	31.80	73.90	832.28	482.32	6,675.10	6,563.02	112.07	59.560		
14,300.00	7,249.02	6,757.19	6,576.16	205.76	31.80	73.91	832.32	482.32	6,768.89	6,656.77	112.12	60.371		
14,400.00	7,249.27	6,757.31	6,576.27	208.57	31.80	73.91	832.35	482.32	6,862.87	6,750.70	112.17	61.183		
14,500.00	7,249.52	6,757.43	6,576.39	211.38	31.80	73.91	832.39	482.32	6,957.01	6,844.79	112.21	61.997		
14,600.00	7,249.76	6,757.55	6,576.50	214.20	31.80	73.91	832.42	482.32	7,051.31	6,939.05	112.26	62.813		
14,700.00	7,250.01	6,757.66	6,576.61	217.02	31.80	73.92	832.45	482.32	7,145.77	7,033.47	112.30	63.630		
14,800.00	7,250.26	6,757.77	6,576.71	219.84	31.80	73.92	832.48	482.32	7,240.37	7,128.03	112.34	64.449		
14,900.00	7,250.51	6,757.88	6,576.81	222.65	31.80	73.92	832.52	482.32	7,335.12	7,222.74	112.38	65.269		
15,000.00	7,250.76	6,757.98	6,576.91	225.48	31.80	73.92	832.55	482.32	7,430.01	7,317.59	112.42	66.090		
15,100.00	7,251.01	6,758.08	6,577.01	228.30	31.80	73.93	832.58	482.32	7,525.03	7,412.57	112.46	66.913		
15,200.00	7,251.26	6,758.18	6,577.11	231.12	31.80	73.93	832.60	482.32	7,620.17	7,507.68	112.50	67.736		
15,300.00	7,251.50	6,758.28	6,577.20	233.94	31.81	73.93	832.63	482.32	7,715.44	7,602.91	112.53	68.561		
15,400.00	7,251.75	6,758.38	6,577.29	236.77	31.81	73.93	832.66	482.32	7,810.83	7,698.26	112.57	69.386		
15,500.00	7,252.00	6,758.47	6,577.38	239.59	31.81	73.94	832.69	482.32	7,906.33	7,793.73	112.61	70.212		
15,600.00	7,252.25	6,758.56	6,577.47	242.42	31.81	73.94	832.71	482.32	8,001.94	7,889.30	112.64	71.039		
15,700.00	7,252.50	6,758.65	6,577.55	245.24	31.81	73.94	832.74	482.32	8,097.66	7,984.99	112.68	71.867		
15,800.00	7,252.75	6,758.74	6,577.64	248.07	31.81	73.94	832.77	482.32	8,193.48	8,080.77	112.71	72.696		
15,900.00	7,253.00	6,758.82	6,577.72	250.90	31.81	73.95	832.79	482.32	8,289.40	8,176.66	112.74	73.525		
16,000.00	7,253.25	6,758.91	6,577.80	253.73	31.81	73.95	832.82	482.32	8,385.41	8,272.64	112.78	74.354		
16,100.00	7,253.49	6,758.99	6,577.88	256.56	31.81	73.95	832.84	482.32	8,481.52	8,368.71	112.81	75.184		
16,200.00	7,253.74	6,759.07	6,577.95	259.39	31.81	73.95	832.86	482.32	8,577.71	8,464.87	112.84	76.015		
16,300.00	7,253.99	6,759.15	6,578.03	262.22	31.81	73.95	832.89	482.32	8,674.00	8,561.12	112.88	76.845		
16,400.00	7,254.24	6,759.22	6,578.10	265.05	31.81	73.96	832.91	482.32	8,770.36	8,657.45	112.91	77.676		
16,500.00	7,254.49	6,759.30	6,578.17	267.88	31.81	73.96	832.93	482.32	8,866.80	8,753.86	112.94	78.508		
16,600.00	7,254.74	6,759.37	6,578.24	270.72	31.81	73.96	832.95	482.32	8,963.33	8,850.35	112.97	79.339		
16,700.00	7,254.99	6,759.44	6,578.31	273.55	31.81	73.96	832.97	482.32	9,059.93	8,946.92	113.01	80.171		
16,800.00	7,255.24	6,759.52	6,578.38	276.38	31.81	73.96	832.99	482.32	9,156.60	9,043.56	113.04	81.003		
16,900.00	7,255.48	6,759.59	6,578.45	279.22	31.81	73.96	833.01	482.32	9,253.34	9,140.27	113.07	81.835		
17,000.00	7,255.73	6,759.65	6,578.51	282.05	31.81	73.97	833.03	482.32	9,350.15	9,237.04	113.11	82.667		
17,100.00	7,255.98	6,759.72	6,578.58	284.89	31.81	73.97	833.05	482.32	9,447.03	9,333.89	113.14	83.499		
17,200.00	7,256.23	6,759.79	6,578.64	287.73	31.81	73.97	833.07	482.32	9,543.97	9,430.79	113.17	84.331		
17,300.00	7,256.48	6,759.85	6,578.70	290.56	31.81	73.97	833.09	482.32	9,640.97	9,527.76	113.21	85.163		
17,400.00	7,256.73	6,759.91	6,578.76	293.40	31.81	73.97	833.11	482.32	9,738.04	9,624.79	113.24	85.994		
17,500.00	7,256.98	6,759.98	6,578.82	296.24	31.81	73.97	833.13	482.32	9,835.16	9,721.88	113.27	86.826		
17,600.00	7,257.22	6,760.04	6,578.88	299.07	31.81	73.98	833.15	482.32	9,932.34	9,819.03	113.31	87.657		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	129.75	-422.59	508.09	660.95					
100.00	100.00	95.77	95.77	3.28	3.29	129.69	-421.76	508.14	660.41	653.83	6.57	100.489		
200.00	200.00	203.31	203.26	3.34	3.31	129.49	-418.86	508.31	658.81	652.16	6.65	99.073		
300.00	300.00	298.90	298.78	3.44	3.38	129.23	-415.32	508.68	656.77	649.94	6.82	96.237		
400.00	399.98	388.43	388.30	3.60	3.49	-7.33	-413.65	509.18	654.30	647.21	7.09	92.317		
500.00	499.84	477.78	477.64	3.79	3.64	-7.34	-414.65	509.44	650.03	642.61	7.43	87.520		
600.00	599.45	575.91	575.74	4.03	3.83	-7.41	-416.39	510.65	643.46	635.60	7.86	81.879		
700.00	698.70	670.83	670.62	4.30	4.06	-7.75	-416.17	513.49	633.56	625.20	8.36	75.815		
800.00	797.47	762.35	761.96	4.60	4.31	-8.41	-414.28	518.83	621.33	612.43	8.91	69.757		
900.00	895.62	852.67	851.84	4.94	4.58	-9.44	-410.62	526.93	607.07	597.56	9.51	63.863		
1,000.00	993.06	947.61	946.09	5.32	4.88	-10.82	-405.93	537.30	590.69	580.53	10.16	58.131		
1,100.00	1,089.64	1,046.71	1,044.59	5.73	5.21	-12.32	-402.04	547.36	571.24	560.37	10.87	52.565		
1,131.50	1,119.87	1,079.50	1,077.23	5.87	5.33	-12.82	-401.01	550.37	564.38	553.27	11.11	50.820		
1,200.00	1,185.51	1,156.18	1,153.64	6.18	5.60	-13.92	-398.56	556.30	548.39	536.75	11.64	47.131		
1,300.00	1,281.33	1,262.97	1,260.25	6.65	5.99	-15.34	-395.83	561.75	523.49	511.08	12.41	42.181		
1,400.00	1,377.14	1,376.40	1,373.65	7.13	6.40	-16.67	-393.80	562.97	495.85	482.65	13.21	37.546		
1,500.00	1,472.96	1,476.89	1,474.11	7.63	6.76	-17.62	-393.40	560.60	466.24	452.27	13.97	33.363		
1,600.00	1,568.78	1,569.46	1,566.63	8.14	7.09	-18.44	-394.04	557.57	436.50	421.76	14.75	29.601		
1,700.00	1,664.60	1,659.72	1,656.87	8.66	7.43	-19.47	-394.44	556.03	408.05	392.52	15.54	26.260		
1,800.00	1,760.41	1,754.41	1,751.56	9.19	7.78	-20.85	-394.41	555.40	380.48	364.12	16.36	23.260		
1,900.00	1,856.23	1,851.13	1,848.27	9.73	8.16	-22.61	-393.62	555.12	353.14	335.95	17.20	20.535		
2,000.00	1,952.05	1,951.04	1,948.14	10.27	8.56	-25.05	-390.81	554.56	325.18	307.13	18.05	18.011		
2,100.00	2,047.86	2,047.54	2,044.51	10.81	8.94	-28.24	-386.00	554.01	297.14	278.20	18.94	15.687		
2,200.00	2,143.68	2,144.62	2,141.30	11.36	9.34	-32.68	-378.40	553.37	269.30	249.43	19.87	13.555		
2,300.00	2,239.50	2,238.96	2,235.11	11.92	9.72	-38.48	-368.53	552.51	242.60	221.74	20.86	11.628		
2,400.00	2,335.32	2,330.50	2,325.79	12.47	10.10	-46.04	-356.05	552.14	219.25	197.30	21.96	9.985		
2,500.00	2,431.13	2,421.83	2,416.00	13.03	10.48	-55.44	-341.78	551.89	201.26	178.14	23.12	8.704		
2,600.00	2,526.95	2,511.92	2,504.68	13.59	10.85	-66.39	-325.94	551.51	190.88	166.60	24.29	7.860		
2,655.11	2,579.75	2,561.00	2,552.82	13.90	11.06	-72.90	-316.41	551.11	189.26	164.38	24.88	7.608 CC, ES		
2,700.00	2,622.77	2,598.88	2,589.87	14.15	11.21	-78.07	-308.53	550.71	190.47	165.19	25.29	7.533 SF		
2,800.00	2,718.59	2,677.52	2,666.16	14.72	11.55	-88.73	-289.47	550.94	203.76	177.90	25.85	7.882		
2,900.00	2,814.40	2,753.69	2,739.00	15.29	11.88	-98.19	-267.29	552.17	230.80	204.73	26.06	8.855		
3,000.00	2,910.22	2,825.46	2,806.46	15.85	12.20	-105.89	-242.83	553.48	269.21	243.16	26.05	10.336		
3,100.00	3,006.04	2,895.04	2,870.54	16.42	12.51	-112.20	-215.75	554.24	316.61	290.60	26.01	12.173		
3,200.00	3,101.85	2,967.59	2,936.47	16.99	12.85	-117.48	-185.47	554.91	369.91	343.70	26.21	14.113		
3,300.00	3,197.67	3,057.58	3,018.48	17.56	13.28	-122.71	-148.46	554.27	424.90	397.81	27.09	15.685		
3,400.00	3,293.49	3,147.94	3,101.70	18.14	13.72	-126.85	-113.30	552.61	479.57	451.58	27.98	17.137		
3,500.00	3,389.31	3,223.44	3,171.41	18.71	14.10	-129.66	-84.34	550.95	534.93	506.45	28.49	18.778		
3,600.00	3,485.12	3,322.67	3,263.42	19.28	14.59	-132.66	-47.25	548.67	590.41	560.77	29.64	19.921		
3,700.00	3,580.94	3,419.35	3,354.14	19.86	15.07	-135.02	-13.90	546.66	643.95	613.26	30.69	20.981		
3,800.00	3,676.76	3,521.19	3,450.53	20.43	15.58	-137.05	18.90	545.01	695.97	664.14	31.83	21.862		
3,900.00	3,772.58	3,622.01	3,546.62	21.01	16.08	-138.48	49.35	546.55	746.30	713.36	32.94	22.657		
4,000.00	3,868.39	3,686.57	3,607.94	21.58	16.40	-139.16	69.39	549.03	797.29	763.94	33.35	23.907		
4,100.00	3,964.21	3,750.77	3,668.47	22.16	16.73	-139.76	90.63	551.57	850.30	816.54	33.77	25.182		
4,200.00	4,060.03	3,810.41	3,724.26	22.74	17.04	-140.31	111.67	553.02	905.52	871.42	34.10	26.555		
4,300.00	4,155.85	3,862.92	3,772.86	23.32	17.32	-140.81	131.52	553.39	963.24	928.94	34.30	28.084		
4,400.00	4,251.66	3,914.43	3,820.00	23.89	17.59	-141.31	152.29	552.91	1,023.44	988.95	34.49	29.675		
4,500.00	4,347.48	3,965.17	3,865.91	24.47	17.87	-141.80	173.84	551.63	1,085.79	1,051.12	34.68	31.312		
4,600.00	4,443.30	4,011.70	3,907.53	25.05	18.13	-142.25	194.55	549.81	1,150.21	1,115.42	34.79	33.057		
4,700.00	4,539.11	4,055.16	3,945.90	25.63	18.37	-142.65	214.86	547.67	1,216.69	1,181.82	34.87	34.896		
4,800.00	4,634.93	4,103.29	3,987.83	26.21	18.65	-143.09	238.32	544.89	1,285.00	1,249.93	35.06	36.649		
4,900.00	4,730.75	4,155.29	4,032.75	26.79	18.96	-143.52	264.33	541.73	1,354.51	1,319.15	35.36	38.301		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 229-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.00	4,826.57	4,247.14	4,111.95	27.37	19.50	-144.19	310.55	536.53	1,424.33	1,387.80	36.53	38.993		
5,100.00	4,922.38	4,599.29	4,433.02	27.95	21.50	-146.31	453.03	521.88	1,484.24	1,442.00	42.24	35.142		
5,200.00	5,018.20	4,737.37	4,564.38	28.53	22.23	-147.06	495.30	517.34	1,537.24	1,493.39	43.85	35.057		
5,300.00	5,114.02	4,826.33	4,649.49	29.11	22.69	-147.49	521.11	515.21	1,588.75	1,544.00	44.75	35.506		
5,400.00	5,209.84	4,912.73	4,732.19	29.69	23.14	-147.88	545.99	513.03	1,640.15	1,594.54	45.61	35.963		
5,500.00	5,305.65	4,999.32	4,815.09	30.27	23.60	-148.24	570.95	511.19	1,691.53	1,645.06	46.47	36.399		
5,600.00	5,401.47	5,082.24	4,894.43	30.86	24.03	-148.53	595.05	510.16	1,742.97	1,695.68	47.29	36.855		
5,700.00	5,497.29	5,138.97	4,948.55	31.44	24.33	-148.68	612.05	510.29	1,795.00	1,747.23	47.77	37.579		
5,800.00	5,593.10	5,181.77	4,989.03	32.02	24.56	-148.78	625.93	510.70	1,848.88	1,800.84	48.04	38.487		
5,900.00	5,688.92	5,229.17	5,033.47	32.60	24.82	-148.85	642.39	511.38	1,904.58	1,856.21	48.37	39.372		
6,000.00	5,784.74	5,281.99	5,082.70	33.18	25.11	-148.93	661.53	512.15	1,961.63	1,912.84	48.79	40.208		
6,100.00	5,880.56	5,349.77	5,145.53	33.76	25.50	-149.02	686.90	513.12	2,019.68	1,970.25	49.43	40.859		
6,200.00	5,976.37	5,417.54	5,202.17	34.35	25.89	-149.16	712.26	514.19	2,077.05	2,022.44	50.17	41.520		
6,300.00	6,072.19	5,493.64	5,273.46	34.93	26.85	-149.35	733.49	516.18	2,132.47	2,080.18	52.29	40.781		
6,400.00	6,168.01	5,578.79	5,348.12	35.51	27.48	-149.49	751.52	518.41	2,186.60	2,133.01	53.58	40.807		
6,500.00	6,263.83	5,664.00	5,423.20	36.09	27.79	-149.57	769.20	519.28	2,240.72	2,186.63	54.09	41.426		
6,600.00	6,359.64	5,749.24	5,498.86	36.68	28.11	-149.65	786.49	519.77	2,295.82	2,241.21	54.61	42.043		
6,700.00	6,455.46	5,834.47	5,574.17	37.26	28.40	-149.72	803.19	519.95	2,352.29	2,297.24	55.05	42.731		
6,733.48	6,487.54	5,905.35	5,666.90	37.45	28.56	-149.76	818.49	519.92	2,371.34	2,315.98	55.35	42.841		
6,750.00	6,503.41	5,919.50	5,680.13	37.55	28.64	-154.67	833.51	519.87	2,380.69	2,325.19	55.50	42.895		
6,800.00	6,551.83	5,962.74	5,720.58	37.82	28.89	-172.51	858.79	519.58	2,408.46	2,352.51	55.94	43.051		
6,850.00	6,600.62	5,991.36	5,747.33	38.05	29.05	165.45	908.97	519.32	2,435.43	2,379.26	56.17	43.358		
6,900.00	6,649.47	6,021.87	5,775.79	38.25	29.22	142.63	919.95	519.02	2,461.54	2,405.13	56.41	43.635		
6,950.00	6,698.08	6,053.26	5,805.02	38.42	29.40	123.49	931.38	518.69	2,486.67	2,430.00	56.66	43.886		
7,000.00	6,746.15	6,094.67	5,843.58	38.57	29.63	109.44	946.48	518.10	2,510.58	2,453.52	57.06	44.001		
7,050.00	6,793.39	6,135.64	5,881.74	38.71	29.87	99.40	961.36	517.30	2,533.12	2,475.67	57.45	44.090		
7,100.00	6,839.50	6,248.21	5,987.17	38.84	30.50	93.01	1,000.72	514.85	2,553.75	2,494.92	58.84	43.405		
7,150.00	6,884.20	6,273.70	6,011.14	38.97	30.64	87.49	1,009.35	514.15	2,572.42	2,513.37	59.05	43.563		
7,200.00	6,927.21	6,305.92	6,041.45	39.11	30.82	83.32	1,020.25	513.02	2,589.68	2,530.30	59.38	43.611		
7,250.00	6,968.28	6,332.00	6,065.97	39.25	30.97	80.00	1,029.07	511.89	2,605.51	2,545.85	59.66	43.672		
7,300.00	7,007.13	6,354.39	6,086.99	39.41	31.09	77.31	1,036.72	510.87	2,619.98	2,560.05	59.93	43.717		
7,350.00	7,043.55	6,372.19	6,103.65	39.58	31.19	75.08	1,042.92	510.09	2,633.13	2,572.95	60.19	43.750		
7,400.00	7,077.29	6,388.64	6,119.02	39.77	31.29	73.27	1,048.74	509.39	2,644.94	2,584.47	60.47	43.736		
7,450.00	7,108.16	6,403.66	6,133.02	39.98	31.37	71.78	1,054.14	508.78	2,655.41	2,594.60	60.81	43.671		
7,500.00	7,135.96	6,433.00	6,160.30	40.22	31.54	70.88	1,064.89	507.64	2,664.60	2,603.20	61.40	43.395		
7,550.00	7,160.53	6,433.00	6,160.30	40.49	31.54	69.68	1,064.89	507.64	2,672.27	2,610.61	61.67	43.334		
7,600.00	7,181.70	6,433.00	6,160.30	40.79	31.54	68.71	1,064.89	507.64	2,678.68	2,616.68	62.01	43.201		
7,650.00	7,199.35	6,452.17	6,178.07	41.13	31.65	68.34	1,072.04	506.94	2,683.70	2,621.01	62.69	42.806		
7,700.00	7,213.38	6,461.07	6,186.32	41.51	31.70	67.95	1,075.38	506.63	2,687.39	2,624.08	63.32	42.444		
7,750.00	7,223.68	6,467.88	6,192.61	41.93	31.74	67.72	1,077.95	506.40	2,689.75	2,625.77	63.98	42.039		
7,800.00	7,230.21	6,472.58	6,196.96	42.38	31.77	67.61	1,079.73	506.24	2,690.78	2,626.09	64.69	41.596		
7,850.00	7,232.92	6,475.18	6,199.36	42.87	31.78	67.64	1,080.71	506.15	2,690.51	2,625.08	65.43	41.123		
7,858.69	7,233.00	6,475.41	6,199.58	42.95	31.79	67.65	1,080.80	506.14	2,690.32	2,624.77	65.56	41.038		
7,900.00	7,233.10	6,476.38	6,200.48	43.38	31.79	67.67	1,081.17	506.11	2,689.69	2,623.50	66.19	40.633		
7,920.75	7,233.15	6,476.87	6,200.93	43.62	31.79	67.69	1,081.35	506.09	2,689.61	2,623.07	66.54	40.422		
8,000.00	7,233.35	6,478.71	6,202.63	44.56	31.80	67.72	1,082.05	506.03	2,690.78	2,622.93	67.85	39.659		
8,100.00	7,233.60	6,481.01	6,204.76	45.91	31.82	67.77	1,082.93	505.96	2,695.57	2,625.94	69.63	38.713		
8,200.00	7,233.85	6,483.28	6,206.86	47.41	31.83	67.82	1,083.79	505.88	2,704.06	2,632.55	71.50	37.817		
8,300.00	7,234.10	6,485.53	6,208.93	49.05	31.84	67.87	1,084.65	505.81	2,716.19	2,642.75	73.45	36.981		
8,400.00	7,234.35	6,487.74	6,210.98	50.81	31.86	67.92	1,085.49	505.74	2,731.94	2,656.51	75.43	36.217		
8,500.00	7,234.59	6,489.94	6,213.00	52.68	31.87	67.96	1,086.33	505.67	2,751.23	2,673.79	77.43	35.530		
8,600.00	7,234.84	6,492.10	6,215.00	54.65	31.88	68.01	1,087.15	505.60	2,773.99	2,694.55	79.44	34.921		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 229-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,235.09	6,494.24	6,216.98	56.70	31.90	68.06	1,087.97	505.53	2,800.13	2,718.71	81.42	34.392		
8,800.00	7,235.34	6,496.35	6,218.93	58.82	31.91	68.10	1,088.78	505.47	2,829.57	2,746.20	83.37	33.941		
8,900.00	7,235.59	6,498.44	6,220.86	61.01	31.92	68.14	1,089.58	505.40	2,862.20	2,776.92	85.27	33.565		
9,000.00	7,235.84	6,500.50	6,222.76	63.25	31.93	68.19	1,090.38	505.34	2,897.91	2,810.78	87.12	33.262		
9,100.00	7,236.09	6,502.54	6,224.65	65.55	31.94	68.23	1,091.16	505.27	2,936.58	2,847.67	88.91	33.028		
9,200.00	7,236.34	6,504.56	6,226.51	67.89	31.96	68.27	1,091.93	505.21	2,978.12	2,887.48	90.64	32.858		
9,300.00	7,236.58	6,506.55	6,228.34	70.27	31.97	68.32	1,092.70	505.15	3,022.39	2,930.10	92.29	32.750		
9,400.00	7,236.83	6,508.53	6,230.16	72.69	31.98	68.36	1,093.46	505.09	3,069.28	2,975.41	93.87	32.699		
9,500.00	7,237.08	6,510.47	6,231.96	75.14	31.99	68.40	1,094.21	505.03	3,118.67	3,023.30	95.37	32.701		
9,600.00	7,237.33	6,512.00	6,233.72	77.62	32.00	68.43	1,100.23	504.58	3,170.49	3,073.49	97.00	32.685		
9,700.00	7,237.58	6,513.50	6,235.47	80.12	32.01	68.46	1,100.23	504.58	3,224.52	3,126.19	98.33	32.794		
9,800.00	7,237.83	6,515.00	6,237.22	82.65	32.02	68.49	1,100.23	504.58	3,280.71	3,181.13	99.58	32.944		
9,900.00	7,238.08	6,516.50	6,238.97	85.20	32.03	68.52	1,100.23	504.58	3,338.95	3,238.18	100.77	33.135		
10,000.00	7,238.32	6,518.00	6,240.72	87.77	32.04	68.55	1,100.23	504.58	3,399.13	3,297.25	101.89	33.362		
10,100.00	7,238.57	6,519.50	6,242.47	90.36	32.05	68.58	1,100.23	504.58	3,461.16	3,358.22	102.94	33.624		
10,200.00	7,238.82	6,521.00	6,244.22	92.97	32.06	68.61	1,100.23	504.58	3,524.93	3,421.00	103.93	33.918		
10,300.00	7,239.07	6,522.50	6,245.97	95.59	32.07	68.64	1,100.23	504.58	3,590.35	3,485.50	104.86	34.241		
10,400.00	7,239.32	6,524.00	6,247.72	98.22	32.08	68.67	1,103.16	504.37	3,657.34	3,551.50	105.84	34.555		
10,500.00	7,239.57	6,525.50	6,249.47	100.87	32.09	68.70	1,107.62	504.06	3,725.80	3,618.97	106.83	34.876		
10,600.00	7,239.82	6,527.00	6,251.22	103.52	32.10	68.73	1,111.64	503.79	3,795.65	3,687.90	107.75	35.225		
10,700.00	7,240.07	6,528.50	6,252.97	106.19	32.11	68.76	1,115.29	503.55	3,866.82	3,758.20	108.62	35.601		
10,800.00	7,240.31	6,530.00	6,254.72	108.87	32.12	68.79	1,118.62	503.35	3,939.23	3,829.81	109.42	36.001		
10,900.00	7,240.56	6,531.50	6,256.47	111.56	32.13	68.82	1,121.66	503.16	4,012.82	3,902.65	110.17	36.423		
11,000.00	7,240.81	6,533.00	6,258.22	114.25	32.14	68.85	1,124.46	503.00	4,087.53	3,976.66	110.87	36.866		
11,100.00	7,241.06	6,534.50	6,259.97	116.96	32.15	68.88	1,127.03	502.86	4,163.30	4,051.77	111.53	37.328		
11,200.00	7,241.31	6,536.00	6,261.72	119.67	32.16	68.91	1,129.41	502.73	4,240.07	4,127.92	112.15	37.808		
11,300.00	7,241.56	6,537.50	6,263.47	122.39	32.17	68.94	1,131.61	502.62	4,317.79	4,205.06	112.72	38.304		
11,400.00	7,241.81	6,539.00	6,265.22	125.11	32.18	68.97	1,133.66	502.52	4,396.40	4,283.14	113.26	38.816		
11,500.00	7,242.06	6,540.50	6,266.97	127.84	32.19	69.00	1,135.57	502.42	4,475.87	4,362.10	113.77	39.342		
11,600.00	7,242.30	6,542.00	6,268.72	130.58	32.20	69.03	1,137.35	502.34	4,556.14	4,441.89	114.24	39.881		
11,700.00	7,242.55	6,543.50	6,270.47	133.32	32.21	69.06	1,139.02	502.26	4,637.17	4,522.49	114.69	40.433		
11,800.00	7,242.80	6,545.00	6,272.22	136.07	32.22	69.09	1,140.59	502.19	4,718.94	4,603.83	115.11	40.996		
11,900.00	7,243.05	6,546.50	6,273.97	138.82	32.23	69.12	1,128.35	502.86	4,801.38	4,686.22	145.15	33.078		
12,000.00	7,243.30	6,548.00	6,275.72	141.58	32.24	69.15	1,129.32	502.80	4,884.50	4,768.41	146.08	33.436		
12,100.00	7,243.55	6,549.50	6,277.47	144.34	32.25	69.18	1,130.28	502.74	4,968.24	4,851.25	147.00	33.798		
12,200.00	7,243.80	6,551.00	6,279.22	147.10	32.26	69.21	1,138.67	502.29	5,052.57	4,936.31	116.25	43.461		
12,300.00	7,244.04	6,552.50	6,280.97	149.87	32.27	69.24	1,139.11	502.27	5,137.45	5,020.92	116.53	44.085		
12,400.00	7,244.29	6,554.00	6,282.72	152.64	32.28	69.27	1,139.53	502.25	5,222.88	5,106.08	116.80	44.717		
12,500.00	7,244.54	6,555.50	6,284.47	155.41	32.29	69.30	1,139.94	502.23	5,308.81	5,191.76	117.05	45.356		
12,600.00	7,244.79	6,557.00	6,286.22	158.19	32.30	69.33	1,140.34	502.22	5,395.22	5,277.94	117.28	46.001		
12,700.00	7,245.04	6,558.50	6,287.97	160.97	32.31	69.36	1,140.72	502.21	5,482.10	5,364.59	117.51	46.653		
12,800.00	7,245.29	6,560.00	6,289.72	163.75	32.32	69.39	1,141.09	502.19	5,569.41	5,451.69	117.72	47.311		
12,900.00	7,245.54	6,561.50	6,291.47	166.54	32.33	69.42	1,141.45	502.18	5,657.15	5,539.23	117.92	47.975		
13,000.00	7,245.79	6,563.00	6,293.22	169.33	32.34	69.45	1,141.80	502.17	5,745.28	5,627.17	118.11	48.644		
13,100.00	7,246.03	6,564.50	6,294.97	172.12	32.35	69.48	1,142.14	502.15	5,833.80	5,715.51	118.29	49.318		
13,200.00	7,246.28	6,566.00	6,296.72	174.91	32.36	69.51	1,142.47	502.14	5,922.69	5,804.22	118.46	49.997		
13,300.00	7,246.53	6,567.50	6,298.47	177.71	32.37	69.54	1,142.78	502.13	6,011.92	5,893.29	118.62	50.681		
13,400.00	7,246.78	6,569.00	6,299.97	180.50	32.38	69.57	1,143.09	502.12	6,101.48	5,982.71	118.78	51.369		
13,500.00	7,247.03	6,570.50	6,301.47	183.30	32.39	69.60	1,143.39	502.11	6,191.37	6,072.44	118.93	52.061		
13,600.00	7,247.28	6,572.00	6,302.97	186.10	32.40	69.63	1,143.68	502.10	6,281.56	6,162.50	119.07	52.757		
13,700.00	7,247.53	6,573.50	6,304.47	188.91	32.41	69.66	1,143.96	502.09	6,372.05	6,252.84	119.20	53.457		
13,800.00	7,247.77	6,575.00	6,305.97	191.71	32.42	69.69	1,144.23	502.09	6,462.81	6,343.48	119.33	54.160		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 229-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	6,646.42	6,358.21	194.52	32.77	71.29	1,144.50	502.08	6,553.84	6,434.39	119.45	54.866		
14,000.00	7,248.27	6,647.16	6,358.91	197.32	32.77	71.31	1,144.76	502.07	6,645.13	6,525.56	119.57	55.576		
14,100.00	7,248.52	6,647.88	6,359.59	200.13	32.78	71.32	1,145.01	502.06	6,736.67	6,616.99	119.68	56.289		
14,200.00	7,248.77	6,648.59	6,360.24	202.94	32.78	71.34	1,145.25	502.06	6,828.45	6,708.66	119.79	57.004		
14,300.00	7,249.02	6,649.27	6,360.88	205.76	32.79	71.35	1,145.49	502.05	6,920.45	6,800.56	119.89	57.722		
14,400.00	7,249.27	6,649.94	6,361.51	208.57	32.79	71.37	1,145.72	502.04	7,012.67	6,892.68	119.99	58.443		
14,500.00	7,249.52	6,650.59	6,362.12	211.38	32.79	71.38	1,145.95	502.04	7,105.10	6,985.01	120.09	59.166		
14,600.00	7,249.76	6,651.22	6,362.71	214.20	32.80	71.39	1,146.17	502.03	7,197.74	7,077.56	120.18	59.892		
14,700.00	7,250.01	6,651.84	6,363.29	217.02	32.80	71.41	1,146.39	502.02	7,290.56	7,170.30	120.27	60.620		
14,800.00	7,250.26	6,652.44	6,363.86	219.84	32.80	71.42	1,146.60	502.02	7,383.58	7,263.23	120.35	61.349		
14,900.00	7,250.51	6,653.03	6,364.41	222.65	32.81	71.43	1,146.80	502.01	7,476.78	7,356.34	120.44	62.081		
15,000.00	7,250.76	6,653.61	6,364.95	225.48	32.81	71.45	1,147.00	502.01	7,570.15	7,449.63	120.52	62.815		
15,100.00	7,251.01	6,654.17	6,365.48	228.30	32.81	71.46	1,147.19	502.00	7,663.68	7,543.09	120.59	63.550		
15,200.00	7,251.26	6,654.72	6,365.99	231.12	32.82	71.47	1,147.39	502.00	7,757.38	7,636.71	120.67	64.287		
15,300.00	7,251.50	6,655.25	6,366.49	233.94	32.82	71.48	1,147.57	502.00	7,851.23	7,730.49	120.74	65.025		
15,400.00	7,251.75	6,655.78	6,366.99	236.77	32.82	71.49	1,147.75	501.99	7,945.24	7,824.42	120.81	65.765		
15,500.00	7,252.00	6,656.29	6,367.47	239.59	32.83	71.50	1,147.93	501.99	8,039.38	7,918.50	120.88	66.507		
15,600.00	7,252.25	6,656.79	6,367.94	242.42	32.83	71.51	1,148.10	501.98	8,133.67	8,012.72	120.95	67.249		
15,700.00	7,252.50	6,657.28	6,368.40	245.24	32.83	71.52	1,148.27	501.98	8,228.09	8,107.08	121.01	67.993		
15,800.00	7,252.75	6,657.76	6,368.85	248.07	32.83	71.53	1,148.44	501.98	8,322.65	8,201.57	121.08	68.738		
15,900.00	7,253.00	6,658.23	6,369.29	250.90	32.84	71.54	1,148.60	501.97	8,417.33	8,296.19	121.14	69.485		
16,000.00	7,253.25	6,658.69	6,369.72	253.73	32.84	71.55	1,148.76	501.97	8,512.13	8,390.92	121.20	70.232		
16,100.00	7,253.49	6,659.14	6,370.14	256.56	32.84	71.56	1,148.92	501.96	8,607.04	8,485.78	121.26	70.980		
16,200.00	7,253.74	6,659.58	6,370.55	259.39	32.84	71.57	1,149.07	501.96	8,702.07	8,580.76	121.32	71.729		
16,300.00	7,253.99	6,660.01	6,370.96	262.22	32.85	71.58	1,149.22	501.96	8,797.22	8,675.84	121.38	72.479		
16,400.00	7,254.24	6,660.43	6,371.35	265.05	32.85	71.59	1,149.37	501.96	8,892.46	8,771.03	121.43	73.230		
16,500.00	7,254.49	6,660.85	6,371.74	267.88	32.85	71.60	1,149.51	501.95	8,987.82	8,866.33	121.49	73.981		
16,600.00	7,254.74	6,661.25	6,372.12	270.72	32.85	71.61	1,149.65	501.95	9,083.27	8,961.72	121.54	74.733		
16,700.00	7,254.99	6,661.65	6,372.49	273.55	32.86	71.62	1,149.79	501.95	9,178.81	9,057.22	121.60	75.486		
16,800.00	7,255.24	6,662.04	6,372.86	276.38	32.86	71.62	1,149.92	501.94	9,274.46	9,152.81	121.65	76.239		
16,900.00	7,255.48	6,662.42	6,373.22	279.22	32.86	71.63	1,150.05	501.94	9,370.19	9,248.49	121.70	76.993		
17,000.00	7,255.73	6,662.80	6,373.57	282.05	32.86	71.64	1,150.18	501.94	9,466.01	9,344.26	121.75	77.748		
17,100.00	7,255.98	6,663.17	6,373.92	284.89	32.86	71.65	1,150.31	501.94	9,561.92	9,440.11	121.80	78.502		
17,200.00	7,256.23	6,663.53	6,374.26	287.73	32.87	71.66	1,150.43	501.93	9,657.91	9,536.05	121.85	79.258		
17,300.00	7,256.48	6,663.88	6,374.59	290.56	32.87	71.66	1,150.56	501.93	9,753.98	9,632.07	121.90	80.013		
17,400.00	7,256.73	6,664.23	6,374.91	293.40	32.87	71.67	1,150.68	501.93	9,850.13	9,728.17	121.95	80.769		
17,500.00	7,256.98	6,664.57	6,375.23	296.24	32.87	71.68	1,150.79	501.93	9,946.35	9,824.35	122.00	81.525		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	30.24	0.28	30.24					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	30.24	0.28	30.24	23.67	6.57	4.603		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	30.24	0.28	30.24	23.56	6.67	4.531		
300.00	300.00	300.00	300.00	3.44	3.44	0.53	30.24	0.28	30.24	23.35	6.89	4.389 CC		
400.00	399.98	400.60	400.58	3.60	3.60	-135.43	29.22	1.72	30.50	23.30	7.20	4.237		
500.00	499.84	501.19	501.03	3.79	3.79	-134.15	26.19	6.06	31.29	23.70	7.59	4.122		
600.00	599.45	601.77	601.21	4.03	4.03	-132.15	21.13	13.29	32.64	24.57	8.07	4.046		
700.00	698.70	702.32	701.00	4.30	4.31	-129.62	14.06	23.38	34.58	25.96	8.61	4.014		
800.00	797.47	802.84	800.26	4.60	4.62	-126.76	4.99	36.33	37.16	27.93	9.23	4.027		
900.00	895.62	903.32	898.87	4.94	4.96	-123.78	-6.07	52.13	40.41	30.50	9.91	4.079		
1,000.00	993.06	1,003.75	996.70	5.32	5.34	-120.82	-19.09	70.73	44.35	33.70	10.65	4.164		
1,100.00	1,089.64	1,103.59	1,093.57	5.73	5.75	-120.10	-32.95	90.51	49.59	38.14	11.45	4.331		
1,131.50	1,119.87	1,135.02	1,124.07	5.87	5.89	-120.59	-37.31	96.74	51.61	39.90	11.71	4.406		
1,200.00	1,185.51	1,203.36	1,190.37	6.18	6.18	-121.92	-46.79	110.28	56.20	43.91	12.29	4.572		
1,300.00	1,281.33	1,303.11	1,287.17	6.65	6.63	-123.52	-60.63	130.05	62.96	49.79	13.17	4.781		
1,400.00	1,377.14	1,402.87	1,383.96	7.13	7.09	-124.80	-74.47	149.82	69.75	55.68	14.07	4.958		
1,500.00	1,472.96	1,502.63	1,480.76	7.63	7.56	-125.86	-88.32	169.59	76.57	61.58	14.99	5.109		
1,600.00	1,568.78	1,602.39	1,577.55	8.14	8.04	-126.75	-102.16	189.36	83.41	67.49	15.92	5.239		
1,700.00	1,664.60	1,702.15	1,674.35	8.66	8.53	-127.50	-116.00	209.13	90.27	73.40	16.87	5.350		
1,800.00	1,760.41	1,801.91	1,771.14	9.19	9.02	-128.14	-129.84	228.90	97.14	79.31	17.84	5.447		
1,900.00	1,856.23	1,901.66	1,867.94	9.73	9.52	-128.70	-143.69	248.67	104.02	85.22	18.81	5.531		
2,000.00	1,952.05	2,001.42	1,964.73	10.27	10.02	-129.19	-157.53	268.44	110.91	91.13	19.79	5.605		
2,100.00	2,047.86	2,101.18	2,061.53	10.81	10.53	-129.62	-171.37	288.21	117.81	97.03	20.78	5.670		
2,200.00	2,143.68	2,200.94	2,158.32	11.36	11.04	-130.01	-185.21	307.98	124.72	102.94	21.77	5.728		
2,300.00	2,239.50	2,300.70	2,255.11	11.92	11.56	-130.35	-199.06	327.74	131.63	108.85	22.77	5.780		
2,400.00	2,335.32	2,400.45	2,351.91	12.47	12.08	-130.66	-212.90	347.51	138.54	114.76	23.78	5.826		
2,500.00	2,431.13	2,500.21	2,448.70	13.03	12.60	-130.94	-226.74	367.28	145.46	120.67	24.79	5.868		
2,600.00	2,526.95	2,599.97	2,545.50	13.59	13.12	-131.20	-240.58	387.05	152.38	126.58	25.80	5.906		
2,700.00	2,622.77	2,700.27	2,642.29	14.15	13.64	-131.43	-254.43	406.82	159.30	132.48	26.82	5.940		
2,800.00	2,718.59	2,799.49	2,739.09	14.72	14.16	-131.64	-268.27	426.59	166.22	138.39	27.84	5.972		
2,900.00	2,814.40	2,900.76	2,835.88	15.29	14.70	-131.84	-282.11	446.36	173.15	144.29	28.87	5.998		
3,000.00	2,910.22	3,001.00	2,932.68	15.85	15.23	-132.02	-295.95	466.13	180.08	150.19	29.89	6.024		
3,100.00	3,006.04	3,098.76	3,029.47	16.42	15.75	-132.19	-309.80	485.90	187.01	156.10	30.91	6.050		
3,200.00	3,101.85	3,201.48	3,126.27	16.99	16.29	-132.34	-323.64	505.67	193.94	161.99	31.95	6.070		
3,300.00	3,197.67	3,298.28	3,223.06	17.56	16.81	-132.49	-337.48	525.44	200.88	167.91	32.97	6.093		
3,400.00	3,293.49	3,401.97	3,319.86	18.14	17.36	-132.62	-351.32	545.21	207.81	173.79	34.02	6.108		
3,500.00	3,389.31	3,502.21	3,416.65	18.71	17.89	-132.75	-365.17	564.97	214.75	179.69	35.06	6.126		
3,600.00	3,485.12	3,597.55	3,513.45	19.28	18.40	-132.87	-379.01	584.74	221.69	185.62	36.07	6.146		
3,700.00	3,580.94	3,702.69	3,610.24	19.86	18.96	-132.98	-392.85	604.51	228.63	191.49	37.13	6.157		
3,800.00	3,676.76	3,802.93	3,707.04	20.43	19.50	-133.09	-406.69	624.28	235.56	197.39	38.17	6.171		
3,900.00	3,772.58	3,896.82	3,803.83	21.01	20.00	-133.19	-420.54	644.05	242.50	203.32	39.18	6.189		
4,000.00	3,868.39	4,003.42	3,900.63	21.58	20.58	-133.28	-434.38	663.82	249.44	209.19	40.25	6.197		
4,100.00	3,964.21	4,103.66	3,997.42	22.16	21.11	-133.37	-448.22	683.59	256.38	215.09	41.30	6.208		
4,200.00	4,060.03	4,203.90	4,094.22	22.74	21.65	-133.45	-462.06	703.36	263.33	220.99	42.34	6.219		
4,300.00	4,155.85	4,304.14	4,191.01	23.32	22.19	-133.53	-475.91	723.13	270.27	226.88	43.38	6.230		
4,400.00	4,251.66	4,395.62	4,287.81	23.89	22.68	-133.61	-489.75	742.90	277.21	232.83	44.38	6.246		
4,500.00	4,347.48	4,504.63	4,384.60	24.47	23.27	-133.68	-503.59	762.67	284.15	238.68	45.48	6.249		
4,600.00	4,443.30	4,595.13	4,481.40	25.05	23.76	-133.75	-517.43	782.44	291.10	244.63	46.47	6.264		
4,700.00	4,539.11	4,705.11	4,578.19	25.63	24.35	-133.81	-531.28	802.20	298.04	250.47	47.57	6.266		
4,800.00	4,634.93	4,805.35	4,674.99	26.21	24.89	-133.87	-545.12	821.97	304.98	256.37	48.62	6.273		
4,900.00	4,730.75	4,894.41	4,771.78	26.79	25.37	-133.93	-558.96	841.74	311.93	262.32	49.61	6.288		
5,000.00	4,826.57	5,005.84	4,868.58	27.37	25.97	-133.99	-572.80	861.51	318.87	268.16	50.71	6.288		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	5,093.92	4,965.37	27.95	26.45	-134.04	-586.65	881.28	325.82	274.12	51.70	6.302		
5,200.00	5,018.20	5,206.32	5,062.16	28.53	27.05	-134.10	-600.49	901.05	332.76	279.95	52.81	6.301		
5,300.00	5,114.02	5,306.56	5,158.96	29.11	27.60	-134.15	-614.33	920.82	339.71	285.85	53.86	6.307		
5,400.00	5,209.84	5,406.80	5,255.75	29.69	28.14	-134.19	-628.17	940.59	346.66	291.75	54.91	6.313		
5,500.00	5,305.65	5,492.95	5,352.55	30.27	28.60	-134.24	-642.02	960.36	353.60	297.72	55.89	6.327		
5,600.00	5,401.47	5,607.29	5,449.34	30.86	29.22	-134.28	-655.86	980.13	360.55	303.54	57.01	6.324		
5,700.00	5,497.29	5,707.53	5,546.14	31.44	29.76	-134.33	-669.70	999.90	367.49	309.43	58.06	6.330		
5,800.00	5,593.10	5,807.77	5,642.93	32.02	30.31	-134.37	-683.54	1,019.66	374.44	315.33	59.11	6.335		
5,900.00	5,688.92	5,908.01	5,739.73	32.60	30.85	-134.41	-697.39	1,039.43	381.39	321.22	60.16	6.339		
6,000.00	5,784.74	6,008.26	5,836.52	33.18	31.39	-134.45	-711.23	1,059.20	388.33	327.12	61.21	6.344		
6,100.00	5,880.56	6,108.50	5,933.32	33.76	31.94	-134.48	-725.07	1,078.97	395.28	333.02	62.27	6.348		
6,200.00	5,976.37	6,208.74	6,030.11	34.35	32.48	-134.52	-738.91	1,098.74	402.23	338.91	63.32	6.352		
6,300.00	6,072.19	6,291.02	6,126.91	34.93	32.92	-134.55	-752.76	1,118.51	409.18	344.90	64.28	6.366		
6,400.00	6,168.01	6,409.22	6,223.70	35.51	33.56	-134.59	-766.60	1,138.28	416.12	350.70	65.42	6.360		
6,500.00	6,263.83	6,509.47	6,320.50	36.09	34.11	-134.62	-780.44	1,158.05	423.07	356.60	66.48	6.364		
6,600.00	6,359.64	6,590.29	6,417.29	36.68	34.55	-134.65	-794.28	1,177.82	430.02	362.59	67.43	6.377		
6,700.00	6,455.46	6,691.04	6,515.23	37.26	35.08	-134.81	-808.30	1,196.80	436.93	368.47	68.46	6.382		
6,733.48	6,487.54	6,725.19	6,548.80	37.45	35.24	-135.19	-813.11	1,200.77	439.15	370.41	68.75	6.388		
6,750.00	6,503.41	6,741.94	6,565.32	37.55	35.32	-139.43	-815.48	1,202.06	440.25	371.37	68.87	6.392		
6,800.00	6,551.83	6,792.32	6,615.16	37.82	35.53	-155.42	-822.65	1,203.26	443.61	374.39	69.22	6.409		
6,850.00	6,600.62	6,842.27	6,664.51	38.05	35.70	-175.82	-829.77	1,200.52	447.04	377.51	69.52	6.430		
6,900.00	6,649.47	6,891.79	6,713.08	38.25	35.86	162.78	-836.80	1,193.96	450.51	380.71	69.80	6.454		
6,950.00	6,698.08	6,940.91	6,760.61	38.42	36.00	144.85	-843.69	1,183.70	454.00	383.93	70.07	6.479		
7,000.00	6,746.15	6,989.64	6,806.84	38.57	36.15	131.70	-850.41	1,169.89	457.48	387.13	70.34	6.504		
7,050.00	6,793.39	7,037.99	6,851.55	38.71	36.30	122.35	-856.93	1,152.70	460.92	390.30	70.63	6.526		
7,100.00	6,839.50	7,086.00	6,894.53	38.84	36.46	115.56	-863.22	1,132.29	464.31	393.38	70.93	6.546		
7,150.00	6,884.20	7,133.67	6,935.59	38.97	36.62	110.45	-869.24	1,108.84	467.61	396.35	71.25	6.562		
7,200.00	6,927.21	7,181.04	6,974.54	39.11	36.80	106.49	-874.97	1,082.54	470.79	399.18	71.61	6.575		
7,250.00	6,968.28	7,228.11	7,011.23	39.25	36.99	103.33	-880.40	1,053.57	473.84	401.84	72.00	6.581		
7,300.00	7,007.13	7,274.91	7,045.50	39.41	37.20	100.76	-885.48	1,022.12	476.72	404.29	72.43	6.582		
7,350.00	7,043.55	7,321.46	7,077.23	39.58	37.44	98.63	-890.21	988.41	479.41	406.50	72.91	6.575		
7,400.00	7,077.29	7,367.78	7,106.30	39.77	37.69	96.85	-894.57	952.62	481.90	408.44	73.46	6.560		
7,450.00	7,108.16	7,413.89	7,132.61	39.98	37.97	95.36	-898.53	914.96	484.15	410.08	74.07	6.537		
7,500.00	7,135.96	7,459.82	7,156.05	40.22	38.28	94.11	-902.10	875.64	486.16	411.40	74.76	6.503		
7,550.00	7,160.53	7,505.58	7,176.56	40.49	38.62	93.07	-905.25	834.87	487.90	412.37	75.53	6.460		
7,600.00	7,181.70	7,551.19	7,194.07	40.79	38.99	92.21	-907.97	792.85	489.35	412.97	76.39	6.406		
7,650.00	7,199.35	7,596.68	7,208.51	41.13	39.40	91.52	-910.25	749.79	490.52	413.18	77.34	6.343		
7,700.00	7,213.38	7,642.06	7,219.86	41.51	39.83	90.98	-912.10	705.89	491.38	413.01	78.37	6.270		
7,750.00	7,223.68	7,687.36	7,228.06	41.93	40.29	90.59	-913.49	661.38	491.93	412.44	79.49	6.188		
7,800.00	7,230.21	7,732.59	7,233.11	42.38	40.78	90.35	-914.43	616.45	492.16	411.48	80.68	6.100		
7,850.00	7,232.92	7,777.77	7,234.99	42.87	41.29	90.24	-914.92	571.32	492.07	410.14	81.93	6.006		
7,858.69	7,233.00	7,786.17	7,235.02	42.95	41.38	90.23	-914.96	562.93	492.02	409.87	82.15	5.989		
7,900.00	7,233.10	7,827.47	7,235.10	43.38	41.89	90.23	-915.17	521.62	491.72	408.49	83.23	5.908		
8,000.00	7,233.35	7,927.47	7,235.32	44.56	43.21	90.23	-915.68	421.62	491.00	404.98	86.03	5.708		
8,100.00	7,233.60	8,027.47	7,235.53	45.91	44.68	90.22	-916.19	321.63	490.28	401.18	89.10	5.503		
8,200.00	7,233.85	8,127.46	7,235.74	47.41	46.29	90.22	-916.70	221.63	489.56	397.13	92.43	5.297		
8,300.00	7,234.10	8,227.46	7,235.96	49.05	48.02	90.22	-917.20	121.64	488.84	392.86	95.98	5.093		
8,400.00	7,234.35	8,327.46	7,236.17	50.81	49.86	90.21	-917.71	21.64	488.12	388.39	99.74	4.894		
8,500.00	7,234.59	8,427.46	7,236.38	52.68	51.80	90.21	-918.22	-78.36	487.40	383.73	103.67	4.702		
8,600.00	7,234.84	8,527.45	7,236.59	54.65	53.83	90.21	-918.73	-178.35	486.68	378.92	107.76	4.516		
8,700.00	7,235.09	8,627.45	7,236.81	56.70	55.93	90.20	-919.24	-278.35	485.96	373.96	112.00	4.339		
8,800.00	7,235.34	8,727.45	7,237.02	58.82	58.10	90.20	-919.74	-378.34	485.24	368.88	116.36	4.170		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,235.59	8,827.45	7,237.23	61.01	60.33	90.19	-920.25	-478.34	484.52	363.68	120.84	4.010		
9,000.00	7,235.84	8,927.44	7,237.45	63.25	62.61	90.19	-920.76	-578.34	483.80	358.38	125.42	3.858		
9,100.00	7,236.09	9,027.44	7,237.66	65.55	64.94	90.19	-921.27	-678.33	483.08	353.00	130.09	3.714		
9,200.00	7,236.34	9,127.44	7,237.87	67.89	67.31	90.18	-921.78	-778.33	482.36	347.53	134.83	3.577		
9,300.00	7,236.58	9,227.44	7,238.09	70.27	69.72	90.18	-922.29	-878.32	481.64	341.99	139.66	3.449		
9,400.00	7,236.83	9,327.43	7,238.30	72.69	72.16	90.17	-922.79	-978.32	480.92	336.38	144.54	3.327		
9,500.00	7,237.08	9,427.43	7,238.51	75.14	74.63	90.17	-923.30	-1,078.31	480.20	330.71	149.49	3.212		
9,600.00	7,237.33	9,527.43	7,238.72	77.62	77.13	90.17	-923.81	-1,178.31	479.48	324.99	154.49	3.104		
9,700.00	7,237.58	9,627.43	7,238.94	80.12	79.65	90.16	-924.32	-1,278.31	478.76	319.22	159.54	3.001		
9,800.00	7,237.83	9,727.42	7,239.15	82.65	82.20	90.16	-924.83	-1,378.30	478.04	313.41	164.63	2.904		
9,900.00	7,238.08	9,827.42	7,239.36	85.20	84.76	90.15	-925.34	-1,478.30	477.32	307.56	169.76	2.812		
10,000.00	7,238.32	9,927.42	7,239.58	87.77	87.35	90.15	-925.84	-1,578.29	476.60	301.67	174.93	2.725		
10,100.00	7,238.57	10,027.42	7,239.79	90.36	89.95	90.15	-926.35	-1,678.29	475.88	295.75	180.13	2.642		
10,200.00	7,238.82	10,127.41	7,240.00	92.97	92.57	90.14	-926.86	-1,778.29	475.16	289.80	185.36	2.563		
10,300.00	7,239.07	10,227.41	7,240.22	95.59	95.20	90.14	-927.37	-1,878.28	474.44	283.82	190.62	2.489		
10,400.00	7,239.32	10,327.41	7,240.43	98.22	97.84	90.13	-927.88	-1,978.28	473.72	277.81	195.91	2.418		
10,500.00	7,239.57	10,427.40	7,240.64	100.87	100.49	90.13	-928.38	-2,078.27	473.00	271.79	201.21	2.351		
10,600.00	7,239.82	10,527.40	7,240.85	103.52	103.16	90.12	-928.89	-2,178.27	472.28	265.73	206.55	2.287		
10,700.00	7,240.07	10,627.40	7,241.07	106.19	105.84	90.12	-929.40	-2,278.27	471.56	259.66	211.90	2.225		
10,800.00	7,240.31	10,727.40	7,241.28	108.87	108.52	90.12	-929.91	-2,378.26	470.84	253.57	217.27	2.167		
10,900.00	7,240.56	10,827.39	7,241.49	111.56	111.22	90.11	-930.42	-2,478.26	470.12	247.47	222.65	2.111		
11,000.00	7,240.81	10,927.39	7,241.71	114.25	113.92	90.11	-930.93	-2,578.25	469.40	241.34	228.06	2.058		
11,100.00	7,241.06	11,027.39	7,241.92	116.96	116.63	90.10	-931.43	-2,678.25	468.68	235.20	233.48	2.007		
11,200.00	7,241.31	11,127.39	7,242.13	119.67	119.35	90.10	-931.94	-2,778.24	467.96	229.05	238.91	1.959		
11,300.00	7,241.56	11,227.38	7,242.35	122.39	122.07	90.10	-932.45	-2,878.24	467.24	222.89	244.35	1.912		
11,400.00	7,241.81	11,327.38	7,242.56	125.11	124.80	90.09	-932.96	-2,978.24	466.52	216.71	249.81	1.867		
11,500.00	7,242.06	11,427.38	7,242.77	127.84	127.53	90.09	-933.47	-3,078.23	465.80	210.52	255.28	1.825		
11,600.00	7,242.30	11,527.38	7,242.98	130.58	130.27	90.08	-933.98	-3,178.23	465.08	204.32	260.76	1.784		
11,700.00	7,242.55	11,627.37	7,243.20	133.32	133.02	90.08	-934.48	-3,278.22	464.36	198.11	266.25	1.744		
11,800.00	7,242.80	11,727.37	7,243.41	136.07	135.77	90.07	-934.99	-3,378.22	463.64	191.89	271.75	1.706		
11,900.00	7,243.05	11,827.37	7,243.62	138.82	138.52	90.07	-935.50	-3,478.22	462.92	185.66	277.26	1.670		
12,000.00	7,243.30	11,927.37	7,243.84	141.58	141.28	90.07	-936.01	-3,578.21	462.20	179.43	282.77	1.635		
12,100.00	7,243.55	12,027.36	7,244.05	144.34	144.05	90.06	-936.52	-3,678.21	461.48	173.18	288.30	1.601		
12,200.00	7,243.80	12,127.36	7,244.26	147.10	146.81	90.06	-937.03	-3,778.20	460.76	166.93	293.83	1.568		
12,300.00	7,244.04	12,227.36	7,244.48	149.87	149.58	90.05	-937.53	-3,878.20	460.04	160.67	299.37	1.537		
12,400.00	7,244.29	12,327.36	7,244.69	152.64	152.36	90.05	-938.04	-3,978.20	459.32	154.40	304.91	1.506		
12,500.00	7,244.54	12,427.35	7,244.90	155.41	155.13	90.04	-938.55	-4,078.19	458.60	148.13	310.47	1.477 Level 3		
12,600.00	7,244.79	12,527.35	7,245.11	158.19	157.91	90.04	-939.06	-4,178.19	457.88	141.86	316.02	1.449 Level 3		
12,700.00	7,245.04	12,627.35	7,245.33	160.97	160.69	90.04	-939.57	-4,278.18	457.16	135.57	321.59	1.422 Level 3		
12,800.00	7,245.29	12,727.35	7,245.54	163.75	163.48	90.03	-940.07	-4,378.18	456.44	129.28	327.16	1.395 Level 3		
12,900.00	7,245.54	12,827.34	7,245.75	166.54	166.26	90.03	-940.58	-4,478.17	455.72	122.99	332.73	1.370 Level 3		
13,000.00	7,245.79	12,927.34	7,245.97	169.33	169.05	90.02	-941.09	-4,578.17	455.00	116.69	338.31	1.345 Level 3		
13,100.00	7,246.03	13,027.34	7,246.18	172.12	171.84	90.02	-941.60	-4,678.17	454.28	110.39	343.89	1.321 Level 3		
13,200.00	7,246.28	13,127.33	7,246.39	174.91	174.64	90.01	-942.11	-4,778.16	453.56	104.08	349.48	1.298 Level 3		
13,300.00	7,246.53	13,227.33	7,246.61	177.71	177.43	90.01	-942.62	-4,878.16	452.84	97.77	355.07	1.275 Level 3		
13,400.00	7,246.78	13,327.33	7,246.82	180.50	180.23	90.00	-943.12	-4,978.15	452.12	91.45	360.67	1.254 Level 3		
13,500.00	7,247.03	13,427.33	7,247.03	183.30	183.03	90.00	-943.63	-5,078.15	451.40	85.13	366.27	1.232 Level 2		
13,600.00	7,247.28	13,527.32	7,247.24	186.10	185.83	89.99	-944.14	-5,178.15	450.68	78.81	371.87	1.212 Level 2		
13,700.00	7,247.53	13,627.32	7,247.46	188.91	188.64	89.99	-944.65	-5,278.14	449.96	72.48	377.47	1.192 Level 2		
13,800.00	7,247.77	13,727.32	7,247.67	191.71	191.44	89.99	-945.16	-5,378.14	449.24	66.15	383.08	1.173 Level 2		
13,900.00	7,248.02	13,827.32	7,247.88	194.52	194.25	89.98	-945.67	-5,478.13	448.52	59.82	388.70	1.154 Level 2		
14,000.00	7,248.27	13,927.31	7,248.10	197.32	197.06	89.98	-946.17	-5,578.13	447.80	53.48	394.31	1.136 Level 2		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	14,027.31	7,248.31	200.13	199.87	89.97	-946.68	-5,678.13	447.08	47.15	399.93	1.118	Level 2	
14,200.00	7,248.77	14,127.31	7,248.52	202.94	202.68	89.97	-947.19	-5,778.12	446.36	40.80	405.55	1.101	Level 2	
14,300.00	7,249.02	14,227.31	7,248.74	205.76	205.49	89.96	-947.70	-5,878.12	445.64	34.46	411.18	1.084	Level 2	
14,400.00	7,249.27	14,327.30	7,248.95	208.57	208.30	89.96	-948.21	-5,978.11	444.92	28.11	416.81	1.067	Level 2	
14,500.00	7,249.52	14,427.30	7,249.16	211.38	211.12	89.95	-948.71	-6,078.11	444.20	21.76	422.44	1.052	Level 2	
14,600.00	7,249.76	14,527.30	7,249.37	214.20	213.93	89.95	-949.22	-6,178.10	443.48	15.41	428.07	1.036	Level 2	
14,700.00	7,250.01	14,627.30	7,249.59	217.02	216.75	89.94	-949.73	-6,278.10	442.76	9.06	433.70	1.021	Level 2	
14,800.00	7,250.26	14,727.29	7,249.80	219.84	219.57	89.94	-950.24	-6,378.10	442.04	2.70	439.34	1.006	Level 2	
14,900.00	7,250.51	14,827.29	7,250.01	222.65	222.39	89.93	-950.75	-6,478.09	441.32	-3.66	444.98	0.992	Level 1	
15,000.00	7,250.76	14,927.29	7,250.23	225.48	225.21	89.93	-951.26	-6,578.09	440.60	-10.02	450.62	0.978	Level 1	
15,100.00	7,251.01	15,027.29	7,250.44	228.30	228.03	89.92	-951.76	-6,678.08	439.88	-16.38	456.26	0.964	Level 1	
15,200.00	7,251.26	15,127.28	7,250.65	231.12	230.85	89.92	-952.27	-6,778.08	439.16	-22.74	461.90	0.951	Level 1	
15,300.00	7,251.50	15,227.28	7,250.87	233.94	233.67	89.92	-952.78	-6,878.08	438.44	-29.11	467.55	0.938	Level 1	
15,400.00	7,251.75	15,327.28	7,251.08	236.77	236.50	89.91	-953.29	-6,978.07	437.72	-35.48	473.20	0.925	Level 1	
15,500.00	7,252.00	15,427.27	7,251.29	239.59	239.32	89.91	-953.80	-7,078.07	437.00	-41.85	478.85	0.913	Level 1	
15,600.00	7,252.25	15,527.27	7,251.50	242.42	242.14	89.90	-954.31	-7,178.06	436.28	-48.22	484.50	0.900	Level 1	
15,700.00	7,252.50	15,627.27	7,251.72	245.24	244.97	89.90	-954.81	-7,278.06	435.56	-54.59	490.15	0.889	Level 1	
15,800.00	7,252.75	15,727.27	7,251.93	248.07	247.80	89.89	-955.32	-7,378.06	434.84	-60.96	495.80	0.877	Level 1	
15,900.00	7,253.00	15,827.26	7,252.14	250.90	250.63	89.89	-955.83	-7,478.05	434.12	-67.34	501.46	0.866	Level 1	
16,000.00	7,253.25	15,927.26	7,252.36	253.73	253.45	89.88	-956.34	-7,578.05	433.40	-73.72	507.12	0.855	Level 1	
16,100.00	7,253.49	16,027.26	7,252.57	256.56	256.28	89.88	-956.85	-7,678.04	432.68	-80.09	512.77	0.844	Level 1	
16,200.00	7,253.74	16,127.26	7,252.78	259.39	259.11	89.87	-957.35	-7,778.04	431.96	-86.47	518.43	0.833	Level 1	
16,300.00	7,253.99	16,227.25	7,253.00	262.22	261.94	89.87	-957.86	-7,878.03	431.24	-92.85	524.09	0.823	Level 1	
16,400.00	7,254.24	16,327.25	7,253.21	265.05	264.77	89.86	-958.37	-7,978.03	430.52	-99.24	529.76	0.813	Level 1	
16,500.00	7,254.49	16,427.25	7,253.42	267.88	267.60	89.86	-958.88	-8,078.03	429.80	-105.62	535.42	0.803	Level 1	
16,600.00	7,254.74	16,527.25	7,253.63	270.72	270.44	89.85	-959.39	-8,178.02	429.08	-112.00	541.08	0.793	Level 1	
16,700.00	7,254.99	16,627.24	7,253.85	273.55	273.27	89.85	-959.90	-8,278.02	428.36	-118.39	546.75	0.783	Level 1	
16,800.00	7,255.24	16,727.24	7,254.06	276.38	276.10	89.84	-960.40	-8,378.01	427.64	-124.78	552.42	0.774	Level 1	
16,900.00	7,255.48	16,827.24	7,254.27	279.22	278.93	89.84	-960.91	-8,478.01	426.92	-131.16	558.08	0.765	Level 1	
17,000.00	7,255.73	16,927.24	7,254.49	282.05	281.77	89.83	-961.42	-8,578.01	426.20	-137.55	563.75	0.756	Level 1	
17,100.00	7,255.98	17,027.23	7,254.70	284.89	284.60	89.83	-961.93	-8,678.00	425.48	-143.94	569.42	0.747	Level 1	
17,200.00	7,256.23	17,127.23	7,254.91	287.73	287.44	89.82	-962.44	-8,778.00	424.76	-150.33	575.09	0.739	Level 1	
17,300.00	7,256.48	17,227.23	7,255.13	290.56	290.27	89.82	-962.95	-8,877.99	424.04	-156.72	580.76	0.730	Level 1	
17,400.00	7,256.73	17,327.23	7,255.34	293.40	293.11	89.81	-963.45	-8,977.99	423.32	-163.12	586.44	0.722	Level 1	
17,500.00	7,256.98	17,427.22	7,255.55	296.24	295.95	89.81	-963.96	-9,077.99	422.60	-169.51	592.11	0.714	Level 1	
17,600.00	7,257.22	17,527.22	7,255.76	299.07	298.78	89.80	-964.47	-9,177.98	421.88	-175.90	597.78	0.706	Level 1	
17,700.00	7,257.47	17,627.22	7,255.98	301.91	301.62	89.80	-964.98	-9,277.98	421.16	-182.30	603.46	0.698	Level 1	
17,800.00	7,257.72	17,727.22	7,256.19	304.75	304.46	89.79	-965.49	-9,377.97	420.44	-188.69	609.14	0.690	Level 1	
17,900.00	7,257.97	17,827.21	7,256.40	307.59	307.29	89.79	-966.00	-9,477.97	419.72	-195.09	614.81	0.683	Level 1	
18,000.00	7,258.22	17,927.21	7,256.62	310.43	310.13	89.78	-966.50	-9,577.96	419.00	-201.49	620.49	0.675	Level 1	
18,100.00	7,258.47	18,027.21	7,256.83	313.27	312.97	89.77	-967.01	-9,677.96	418.28	-207.89	626.17	0.668	Level 1	
18,200.00	7,258.72	18,127.20	7,257.04	316.11	315.81	89.77	-967.52	-9,777.96	417.56	-214.28	631.85	0.661	Level 1	
18,300.00	7,258.97	18,227.20	7,257.26	318.95	318.65	89.76	-968.03	-9,877.95	416.84	-220.68	637.53	0.654	Level 1	
18,400.00	7,259.21	18,327.20	7,257.47	321.79	321.49	89.76	-968.54	-9,977.95	416.12	-227.08	643.21	0.647	Level 1	
18,500.00	7,259.46	18,427.20	7,257.68	324.63	324.33	89.75	-969.04	-10,077.94	415.40	-233.48	648.89	0.640	Level 1	
18,600.00	7,259.71	18,527.19	7,257.89	327.48	327.17	89.75	-969.55	-10,177.94	414.68	-239.89	654.57	0.634	Level 1	
18,700.00	7,259.96	18,627.19	7,258.11	330.32	330.01	89.74	-970.06	-10,277.94	413.96	-246.29	660.25	0.627	Level 1	
18,800.00	7,260.21	18,727.19	7,258.32	333.16	332.85	89.74	-970.57	-10,377.93	413.24	-252.69	665.93	0.621	Level 1	
18,900.00	7,260.46	18,827.19	7,258.53	336.00	335.69	89.73	-971.08	-10,477.93	412.52	-259.09	671.62	0.614	Level 1	
19,000.00	7,260.71	18,927.18	7,258.75	338.85	338.53	89.73	-971.59	-10,577.92	411.80	-265.50	677.30	0.608	Level 1	
19,100.00	7,260.95	19,027.18	7,258.96	341.69	341.38	89.72	-972.09	-10,677.92	411.08	-271.90	682.99	0.602	Level 1	
19,118.22	7,261.00	19,045.40	7,259.00	342.21	341.89	89.72	-972.19	-10,696.14	410.95	-273.07	684.02	0.601	Level 1, ES, SF	

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	1.04	15.30	0.28	15.30					
100.00	100.00	100.00	100.00	3.28	3.28	1.04	15.30	0.28	15.30	8.73	6.57	2.330		
200.00	200.00	200.00	200.00	3.34	3.34	1.04	15.30	0.28	15.30	8.63	6.67	2.293		
300.00	300.00	300.32	300.30	3.44	3.44	6.32	14.10	1.56	14.19	7.30	6.89	2.060		
400.00	399.98	400.49	400.33	3.60	3.60	-116.80	10.52	5.41	12.51	5.32	7.20	1.739		
500.00	499.84	500.54	499.99	3.79	3.80	-100.42	4.56	11.80	11.88	4.30	7.58	1.567		
501.64	501.48	502.19	501.63	3.79	3.80	-100.14	4.44	11.92	11.88	4.29	7.59	1.566 CC		
600.00	599.45	600.47	599.16	4.03	4.04	-83.85	-3.76	20.72	12.48	4.42	8.06	1.549		
700.00	698.70	700.27	697.73	4.30	4.32	-70.16	-14.41	32.14	14.18	5.55	8.64	1.642		
800.00	797.47	799.95	795.57	4.60	4.65	-60.22	-27.39	46.05	16.67	7.38	9.29	1.795		
900.00	895.62	899.50	892.57	4.94	5.01	-53.42	-42.65	62.43	19.68	9.67	10.00	1.967		
1,000.00	993.06	1,001.04	988.65	5.32	5.42	-48.84	-60.19	81.23	23.02	12.24	10.77	2.136		
1,100.00	1,089.64	1,098.94	1,084.82	5.73	5.85	-48.74	-78.82	101.21	25.19	13.63	11.56	2.179		
1,131.50	1,119.87	1,130.43	1,115.11	5.87	5.99	-49.95	-84.69	107.50	25.41	13.58	11.83	2.148		
1,200.00	1,185.51	1,201.08	1,180.99	6.18	6.32	-53.17	-97.45	121.19	25.69	13.25	12.44	2.065		
1,300.00	1,281.33	1,301.11	1,277.16	6.65	6.80	-57.72	-116.09	141.18	26.23	12.87	13.36	1.963		
1,400.00	1,377.14	1,401.13	1,373.33	7.13	7.29	-62.07	-134.72	161.16	26.94	12.60	14.33	1.879		
1,500.00	1,472.96	1,501.15	1,469.50	7.63	7.79	-66.17	-153.36	181.14	27.79	12.45	15.34	1.811		
1,600.00	1,568.78	1,598.82	1,565.67	8.14	8.29	-70.00	-171.99	201.12	28.78	12.41	16.37	1.758		
1,700.00	1,664.60	1,701.20	1,661.84	8.66	8.82	-73.57	-190.62	221.10	29.88	12.45	17.43	1.714		
1,800.00	1,760.41	1,801.22	1,758.02	9.19	9.35	-76.87	-209.26	241.09	31.10	12.59	18.51	1.680		
1,900.00	1,856.23	1,901.24	1,854.19	9.73	9.88	-79.92	-227.89	261.07	32.40	12.82	19.59	1.654		
2,000.00	1,952.05	2,001.27	1,950.36	10.27	10.41	-82.72	-246.53	281.05	33.80	13.12	20.67	1.635		
2,100.00	2,047.86	2,101.29	2,046.53	10.81	10.95	-85.30	-265.16	301.03	35.26	13.50	21.77	1.620		
2,200.00	2,143.68	2,201.31	2,142.70	11.36	11.50	-87.66	-283.79	321.02	36.80	13.94	22.86	1.610		
2,300.00	2,239.50	2,301.34	2,238.87	11.92	12.04	-89.83	-302.43	341.00	38.39	14.43	23.96	1.602		
2,400.00	2,335.32	2,401.36	2,335.04	12.47	12.59	-91.83	-321.06	360.98	40.03	14.98	25.05	1.598		
2,500.00	2,431.13	2,501.38	2,431.22	13.03	13.14	-93.67	-339.69	380.96	41.71	15.57	26.15	1.595		
2,600.00	2,526.95	2,601.40	2,527.39	13.59	13.69	-95.36	-358.33	400.95	43.44	16.20	27.24	1.595		
2,700.00	2,622.77	2,701.43	2,623.56	14.15	14.25	-96.92	-376.96	420.93	45.20	16.87	28.33	1.595		
2,800.00	2,718.59	2,798.55	2,719.73	14.72	14.79	-98.37	-395.60	440.91	46.99	17.58	29.41	1.598		
2,900.00	2,814.40	2,901.47	2,815.90	15.29	15.36	-99.70	-414.23	460.89	48.81	18.29	30.52	1.599		
3,000.00	2,910.22	3,001.50	2,912.07	15.85	15.92	-100.94	-432.86	480.88	50.66	19.04	31.61	1.602		
3,100.00	3,006.04	3,101.52	3,008.24	16.42	16.48	-102.10	-451.50	500.86	52.52	19.82	32.70	1.606		
3,200.00	3,101.85	3,201.54	3,104.41	16.99	17.04	-103.17	-470.13	520.84	54.41	20.61	33.79	1.610		
3,300.00	3,197.67	3,301.56	3,200.59	17.56	17.60	-104.17	-488.77	540.82	56.31	21.43	34.88	1.614		
3,400.00	3,293.49	3,401.59	3,296.76	18.14	18.16	-105.11	-507.40	560.81	58.23	22.26	35.97	1.619		
3,500.00	3,389.31	3,501.61	3,392.93	18.71	18.73	-105.98	-526.03	580.79	60.16	23.11	37.06	1.623		
3,600.00	3,485.12	3,601.63	3,489.10	19.28	19.29	-106.80	-544.67	600.77	62.11	23.97	38.15	1.628		
3,700.00	3,580.94	3,701.65	3,585.27	19.86	19.85	-107.57	-563.30	620.75	64.07	24.84	39.23	1.633		
3,800.00	3,676.76	3,801.68	3,681.44	20.43	20.42	-108.30	-581.94	640.74	66.04	25.72	40.32	1.638		
3,900.00	3,772.58	3,901.70	3,777.61	21.01	20.98	-108.98	-600.57	660.72	68.02	26.61	41.41	1.643		
4,000.00	3,868.39	4,001.72	3,873.78	21.58	21.55	-109.63	-619.20	680.70	70.01	27.52	42.49	1.648		
4,100.00	3,964.21	4,101.75	3,969.96	22.16	22.12	-110.24	-637.84	700.68	72.01	28.43	43.58	1.652		
4,200.00	4,060.03	4,201.77	4,066.13	22.74	22.68	-110.81	-656.47	720.67	74.01	29.35	44.67	1.657		
4,300.00	4,155.85	4,301.79	4,162.30	23.32	23.25	-111.36	-675.11	740.65	76.03	30.27	45.75	1.662		
4,400.00	4,251.66	4,401.81	4,258.47	23.89	23.82	-111.87	-693.74	760.63	78.04	31.21	46.84	1.666		
4,500.00	4,347.48	4,501.84	4,354.64	24.47	24.38	-112.36	-712.37	780.61	80.07	32.14	47.92	1.671		
4,600.00	4,443.30	4,601.86	4,450.81	25.05	24.95	-112.83	-731.01	800.60	82.10	33.09	49.01	1.675		
4,700.00	4,539.11	4,701.88	4,546.98	25.63	25.52	-113.28	-749.64	820.58	84.14	34.04	50.10	1.679		
4,800.00	4,634.93	4,801.91	4,643.16	26.21	26.09	-113.70	-768.28	840.56	86.18	34.99	51.18	1.684		
4,900.00	4,730.75	4,898.07	4,739.33	26.79	26.63	-114.10	-786.91	860.54	88.22	35.97	52.25	1.689		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	4,998.05	4,835.50	27.37	27.20	-114.49	-805.54	880.53	90.27	36.94	53.33	1.693		
5,100.00	4,922.38	5,098.03	4,931.67	27.95	27.77	-114.86	-824.18	900.51	92.32	37.91	54.42	1.697		
5,200.00	5,018.20	5,202.00	5,027.84	28.53	28.36	-115.21	-842.81	920.49	94.38	38.86	55.52	1.700		
5,300.00	5,114.02	5,302.02	5,124.01	29.11	28.93	-115.54	-861.44	940.47	96.44	39.83	56.61	1.704		
5,400.00	5,209.84	5,402.04	5,220.18	29.69	29.50	-115.87	-880.08	960.46	98.50	40.81	57.70	1.707		
5,500.00	5,305.65	5,502.07	5,316.35	30.27	30.07	-116.18	-898.71	980.44	100.57	41.79	58.78	1.711		
5,600.00	5,401.47	5,602.09	5,412.53	30.86	30.64	-116.47	-917.35	1,000.42	102.64	42.77	59.87	1.714		
5,700.00	5,497.29	5,702.11	5,508.70	31.44	31.21	-116.76	-935.98	1,020.40	104.71	43.76	60.95	1.718		
5,800.00	5,593.10	5,802.13	5,604.87	32.02	31.78	-117.03	-954.61	1,040.39	106.78	44.75	62.04	1.721		
5,900.00	5,688.92	5,897.84	5,701.04	32.60	32.33	-117.30	-973.25	1,060.37	108.86	45.76	63.10	1.725		
6,000.00	5,784.74	6,002.18	5,797.21	33.18	32.92	-117.55	-991.88	1,080.35	110.94	46.73	64.21	1.728		
6,100.00	5,880.56	6,102.20	5,893.38	33.76	33.49	-117.80	-1,010.52	1,100.33	113.02	47.73	65.30	1.731		
6,200.00	5,976.37	6,202.22	5,989.55	34.35	34.07	-118.03	-1,029.15	1,120.31	115.10	48.72	66.38	1.734		
6,300.00	6,072.19	6,302.25	6,085.72	34.93	34.64	-118.26	-1,047.78	1,140.30	117.19	49.72	67.47	1.737		
6,400.00	6,168.01	6,397.73	6,181.90	35.51	35.18	-118.48	-1,066.42	1,160.28	119.28	50.75	68.53	1.741		
6,500.00	6,263.83	6,502.29	6,278.07	36.09	35.78	-118.69	-1,085.05	1,180.26	121.36	51.72	69.64	1.743		
6,600.00	6,359.64	6,601.45	6,378.43	36.68	36.32	-120.43	-1,104.48	1,197.61	122.48	52.03	70.45	1.739		
6,700.00	6,455.46	6,704.09	6,479.09	37.26	36.75	-129.21	-1,123.87	1,199.32	120.65	50.53	70.12	1.721		
6,730.66	6,484.84	6,734.10	6,508.45	37.44	36.85	-133.25	-1,129.50	1,196.70	120.38	50.58	69.80	1.725		
6,733.48	6,487.54	6,736.82	6,511.09	37.45	36.86	-133.64	-1,130.01	1,196.39	120.39	50.61	69.77	1.725		
6,750.00	6,503.41	6,752.65	6,525.52	37.55	36.91	-139.89	-1,132.97	1,194.38	120.53	50.96	69.57	1.732		
6,800.00	6,551.83	6,799.85	6,572.14	37.82	37.05	-161.80	-1,141.70	1,186.06	122.27	53.33	68.94	1.773		
6,850.00	6,600.62	6,846.04	6,616.08	38.05	37.18	172.21	-1,150.10	1,174.61	125.83	57.59	68.25	1.844		
6,900.00	6,649.47	6,891.30	6,658.24	38.25	37.30	145.70	-1,158.13	1,160.27	130.96	63.54	67.41	1.943		
6,950.00	6,698.08	6,935.71	6,698.54	38.42	37.42	123.24	-1,165.79	1,143.27	137.33	70.94	66.39	2.069		
7,000.00	6,746.15	6,979.34	6,736.91	38.57	37.55	106.14	-1,173.06	1,123.83	144.63	79.49	65.14	2.220		
7,050.00	6,793.39	7,022.27	6,773.30	38.71	37.68	93.41	-1,179.94	1,102.13	152.56	88.90	63.66	2.396		
7,100.00	6,839.50	7,064.56	6,807.66	38.84	37.81	83.75	-1,186.41	1,078.36	160.88	98.88	61.99	2.595		
7,150.00	6,884.20	7,106.27	6,839.97	38.97	37.96	76.25	-1,192.48	1,052.70	169.35	109.18	60.17	2.815		
7,200.00	6,927.21	7,147.46	6,870.19	39.11	38.12	70.28	-1,198.14	1,025.30	177.80	119.56	58.24	3.053		
7,250.00	6,968.28	7,188.18	6,898.29	39.25	38.28	65.46	-1,203.38	996.31	186.07	129.80	56.27	3.307		
7,300.00	7,007.13	7,228.47	6,924.25	39.41	38.47	61.51	-1,208.20	965.89	194.04	139.72	54.33	3.572		
7,350.00	7,043.55	7,268.39	6,948.06	39.58	38.67	58.25	-1,212.59	934.16	201.61	149.13	52.48	3.842		
7,400.00	7,077.29	7,307.97	6,969.70	39.77	38.89	55.54	-1,216.56	901.27	208.69	157.89	50.79	4.109		
7,450.00	7,108.16	7,347.25	6,989.15	39.98	39.12	53.29	-1,220.11	867.33	215.20	165.86	49.34	4.361		
7,500.00	7,135.96	7,386.28	7,006.41	40.22	39.38	51.43	-1,223.23	832.47	221.09	172.89	48.20	4.587		
7,550.00	7,160.53	7,425.08	7,021.45	40.49	39.66	49.90	-1,225.91	796.80	226.32	178.89	47.42	4.772		
7,600.00	7,181.70	7,463.70	7,034.28	40.79	39.96	48.67	-1,228.17	760.46	230.83	183.77	47.06	4.905		
7,650.00	7,199.35	7,502.16	7,044.88	41.13	40.28	47.69	-1,229.99	723.53	234.61	187.46	47.15	4.976		
7,700.00	7,213.38	7,540.50	7,053.25	41.51	40.63	46.95	-1,231.38	686.15	237.62	189.92	47.70	4.982		
7,750.00	7,223.68	7,578.75	7,059.39	41.93	41.00	46.43	-1,232.34	648.42	239.84	191.14	48.70	4.925		
7,800.00	7,230.21	7,616.93	7,063.29	42.38	41.38	46.12	-1,232.86	610.44	241.26	191.14	50.12	4.813		
7,850.00	7,232.92	7,655.09	7,064.94	42.87	41.78	46.01	-1,232.96	572.33	241.87	189.95	51.92	4.658		
7,858.69	7,233.00	7,662.12	7,065.00	42.95	41.86	46.01	-1,232.93	565.76	241.90	189.62	52.28	4.627		
7,900.00	7,233.10	7,702.97	7,065.14	43.38	42.32	46.04	-1,232.71	524.45	241.96	188.83	53.14	4.554		
8,000.00	7,233.35	7,802.97	7,065.48	44.56	43.57	46.11	-1,232.19	424.45	242.12	186.71	55.42	4.369		
8,100.00	7,233.60	7,902.97	7,065.83	45.91	44.98	46.17	-1,231.66	324.46	242.28	184.34	57.94	4.182		
8,200.00	7,233.85	8,002.97	7,066.17	47.41	46.55	46.24	-1,231.14	224.46	242.44	181.77	60.68	3.996		
8,300.00	7,234.10	8,102.97	7,066.51	49.05	48.24	46.31	-1,230.62	124.46	242.60	179.00	63.61	3.814		
8,400.00	7,234.35	8,202.97	7,066.86	50.81	50.06	46.38	-1,230.09	24.46	242.76	176.06	66.70	3.640		
8,500.00	7,234.59	8,302.97	7,067.20	52.68	51.97	46.44	-1,229.57	-75.53	242.93	172.98	69.94	3.473		
8,600.00	7,234.84	8,402.97	7,067.55	54.65	53.98	46.51	-1,229.04	-175.53	243.09	169.77	73.31	3.316		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,235.09	8,502.97	7,067.89	56.70	56.07	46.58	-1,228.52	-275.53	243.25	166.45	76.80	3.167		
8,800.00	7,235.34	8,602.96	7,068.23	58.82	58.23	46.64	-1,227.99	-375.53	243.41	163.03	80.38	3.028		
8,900.00	7,235.59	8,702.96	7,068.58	61.01	60.45	46.71	-1,227.47	-475.52	243.57	159.53	84.04	2.898		
9,000.00	7,235.84	8,802.96	7,068.92	63.25	62.72	46.78	-1,226.94	-575.52	243.74	155.94	87.79	2.776		
9,100.00	7,236.09	8,902.96	7,069.26	65.55	65.04	46.84	-1,226.42	-675.52	243.90	152.29	91.61	2.662		
9,200.00	7,236.34	9,002.96	7,069.61	67.89	67.41	46.91	-1,225.90	-775.52	244.06	148.58	95.48	2.556		
9,300.00	7,236.58	9,102.96	7,069.95	70.27	69.81	46.98	-1,225.37	-875.51	244.23	144.81	99.42	2.457		
9,400.00	7,236.83	9,202.96	7,070.29	72.69	72.25	47.04	-1,224.85	-975.51	244.39	140.99	103.40	2.364		
9,500.00	7,237.08	9,302.96	7,070.64	75.14	74.72	47.11	-1,224.32	-1,075.51	244.55	137.12	107.43	2.276		
9,600.00	7,237.33	9,402.96	7,070.98	77.62	77.22	47.18	-1,223.80	-1,175.51	244.72	133.22	111.50	2.195		
9,700.00	7,237.58	9,502.96	7,071.33	80.12	79.75	47.24	-1,223.27	-1,275.50	244.88	129.27	115.61	2.118		
9,800.00	7,237.83	9,602.96	7,071.67	82.65	82.29	47.31	-1,222.75	-1,375.50	245.05	125.30	119.75	2.046		
9,900.00	7,238.08	9,702.96	7,072.01	85.20	84.86	47.37	-1,222.22	-1,475.50	245.21	121.29	123.93	1.979		
10,000.00	7,238.32	9,802.96	7,072.36	87.77	87.44	47.44	-1,221.70	-1,575.50	245.38	117.25	128.13	1.915		
10,100.00	7,238.57	9,902.96	7,072.70	90.36	90.05	47.51	-1,221.17	-1,675.49	245.55	113.18	132.37	1.855		
10,200.00	7,238.82	10,002.96	7,073.04	92.97	92.66	47.57	-1,220.65	-1,775.49	245.71	109.09	136.63	1.798		
10,300.00	7,239.07	10,102.96	7,073.39	95.59	95.30	47.64	-1,220.13	-1,875.49	245.88	104.97	140.91	1.745		
10,400.00	7,239.32	10,202.96	7,073.73	98.22	97.94	47.70	-1,219.60	-1,975.49	246.05	100.83	145.21	1.694		
10,500.00	7,239.57	10,302.96	7,074.08	100.87	100.60	47.77	-1,219.08	-2,075.48	246.21	96.67	149.54	1.646		
10,600.00	7,239.82	10,402.96	7,074.42	103.52	103.27	47.83	-1,218.55	-2,175.48	246.38	92.49	153.89	1.601		
10,700.00	7,240.07	10,502.95	7,074.76	106.19	105.95	47.90	-1,218.03	-2,275.48	246.55	88.30	158.26	1.558		
10,800.00	7,240.31	10,602.95	7,075.11	108.87	108.63	47.96	-1,217.50	-2,375.48	246.72	84.08	162.64	1.517		
10,900.00	7,240.56	10,702.95	7,075.45	111.56	111.33	48.03	-1,216.98	-2,475.47	246.89	79.85	167.04	1.478 Level 3		
11,000.00	7,240.81	10,802.95	7,075.79	114.25	114.04	48.09	-1,216.45	-2,575.47	247.06	75.60	171.46	1.441 Level 3		
11,100.00	7,241.06	10,902.95	7,076.14	116.96	116.75	48.16	-1,215.93	-2,675.47	247.23	71.33	175.89	1.406 Level 3		
11,200.00	7,241.31	11,002.95	7,076.48	119.67	119.47	48.22	-1,215.41	-2,775.47	247.40	67.05	180.34	1.372 Level 3		
11,300.00	7,241.56	11,102.95	7,076.82	122.39	122.19	48.29	-1,214.88	-2,875.46	247.57	62.76	184.81	1.340 Level 3		
11,400.00	7,241.81	11,202.95	7,077.17	125.11	124.93	48.35	-1,214.36	-2,975.46	247.74	58.45	189.28	1.309 Level 3		
11,500.00	7,242.06	11,302.95	7,077.51	127.84	127.67	48.42	-1,213.83	-3,075.46	247.91	54.13	193.77	1.279 Level 3		
11,600.00	7,242.30	11,402.95	7,077.86	130.58	130.41	48.48	-1,213.31	-3,175.46	248.08	49.80	198.28	1.251 Level 3		
11,700.00	7,242.55	11,502.95	7,078.20	133.32	133.16	48.54	-1,212.78	-3,275.45	248.25	45.46	202.79	1.224 Level 2		
11,800.00	7,242.80	11,602.95	7,078.54	136.07	135.91	48.61	-1,212.26	-3,375.45	248.42	41.10	207.32	1.198 Level 2		
11,900.00	7,243.05	11,702.95	7,078.89	138.82	138.67	48.67	-1,211.73	-3,475.45	248.59	36.73	211.86	1.173 Level 2		
12,000.00	7,243.30	11,802.95	7,079.23	141.58	141.43	48.74	-1,211.21	-3,575.45	248.77	32.35	216.41	1.149 Level 2		
12,100.00	7,243.55	11,902.95	7,079.57	144.34	144.20	48.80	-1,210.69	-3,675.44	248.94	27.96	220.98	1.127 Level 2		
12,200.00	7,243.80	12,002.95	7,079.92	147.10	146.96	48.86	-1,210.16	-3,775.44	249.11	23.56	225.55	1.104 Level 2		
12,300.00	7,244.04	12,102.95	7,080.26	149.87	149.74	48.93	-1,209.64	-3,875.44	249.28	19.15	230.14	1.083 Level 2		
12,400.00	7,244.29	12,202.95	7,080.61	152.64	152.51	48.99	-1,209.11	-3,975.44	249.46	14.73	234.73	1.063 Level 2		
12,500.00	7,244.54	12,302.95	7,080.95	155.41	155.29	49.05	-1,208.59	-4,075.43	249.63	10.30	239.34	1.043 Level 2		
12,600.00	7,244.79	12,402.94	7,081.29	158.19	158.08	49.12	-1,208.06	-4,175.43	249.81	5.85	243.95	1.024 Level 2		
12,700.00	7,245.04	12,502.94	7,081.64	160.97	160.86	49.18	-1,207.54	-4,275.43	249.98	1.40	248.58	1.006 Level 2		
12,800.00	7,245.29	12,602.94	7,081.98	163.75	163.65	49.25	-1,207.01	-4,375.43	250.15	-3.06	253.21	0.988 Level 1		
12,900.00	7,245.54	12,702.94	7,082.32	166.54	166.44	49.31	-1,206.49	-4,475.42	250.33	-7.52	257.85	0.971 Level 1		
13,000.00	7,245.79	12,802.94	7,082.67	169.33	169.23	49.37	-1,205.96	-4,575.42	250.51	-12.00	262.51	0.954 Level 1		
13,100.00	7,246.03	12,902.94	7,083.01	172.12	172.03	49.43	-1,205.44	-4,675.42	250.68	-16.49	267.17	0.938 Level 1		
13,200.00	7,246.28	13,002.94	7,083.36	174.91	174.82	49.50	-1,204.92	-4,775.42	250.86	-20.98	271.84	0.923 Level 1		
13,300.00	7,246.53	13,102.94	7,083.70	177.71	177.62	49.56	-1,204.39	-4,875.41	251.03	-25.49	276.52	0.908 Level 1		
13,400.00	7,246.78	13,202.94	7,084.04	180.50	180.42	49.62	-1,203.87	-4,975.41	251.21	-30.00	281.21	0.893 Level 1		
13,500.00	7,247.03	13,302.94	7,084.39	183.30	183.23	49.69	-1,203.34	-5,075.41	251.39	-34.52	285.90	0.879 Level 1		
13,600.00	7,247.28	13,402.94	7,084.73	186.10	186.03	49.75	-1,202.82	-5,175.41	251.56	-39.05	290.61	0.866 Level 1		
13,700.00	7,247.53	13,502.94	7,085.07	188.91	188.84	49.81	-1,202.29	-5,275.40	251.74	-43.58	295.32	0.852 Level 1		
13,800.00	7,247.77	13,602.94	7,085.42	191.71	191.65	49.87	-1,201.77	-5,375.40	251.92	-48.13	300.04	0.840 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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 16N-9B-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	13,702.94	7,085.76	194.52	194.46	49.94	-1,201.24	-5,475.40	252.10	-52.68	304.77	0.827	Level 1	
14,000.00	7,248.27	13,802.94	7,086.10	197.32	197.27	50.00	-1,200.72	-5,575.40	252.28	-57.24	309.51	0.815	Level 1	
14,100.00	7,248.52	13,902.94	7,086.45	200.13	200.08	50.06	-1,200.20	-5,675.39	252.45	-61.80	314.26	0.803	Level 1	
14,200.00	7,248.77	14,002.94	7,086.79	202.94	202.89	50.12	-1,199.67	-5,775.39	252.63	-66.38	319.01	0.792	Level 1	
14,300.00	7,249.02	14,102.94	7,087.14	205.76	205.71	50.18	-1,199.15	-5,875.39	252.81	-70.96	323.77	0.781	Level 1	
14,400.00	7,249.27	14,202.94	7,087.48	208.57	208.53	50.25	-1,198.62	-5,975.39	252.99	-75.55	328.54	0.770	Level 1	
14,500.00	7,249.52	14,302.93	7,087.82	211.38	211.34	50.31	-1,198.10	-6,075.38	253.17	-80.14	333.31	0.760	Level 1	
14,600.00	7,249.76	14,402.93	7,088.17	214.20	214.16	50.37	-1,197.57	-6,175.38	253.35	-84.74	338.10	0.749	Level 1	
14,700.00	7,250.01	14,502.93	7,088.51	217.02	216.98	50.43	-1,197.05	-6,275.38	253.53	-89.35	342.89	0.739	Level 1	
14,800.00	7,250.26	14,602.93	7,088.85	219.84	219.80	50.49	-1,196.52	-6,375.38	253.71	-93.97	347.68	0.730	Level 1	
14,900.00	7,250.51	14,702.93	7,089.20	222.65	222.63	50.55	-1,196.00	-6,475.37	253.89	-98.59	352.49	0.720	Level 1	
15,000.00	7,250.76	14,802.93	7,089.54	225.48	225.45	50.62	-1,195.47	-6,575.37	254.07	-103.22	357.30	0.711	Level 1	
15,100.00	7,251.01	14,902.93	7,089.89	228.30	228.27	50.68	-1,194.95	-6,675.37	254.26	-107.86	362.12	0.702	Level 1	
15,200.00	7,251.26	15,002.93	7,090.23	231.12	231.10	50.74	-1,194.43	-6,775.37	254.44	-112.51	366.94	0.693	Level 1	
15,300.00	7,251.50	15,102.93	7,090.57	233.94	233.92	50.80	-1,193.90	-6,875.36	254.62	-117.16	371.78	0.685	Level 1	
15,400.00	7,251.75	15,202.93	7,090.92	236.77	236.75	50.86	-1,193.38	-6,975.36	254.80	-121.81	376.62	0.677	Level 1	
15,500.00	7,252.00	15,302.93	7,091.26	239.59	239.57	50.92	-1,192.85	-7,075.36	254.98	-126.46	381.46	0.669	Level 1	
15,600.00	7,252.25	15,402.93	7,091.60	242.42	242.40	50.98	-1,192.33	-7,175.36	255.16	-131.11	386.30	0.661	Level 1	
15,700.00	7,252.50	15,502.93	7,091.94	245.24	245.22	51.04	-1,191.80	-7,275.36	255.34	-135.76	391.14	0.653	Level 1	
15,800.00	7,252.75	15,602.93	7,092.28	248.07	248.05	51.10	-1,191.28	-7,375.36	255.52	-140.41	395.98	0.645	Level 1	
15,900.00	7,253.00	15,702.93	7,092.62	250.90	250.88	51.16	-1,190.75	-7,475.36	255.70	-145.06	400.82	0.637	Level 1	
16,000.00	7,253.25	15,802.93	7,092.96	253.73	253.71	51.22	-1,190.23	-7,575.36	255.88	-149.71	405.66	0.629	Level 1	
16,100.00	7,253.49	15,902.93	7,093.30	256.56	256.54	51.28	-1,189.70	-7,675.36	256.06	-154.36	410.50	0.621	Level 1	
16,200.00	7,253.74	16,002.93	7,093.64	259.39	259.37	51.34	-1,189.18	-7,775.36	256.24	-159.01	415.34	0.613	Level 1	
16,300.00	7,253.99	16,102.93	7,093.98	262.22	262.20	51.40	-1,188.65	-7,875.36	256.42	-163.66	420.18	0.605	Level 1	
16,400.00	7,254.24	16,202.93	7,094.32	265.05	265.03	51.46	-1,188.13	-7,975.36	256.60	-168.31	425.02	0.597	Level 1	
16,500.00	7,254.49	16,302.93	7,094.66	267.88	267.86	51.52	-1,187.60	-8,075.36	256.78	-172.96	429.86	0.589	Level 1	
16,600.00	7,254.74	16,402.93	7,095.00	270.72	270.70	51.58	-1,187.08	-8,175.36	256.96	-177.61	434.70	0.581	Level 1	
16,700.00	7,254.99	16,502.93	7,095.34	273.55	273.53	51.64	-1,186.55	-8,275.36	257.14	-182.26	439.54	0.573	Level 1	
16,800.00	7,255.24	16,602.93	7,095.68	276.38	276.36	51.70	-1,186.03	-8,375.36	257.32	-186.91	444.38	0.565	Level 1	
16,900.00	7,255.49	16,702.93	7,096.02	279.22	279.20	51.76	-1,185.50	-8,475.36	257.50	-191.56	449.22	0.557	Level 1	
17,000.00	7,255.73	16,802.93	7,096.36	282.05	282.03	51.82	-1,184.98	-8,575.36	257.68	-196.21	454.06	0.549	Level 1	
17,100.00	7,255.98	16,902.93	7,096.70	284.89	284.87	51.88	-1,184.45	-8,675.36	257.86	-200.86	458.90	0.541	Level 1	
17,200.00	7,256.23	17,002.93	7,097.04	287.73	287.71	51.94	-1,183.93	-8,775.36	258.04	-205.51	463.74	0.533	Level 1	
17,300.00	7,256.48	17,102.93	7,097.38	290.56	290.54	52.00	-1,183.40	-8,875.36	258.22	-210.16	468.58	0.525	Level 1	
17,400.00	7,256.73	17,202.93	7,097.72	293.40	293.38	52.06	-1,182.88	-8,975.36	258.40	-214.81	473.42	0.517	Level 1	
17,500.00	7,256.98	17,302.93	7,098.06	296.24	296.22	52.12	-1,182.35	-9,075.36	258.58	-219.46	478.26	0.509	Level 1	
17,600.00	7,257.22	17,402.93	7,098.40	299.07	299.05	52.18	-1,181.83	-9,175.36	258.76	-224.11	483.10	0.501	Level 1	
17,700.00	7,257.47	17,502.93	7,098.74	301.91	301.89	52.24	-1,181.30	-9,275.36	258.94	-228.76	487.94	0.493	Level 1	
17,800.00	7,257.72	17,602.93	7,099.08	304.75	304.73	52.30	-1,180.78	-9,375.36	259.12	-233.41	492.78	0.485	Level 1	
17,900.00	7,257.97	17,702.93	7,099.42	307.59	307.57	52.36	-1,180.25	-9,475.36	259.30	-238.06	497.62	0.477	Level 1	
18,000.00	7,258.22	17,802.93	7,100.00	310.43	310.41	52.42	-1,179.73	-9,575.36	259.48	-242.71	502.46	0.469	Level 1	
18,100.00	7,258.47	17,902.93	7,100.34	313.27	313.25	52.48	-1,179.20	-9,675.36	259.66	-247.36	507.30	0.461	Level 1	
18,200.00	7,258.72	18,002.93	7,100.68	316.11	316.09	52.54	-1,178.68	-9,775.36	259.84	-252.01	512.14	0.453	Level 1	
18,300.00	7,258.97	18,102.93	7,101.02	318.95	318.93	52.60	-1,178.15	-9,875.36	260.02	-256.66	516.98	0.445	Level 1	
18,400.00	7,259.22	18,202.93	7,101.36	321.79	321.77	52.66	-1,177.63	-9,975.36	260.20	-261.31	521.82	0.437	Level 1	
18,500.00	7,259.46	18,302.93	7,101.70	324.63	324.61	52.72	-1,177.10	-10,075.36	260.38	-265.96	526.66	0.429	Level 1	
18,600.00	7,259.71	18,402.93	7,102.04	327.47	327.45	52.78	-1,176.58	-10,175.36	260.56	-270.61	531.50	0.421	Level 1	
18,700.00	7,259.96	18,502.93	7,102.38	330.32	330.30	52.84	-1,176.05	-10,275.36	260.74	-275.26	536.34	0.413	Level 1	
18,800.00	7,260.21	18,602.93	7,102.72	333.16	333.14	52.90	-1,175.53	-10,375.36	260.92	-279.91	541.18	0.405	Level 1	
18,900.00	7,260.46	18,702.93	7,103.06	336.00	335.98	52.96	-1,175.00	-10,475.36	261.10	-284.56	546.02	0.397	Level 1	
19,000.00	7,260.71	18,802.93	7,103.40	338.85	338.83	53.02	-1,174.48	-10,575.36	261.28	-289.21	550.86	0.389	Level 1, 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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 16N-9B-L - OH - Plan #1												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1												<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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
19,100.00	7,260.95	18,907.98	7,103.94	341.69	341.37	27.97	-1,299.76	-10,678.83	177.82	-198.52	376.34	0.472	Level 1
19,118.22	7,261.00	18,926.19	7,104.01	342.21	341.88	27.81	-1,300.30	-10,697.03	177.53	-198.14	375.67	0.473	Level 1

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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, ES		
300.00	300.00	298.69	298.67	3.44	3.44	179.16	-46.21	0.67	46.24	39.35	6.89	6.710		
400.00	399.98	397.24	397.08	3.60	3.59	40.84	-50.43	3.52	49.30	42.09	7.21	6.838		
500.00	499.84	495.67	495.14	3.79	3.79	39.68	-57.44	8.26	52.70	45.08	7.62	6.917		
600.00	599.45	593.98	592.73	4.03	4.02	39.16	-67.21	14.87	56.40	48.28	8.11	6.951		
700.00	698.70	692.16	689.74	4.30	4.30	39.17	-79.74	23.34	60.37	51.69	8.68	6.958		
800.00	797.47	790.21	786.05	4.60	4.61	39.61	-95.00	33.65	64.60	55.30	9.30	6.948		
900.00	895.62	888.14	881.54	4.94	4.96	40.39	-112.95	45.78	69.12	59.15	9.97	6.933		
1,000.00	993.06	985.94	976.12	5.32	5.35	41.45	-133.57	59.72	73.92	63.22	10.69	6.914		
1,100.00	1,089.64	1,083.60	1,069.66	5.73	5.78	42.70	-156.81	75.43	79.02	67.56	11.46	6.896		
1,131.50	1,119.87	1,114.34	1,098.90	5.87	5.92	43.13	-164.67	80.74	80.69	68.99	11.71	6.891		
1,200.00	1,185.51	1,181.11	1,162.04	6.18	6.24	43.79	-182.64	92.88	85.04	72.76	12.27	6.930		
1,300.00	1,281.33	1,280.34	1,255.31	6.65	6.75	44.02	-210.71	111.86	92.82	79.70	13.12	7.073		
1,400.00	1,377.14	1,380.03	1,348.99	7.13	7.27	44.20	-238.96	130.95	100.67	86.65	14.01	7.183		
1,500.00	1,472.96	1,479.72	1,442.67	7.63	7.82	44.35	-267.21	150.04	108.51	93.58	14.93	7.266		
1,600.00	1,568.78	1,579.41	1,536.35	8.14	8.38	44.48	-295.46	169.14	116.35	100.48	15.88	7.329		
1,700.00	1,664.60	1,679.10	1,630.02	8.66	8.95	44.59	-323.70	188.23	124.20	107.36	16.84	7.376		
1,800.00	1,760.41	1,778.79	1,723.70	9.19	9.52	44.69	-351.95	207.32	132.04	114.23	17.82	7.411		
1,900.00	1,856.23	1,878.49	1,817.38	9.73	10.11	44.78	-380.20	226.42	139.89	121.08	18.81	7.436		
2,000.00	1,952.05	1,978.18	1,911.06	10.27	10.70	44.86	-408.45	245.51	147.73	127.92	19.82	7.455		
2,100.00	2,047.86	2,077.87	2,004.74	10.81	11.30	44.93	-436.70	264.61	155.58	134.75	20.83	7.468		
2,200.00	2,143.68	2,177.56	2,098.42	11.36	11.90	44.99	-464.95	283.70	163.43	141.57	21.86	7.477		
2,300.00	2,239.50	2,277.25	2,192.10	11.92	12.50	45.05	-493.20	302.79	171.27	148.38	22.89	7.483		
2,400.00	2,335.32	2,376.94	2,285.78	12.47	13.11	45.11	-521.45	321.89	179.12	155.19	23.93	7.486		
2,500.00	2,431.13	2,476.64	2,379.46	13.03	13.72	45.15	-549.70	340.98	186.97	161.99	24.97	7.487		
2,600.00	2,526.95	2,576.33	2,473.14	13.59	14.34	45.20	-577.95	360.07	194.81	168.79	26.02	7.487		
2,700.00	2,622.77	2,676.02	2,566.82	14.15	14.95	45.24	-606.19	379.17	202.66	175.58	27.08	7.485		
2,800.00	2,718.59	2,775.71	2,660.50	14.72	15.57	45.28	-634.44	398.26	210.51	182.37	28.13	7.482		
2,900.00	2,814.40	2,875.40	2,754.18	15.29	16.19	45.32	-662.69	417.36	218.35	189.16	29.20	7.479		
3,000.00	2,910.22	2,975.09	2,847.86	15.85	16.81	45.35	-690.94	436.45	226.20	195.94	30.26	7.475		
3,100.00	3,006.04	3,074.78	2,941.54	16.42	17.43	45.38	-719.19	455.54	234.05	202.72	31.33	7.471		
3,200.00	3,101.85	3,174.48	3,035.22	16.99	18.06	45.41	-747.44	474.64	241.89	209.50	32.40	7.466		
3,300.00	3,197.67	3,274.17	3,128.90	17.56	18.68	45.44	-775.69	493.73	249.74	216.27	33.47	7.461		
3,400.00	3,293.49	3,373.86	3,222.57	18.14	19.31	45.46	-803.94	512.82	257.59	223.04	34.55	7.456		
3,500.00	3,389.31	3,473.55	3,316.25	18.71	19.93	45.49	-832.19	531.92	265.44	229.81	35.62	7.451		
3,600.00	3,485.12	3,573.24	3,409.93	19.28	20.56	45.51	-860.43	551.01	273.28	236.58	36.70	7.446		
3,700.00	3,580.94	3,672.93	3,503.61	19.86	21.19	45.53	-888.68	570.10	281.13	243.35	37.78	7.441		
3,800.00	3,676.76	3,772.63	3,597.29	20.43	21.81	45.55	-916.93	589.20	288.98	250.12	38.86	7.436		
3,900.00	3,772.58	3,872.32	3,690.97	21.01	22.44	45.57	-945.18	608.29	296.83	256.88	39.95	7.431		
4,000.00	3,868.39	3,972.01	3,784.65	21.58	23.07	45.59	-973.43	627.39	304.67	263.64	41.03	7.426		
4,100.00	3,964.21	4,071.70	3,878.33	22.16	23.70	45.60	-1,001.68	646.48	312.52	270.41	42.11	7.421		
4,200.00	4,060.03	4,171.39	3,972.01	22.74	24.33	45.62	-1,029.93	665.57	320.37	277.17	43.20	7.416		
4,300.00	4,155.85	4,271.08	4,065.69	23.32	24.97	45.64	-1,058.18	684.67	328.22	283.93	44.29	7.411		
4,400.00	4,251.66	4,370.77	4,159.37	23.89	25.60	45.65	-1,086.43	703.76	336.06	290.69	45.38	7.406		
4,500.00	4,347.48	4,470.47	4,253.05	24.47	26.23	45.67	-1,114.68	722.85	343.91	297.45	46.47	7.401		
4,600.00	4,443.30	4,570.16	4,346.73	25.05	26.86	45.68	-1,142.92	741.95	351.76	304.20	47.56	7.397		
4,700.00	4,539.11	4,669.85	4,440.41	25.63	27.49	45.69	-1,171.17	761.04	359.61	310.96	48.65	7.392		
4,800.00	4,634.93	4,769.54	4,534.09	26.21	28.13	45.70	-1,199.42	780.13	367.45	317.72	49.74	7.388		
4,900.00	4,730.75	4,869.23	4,627.77	26.79	28.76	45.72	-1,227.67	799.23	375.30	324.47	50.83	7.383		
5,000.00	4,826.57	4,968.92	4,721.45	27.37	29.39	45.73	-1,255.92	818.32	383.15	331.23	51.92	7.379		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	5,068.62	4,815.13	27.95	30.03	45.74	-1,284.17	837.42	391.00	337.98	53.02	7.375		
5,200.00	5,018.20	5,168.31	4,908.80	28.53	30.66	45.75	-1,312.42	856.51	398.85	344.74	54.11	7.371		
5,300.00	5,114.02	5,268.00	5,002.48	29.11	31.29	45.76	-1,340.67	875.60	406.69	351.49	55.20	7.367		
5,400.00	5,209.84	5,367.69	5,096.16	29.69	31.93	45.77	-1,368.92	894.70	414.54	358.24	56.30	7.363		
5,500.00	5,305.65	5,467.38	5,189.84	30.27	32.56	45.78	-1,397.17	913.79	422.39	364.99	57.39	7.359		
5,600.00	5,401.47	5,567.07	5,283.52	30.86	33.20	45.79	-1,425.41	932.88	430.24	371.75	58.49	7.356		
5,700.00	5,497.29	5,666.77	5,377.20	31.44	33.83	45.80	-1,453.66	951.98	438.08	378.50	59.59	7.352		
5,800.00	5,593.10	5,766.46	5,470.88	32.02	34.47	45.80	-1,481.91	971.07	445.93	385.25	60.68	7.349		
5,900.00	5,688.92	5,866.15	5,564.56	32.60	35.10	45.81	-1,510.16	990.16	453.78	392.00	61.78	7.345		
6,000.00	5,784.74	5,965.84	5,658.24	33.18	35.74	45.82	-1,538.41	1,009.26	461.63	398.75	62.88	7.342		
6,100.00	5,880.56	6,065.53	5,751.92	33.76	36.37	45.83	-1,566.66	1,028.35	469.48	405.50	63.97	7.339		
6,200.00	5,976.37	6,165.22	5,845.60	34.35	37.01	45.84	-1,594.91	1,047.45	477.32	412.25	65.07	7.335		
6,300.00	6,072.19	6,264.91	5,939.28	34.93	37.65	45.84	-1,623.16	1,066.54	485.17	419.00	66.17	7.332		
6,400.00	6,168.01	6,364.61	6,032.96	35.51	38.28	45.85	-1,651.41	1,085.63	493.02	425.75	67.27	7.329		
6,500.00	6,263.83	6,464.30	6,126.64	36.09	38.92	45.86	-1,679.66	1,104.73	500.87	432.50	68.37	7.326		
6,600.00	6,359.64	6,563.99	6,220.32	36.68	39.55	45.86	-1,707.90	1,123.82	508.71	439.25	69.46	7.323		
6,700.00	6,455.46	6,663.68	6,314.00	37.26	40.19	45.87	-1,736.15	1,142.91	516.56	446.00	70.56	7.321		
6,733.48	6,487.54	6,702.94	6,345.36	37.45	40.44	45.87	-1,745.61	1,149.31	519.19	448.23	70.96	7.316		
6,750.00	6,503.41	6,713.53	6,360.84	37.55	40.51	42.06	-1,750.28	1,152.46	520.47	449.37	71.11	7.320		
6,800.00	6,551.83	6,763.27	6,407.58	37.82	40.82	27.09	-1,764.37	1,161.99	524.21	452.64	71.57	7.325		
6,850.00	6,600.62	6,812.63	6,453.96	38.05	41.14	7.27	-1,778.36	1,171.44	527.77	455.85	71.92	7.338		
6,900.00	6,649.47	6,861.29	6,499.69	38.25	41.45	-13.97	-1,792.15	1,180.76	531.29	459.12	72.17	7.362		
6,950.00	6,698.08	6,908.34	6,544.08	38.42	41.74	-31.95	-1,805.55	1,188.63	534.99	462.66	72.34	7.396		
7,000.00	6,746.15	6,955.99	6,589.48	38.57	42.01	-45.17	-1,819.28	1,193.15	539.03	466.53	72.50	7.435		
7,050.00	6,793.39	7,004.64	6,636.01	38.71	42.25	-54.62	-1,833.39	1,194.09	543.39	470.71	72.68	7.476		
7,100.00	6,839.50	7,054.36	6,683.49	38.84	42.46	-61.54	-1,847.83	1,191.21	548.04	475.15	72.89	7.519		
7,150.00	6,884.20	7,105.23	6,731.69	38.97	42.64	-66.80	-1,862.52	1,184.27	552.95	479.83	73.12	7.562		
7,200.00	6,927.21	7,157.34	6,780.33	39.11	42.80	-70.94	-1,877.39	1,173.01	558.08	484.69	73.39	7.605		
7,250.00	6,968.28	7,210.76	6,829.10	39.25	42.94	-74.30	-1,892.34	1,157.19	563.37	489.69	73.68	7.646		
7,300.00	7,007.13	7,265.57	6,877.62	39.41	43.06	-77.09	-1,907.26	1,136.58	568.76	494.76	73.99	7.686		
7,350.00	7,043.55	7,321.82	6,925.45	39.58	43.18	-79.46	-1,922.02	1,110.97	574.19	499.86	74.33	7.724		
7,400.00	7,077.29	7,379.57	6,972.11	39.77	43.31	-81.49	-1,936.47	1,080.18	579.59	504.88	74.70	7.759		
7,450.00	7,108.16	7,438.85	7,017.01	39.98	43.43	-83.23	-1,950.44	1,044.11	584.87	509.76	75.11	7.787		
7,500.00	7,135.96	7,499.68	7,059.52	40.22	43.57	-84.74	-1,963.73	1,002.72	589.95	514.37	75.58	7.806		
7,550.00	7,160.53	7,562.04	7,098.96	40.49	43.73	-86.04	-1,976.14	956.09	594.74	518.61	76.14	7.811		
7,600.00	7,181.70	7,625.86	7,134.61	40.79	43.92	-87.14	-1,987.45	904.39	599.17	522.34	76.83	7.799		
7,650.00	7,199.35	7,691.07	7,165.72	41.13	44.15	-88.05	-1,997.42	847.99	603.14	525.45	77.69	7.764		
7,700.00	7,213.38	7,757.53	7,191.56	41.51	44.42	-88.78	-2,005.84	787.38	606.57	527.82	78.75	7.703		
7,750.00	7,223.68	7,825.05	7,211.48	41.93	44.74	-89.33	-2,012.49	723.23	609.39	529.36	80.04	7.614		
7,800.00	7,230.21	7,893.43	7,224.90	42.38	45.13	-89.69	-2,017.20	656.39	611.55	530.00	81.55	7.499		
7,850.00	7,232.92	7,962.40	7,231.42	42.87	45.58	-89.88	-2,019.82	587.82	613.00	529.72	83.28	7.361		
7,858.69	7,233.00	7,974.43	7,231.82	42.95	45.67	-89.89	-2,020.06	575.79	613.18	529.58	83.60	7.335		
7,900.00	7,233.10	8,018.81	7,232.27	43.38	46.01	-89.92	-2,020.62	531.42	613.78	529.05	84.73	7.244		
8,000.00	7,233.35	8,118.79	7,233.08	44.56	46.89	-89.98	-2,021.81	431.44	615.18	527.76	87.43	7.037		
8,100.00	7,233.60	8,218.78	7,233.89	45.91	47.95	-90.03	-2,023.00	331.46	616.58	526.19	90.40	6.821		
8,200.00	7,233.85	8,318.77	7,234.69	47.41	49.20	-90.08	-2,024.19	231.49	617.99	524.36	93.63	6.601		
8,300.00	7,234.10	8,418.76	7,235.50	49.05	50.61	-90.13	-2,025.38	131.51	619.39	522.31	97.08	6.380		
8,400.00	7,234.35	8,518.75	7,236.31	50.81	52.17	-90.18	-2,026.57	31.53	620.80	520.06	100.74	6.162		
8,500.00	7,234.59	8,618.74	7,237.12	52.68	53.87	-90.23	-2,027.77	-68.45	622.20	517.62	104.59	5.949		
8,600.00	7,234.84	8,718.73	7,237.93	54.65	55.69	-90.29	-2,028.96	-168.43	623.61	515.02	108.59	5.743		
8,700.00	7,235.09	8,818.71	7,238.73	56.70	57.61	-90.34	-2,030.15	-268.40	625.02	512.27	112.75	5.544		
8,800.00	7,235.34	8,918.70	7,239.54	58.82	59.62	-90.39	-2,031.34	-368.38	626.42	509.39	117.03	5.353		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,235.59	9,018.69	7,240.35	61.01	61.71	-90.44	-2,032.53	-468.36	627.83	506.39	121.43	5.170		
9,000.00	7,235.84	9,118.68	7,241.16	63.25	63.87	-90.49	-2,033.72	-568.34	629.24	503.30	125.94	4.996		
9,100.00	7,236.09	9,218.67	7,241.96	65.55	66.09	-90.54	-2,034.91	-668.32	630.64	500.10	130.54	4.831		
9,200.00	7,236.34	9,318.66	7,242.77	67.89	68.36	-90.59	-2,036.11	-768.30	632.05	496.83	135.23	4.674		
9,300.00	7,236.58	9,418.65	7,243.58	70.27	70.68	-90.63	-2,037.30	-868.27	633.46	493.48	139.99	4.525		
9,400.00	7,236.83	9,518.63	7,244.39	72.69	73.04	-90.68	-2,038.49	-968.25	634.87	490.06	144.82	4.384		
9,500.00	7,237.08	9,618.62	7,245.20	75.14	75.44	-90.73	-2,039.68	-1,068.23	636.28	486.58	149.71	4.250		
9,600.00	7,237.33	9,718.61	7,246.00	77.62	77.87	-90.78	-2,040.87	-1,168.21	637.69	483.04	154.65	4.123		
9,700.00	7,237.58	9,818.60	7,246.81	80.12	80.34	-90.83	-2,042.06	-1,268.19	639.10	479.45	159.65	4.003		
9,800.00	7,237.83	9,918.59	7,247.62	82.65	82.82	-90.88	-2,043.25	-1,368.17	640.52	475.82	164.69	3.889		
9,900.00	7,238.08	10,018.58	7,248.43	85.20	85.34	-90.93	-2,044.45	-1,468.14	641.93	472.15	169.78	3.781		
10,000.00	7,238.32	10,118.57	7,249.23	87.77	87.87	-90.97	-2,045.64	-1,568.12	643.34	468.44	174.90	3.678		
10,100.00	7,238.57	10,218.55	7,250.04	90.36	90.43	-91.02	-2,046.83	-1,668.10	644.75	464.69	180.06	3.581		
10,200.00	7,238.82	10,318.54	7,250.85	92.97	93.00	-91.07	-2,048.02	-1,768.08	646.17	460.92	185.25	3.488		
10,300.00	7,239.07	10,418.53	7,251.66	95.59	95.59	-91.12	-2,049.21	-1,868.06	647.58	457.11	190.47	3.400		
10,400.00	7,239.32	10,518.52	7,252.46	98.22	98.20	-91.16	-2,050.40	-1,968.03	648.99	453.28	195.71	3.316		
10,500.00	7,239.57	10,618.51	7,253.27	100.87	100.82	-91.21	-2,051.59	-2,068.01	650.41	449.42	200.99	3.236		
10,600.00	7,239.82	10,718.50	7,254.08	103.52	103.45	-91.26	-2,052.78	-2,167.99	651.82	445.54	206.28	3.160		
10,700.00	7,240.07	10,818.49	7,254.89	106.19	106.10	-91.30	-2,053.98	-2,267.97	653.24	441.64	211.59	3.087		
10,800.00	7,240.31	10,918.47	7,255.70	108.87	108.75	-91.35	-2,055.17	-2,367.95	654.65	437.73	216.93	3.018		
10,900.00	7,240.56	11,018.46	7,256.50	111.56	111.42	-91.39	-2,056.36	-2,467.93	656.07	433.79	222.28	2.952		
11,000.00	7,240.81	11,118.45	7,257.31	114.25	114.09	-91.44	-2,057.55	-2,567.90	657.49	429.84	227.65	2.888		
11,100.00	7,241.06	11,218.44	7,258.12	116.96	116.78	-91.49	-2,058.74	-2,667.88	658.90	425.87	233.04	2.827		
11,200.00	7,241.31	11,318.43	7,258.93	119.67	119.47	-91.53	-2,059.93	-2,767.86	660.32	421.89	238.44	2.769		
11,300.00	7,241.56	11,418.42	7,259.73	122.39	122.17	-91.58	-2,061.12	-2,867.84	661.74	417.89	243.85	2.714		
11,400.00	7,241.81	11,518.41	7,260.54	125.11	124.88	-91.62	-2,062.32	-2,967.82	663.16	413.88	249.27	2.660		
11,500.00	7,242.06	11,618.39	7,261.35	127.84	127.59	-91.67	-2,063.51	-3,067.79	664.58	409.86	254.71	2.609		
11,600.00	7,242.30	11,718.38	7,262.16	130.58	130.31	-91.71	-2,064.70	-3,167.77	666.00	405.83	260.16	2.560		
11,700.00	7,242.55	11,818.37	7,262.96	133.32	133.04	-91.75	-2,065.89	-3,267.75	667.41	401.79	265.62	2.513		
11,800.00	7,242.80	11,918.36	7,263.77	136.07	135.77	-91.80	-2,067.08	-3,367.73	668.83	397.75	271.09	2.467		
11,900.00	7,243.05	12,018.35	7,264.58	138.82	138.50	-91.84	-2,068.27	-3,467.71	670.26	393.69	276.57	2.423		
12,000.00	7,243.30	12,118.34	7,265.39	141.58	141.24	-91.89	-2,069.46	-3,567.69	671.68	389.62	282.05	2.381		
12,100.00	7,243.55	12,218.33	7,266.20	144.34	143.99	-91.93	-2,070.66	-3,667.66	673.10	385.55	287.55	2.341		
12,200.00	7,243.80	12,318.31	7,267.00	147.10	146.74	-91.97	-2,071.85	-3,767.64	674.52	381.47	293.05	2.302		
12,300.00	7,244.04	12,418.30	7,267.81	149.87	149.49	-92.02	-2,073.04	-3,867.62	675.94	377.38	298.56	2.264		
12,400.00	7,244.29	12,518.29	7,268.62	152.64	152.25	-92.06	-2,074.23	-3,967.60	677.36	373.29	304.08	2.228		
12,500.00	7,244.54	12,618.28	7,269.43	155.41	155.01	-92.10	-2,075.42	-4,067.58	678.79	369.19	309.60	2.192		
12,600.00	7,244.79	12,718.27	7,270.23	158.19	157.78	-92.15	-2,076.61	-4,167.56	680.21	365.08	315.13	2.159		
12,700.00	7,245.04	12,818.26	7,271.04	160.97	160.55	-92.19	-2,077.80	-4,267.53	681.63	360.97	320.66	2.126		
12,800.00	7,245.29	12,918.25	7,271.85	163.75	163.32	-92.23	-2,079.00	-4,367.51	683.06	356.86	326.20	2.094		
12,900.00	7,245.54	13,018.23	7,272.66	166.54	166.09	-92.27	-2,080.19	-4,467.49	684.48	352.74	331.74	2.063		
13,000.00	7,245.79	13,118.22	7,273.46	169.33	168.87	-92.32	-2,081.38	-4,567.47	685.90	348.61	337.29	2.034		
13,100.00	7,246.03	13,218.21	7,274.27	172.12	171.65	-92.36	-2,082.57	-4,667.45	687.33	344.48	342.85	2.005		
13,200.00	7,246.28	13,318.20	7,275.08	174.91	174.43	-92.40	-2,083.76	-4,767.42	688.75	340.35	348.40	1.977		
13,300.00	7,246.53	13,418.19	7,275.89	177.71	177.21	-92.44	-2,084.95	-4,867.40	690.18	336.21	353.97	1.950		
13,400.00	7,246.78	13,518.18	7,276.70	180.50	180.00	-92.48	-2,086.14	-4,967.38	691.61	332.07	359.53	1.924 SF		
13,500.00	7,247.03	13,555.88	7,277.00	183.30	181.05	-92.50	-2,086.59	-5,005.08	695.82	334.79	361.03	1.927		
13,600.00	7,247.28	13,555.88	7,277.00	186.10	181.05	-92.50	-2,086.59	-5,005.08	713.17	358.56	354.61	2.011		
13,700.00	7,247.53	13,555.88	7,277.00	188.91	181.05	-92.50	-2,086.59	-5,005.08	743.66	401.00	342.67	2.170		
13,800.00	7,247.77	13,555.88	7,277.00	191.71	181.05	-92.50	-2,086.59	-5,005.08	785.79	458.71	327.08	2.402		
13,900.00	7,248.02	13,555.88	7,277.00	194.52	181.05	-92.50	-2,086.59	-5,005.08	837.80	528.12	309.68	2.705		
14,000.00	7,248.27	13,555.88	7,277.00	197.32	181.05	-92.50	-2,086.59	-5,005.08	897.96	606.05	291.91	3.076		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	13,555.88	7,277.00	200.13	181.05	-92.50	-2,086.59	-5,005.08	964.76	690.05	274.72	3.512		
14,200.00	7,248.77	13,555.88	7,277.00	202.94	181.05	-92.50	-2,086.59	-5,005.08	1,036.92	778.29	258.63	4.009		
14,300.00	7,249.02	13,555.88	7,277.00	205.76	181.05	-92.50	-2,086.59	-5,005.08	1,113.39	869.49	243.89	4.565		
14,400.00	7,249.27	13,555.88	7,277.00	208.57	181.05	-92.50	-2,086.59	-5,005.08	1,193.34	962.78	230.56	5.176		
14,500.00	7,249.52	13,555.88	7,277.00	211.38	181.05	-92.50	-2,086.59	-5,005.08	1,276.12	1,057.55	218.58	5.838		
14,600.00	7,249.76	13,555.88	7,277.00	214.20	181.05	-92.50	-2,086.59	-5,005.08	1,361.22	1,153.37	207.85	6.549		
14,700.00	7,250.01	13,555.88	7,277.00	217.02	181.05	-92.50	-2,086.59	-5,005.08	1,448.23	1,249.96	198.27	7.304		
14,800.00	7,250.26	13,555.88	7,277.00	219.84	181.05	-92.50	-2,086.59	-5,005.08	1,536.81	1,347.11	189.70	8.101		
14,900.00	7,250.51	13,555.88	7,277.00	222.65	181.05	-92.50	-2,086.59	-5,005.08	1,626.72	1,444.69	182.03	8.937		
15,000.00	7,250.76	13,555.88	7,277.00	225.48	181.05	-92.50	-2,086.59	-5,005.08	1,717.75	1,542.60	175.15	9.807		
15,100.00	7,251.01	13,555.88	7,277.00	228.30	181.05	-92.50	-2,086.59	-5,005.08	1,809.72	1,640.75	168.97	10.710		
15,200.00	7,251.26	13,555.88	7,277.00	231.12	181.05	-92.50	-2,086.59	-5,005.08	1,902.50	1,739.10	163.41	11.643		
15,300.00	7,251.50	13,555.88	7,277.00	233.94	181.05	-92.50	-2,086.59	-5,005.08	1,995.98	1,837.60	158.39	12.602		
15,400.00	7,251.75	13,555.88	7,277.00	236.77	181.05	-92.50	-2,086.59	-5,005.08	2,090.07	1,936.23	153.84	13.586		
15,500.00	7,252.00	13,555.88	7,277.00	239.59	181.05	-92.50	-2,086.59	-5,005.08	2,184.68	2,034.96	149.72	14.592		
15,600.00	7,252.25	13,555.88	7,277.00	242.42	181.05	-92.50	-2,086.59	-5,005.08	2,279.75	2,133.78	145.97	15.618		
15,700.00	7,252.50	13,555.88	7,277.00	245.24	181.05	-92.50	-2,086.59	-5,005.08	2,375.22	2,232.67	142.55	16.662		
15,800.00	7,252.75	13,555.88	7,277.00	248.07	181.05	-92.50	-2,086.59	-5,005.08	2,471.05	2,331.62	139.43	17.722		
15,900.00	7,253.00	13,555.88	7,277.00	250.90	181.05	-92.50	-2,086.59	-5,005.08	2,567.21	2,430.63	136.58	18.797		
16,000.00	7,253.25	13,555.88	7,277.00	253.73	181.05	-92.50	-2,086.59	-5,005.08	2,663.64	2,529.68	133.96	19.884		
16,100.00	7,253.49	13,555.88	7,277.00	256.56	181.05	-92.50	-2,086.59	-5,005.08	2,760.33	2,628.78	131.55	20.983		
16,200.00	7,253.74	13,555.88	7,277.00	259.39	181.05	-92.50	-2,086.59	-5,005.08	2,857.24	2,727.91	129.33	22.092		
16,300.00	7,253.99	13,555.88	7,277.00	262.22	181.05	-92.50	-2,086.59	-5,005.08	2,954.37	2,827.08	127.29	23.210		
16,400.00	7,254.24	13,555.88	7,277.00	265.05	181.05	-92.50	-2,086.59	-5,005.08	3,051.67	2,926.27	125.40	24.335		
16,500.00	7,254.49	13,555.88	7,277.00	267.88	181.05	-92.50	-2,086.59	-5,005.08	3,149.15	3,025.50	123.65	25.468		
16,600.00	7,254.74	13,555.88	7,277.00	270.72	181.05	-92.50	-2,086.59	-5,005.08	3,246.78	3,124.75	122.03	26.606		
16,700.00	7,254.99	13,555.88	7,277.00	273.55	181.05	-92.50	-2,086.59	-5,005.08	3,344.55	3,224.02	120.53	27.749		
16,800.00	7,255.24	13,555.88	7,277.00	276.38	181.05	-92.50	-2,086.59	-5,005.08	3,442.45	3,323.32	119.13	28.897		
16,900.00	7,255.48	13,555.88	7,277.00	279.22	181.05	-92.50	-2,086.59	-5,005.08	3,540.46	3,422.63	117.83	30.048		
17,000.00	7,255.73	13,555.88	7,277.00	282.05	181.05	-92.50	-2,086.59	-5,005.08	3,638.58	3,521.97	116.62	31.202		
17,100.00	7,255.98	13,555.88	7,277.00	284.89	181.05	-92.50	-2,086.59	-5,005.08	3,736.81	3,621.32	115.48	32.358		
17,200.00	7,256.23	13,555.88	7,277.00	287.73	181.05	-92.50	-2,086.59	-5,005.08	3,835.12	3,720.69	114.43	33.516		
17,300.00	7,256.48	13,555.88	7,277.00	290.56	181.05	-92.50	-2,086.59	-5,005.08	3,933.52	3,820.08	113.44	34.675		
17,400.00	7,256.73	13,555.88	7,277.00	293.40	181.05	-92.50	-2,086.59	-5,005.08	4,032.00	3,919.49	112.52	35.835		
17,500.00	7,256.98	13,555.88	7,277.00	296.24	181.05	-92.50	-2,086.59	-5,005.08	4,130.55	4,018.90	111.65	36.996		
17,600.00	7,257.22	13,555.88	7,277.00	299.07	181.05	-92.50	-2,086.59	-5,005.08	4,229.17	4,118.33	110.84	38.157		
17,700.00	7,257.47	13,555.88	7,277.00	301.91	181.05	-92.50	-2,086.59	-5,005.08	4,327.85	4,217.78	110.07	39.317		
17,800.00	7,257.72	13,555.88	7,277.00	304.75	181.05	-92.50	-2,086.59	-5,005.08	4,426.60	4,317.24	109.36	40.478		
17,900.00	7,257.97	13,555.88	7,277.00	307.59	181.05	-92.50	-2,086.59	-5,005.08	4,525.39	4,416.71	108.69	41.637		
18,000.00	7,258.22	13,555.88	7,277.00	310.43	181.05	-92.50	-2,086.59	-5,005.08	4,624.24	4,516.19	108.05	42.796		
18,100.00	7,258.47	13,555.88	7,277.00	313.27	181.05	-92.50	-2,086.59	-5,005.08	4,723.14	4,615.68	107.46	43.953		
18,200.00	7,258.72	13,555.88	7,277.00	316.11	181.05	-92.50	-2,086.59	-5,005.08	4,822.08	4,715.18	106.90	45.109		
18,300.00	7,258.97	13,555.88	7,277.00	318.95	181.05	-92.50	-2,086.59	-5,005.08	4,921.07	4,814.70	106.37	46.263		
18,400.00	7,259.21	13,555.88	7,277.00	321.79	181.05	-92.50	-2,086.59	-5,005.08	5,020.09	4,914.22	105.87	47.415		
18,500.00	7,259.46	13,555.88	7,277.00	324.63	181.05	-92.50	-2,086.59	-5,005.08	5,119.16	5,013.75	105.41	48.566		
18,600.00	7,259.71	13,555.88	7,277.00	327.48	181.05	-92.50	-2,086.59	-5,005.08	5,218.26	5,113.29	104.96	49.715		
18,700.00	7,259.96	13,555.88	7,277.00	330.32	181.05	-92.50	-2,086.59	-5,005.08	5,317.39	5,212.84	104.55	50.861		
18,800.00	7,260.21	13,555.88	7,277.00	333.16	181.05	-92.50	-2,086.59	-5,005.08	5,416.56	5,312.40	104.15	52.005		
18,900.00	7,260.46	13,555.88	7,277.00	336.00	181.05	-92.50	-2,086.59	-5,005.08	5,515.75	5,411.97	103.78	53.147		
19,000.00	7,260.71	13,555.88	7,277.00	338.85	181.05	-92.50	-2,086.59	-5,005.08	5,614.97	5,511.54	103.43	54.286		
19,100.00	7,260.95	13,555.88	7,277.00	341.69	181.05	-92.50	-2,086.59	-5,005.08	5,714.23	5,611.12	103.10	55.423		
19,118.22	7,261.00	13,555.88	7,277.00	342.21	181.05	-92.50	-2,086.59	-5,005.08	5,732.31	5,629.27	103.04	55.630		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-29.87	-0.28	29.87					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-29.87	-0.28	29.87	23.31	6.57	4.548		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-29.87	-0.28	29.87	23.20	6.67	4.476	CC, ES	
300.00	300.00	299.13	299.11	3.44	3.44	178.68	-31.27	0.72	31.29	24.40	6.89	4.540		
400.00	399.98	398.11	397.95	3.60	3.59	39.34	-35.44	3.71	34.33	27.11	7.21	4.760		
500.00	499.84	496.98	496.45	3.79	3.79	37.52	-42.37	8.69	37.67	30.05	7.62	4.941		
600.00	599.45	595.72	594.47	4.03	4.03	36.58	-52.05	15.63	41.27	33.15	8.12	5.082		
700.00	698.70	694.35	691.90	4.30	4.30	36.32	-64.45	24.52	45.09	36.40	8.69	5.191		
800.00	797.47	792.84	788.62	4.60	4.62	36.59	-79.54	35.35	49.12	39.81	9.31	5.276		
900.00	895.62	891.21	884.53	4.94	4.98	37.26	-97.31	48.09	53.37	43.39	9.98	5.346		
1,000.00	993.06	989.46	979.50	5.32	5.37	38.23	-117.71	62.72	57.84	47.13	10.71	5.402		
1,100.00	1,089.64	1,087.58	1,073.44	5.73	5.80	39.42	-140.71	79.22	62.54	51.07	11.47	5.451		
1,131.50	1,119.87	1,118.46	1,102.80	5.87	5.94	39.83	-148.49	84.80	64.07	52.35	11.72	5.465		
1,200.00	1,185.51	1,185.53	1,166.21	6.18	6.26	40.38	-166.27	97.55	68.11	55.82	12.28	5.546		
1,300.00	1,281.33	1,285.16	1,259.93	6.65	6.77	40.50	-193.73	117.25	75.15	62.03	13.13	5.724		
1,400.00	1,377.14	1,384.91	1,353.77	7.13	7.30	40.61	-221.23	136.97	82.21	68.20	14.01	5.867		
1,500.00	1,472.96	1,484.66	1,447.60	7.63	7.85	40.69	-248.72	156.69	89.26	74.34	14.92	5.981		
1,600.00	1,568.78	1,584.42	1,541.44	8.14	8.40	40.76	-276.22	176.41	96.32	80.46	15.86	6.074		
1,700.00	1,664.60	1,684.17	1,635.28	8.66	8.97	40.83	-303.72	196.14	103.37	86.56	16.81	6.149		
1,800.00	1,760.41	1,783.92	1,729.11	9.19	9.55	40.88	-331.21	215.86	110.43	92.65	17.78	6.211		
1,900.00	1,856.23	1,883.67	1,822.95	9.73	10.14	40.93	-358.71	235.58	117.48	98.72	18.76	6.262		
2,000.00	1,952.05	1,983.42	1,916.78	10.27	10.73	40.97	-386.21	255.30	124.54	104.78	19.76	6.304		
2,100.00	2,047.86	2,083.17	2,010.62	10.81	11.32	41.01	-413.70	275.03	131.59	110.83	20.76	6.338		
2,200.00	2,143.68	2,182.92	2,104.46	11.36	11.92	41.04	-441.20	294.75	138.65	116.88	21.77	6.368		
2,300.00	2,239.50	2,282.67	2,198.29	11.92	12.53	41.07	-468.70	314.47	145.70	122.91	22.79	6.392		
2,400.00	2,335.32	2,382.42	2,292.13	12.47	13.14	41.10	-496.20	334.19	152.76	128.94	23.82	6.413		
2,500.00	2,431.13	2,482.17	2,385.96	13.03	13.75	41.13	-523.69	353.91	159.82	134.96	24.85	6.430		
2,600.00	2,526.95	2,581.92	2,479.80	13.59	14.36	41.15	-551.19	373.64	166.87	140.98	25.89	6.445		
2,700.00	2,622.77	2,681.67	2,573.64	14.15	14.97	41.17	-578.69	393.36	173.93	146.99	26.93	6.458		
2,800.00	2,718.59	2,781.42	2,667.47	14.72	15.59	41.19	-606.18	413.08	180.98	153.00	27.98	6.468		
2,900.00	2,814.40	2,881.18	2,761.31	15.29	16.21	41.21	-633.68	432.80	188.04	159.01	29.03	6.478		
3,000.00	2,910.22	2,980.93	2,855.14	15.85	16.83	41.23	-661.18	452.52	195.09	165.01	30.08	6.485		
3,100.00	3,006.04	3,080.68	2,948.98	16.42	17.45	41.24	-688.67	472.25	202.15	171.01	31.14	6.492		
3,200.00	3,101.85	3,180.43	3,042.81	16.99	18.07	41.26	-716.17	491.97	209.20	177.01	32.19	6.498		
3,300.00	3,197.67	3,280.18	3,136.65	17.56	18.70	41.27	-743.67	511.69	216.26	183.01	33.25	6.503		
3,400.00	3,293.49	3,379.93	3,230.49	18.14	19.32	41.28	-771.16	531.41	223.32	189.00	34.32	6.507		
3,500.00	3,389.31	3,479.68	3,324.32	18.71	19.95	41.30	-798.66	551.14	230.37	194.99	35.38	6.511		
3,600.00	3,485.12	3,579.43	3,418.16	19.28	20.57	41.31	-826.16	570.86	237.43	200.98	36.45	6.514		
3,700.00	3,580.94	3,679.18	3,511.99	19.86	21.20	41.32	-853.66	590.58	244.48	206.97	37.51	6.517		
3,800.00	3,676.76	3,778.93	3,605.83	20.43	21.83	41.33	-881.15	610.30	251.54	212.95	38.58	6.519		
3,900.00	3,772.58	3,878.68	3,699.67	21.01	22.46	41.34	-908.65	630.02	258.59	218.94	39.65	6.521		
4,000.00	3,868.39	3,978.43	3,793.50	21.58	23.08	41.35	-936.15	649.75	265.65	224.92	40.73	6.523		
4,100.00	3,964.21	4,078.18	3,887.34	22.16	23.71	41.36	-963.64	669.47	272.70	230.91	41.80	6.524		
4,200.00	4,060.03	4,177.94	3,981.17	22.74	24.34	41.36	-991.14	689.19	279.76	236.89	42.87	6.526		
4,300.00	4,155.85	4,277.69	4,075.01	23.32	24.97	41.37	-1,018.64	708.91	286.82	242.87	43.95	6.527		
4,400.00	4,251.66	4,377.44	4,168.85	23.89	25.60	41.38	-1,046.13	728.64	293.87	248.85	45.02	6.527		
4,500.00	4,347.48	4,477.19	4,262.68	24.47	26.23	41.39	-1,073.63	748.36	300.93	254.83	46.10	6.528		
4,600.00	4,443.30	4,576.94	4,356.52	25.05	26.87	41.39	-1,101.13	768.08	307.98	260.81	47.17	6.529		
4,700.00	4,539.11	4,676.69	4,450.35	25.63	27.50	41.40	-1,128.62	787.80	315.04	266.79	48.25	6.529		
4,800.00	4,634.93	4,776.44	4,544.19	26.21	28.13	41.41	-1,156.12	807.52	322.09	272.76	49.33	6.529		
4,900.00	4,730.75	4,876.19	4,638.02	26.79	28.76	41.41	-1,183.62	827.25	329.15	278.74	50.41	6.529		
5,000.00	4,826.57	4,975.94	4,731.86	27.37	29.39	41.42	-1,211.11	846.97	336.21	284.72	51.49	6.530		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	5,075.69	4,825.70	27.95	30.03	41.42	-1,238.61	866.69	343.26	290.69	52.57	6.530		
5,200.00	5,018.20	5,175.44	4,919.53	28.53	30.66	41.43	-1,266.11	886.41	350.32	296.67	53.65	6.530		
5,300.00	5,114.02	5,275.19	5,013.37	29.11	31.29	41.43	-1,293.61	906.13	357.37	302.64	54.73	6.529		
5,400.00	5,209.84	5,374.94	5,107.20	29.69	31.93	41.44	-1,321.10	925.86	364.43	308.61	55.81	6.529		
5,500.00	5,305.65	5,474.70	5,201.04	30.27	32.56	41.44	-1,348.60	945.58	371.48	314.59	56.90	6.529		
5,600.00	5,401.47	5,574.45	5,294.88	30.86	33.19	41.45	-1,376.10	965.30	378.54	320.56	57.98	6.529		
5,700.00	5,497.29	5,674.20	5,388.71	31.44	33.83	41.45	-1,403.59	985.02	385.60	326.53	59.06	6.529		
5,800.00	5,593.10	5,773.95	5,482.55	32.02	34.46	41.45	-1,431.09	1,004.75	392.65	332.51	60.15	6.528		
5,900.00	5,688.92	5,873.70	5,576.38	32.60	35.10	41.46	-1,458.59	1,024.47	399.71	338.48	61.23	6.528		
6,000.00	5,784.74	5,973.45	5,670.22	33.18	35.73	41.46	-1,486.08	1,044.19	406.76	344.45	62.31	6.528		
6,100.00	5,880.56	6,073.20	5,764.06	33.76	36.36	41.47	-1,513.58	1,063.91	413.82	350.42	63.40	6.527		
6,200.00	5,976.37	6,172.95	5,857.89	34.35	37.00	41.47	-1,541.08	1,083.63	420.87	356.39	64.48	6.527		
6,300.00	6,072.19	6,272.70	5,951.73	34.93	37.63	41.47	-1,568.57	1,103.36	427.93	362.36	65.57	6.526		
6,400.00	6,168.01	6,372.45	6,045.56	35.51	38.27	41.48	-1,596.07	1,123.08	434.99	368.33	66.65	6.526		
6,500.00	6,263.83	6,472.20	6,139.40	36.09	38.90	41.48	-1,623.57	1,142.80	442.04	374.30	67.74	6.526		
6,600.00	6,359.64	6,571.95	6,233.23	36.68	39.54	41.48	-1,651.07	1,162.52	449.10	380.27	68.83	6.525		
6,700.00	6,455.46	6,671.70	6,327.07	37.26	40.17	41.49	-1,678.56	1,182.25	456.15	386.24	69.91	6.525		
6,733.48	6,487.54	6,705.20	6,358.69	37.45	40.38	41.56	-1,687.82	1,188.27	458.51	388.23	70.29	6.524		
6,750.00	6,503.41	6,721.70	6,374.37	37.55	40.48	37.86	-1,692.41	1,190.61	459.68	389.21	70.47	6.523		
6,800.00	6,551.83	6,771.55	6,422.00	37.82	40.75	23.49	-1,706.35	1,195.10	463.24	392.23	71.01	6.524		
6,850.00	6,600.62	6,821.22	6,469.67	38.05	40.98	4.70	-1,720.27	1,195.69	466.83	395.33	71.49	6.530		
6,900.00	6,649.47	6,870.74	6,517.08	38.25	41.18	-15.13	-1,734.11	1,192.43	470.42	398.49	71.93	6.540		
6,950.00	6,698.08	6,920.10	6,563.97	38.42	41.35	-31.52	-1,747.77	1,185.37	474.00	401.66	72.34	6.552		
7,000.00	6,746.15	6,969.31	6,610.06	38.57	41.50	-43.17	-1,761.19	1,174.59	477.54	404.80	72.74	6.565		
7,050.00	6,793.39	7,018.38	6,655.10	38.71	41.62	-51.07	-1,774.27	1,160.18	481.02	407.90	73.12	6.578		
7,100.00	6,839.50	7,067.32	6,698.82	38.84	41.74	-56.47	-1,786.96	1,142.25	484.41	410.90	73.51	6.590		
7,150.00	6,884.20	7,116.14	6,740.99	38.97	41.85	-60.25	-1,799.19	1,120.94	487.69	413.79	73.91	6.599		
7,200.00	6,927.21	7,164.85	6,781.38	39.11	41.95	-62.95	-1,810.87	1,096.39	490.85	416.53	74.32	6.604		
7,250.00	6,968.28	7,213.45	6,819.78	39.25	42.06	-64.93	-1,821.96	1,068.75	493.86	419.10	74.77	6.605		
7,300.00	7,007.13	7,261.95	6,855.98	39.41	42.18	-66.40	-1,832.40	1,038.21	496.71	421.46	75.24	6.601		
7,350.00	7,043.55	7,310.38	6,889.79	39.58	42.30	-67.51	-1,842.12	1,004.96	499.36	423.61	75.76	6.592		
7,400.00	7,077.29	7,358.72	6,921.03	39.77	42.44	-68.35	-1,851.09	969.18	501.82	425.50	76.32	6.575		
7,450.00	7,108.16	7,407.00	6,949.54	39.98	42.59	-69.00	-1,859.24	931.10	504.05	427.11	76.94	6.552		
7,500.00	7,135.96	7,455.22	6,975.17	40.22	42.77	-69.50	-1,866.55	890.92	506.05	428.44	77.61	6.520		
7,550.00	7,160.53	7,503.40	6,997.79	40.49	42.96	-69.89	-1,872.97	848.89	507.81	429.45	78.36	6.481		
7,600.00	7,181.70	7,551.53	7,017.29	40.79	43.18	-70.19	-1,878.47	805.24	509.31	430.14	79.17	6.433		
7,650.00	7,199.35	7,599.64	7,033.55	41.13	43.43	-70.42	-1,883.02	760.21	510.54	430.49	80.05	6.378		
7,700.00	7,213.38	7,647.72	7,046.51	41.51	43.71	-70.59	-1,886.59	714.06	511.49	430.49	81.00	6.315		
7,750.00	7,223.68	7,695.79	7,056.08	41.93	44.02	-70.72	-1,889.18	667.03	512.17	430.15	82.02	6.244		
7,800.00	7,230.21	7,743.86	7,062.22	42.38	44.37	-70.81	-1,890.75	619.40	512.56	429.46	83.10	6.168		
7,850.00	7,232.92	7,807.09	7,064.94	42.87	44.87	-70.87	-1,891.33	571.71	512.66	428.25	84.41	6.073		
7,858.69	7,233.00	7,800.32	7,065.01	42.95	44.81	-70.87	-1,891.31	563.02	512.66	428.22	84.43	6.072		
7,900.00	7,233.10	7,841.63	7,065.35	43.38	45.18	-70.90	-1,891.23	521.72	512.58	427.09	85.48	5.996		
8,000.00	7,233.35	7,941.63	7,066.18	44.56	46.18	-70.96	-1,891.02	421.72	512.39	424.21	88.18	5.811		
8,100.00	7,233.60	8,041.63	7,067.00	45.91	47.35	-71.02	-1,890.81	321.73	512.21	421.08	91.12	5.621		
8,200.00	7,233.85	8,141.62	7,067.83	47.41	48.70	-71.08	-1,890.60	221.73	512.02	417.73	94.29	5.430		
8,300.00	7,234.10	8,241.62	7,068.65	49.05	50.20	-71.14	-1,890.39	121.74	511.84	414.17	97.66	5.241		
8,400.00	7,234.35	8,341.62	7,069.48	50.81	51.85	-71.20	-1,890.18	21.74	511.65	410.43	101.22	5.055		
8,500.00	7,234.59	8,441.62	7,070.31	52.68	53.62	-71.26	-1,889.97	-78.25	511.47	406.53	104.94	4.874		
8,600.00	7,234.84	8,541.62	7,071.13	54.65	55.51	-71.33	-1,889.76	-178.25	511.29	402.48	108.81	4.699		
8,700.00	7,235.09	8,641.62	7,071.96	56.70	57.49	-71.39	-1,889.56	-278.24	511.11	398.29	112.81	4.531		
8,800.00	7,235.34	8,741.61	7,072.78	58.82	59.55	-71.45	-1,889.35	-378.24	510.92	393.99	116.94	4.369		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,235.59	8,841.61	7,073.61	61.01	61.69	-71.51	-1,889.14	-478.23	510.74	389.57	121.17	4.215		
9,000.00	7,235.84	8,941.61	7,074.44	63.25	63.89	-71.57	-1,888.93	-578.23	510.56	385.06	125.50	4.068		
9,100.00	7,236.09	9,041.61	7,075.26	65.55	66.15	-71.63	-1,888.72	-678.22	510.38	380.46	129.92	3.928		
9,200.00	7,236.34	9,141.61	7,076.09	67.89	68.45	-71.69	-1,888.51	-778.22	510.20	375.78	134.42	3.795		
9,300.00	7,236.58	9,241.61	7,076.91	70.27	70.80	-71.76	-1,888.30	-878.21	510.02	371.03	139.00	3.669		
9,400.00	7,236.83	9,341.60	7,077.74	72.69	73.20	-71.82	-1,888.09	-978.20	509.85	366.21	143.64	3.549		
9,500.00	7,237.08	9,441.60	7,078.57	75.14	75.62	-71.88	-1,887.88	-1,078.20	509.67	361.33	148.34	3.436		
9,600.00	7,237.33	9,541.60	7,079.39	77.62	78.08	-71.94	-1,887.67	-1,178.19	509.49	356.39	153.10	3.328		
9,700.00	7,237.58	9,641.60	7,080.22	80.12	80.57	-72.00	-1,887.46	-1,278.19	509.32	351.41	157.91	3.225		
9,800.00	7,237.83	9,741.60	7,081.04	82.65	83.08	-72.06	-1,887.25	-1,378.18	509.14	346.38	162.76	3.128		
9,900.00	7,238.08	9,841.60	7,081.87	85.20	85.61	-72.13	-1,887.05	-1,478.18	508.97	341.31	167.66	3.036		
10,000.00	7,238.32	9,941.59	7,082.69	87.77	88.17	-72.19	-1,886.84	-1,578.17	508.79	336.20	172.59	2.948		
10,100.00	7,238.57	10,041.59	7,083.52	90.36	90.74	-72.25	-1,886.63	-1,678.17	508.62	331.05	177.57	2.864		
10,200.00	7,238.82	10,141.59	7,084.35	92.97	93.34	-72.31	-1,886.42	-1,778.16	508.44	325.87	182.57	2.785		
10,300.00	7,239.07	10,241.59	7,085.17	95.59	95.94	-72.37	-1,886.21	-1,878.16	508.27	320.66	187.61	2.709		
10,400.00	7,239.32	10,341.59	7,086.00	98.22	98.57	-72.44	-1,886.00	-1,978.15	508.10	315.42	192.68	2.637		
10,500.00	7,239.57	10,441.59	7,086.82	100.87	101.20	-72.50	-1,885.79	-2,078.15	507.93	310.16	197.77	2.568		
10,600.00	7,239.82	10,541.58	7,087.65	103.52	103.85	-72.56	-1,885.58	-2,178.14	507.76	304.87	202.89	2.503		
10,700.00	7,240.07	10,641.58	7,088.48	106.19	106.51	-72.62	-1,885.37	-2,278.14	507.59	299.55	208.03	2.440		
10,800.00	7,240.31	10,741.58	7,089.30	108.87	109.18	-72.69	-1,885.16	-2,378.13	507.42	294.22	213.20	2.380		
10,900.00	7,240.56	10,841.58	7,090.13	111.56	111.86	-72.75	-1,884.95	-2,478.13	507.25	288.86	218.39	2.323		
11,000.00	7,240.81	10,941.58	7,090.95	114.25	114.55	-72.81	-1,884.74	-2,578.12	507.08	283.49	223.59	2.268		
11,100.00	7,241.06	11,041.58	7,091.78	116.96	117.25	-72.87	-1,884.54	-2,678.11	506.91	278.10	228.82	2.215		
11,200.00	7,241.31	11,141.57	7,092.61	119.67	119.95	-72.94	-1,884.33	-2,778.11	506.75	272.69	234.06	2.165		
11,300.00	7,241.56	11,241.57	7,093.43	122.39	122.67	-73.00	-1,884.12	-2,878.10	506.58	267.26	239.32	2.117		
11,400.00	7,241.81	11,341.57	7,094.26	125.11	125.38	-73.06	-1,883.91	-2,978.10	506.41	261.82	244.59	2.070		
11,500.00	7,242.06	11,441.57	7,095.08	127.84	128.11	-73.12	-1,883.70	-3,078.09	506.25	256.37	249.88	2.026		
11,600.00	7,242.30	11,541.57	7,095.91	130.58	130.84	-73.19	-1,883.49	-3,178.09	506.08	250.90	255.18	1.983		
11,700.00	7,242.55	11,641.57	7,096.73	133.32	133.58	-73.25	-1,883.28	-3,278.08	505.92	245.42	260.50	1.942		
11,800.00	7,242.80	11,741.56	7,097.56	136.07	136.32	-73.31	-1,883.07	-3,378.08	505.75	239.92	265.83	1.903		
11,900.00	7,243.05	11,841.56	7,098.39	138.82	139.07	-73.37	-1,882.86	-3,478.07	505.59	234.42	271.17	1.864		
12,000.00	7,243.30	11,941.56	7,099.21	141.58	141.82	-73.44	-1,882.65	-3,578.07	505.43	228.90	276.52	1.828		
12,100.00	7,243.55	12,041.56	7,100.04	144.34	144.57	-73.50	-1,882.44	-3,678.06	505.27	223.38	281.89	1.792		
12,200.00	7,243.80	12,141.56	7,100.86	147.10	147.33	-73.56	-1,882.23	-3,778.06	505.11	217.84	287.26	1.758		
12,300.00	7,244.04	12,241.56	7,101.69	149.87	150.10	-73.62	-1,882.03	-3,878.05	504.95	212.30	292.65	1.725		
12,400.00	7,244.29	12,341.55	7,102.52	152.64	152.86	-73.69	-1,881.82	-3,978.05	504.79	206.74	298.05	1.694		
12,500.00	7,244.54	12,441.55	7,103.34	155.41	155.64	-73.75	-1,881.61	-4,078.04	504.63	201.18	303.45	1.663		
12,600.00	7,244.79	12,541.55	7,104.17	158.19	158.41	-73.81	-1,881.40	-4,178.04	504.47	195.60	308.86	1.633		
12,700.00	7,245.04	12,641.55	7,104.99	160.97	161.19	-73.88	-1,881.19	-4,278.03	504.31	190.02	314.29	1.605		
12,800.00	7,245.29	12,741.55	7,105.82	163.75	163.97	-73.94	-1,880.98	-4,378.02	504.15	184.43	319.72	1.577		
12,900.00	7,245.54	12,841.55	7,106.65	166.54	166.75	-74.00	-1,880.77	-4,478.02	503.99	178.84	325.16	1.550		
13,000.00	7,245.79	12,941.54	7,107.47	169.33	169.53	-74.07	-1,880.56	-4,578.01	503.84	173.23	330.61	1.524		
13,100.00	7,246.03	13,041.54	7,108.30	172.12	172.32	-74.13	-1,880.35	-4,678.01	503.68	167.62	336.06	1.499 Level 3		
13,200.00	7,246.28	13,141.54	7,109.12	174.91	175.11	-74.19	-1,880.14	-4,778.00	503.53	162.00	341.52	1.474 Level 3		
13,300.00	7,246.53	13,241.54	7,109.95	177.71	177.90	-74.26	-1,879.93	-4,878.00	503.37	156.38	346.99	1.451 Level 3		
13,400.00	7,246.78	13,341.54	7,110.77	180.50	180.70	-74.32	-1,879.72	-4,977.99	503.22	150.75	352.47	1.428 Level 3		
13,429.84	7,246.85	13,371.37	7,111.02	181.34	181.53	-74.34	-1,879.66	-5,007.83	503.17	149.07	354.10	1.421 Level 3, SF		
13,500.00	7,247.03	13,368.87	7,111.00	183.30	181.46	-74.34	-1,879.67	-5,005.32	508.29	156.56	351.73	1.445 Level 3		
13,600.00	7,247.28	13,368.87	7,111.00	186.10	181.46	-74.34	-1,879.67	-5,005.32	531.73	193.21	338.52	1.571		
13,700.00	7,247.53	13,368.87	7,111.00	188.91	181.46	-74.34	-1,879.67	-5,005.32	571.94	254.48	317.46	1.802		
13,800.00	7,247.77	13,368.87	7,111.00	191.71	181.46	-74.34	-1,879.67	-5,005.32	625.70	332.46	293.23	2.134		
13,900.00	7,248.02	13,368.87	7,111.00	194.52	181.46	-74.34	-1,879.67	-5,005.32	689.84	420.63	269.21	2.562		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	13,368.87	7,111.00	197.32	181.46	-74.34	-1,879.67	-5,005.32	761.75	514.60	247.15	3.082		
14,100.00	7,248.52	13,368.87	7,111.00	200.13	181.46	-74.34	-1,879.67	-5,005.32	839.43	611.73	227.69	3.687		
14,200.00	7,248.77	13,368.87	7,111.00	202.94	181.46	-74.34	-1,879.67	-5,005.32	921.42	710.56	210.86	4.370		
14,300.00	7,249.02	13,368.87	7,111.00	205.76	181.46	-74.34	-1,879.67	-5,005.32	1,006.68	810.24	196.43	5.125		
14,400.00	7,249.27	13,368.87	7,111.00	208.57	181.46	-74.34	-1,879.67	-5,005.32	1,094.43	910.34	184.09	5.945		
14,500.00	7,249.52	13,368.87	7,111.00	211.38	181.46	-74.34	-1,879.67	-5,005.32	1,184.13	1,010.61	173.51	6.824		
14,600.00	7,249.76	13,368.87	7,111.00	214.20	181.46	-74.34	-1,879.67	-5,005.32	1,275.36	1,110.93	164.42	7.757		
14,700.00	7,250.01	13,368.87	7,111.00	217.02	181.46	-74.34	-1,879.67	-5,005.32	1,367.81	1,211.23	156.58	8.736		
14,800.00	7,250.26	13,368.87	7,111.00	219.84	181.46	-74.34	-1,879.67	-5,005.32	1,461.26	1,311.48	149.78	9.756		
14,900.00	7,250.51	13,368.87	7,111.00	222.65	181.46	-74.34	-1,879.67	-5,005.32	1,555.53	1,411.67	143.86	10.813		
15,000.00	7,250.76	13,368.87	7,111.00	225.48	181.46	-74.34	-1,879.67	-5,005.32	1,650.47	1,511.79	138.68	11.901		
15,100.00	7,251.01	13,368.87	7,111.00	228.30	181.46	-74.34	-1,879.67	-5,005.32	1,745.98	1,611.84	134.13	13.017		
15,200.00	7,251.26	13,368.87	7,111.00	231.12	181.46	-74.34	-1,879.67	-5,005.32	1,841.96	1,711.84	130.12	14.156		
15,300.00	7,251.50	13,368.87	7,111.00	233.94	181.46	-74.34	-1,879.67	-5,005.32	1,938.35	1,811.79	126.56	15.316		
15,400.00	7,251.75	13,368.87	7,111.00	236.77	181.46	-74.34	-1,879.67	-5,005.32	2,035.09	1,911.69	123.40	16.492		
15,500.00	7,252.00	13,368.87	7,111.00	239.59	181.46	-74.34	-1,879.67	-5,005.32	2,132.12	2,011.55	120.57	17.683		
15,600.00	7,252.25	13,368.87	7,111.00	242.42	181.46	-74.34	-1,879.67	-5,005.32	2,229.42	2,111.38	118.04	18.886		
15,700.00	7,252.50	13,368.87	7,111.00	245.24	181.46	-74.34	-1,879.67	-5,005.32	2,326.95	2,211.18	115.77	20.099		
15,800.00	7,252.75	13,368.87	7,111.00	248.07	181.46	-74.34	-1,879.67	-5,005.32	2,424.68	2,310.96	113.73	21.320		
15,900.00	7,253.00	13,368.87	7,111.00	250.90	181.46	-74.34	-1,879.67	-5,005.32	2,522.59	2,410.71	111.88	22.548		
16,000.00	7,253.25	13,368.87	7,111.00	253.73	181.46	-74.34	-1,879.67	-5,005.32	2,620.66	2,510.46	110.20	23.780		
16,100.00	7,253.49	13,368.87	7,111.00	256.56	181.46	-74.34	-1,879.67	-5,005.32	2,718.87	2,610.18	108.68	25.017		
16,200.00	7,253.74	13,368.87	7,111.00	259.39	181.46	-74.34	-1,879.67	-5,005.32	2,817.20	2,709.90	107.30	26.256		
16,300.00	7,253.99	13,368.87	7,111.00	262.22	181.46	-74.34	-1,879.67	-5,005.32	2,915.65	2,809.61	106.04	27.497		
16,400.00	7,254.24	13,368.87	7,111.00	265.05	181.46	-74.34	-1,879.67	-5,005.32	3,014.20	2,909.31	104.88	28.739		
16,500.00	7,254.49	13,368.87	7,111.00	267.88	181.46	-74.34	-1,879.67	-5,005.32	3,112.84	3,009.01	103.83	29.981		
16,600.00	7,254.74	13,368.87	7,111.00	270.72	181.46	-74.34	-1,879.67	-5,005.32	3,211.56	3,108.70	102.86	31.223		
16,700.00	7,254.99	13,368.87	7,111.00	273.55	181.46	-74.34	-1,879.67	-5,005.32	3,310.36	3,208.39	101.97	32.464		
16,800.00	7,255.24	13,368.87	7,111.00	276.38	181.46	-74.34	-1,879.67	-5,005.32	3,409.24	3,308.08	101.15	33.704		
16,900.00	7,255.48	13,368.87	7,111.00	279.22	181.46	-74.34	-1,879.67	-5,005.32	3,508.17	3,407.77	100.40	34.943		
17,000.00	7,255.73	13,368.87	7,111.00	282.05	181.46	-74.34	-1,879.67	-5,005.32	3,607.17	3,507.46	99.70	36.179		
17,100.00	7,255.98	13,368.87	7,111.00	284.89	181.46	-74.34	-1,879.67	-5,005.32	3,706.22	3,607.15	99.06	37.413		
17,200.00	7,256.23	13,368.87	7,111.00	287.73	181.46	-74.34	-1,879.67	-5,005.32	3,805.31	3,706.84	98.47	38.645		
17,300.00	7,256.48	13,368.87	7,111.00	290.56	181.46	-74.34	-1,879.67	-5,005.32	3,904.46	3,806.54	97.92	39.874		
17,400.00	7,256.73	13,368.87	7,111.00	293.40	181.46	-74.34	-1,879.67	-5,005.32	4,003.64	3,906.23	97.41	41.100		
17,500.00	7,256.98	13,368.87	7,111.00	296.24	181.46	-74.34	-1,879.67	-5,005.32	4,102.87	4,005.93	96.94	42.323		
17,600.00	7,257.22	13,368.87	7,111.00	299.07	181.46	-74.34	-1,879.67	-5,005.32	4,202.13	4,105.63	96.51	43.542		
17,700.00	7,257.47	13,368.87	7,111.00	301.91	181.46	-74.34	-1,879.67	-5,005.32	4,301.43	4,205.33	96.10	44.759		
17,800.00	7,257.72	13,368.87	7,111.00	304.75	181.46	-74.34	-1,879.67	-5,005.32	4,400.76	4,305.03	95.73	45.972		
17,900.00	7,257.97	13,368.87	7,111.00	307.59	181.46	-74.34	-1,879.67	-5,005.32	4,500.12	4,404.74	95.38	47.181		
18,000.00	7,258.22	13,368.87	7,111.00	310.43	181.46	-74.34	-1,879.67	-5,005.32	4,599.51	4,504.45	95.06	48.387		
18,100.00	7,258.47	13,368.87	7,111.00	313.27	181.46	-74.34	-1,879.67	-5,005.32	4,698.92	4,604.16	94.76	49.589		
18,200.00	7,258.72	13,368.87	7,111.00	316.11	181.46	-74.34	-1,879.67	-5,005.32	4,798.36	4,703.88	94.48	50.788		
18,300.00	7,258.97	13,368.87	7,111.00	318.95	181.46	-74.34	-1,879.67	-5,005.32	4,897.81	4,803.60	94.22	51.983		
18,400.00	7,259.21	13,368.87	7,111.00	321.79	181.46	-74.34	-1,879.67	-5,005.32	4,997.30	4,903.32	93.98	53.174		
18,500.00	7,259.46	13,368.87	7,111.00	324.63	181.46	-74.34	-1,879.67	-5,005.32	5,096.80	5,003.04	93.76	54.361		
18,600.00	7,259.71	13,368.87	7,111.00	327.48	181.46	-74.34	-1,879.67	-5,005.32	5,196.32	5,102.77	93.55	55.545		
18,700.00	7,259.96	13,368.87	7,111.00	330.32	181.46	-74.34	-1,879.67	-5,005.32	5,295.86	5,202.50	93.36	56.725		
18,800.00	7,260.21	13,368.87	7,111.00	333.16	181.46	-74.34	-1,879.67	-5,005.32	5,395.41	5,302.23	93.18	57.900		
18,900.00	7,260.46	13,368.87	7,111.00	336.00	181.46	-74.34	-1,879.67	-5,005.32	5,494.99	5,401.96	93.02	59.072		
19,000.00	7,260.71	13,368.87	7,111.00	338.85	181.46	-74.34	-1,879.67	-5,005.32	5,594.57	5,501.70	92.87	60.241		
19,100.00	7,260.95	13,368.87	7,111.00	341.69	181.46	-74.34	-1,879.67	-5,005.32	5,694.18	5,601.44	92.73	61.405		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1												<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
19,118.22	7,261.00	13,368.87	7,111.00	342.21	181.46	-74.34	-1,879.67	-5,005.32	5,712.32	5,619.62	92.71	61.617	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.54	-104.92	-0.83	104.92					
100.00	100.00	100.00	100.00	3.28	3.28	-179.54	-104.92	-0.83	104.92	98.35	6.57	15.972		
200.00	200.00	200.00	200.00	3.34	3.34	-179.54	-104.92	-0.83	104.92	98.25	6.67	15.721		
300.00	300.00	300.00	300.00	3.44	3.44	-179.54	-104.92	-0.83	104.92	98.03	6.89	15.229 CC		
400.00	399.98	396.79	396.77	3.60	3.59	44.31	-106.40	-0.15	105.20	98.00	7.19	14.622 ES		
500.00	499.84	493.57	493.42	3.79	3.78	45.07	-110.85	1.92	106.03	98.45	7.58	13.980		
600.00	599.45	590.32	589.83	4.03	4.00	46.30	-118.25	5.35	107.46	99.40	8.06	13.336		
700.00	698.70	687.03	685.85	4.30	4.26	47.96	-128.60	10.15	109.55	100.95	8.60	12.735		
800.00	797.47	783.68	781.38	4.60	4.54	50.00	-141.87	16.30	112.36	103.16	9.20	12.207		
900.00	895.62	880.26	876.30	4.94	4.86	52.35	-158.05	23.80	115.99	106.13	9.86	11.762		
1,000.00	993.06	976.75	970.47	5.32	5.22	54.92	-177.10	32.64	120.51	109.95	10.56	11.408		
1,100.00	1,089.64	1,073.15	1,063.80	5.73	5.61	57.63	-198.99	42.79	126.01	114.69	11.32	11.129		
1,131.50	1,119.87	1,103.49	1,093.00	5.87	5.73	58.50	-206.47	46.26	127.96	116.39	11.57	11.058		
1,200.00	1,185.51	1,169.45	1,156.16	6.18	6.02	60.19	-223.70	54.25	132.96	120.83	12.13	10.960		
1,300.00	1,281.33	1,265.56	1,247.39	6.65	6.47	61.67	-251.15	66.98	142.48	129.50	12.98	10.975		
1,400.00	1,377.14	1,361.28	1,337.17	7.13	6.95	62.11	-281.23	80.93	154.45	140.59	13.86	11.142		
1,500.00	1,472.96	1,456.40	1,425.25	7.63	7.46	61.73	-313.80	96.03	168.79	154.03	14.76	11.435		
1,600.00	1,568.78	1,550.71	1,511.35	8.14	8.00	60.72	-348.69	112.22	185.52	169.85	15.67	11.841		
1,700.00	1,664.60	1,644.02	1,595.26	8.66	8.57	59.31	-385.73	129.39	204.69	188.12	16.57	12.355		
1,800.00	1,760.41	1,741.29	1,681.91	9.19	9.20	57.77	-425.82	147.99	225.38	207.84	17.54	12.848		
1,900.00	1,856.23	1,838.96	1,768.91	9.73	9.84	56.48	-466.09	166.66	246.21	227.67	18.54	13.281		
2,000.00	1,952.05	1,936.63	1,855.91	10.27	10.50	55.39	-506.36	185.34	267.14	247.59	19.55	13.665		
2,100.00	2,047.86	2,034.30	1,942.91	10.81	11.17	54.46	-546.62	204.01	288.15	267.58	20.57	14.007		
2,200.00	2,143.68	2,131.97	2,029.91	11.36	11.86	53.66	-586.89	222.68	309.22	287.61	21.61	14.312		
2,300.00	2,239.50	2,229.64	2,116.91	11.92	12.55	52.96	-627.16	241.36	330.34	307.69	22.65	14.586		
2,400.00	2,335.32	2,327.31	2,203.91	12.47	13.24	52.34	-667.42	260.03	351.51	327.81	23.70	14.833		
2,500.00	2,431.13	2,424.97	2,290.91	13.03	13.94	51.79	-707.69	278.71	372.70	347.95	24.76	15.055		
2,600.00	2,526.95	2,522.64	2,377.91	13.59	14.65	51.31	-747.96	297.38	393.93	368.11	25.82	15.257		
2,700.00	2,622.77	2,620.31	2,464.91	14.15	15.36	50.87	-788.22	316.05	415.18	388.29	26.89	15.441		
2,800.00	2,718.59	2,717.98	2,551.91	14.72	16.08	50.47	-828.49	334.73	436.45	408.49	27.96	15.608		
2,900.00	2,814.40	2,815.65	2,638.91	15.29	16.80	50.12	-868.76	353.40	457.74	428.70	29.04	15.762		
3,000.00	2,910.22	2,913.32	2,725.91	15.85	17.52	49.79	-909.02	372.08	479.05	448.93	30.12	15.903		
3,100.00	3,006.04	3,010.99	2,812.91	16.42	18.24	49.49	-949.29	390.75	500.37	469.16	31.21	16.033		
3,200.00	3,101.85	3,108.66	2,899.91	16.99	18.97	49.22	-989.56	409.43	521.70	489.40	32.30	16.152		
3,300.00	3,197.67	3,206.33	2,986.92	17.56	19.70	48.96	-1,029.83	428.10	543.04	509.65	33.39	16.263		
3,400.00	3,293.49	3,304.00	3,073.92	18.14	20.43	48.73	-1,070.09	446.77	564.39	529.91	34.48	16.366		
3,500.00	3,389.31	3,401.67	3,160.92	18.71	21.16	48.51	-1,110.36	465.45	585.75	550.17	35.58	16.462		
3,600.00	3,485.12	3,500.67	3,247.92	19.28	21.90	48.31	-1,150.63	484.12	607.12	570.43	36.69	16.548		
3,700.00	3,580.94	3,603.00	3,334.92	19.86	22.67	48.12	-1,190.89	502.80	628.49	590.68	37.82	16.619		
3,800.00	3,676.76	3,705.33	3,421.92	20.43	23.44	47.95	-1,231.16	521.47	649.87	610.92	38.95	16.685		
3,900.00	3,772.58	3,807.66	3,508.92	21.01	24.21	47.78	-1,271.43	540.15	671.26	631.18	40.08	16.747		
4,000.00	3,868.39	3,890.01	3,595.92	21.58	24.83	47.63	-1,311.69	558.82	692.65	651.55	41.09	16.855		
4,100.00	3,964.21	3,987.68	3,682.92	22.16	25.57	47.49	-1,351.96	577.49	714.04	671.84	42.20	16.920		
4,200.00	4,060.03	4,085.35	3,769.92	22.74	26.31	47.35	-1,392.23	596.17	735.44	692.13	43.31	16.981		
4,300.00	4,155.85	4,183.02	3,856.92	23.32	27.05	47.22	-1,432.50	614.84	756.85	712.43	44.42	17.038		
4,400.00	4,251.66	4,280.69	3,943.92	23.89	27.79	47.10	-1,472.76	633.52	778.25	732.72	45.53	17.093		
4,500.00	4,347.48	4,378.36	4,030.92	24.47	28.53	46.98	-1,513.03	652.19	799.66	753.02	46.64	17.144		
4,600.00	4,443.30	4,476.03	4,117.92	25.05	29.27	46.87	-1,553.30	670.86	821.07	773.32	47.76	17.193		
4,700.00	4,539.11	4,573.70	4,204.92	25.63	30.01	46.77	-1,593.56	689.54	842.49	793.62	48.87	17.239		
4,800.00	4,634.93	4,671.36	4,291.92	26.21	30.76	46.67	-1,633.83	708.21	863.90	813.92	49.98	17.283		
4,900.00	4,730.75	4,769.03	4,378.92	26.79	31.50	46.58	-1,674.10	726.89	885.32	834.22	51.10	17.325		
5,000.00	4,826.57	4,866.70	4,465.92	27.37	32.24	46.49	-1,714.36	745.56	906.75	854.53	52.22	17.365		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	4,964.37	4,552.93	27.95	32.99	46.40	-1,754.63	764.24	928.17	874.84	53.33	17.403		
5,200.00	5,018.20	5,062.04	4,639.93	28.53	33.73	46.32	-1,794.90	782.91	949.59	895.14	54.45	17.440		
5,300.00	5,114.02	5,159.71	4,726.93	29.11	34.47	46.24	-1,835.16	801.58	971.02	915.45	55.57	17.474		
5,400.00	5,209.84	5,257.38	4,813.93	29.69	35.22	46.17	-1,875.43	820.26	992.45	935.76	56.69	17.507		
5,500.00	5,305.65	5,355.05	4,900.93	30.27	35.96	46.10	-1,915.70	838.93	1,013.88	956.07	57.81	17.539		
5,600.00	5,401.47	5,452.72	4,987.93	30.86	36.71	46.03	-1,955.97	857.61	1,035.31	976.39	58.93	17.569		
5,700.00	5,497.29	5,550.39	5,074.93	31.44	37.45	45.97	-1,996.23	876.28	1,056.75	996.70	60.05	17.599		
5,800.00	5,593.10	5,648.06	5,161.93	32.02	38.20	45.90	-2,036.50	894.96	1,078.18	1,017.01	61.17	17.626		
5,900.00	5,688.92	5,745.72	5,248.93	32.60	38.95	45.84	-2,076.77	913.63	1,099.62	1,037.33	62.29	17.653		
6,000.00	5,784.74	5,843.39	5,335.93	33.18	39.69	45.78	-2,117.03	932.30	1,121.05	1,057.64	63.41	17.679		
6,100.00	5,880.56	5,941.06	5,422.93	33.76	40.44	45.73	-2,157.30	950.98	1,142.49	1,077.96	64.53	17.704		
6,200.00	5,976.37	6,038.73	5,509.93	34.35	41.19	45.67	-2,197.57	969.65	1,163.93	1,098.27	65.66	17.728		
6,300.00	6,072.19	6,136.40	5,596.93	34.93	41.93	45.62	-2,237.83	988.33	1,185.37	1,118.59	66.78	17.751		
6,400.00	6,168.01	6,234.07	5,683.93	35.51	42.68	45.57	-2,278.10	1,007.00	1,206.81	1,138.91	67.90	17.773		
6,500.00	6,263.83	6,331.74	5,770.93	36.09	43.43	45.52	-2,318.37	1,025.67	1,228.25	1,159.23	69.03	17.794		
6,600.00	6,359.64	6,429.41	5,857.93	36.68	44.18	45.48	-2,358.63	1,044.35	1,249.69	1,179.54	70.15	17.815		
6,700.00	6,455.46	6,527.08	5,944.93	37.26	44.92	45.43	-2,398.90	1,063.02	1,271.14	1,199.86	71.27	17.835		
6,733.48	6,487.54	6,559.78	5,974.06	37.45	45.17	45.42	-2,412.38	1,069.28	1,278.32	1,206.67	71.65	17.841		
6,750.00	6,503.41	6,575.91	5,988.43	37.55	45.30	41.82	-2,419.03	1,072.36	1,281.85	1,210.02	71.83	17.845		
6,800.00	6,551.83	6,624.63	6,031.83	37.82	45.67	27.67	-2,439.12	1,081.68	1,292.39	1,220.05	72.34	17.865		
6,850.00	6,600.62	6,672.96	6,074.88	38.05	46.04	8.90	-2,459.05	1,090.92	1,302.69	1,229.91	72.78	17.898		
6,900.00	6,649.47	6,720.59	6,117.31	38.25	46.40	-11.08	-2,478.68	1,100.02	1,312.76	1,239.60	73.16	17.943		
6,950.00	6,698.08	6,767.23	6,158.86	38.42	46.76	-27.76	-2,497.91	1,108.94	1,322.62	1,249.13	73.49	17.997		
7,000.00	6,746.15	6,812.60	6,199.27	38.57	47.11	-39.82	-2,516.62	1,117.62	1,332.35	1,258.57	73.77	18.060		
7,050.00	6,793.39	6,856.42	6,238.30	38.71	47.45	-48.23	-2,534.68	1,125.99	1,342.02	1,268.00	74.02	18.131		
7,100.00	6,839.50	6,901.59	6,275.70	38.84	47.79	-54.19	-2,551.99	1,134.02	1,351.74	1,277.49	74.26	18.204		
7,150.00	6,884.20	6,938.31	6,311.25	38.97	48.07	-58.54	-2,568.45	1,141.65	1,361.64	1,287.21	74.43	18.295		
7,200.00	6,927.21	6,975.89	6,344.72	39.11	48.36	-61.80	-2,583.94	1,148.84	1,371.84	1,297.24	74.60	18.389		
7,250.00	6,968.28	7,010.91	6,375.91	39.25	48.63	-64.27	-2,598.37	1,155.53	1,382.47	1,307.71	74.76	18.492		
7,300.00	7,007.13	7,043.14	6,404.63	39.41	48.88	-66.13	-2,611.67	1,161.69	1,393.66	1,318.75	74.91	18.603		
7,350.00	7,043.55	7,072.40	6,430.70	39.58	49.10	-67.50	-2,623.73	1,167.29	1,405.52	1,330.46	75.07	18.724		
7,400.00	7,077.29	7,101.49	6,453.95	39.77	49.32	-68.43	-2,634.49	1,172.28	1,418.16	1,342.93	75.24	18.849		
7,450.00	7,108.16	7,121.30	6,474.25	39.98	49.47	-68.96	-2,643.89	1,176.64	1,431.66	1,356.27	75.38	18.991		
7,500.00	7,135.96	7,140.63	6,491.47	40.22	49.62	-69.12	-2,651.86	1,180.33	1,446.05	1,370.49	75.56	19.137		
7,550.00	7,160.53	7,156.38	6,505.50	40.49	49.74	-68.91	-2,658.35	1,183.35	1,461.39	1,385.63	75.76	19.289		
7,600.00	7,181.70	7,168.46	6,516.26	40.79	49.84	-68.35	-2,663.33	1,185.65	1,477.65	1,401.67	75.98	19.448		
7,650.00	7,199.35	7,176.79	6,523.68	41.13	49.90	-67.44	-2,666.76	1,187.25	1,494.79	1,418.57	76.22	19.612		
7,700.00	7,213.38	7,181.32	6,527.71	41.51	49.93	-66.21	-2,668.63	1,188.11	1,512.75	1,436.27	76.48	19.780		
7,750.00	7,223.68	7,182.02	6,528.34	41.93	49.94	-64.67	-2,668.92	1,188.25	1,531.43	1,454.67	76.76	19.951		
7,800.00	7,230.21	7,178.89	6,525.55	42.38	49.92	-62.85	-2,667.63	1,187.65	1,550.68	1,473.63	77.05	20.125		
7,850.00	7,232.92	7,171.95	6,519.36	42.87	49.86	-60.78	-2,664.77	1,186.32	1,570.35	1,493.00	77.35	20.301		
7,858.69	7,233.00	7,170.35	6,517.94	42.95	49.85	-60.40	-2,664.11	1,186.02	1,573.80	1,496.39	77.41	20.332		
7,900.00	7,233.10	8,366.51	7,232.29	43.38	53.70	-89.97	-2,990.39	519.97	1,583.52	1,495.71	87.81	18.033		
8,000.00	7,233.35	8,466.51	7,232.87	44.56	54.24	-89.98	-2,990.13	419.98	1,583.47	1,492.98	90.49	17.498		
8,100.00	7,233.60	8,566.51	7,233.45	45.91	54.89	-89.99	-2,989.87	319.98	1,583.42	1,489.97	93.44	16.945		
8,200.00	7,233.85	8,666.51	7,234.03	47.41	55.69	-90.01	-2,989.61	219.98	1,583.37	1,486.72	96.64	16.383		
8,300.00	7,234.10	8,766.51	7,234.61	49.05	56.65	-90.02	-2,989.35	119.98	1,583.32	1,483.25	100.07	15.822		
8,400.00	7,234.35	8,866.51	7,235.19	50.81	57.77	-90.03	-2,989.09	19.99	1,583.27	1,479.57	103.70	15.268		
8,500.00	7,234.59	8,966.51	7,235.77	52.68	59.07	-90.04	-2,988.83	-80.01	1,583.22	1,475.71	107.51	14.727		
8,600.00	7,234.84	9,066.51	7,236.35	54.65	60.52	-90.05	-2,988.57	-180.01	1,583.17	1,471.69	111.48	14.202		
8,700.00	7,235.09	9,166.50	7,236.93	56.70	62.13	-90.07	-2,988.31	-280.01	1,583.12	1,467.52	115.60	13.695		
8,800.00	7,235.34	9,266.50	7,237.51	58.82	63.86	-90.08	-2,988.04	-380.00	1,583.07	1,463.23	119.85	13.209		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,235.59	9,366.50	7,238.10	61.01	65.72	-90.09	-2,987.78	-480.00	1,583.02	1,458.81	124.22	12.744		
9,000.00	7,235.84	9,466.50	7,238.68	63.25	67.67	-90.10	-2,987.52	-580.00	1,582.98	1,454.29	128.69	12.301		
9,100.00	7,236.09	9,566.50	7,239.26	65.55	69.72	-90.11	-2,987.26	-680.00	1,582.93	1,449.67	133.26	11.879		
9,200.00	7,236.34	9,666.50	7,239.84	67.89	71.83	-90.13	-2,987.00	-779.99	1,582.88	1,444.96	137.91	11.477		
9,300.00	7,236.58	9,766.50	7,240.42	70.27	74.02	-90.14	-2,986.74	-879.99	1,582.83	1,440.18	142.65	11.096		
9,400.00	7,236.83	9,866.50	7,241.00	72.69	76.26	-90.15	-2,986.48	-979.99	1,582.78	1,435.33	147.45	10.735		
9,500.00	7,237.08	9,966.50	7,241.58	75.14	78.55	-90.16	-2,986.22	-1,079.99	1,582.73	1,430.42	152.31	10.391		
9,600.00	7,237.33	10,066.50	7,242.16	77.62	80.89	-90.17	-2,985.95	-1,179.98	1,582.68	1,425.45	157.23	10.066		
9,700.00	7,237.58	10,166.50	7,242.74	80.12	83.27	-90.19	-2,985.69	-1,279.98	1,582.64	1,420.43	162.21	9.757		
9,800.00	7,237.83	10,266.50	7,243.32	82.65	85.68	-90.20	-2,985.43	-1,379.98	1,582.59	1,415.35	167.23	9.463		
9,900.00	7,238.08	10,366.50	7,243.91	85.20	88.12	-90.21	-2,985.17	-1,479.97	1,582.54	1,410.24	172.30	9.185		
10,000.00	7,238.32	10,466.50	7,244.49	87.77	90.59	-90.22	-2,984.91	-1,579.97	1,582.49	1,405.09	177.40	8.920		
10,100.00	7,238.57	10,566.50	7,245.07	90.36	93.09	-90.24	-2,984.65	-1,679.97	1,582.44	1,399.90	182.54	8.669		
10,200.00	7,238.82	10,666.50	7,245.65	92.97	95.61	-90.25	-2,984.39	-1,779.97	1,582.39	1,394.67	187.72	8.430		
10,300.00	7,239.07	10,766.50	7,246.23	95.59	98.15	-90.26	-2,984.13	-1,879.96	1,582.35	1,389.42	192.93	8.202		
10,400.00	7,239.32	10,866.50	7,246.81	98.22	100.72	-90.27	-2,983.86	-1,979.96	1,582.30	1,384.14	198.16	7.985		
10,500.00	7,239.57	10,966.49	7,247.39	100.87	103.29	-90.28	-2,983.60	-2,079.96	1,582.25	1,378.83	203.42	7.778		
10,600.00	7,239.82	11,066.49	7,247.97	103.52	105.89	-90.30	-2,983.34	-2,179.96	1,582.20	1,373.50	208.70	7.581		
10,700.00	7,240.07	11,166.49	7,248.55	106.19	108.50	-90.31	-2,983.08	-2,279.95	1,582.15	1,368.14	214.01	7.393		
10,800.00	7,240.31	11,266.49	7,249.13	108.87	111.12	-90.32	-2,982.82	-2,379.95	1,582.11	1,362.77	219.34	7.213		
10,900.00	7,240.56	11,366.49	7,249.72	111.56	113.75	-90.33	-2,982.56	-2,479.95	1,582.06	1,357.38	224.68	7.041		
11,000.00	7,240.81	11,466.49	7,250.30	114.25	116.40	-90.34	-2,982.30	-2,579.95	1,582.01	1,351.96	230.05	6.877		
11,100.00	7,241.06	11,566.49	7,250.88	116.96	119.06	-90.36	-2,982.04	-2,679.94	1,581.96	1,346.54	235.43	6.720		
11,200.00	7,241.31	11,666.49	7,251.46	119.67	121.72	-90.37	-2,981.77	-2,779.94	1,581.92	1,341.09	240.82	6.569		
11,300.00	7,241.56	11,766.49	7,252.04	122.39	124.40	-90.38	-2,981.51	-2,879.94	1,581.87	1,335.63	246.24	6.424		
11,400.00	7,241.81	11,866.49	7,252.62	125.11	127.08	-90.39	-2,981.25	-2,979.94	1,581.82	1,330.16	251.66	6.286		
11,500.00	7,242.06	11,966.49	7,253.20	127.84	129.78	-90.40	-2,980.99	-3,079.93	1,581.78	1,324.68	257.10	6.152		
11,600.00	7,242.30	12,066.49	7,253.78	130.58	132.48	-90.42	-2,980.73	-3,179.93	1,581.73	1,319.18	262.55	6.025		
11,700.00	7,242.55	12,166.49	7,254.36	133.32	135.18	-90.43	-2,980.47	-3,279.93	1,581.68	1,313.67	268.01	5.902		
11,800.00	7,242.80	12,266.49	7,254.95	136.07	137.90	-90.44	-2,980.21	-3,379.93	1,581.63	1,308.16	273.48	5.783		
11,900.00	7,243.05	12,366.49	7,255.53	138.82	140.62	-90.45	-2,979.95	-3,479.92	1,581.59	1,302.63	278.96	5.670		
12,000.00	7,243.30	12,466.49	7,256.11	141.58	143.34	-90.46	-2,979.68	-3,579.92	1,581.54	1,297.09	284.45	5.560		
12,100.00	7,243.55	12,566.49	7,256.69	144.34	146.07	-90.48	-2,979.42	-3,679.92	1,581.49	1,291.55	289.95	5.454		
12,200.00	7,243.80	12,666.49	7,257.27	147.10	148.81	-90.49	-2,979.16	-3,779.92	1,581.45	1,285.99	295.46	5.353		
12,300.00	7,244.04	12,766.48	7,257.85	149.87	151.55	-90.50	-2,978.90	-3,879.91	1,581.40	1,280.43	300.97	5.254		
12,400.00	7,244.29	12,866.48	7,258.43	152.64	154.30	-90.51	-2,978.64	-3,979.91	1,581.35	1,274.86	306.49	5.160		
12,500.00	7,244.54	12,966.48	7,259.01	155.41	157.04	-90.52	-2,978.38	-4,079.91	1,581.31	1,269.28	312.02	5.068		
12,600.00	7,244.79	13,066.48	7,259.59	158.19	159.80	-90.54	-2,978.12	-4,179.90	1,581.26	1,263.70	317.56	4.979		
12,700.00	7,245.04	13,166.48	7,260.17	160.97	162.56	-90.55	-2,977.86	-4,279.90	1,581.21	1,258.11	323.10	4.894		
12,800.00	7,245.29	13,266.48	7,260.76	163.75	165.32	-90.56	-2,977.60	-4,379.90	1,581.17	1,252.52	328.65	4.811		
12,900.00	7,245.54	13,366.48	7,261.34	166.54	168.08	-90.57	-2,977.33	-4,479.90	1,581.12	1,246.92	334.20	4.731		
13,000.00	7,245.79	13,466.48	7,261.92	169.33	170.85	-90.58	-2,977.07	-4,579.89	1,581.08	1,241.31	339.76	4.653		
13,021.88	7,245.84	13,488.36	7,262.04	169.94	171.45	-90.59	-2,977.02	-4,601.77	1,581.07	1,240.09	340.98	4.637		
13,100.00	7,246.03	13,480.77	7,262.00	172.12	171.24	-90.59	-2,977.04	-4,594.19	1,583.35	1,241.48	341.87	4.631 SF		
13,200.00	7,246.28	13,480.77	7,262.00	174.91	171.24	-90.59	-2,977.04	-4,594.19	1,591.85	1,249.62	342.23	4.651		
13,300.00	7,246.53	13,480.77	7,262.00	177.71	171.24	-90.59	-2,977.04	-4,594.19	1,606.55	1,265.18	341.37	4.706		
13,400.00	7,246.78	13,480.77	7,262.00	180.50	171.24	-90.59	-2,977.04	-4,594.19	1,627.26	1,287.92	339.34	4.795		
13,500.00	7,247.03	13,480.77	7,262.00	183.30	171.24	-90.59	-2,977.04	-4,594.19	1,653.78	1,317.50	336.28	4.918		
13,600.00	7,247.28	13,480.77	7,262.00	186.10	171.24	-90.59	-2,977.04	-4,594.19	1,685.82	1,353.51	332.31	5.073		
13,700.00	7,247.53	13,480.77	7,262.00	188.91	171.24	-90.59	-2,977.04	-4,594.19	1,723.07	1,395.50	327.57	5.260		
13,800.00	7,247.77	13,480.77	7,262.00	191.71	171.24	-90.59	-2,977.04	-4,594.19	1,765.21	1,442.99	322.23	5.478		
13,900.00	7,248.02	13,480.77	7,262.00	194.52	171.24	-90.59	-2,977.04	-4,594.19	1,811.90	1,495.48	316.41	5.726		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	13,480.77	7,262.00	197.32	171.24	-90.59	-2,977.04	-4,594.19	1,862.78	1,552.52	310.26	6.004		
14,100.00	7,248.52	13,480.77	7,262.00	200.13	171.24	-90.59	-2,977.04	-4,594.19	1,917.54	1,613.64	303.90	6.310		
14,200.00	7,248.77	13,480.77	7,262.00	202.94	171.24	-90.59	-2,977.04	-4,594.19	1,975.84	1,678.41	297.43	6.643		
14,300.00	7,249.02	13,480.77	7,262.00	205.76	171.24	-90.59	-2,977.04	-4,594.19	2,037.39	1,746.46	290.93	7.003		
14,400.00	7,249.27	13,480.77	7,262.00	208.57	171.24	-90.59	-2,977.04	-4,594.19	2,101.89	1,817.42	284.48	7.389		
14,500.00	7,249.52	13,480.77	7,262.00	211.38	171.24	-90.59	-2,977.04	-4,594.19	2,169.09	1,890.97	278.12	7.799		
14,600.00	7,249.76	13,480.77	7,262.00	214.20	171.24	-90.59	-2,977.04	-4,594.19	2,238.74	1,966.83	271.91	8.233		
14,700.00	7,250.01	13,480.77	7,262.00	217.02	171.24	-90.59	-2,977.04	-4,594.19	2,310.61	2,044.74	265.87	8.691		
14,800.00	7,250.26	13,480.77	7,262.00	219.84	171.24	-90.59	-2,977.04	-4,594.19	2,384.52	2,124.49	260.03	9.170		
14,900.00	7,250.51	13,480.77	7,262.00	222.65	171.24	-90.59	-2,977.04	-4,594.19	2,460.27	2,205.87	254.40	9.671		
15,000.00	7,250.76	13,480.77	7,262.00	225.48	171.24	-90.59	-2,977.04	-4,594.19	2,537.70	2,288.71	249.00	10.192		
15,100.00	7,251.01	13,480.77	7,262.00	228.30	171.24	-90.59	-2,977.04	-4,594.19	2,616.66	2,372.85	243.81	10.732		
15,200.00	7,251.26	13,480.77	7,262.00	231.12	171.24	-90.59	-2,977.04	-4,594.19	2,697.02	2,458.17	238.85	11.292		
15,300.00	7,251.50	13,480.77	7,262.00	233.94	171.24	-90.59	-2,977.04	-4,594.19	2,778.65	2,544.54	234.12	11.869		
15,400.00	7,251.75	13,480.77	7,262.00	236.77	171.24	-90.59	-2,977.04	-4,594.19	2,861.45	2,631.86	229.60	12.463		
15,500.00	7,252.00	13,480.77	7,262.00	239.59	171.24	-90.59	-2,977.04	-4,594.19	2,945.32	2,720.03	225.29	13.074		
15,600.00	7,252.25	13,480.77	7,262.00	242.42	171.24	-90.59	-2,977.04	-4,594.19	3,030.17	2,808.98	221.18	13.700		
15,700.00	7,252.50	13,480.77	7,262.00	245.24	171.24	-90.59	-2,977.04	-4,594.19	3,115.91	2,898.63	217.28	14.341		
15,800.00	7,252.75	13,480.77	7,262.00	248.07	171.24	-90.59	-2,977.04	-4,594.19	3,202.48	2,988.92	213.56	14.996		
15,900.00	7,253.00	13,480.77	7,262.00	250.90	171.24	-90.59	-2,977.04	-4,594.19	3,289.82	3,079.80	210.02	15.664		
16,000.00	7,253.25	13,480.77	7,262.00	253.73	171.24	-90.59	-2,977.04	-4,594.19	3,377.85	3,171.20	206.65	16.346		
16,100.00	7,253.49	13,480.77	7,262.00	256.56	171.24	-90.59	-2,977.04	-4,594.19	3,466.54	3,263.09	203.45	17.039		
16,200.00	7,253.74	13,480.77	7,262.00	259.39	171.24	-90.59	-2,977.04	-4,594.19	3,555.82	3,355.42	200.40	17.744		
16,300.00	7,253.99	13,480.77	7,262.00	262.22	171.24	-90.59	-2,977.04	-4,594.19	3,645.67	3,448.17	197.49	18.460		
16,400.00	7,254.24	13,480.77	7,262.00	265.05	171.24	-90.59	-2,977.04	-4,594.19	3,736.02	3,541.29	194.73	19.186		
16,500.00	7,254.49	13,480.77	7,262.00	267.88	171.24	-90.59	-2,977.04	-4,594.19	3,826.86	3,634.76	192.10	19.922		
16,600.00	7,254.74	13,480.77	7,262.00	270.72	171.24	-90.59	-2,977.04	-4,594.19	3,918.15	3,728.56	189.59	20.667		
16,700.00	7,254.99	13,480.77	7,262.00	273.55	171.24	-90.59	-2,977.04	-4,594.19	4,009.85	3,822.65	187.20	21.420		
16,800.00	7,255.24	13,480.77	7,262.00	276.38	171.24	-90.59	-2,977.04	-4,594.19	4,101.93	3,917.02	184.92	22.183		
16,900.00	7,255.48	13,480.77	7,262.00	279.22	171.24	-90.59	-2,977.04	-4,594.19	4,194.38	4,011.64	182.74	22.952		
17,000.00	7,255.73	13,480.77	7,262.00	282.05	171.24	-90.59	-2,977.04	-4,594.19	4,287.17	4,106.50	180.67	23.730		
17,100.00	7,255.98	13,480.77	7,262.00	284.89	171.24	-90.59	-2,977.04	-4,594.19	4,380.28	4,201.59	178.69	24.514		
17,200.00	7,256.23	13,480.77	7,262.00	287.73	171.24	-90.59	-2,977.04	-4,594.19	4,473.68	4,296.89	176.80	25.304		
17,300.00	7,256.48	13,480.77	7,262.00	290.56	171.24	-90.59	-2,977.04	-4,594.19	4,567.37	4,392.38	174.99	26.101		
17,400.00	7,256.73	13,480.77	7,262.00	293.40	171.24	-90.59	-2,977.04	-4,594.19	4,661.31	4,488.05	173.26	26.903		
17,500.00	7,256.98	13,480.77	7,262.00	296.24	171.24	-90.59	-2,977.04	-4,594.19	4,755.50	4,583.89	171.61	27.711		
17,600.00	7,257.22	13,480.77	7,262.00	299.07	171.24	-90.59	-2,977.04	-4,594.19	4,849.93	4,679.90	170.03	28.524		
17,700.00	7,257.47	13,480.77	7,262.00	301.91	171.24	-90.59	-2,977.04	-4,594.19	4,944.57	4,776.05	168.52	29.341		
17,800.00	7,257.72	13,480.77	7,262.00	304.75	171.24	-90.59	-2,977.04	-4,594.19	5,039.43	4,872.35	167.07	30.163		
17,900.00	7,257.97	13,480.77	7,262.00	307.59	171.24	-90.59	-2,977.04	-4,594.19	5,134.47	4,968.78	165.69	30.989		
18,000.00	7,258.22	13,480.77	7,262.00	310.43	171.24	-90.59	-2,977.04	-4,594.19	5,229.70	5,065.34	164.36	31.818		
18,100.00	7,258.47	13,480.77	7,262.00	313.27	171.24	-90.59	-2,977.04	-4,594.19	5,325.11	5,162.02	163.09	32.652		
18,200.00	7,258.72	13,480.77	7,262.00	316.11	171.24	-90.59	-2,977.04	-4,594.19	5,420.68	5,258.82	161.87	33.488		
18,300.00	7,258.97	13,480.77	7,262.00	318.95	171.24	-90.59	-2,977.04	-4,594.19	5,516.41	5,355.71	160.70	34.328		
18,400.00	7,259.21	13,480.77	7,262.00	321.79	171.24	-90.59	-2,977.04	-4,594.19	5,612.29	5,452.72	159.57	35.171		
18,500.00	7,259.46	13,480.77	7,262.00	324.63	171.24	-90.59	-2,977.04	-4,594.19	5,708.31	5,549.81	158.49	36.016		
18,600.00	7,259.71	13,480.77	7,262.00	327.48	171.24	-90.59	-2,977.04	-4,594.19	5,804.46	5,647.00	157.46	36.863		
18,700.00	7,259.96	13,480.77	7,262.00	330.32	171.24	-90.59	-2,977.04	-4,594.19	5,900.74	5,744.28	156.46	37.713		
18,800.00	7,260.21	13,480.77	7,262.00	333.16	171.24	-90.59	-2,977.04	-4,594.19	5,997.15	5,841.64	155.51	38.565		
18,900.00	7,260.46	13,480.77	7,262.00	336.00	171.24	-90.59	-2,977.04	-4,594.19	6,093.67	5,939.08	154.59	39.419		
19,000.00	7,260.71	13,480.77	7,262.00	338.85	171.24	-90.59	-2,977.04	-4,594.19	6,190.30	6,036.59	153.70	40.274		
19,100.00	7,260.95	13,480.77	7,262.00	341.69	171.24	-90.59	-2,977.04	-4,594.19	6,287.03	6,134.18	152.85	41.131		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - Falken 31C-14-S - Plan #1 - Plan #1												<b>Offset Well Error:</b>	3.28 ft
Survey Program: 0-MWD+IFR1													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,118.22	7,261.00	13,480.77	7,262.00	342.21	171.24	-90.59	-2,977.04	-4,594.19	6,304.67	6,151.96	152.70	41.287	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.65	-89.98	-0.56	89.99					
100.00	100.00	100.00	100.00	3.28	3.28	-179.65	-89.98	-0.56	89.99	83.42	6.57	13.698		
200.00	200.00	200.00	200.00	3.34	3.34	-179.65	-89.98	-0.56	89.99	83.31	6.67	13.483		
300.00	300.00	300.00	300.00	3.44	3.44	-179.65	-89.98	-0.56	89.99	83.10	6.89	13.061 CC		
400.00	399.98	397.27	397.25	3.60	3.59	44.22	-91.46	0.18	90.24	83.05	7.20	12.542 ES		
500.00	499.84	494.53	494.38	3.79	3.78	45.03	-95.89	2.39	91.03	83.45	7.59	12.000		
600.00	599.45	591.77	591.26	4.03	4.00	46.33	-103.27	6.07	92.39	84.33	8.06	11.461		
700.00	698.70	688.97	687.77	4.30	4.26	48.09	-113.58	11.21	94.37	85.76	8.61	10.965		
800.00	797.47	786.12	783.79	4.60	4.55	50.23	-126.80	17.81	97.03	87.82	9.21	10.535		
900.00	895.62	883.21	879.19	4.94	4.88	52.68	-142.92	25.85	100.47	90.60	9.87	10.180		
1,000.00	993.06	980.23	973.86	5.32	5.23	55.36	-161.91	35.32	104.75	94.17	10.58	9.905		
1,100.00	1,089.64	1,077.18	1,067.68	5.73	5.62	58.16	-183.74	46.21	109.95	98.61	11.34	9.696		
1,131.50	1,119.87	1,107.69	1,097.04	5.87	5.75	59.05	-191.20	49.93	111.78	100.19	11.59	9.645		
1,200.00	1,185.51	1,174.03	1,160.54	6.18	6.04	60.73	-208.37	58.50	116.52	104.37	12.15	9.587		
1,300.00	1,281.33	1,270.71	1,252.24	6.65	6.50	62.04	-235.75	72.15	125.57	112.55	13.01	9.650		
1,400.00	1,377.14	1,366.99	1,342.49	7.13	6.98	62.17	-265.74	87.11	136.98	123.08	13.90	9.855		
1,500.00	1,472.96	1,462.66	1,431.00	7.63	7.50	61.40	-298.22	103.31	150.72	135.91	14.80	10.182		
1,600.00	1,568.78	1,557.52	1,517.52	8.14	8.05	59.98	-333.02	120.67	166.84	151.13	15.71	10.619		
1,700.00	1,664.60	1,653.19	1,603.55	8.66	8.64	58.18	-370.47	139.35	185.26	168.62	16.64	11.134		
1,800.00	1,760.41	1,751.22	1,691.46	9.19	9.27	56.56	-409.30	158.72	204.26	186.64	17.62	11.593		
1,900.00	1,856.23	1,849.25	1,779.36	9.73	9.91	55.22	-448.13	178.09	223.40	204.78	18.62	12.000		
2,000.00	1,952.05	1,947.28	1,867.27	10.27	10.57	54.09	-486.95	197.45	242.63	223.01	19.63	12.363		
2,100.00	2,047.86	2,045.31	1,955.17	10.81	11.23	53.12	-525.78	216.82	261.94	241.30	20.65	12.688		
2,200.00	2,143.68	2,143.34	2,043.07	11.36	11.91	52.29	-564.60	236.18	281.32	259.64	21.68	12.978		
2,300.00	2,239.50	2,241.36	2,130.98	11.92	12.59	51.56	-603.43	255.55	300.74	278.03	22.72	13.239		
2,400.00	2,335.32	2,339.39	2,218.88	12.47	13.28	50.93	-642.25	274.92	320.21	296.45	23.76	13.475		
2,500.00	2,431.13	2,437.42	2,306.79	13.03	13.98	50.36	-681.08	294.28	339.71	314.89	24.82	13.689		
2,600.00	2,526.95	2,535.45	2,394.69	13.59	14.68	49.86	-719.91	313.65	359.24	333.36	25.88	13.883		
2,700.00	2,622.77	2,633.48	2,482.59	14.15	15.39	49.41	-758.73	333.02	378.79	351.85	26.94	14.060		
2,800.00	2,718.59	2,731.51	2,570.50	14.72	16.09	49.00	-797.56	352.38	398.36	370.35	28.01	14.222		
2,900.00	2,814.40	2,829.54	2,658.40	15.29	16.81	48.63	-836.38	371.75	417.95	388.87	29.08	14.370		
3,000.00	2,910.22	2,927.56	2,746.31	15.85	17.52	48.30	-875.21	391.11	437.55	407.39	30.16	14.507		
3,100.00	3,006.04	3,025.59	2,834.21	16.42	18.24	47.99	-914.03	410.48	457.17	425.93	31.24	14.633		
3,200.00	3,101.85	3,123.62	2,922.11	16.99	18.95	47.71	-952.86	429.85	476.80	444.48	32.33	14.750		
3,300.00	3,197.67	3,221.65	3,010.02	17.56	19.67	47.45	-991.69	449.21	496.44	463.03	33.41	14.858		
3,400.00	3,293.49	3,319.68	3,097.92	18.14	20.40	47.21	-1,030.51	468.58	516.09	481.59	34.50	14.958		
3,500.00	3,389.31	3,417.71	3,185.83	18.71	21.12	46.99	-1,069.34	487.95	535.75	500.15	35.59	15.052		
3,600.00	3,485.12	3,515.74	3,273.73	19.28	21.84	46.78	-1,108.16	507.31	555.41	518.72	36.69	15.139		
3,700.00	3,580.94	3,613.76	3,361.63	19.86	22.57	46.59	-1,146.99	526.68	575.08	537.30	37.78	15.221		
3,800.00	3,676.76	3,711.79	3,449.54	20.43	23.30	46.41	-1,185.81	546.04	594.76	555.88	38.88	15.298		
3,900.00	3,772.58	3,809.82	3,537.44	21.01	24.02	46.24	-1,224.64	565.41	614.44	574.46	39.98	15.370		
4,000.00	3,868.39	3,907.85	3,625.35	21.58	24.75	46.08	-1,263.47	584.78	634.13	593.05	41.08	15.437		
4,100.00	3,964.21	4,005.88	3,713.25	22.16	25.48	45.93	-1,302.29	604.14	653.82	611.64	42.18	15.501		
4,200.00	4,060.03	4,103.91	3,801.15	22.74	26.21	45.79	-1,341.12	623.51	673.51	630.23	43.28	15.561		
4,300.00	4,155.85	4,201.94	3,889.06	23.32	26.94	45.66	-1,379.94	642.88	693.21	648.82	44.39	15.618		
4,400.00	4,251.66	4,299.97	3,976.96	23.89	27.68	45.54	-1,418.77	662.24	712.91	667.42	45.49	15.671		
4,500.00	4,347.48	4,397.99	4,064.87	24.47	28.41	45.42	-1,457.59	681.61	732.61	686.02	46.60	15.722		
4,600.00	4,443.30	4,496.02	4,152.77	25.05	29.14	45.31	-1,496.42	700.97	752.32	704.62	47.70	15.771		
4,700.00	4,539.11	4,594.05	4,240.68	25.63	29.88	45.20	-1,535.25	720.34	772.03	723.22	48.81	15.816		
4,800.00	4,634.93	4,707.92	4,328.58	26.21	30.73	45.10	-1,574.07	739.71	791.74	741.73	50.02	15.829		
4,900.00	4,730.75	4,809.89	4,416.48	26.79	31.49	45.01	-1,612.90	759.07	811.46	760.31	51.15	15.864		
5,000.00	4,826.57	4,888.14	4,504.39	27.37	32.08	44.92	-1,651.72	778.44	831.18	779.04	52.14	15.941		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	4,986.17	4,592.29	27.95	32.81	44.83	-1,690.55	797.80	850.89	797.64	53.25	15.979		
5,200.00	5,018.20	5,084.19	4,680.20	28.53	33.55	44.75	-1,729.37	817.17	870.62	816.25	54.36	16.015		
5,300.00	5,114.02	5,182.22	4,768.10	29.11	34.29	44.67	-1,768.20	836.54	890.34	834.86	55.48	16.049		
5,400.00	5,209.84	5,280.25	4,856.00	29.69	35.02	44.59	-1,807.03	855.90	910.06	853.47	56.59	16.082		
5,500.00	5,305.65	5,378.28	4,943.91	30.27	35.76	44.52	-1,845.85	875.27	929.79	872.09	57.70	16.114		
5,600.00	5,401.47	5,476.31	5,031.81	30.86	36.50	44.45	-1,884.68	894.64	949.51	890.70	58.81	16.144		
5,700.00	5,497.29	5,574.34	5,119.72	31.44	37.23	44.38	-1,923.50	914.00	969.24	909.31	59.93	16.173		
5,800.00	5,593.10	5,672.37	5,207.62	32.02	37.97	44.32	-1,962.33	933.37	988.97	927.93	61.04	16.201		
5,900.00	5,688.92	5,770.39	5,295.52	32.60	38.71	44.26	-2,001.15	952.73	1,008.70	946.54	62.16	16.228		
6,000.00	5,784.74	5,868.42	5,383.43	33.18	39.44	44.20	-2,039.98	972.10	1,028.43	965.16	63.27	16.253		
6,100.00	5,880.56	5,966.45	5,471.33	33.76	40.18	44.14	-2,078.81	991.47	1,048.16	983.77	64.39	16.278		
6,200.00	5,976.37	6,064.48	5,559.24	34.35	40.92	44.08	-2,117.63	1,010.83	1,067.90	1,002.39	65.51	16.302		
6,300.00	6,072.19	6,162.51	5,647.14	34.93	41.66	44.03	-2,156.46	1,030.20	1,087.63	1,021.01	66.62	16.325		
6,400.00	6,168.01	6,260.54	5,735.04	35.51	42.40	43.98	-2,195.28	1,049.57	1,107.37	1,039.63	67.74	16.347		
6,500.00	6,263.83	6,358.57	5,822.95	36.09	43.14	43.93	-2,234.11	1,068.93	1,127.10	1,058.24	68.86	16.368		
6,600.00	6,359.64	6,456.60	5,910.85	36.68	43.88	43.88	-2,272.93	1,088.30	1,146.84	1,076.86	69.98	16.389		
6,700.00	6,455.46	6,554.62	5,998.76	37.26	44.61	43.84	-2,311.76	1,107.66	1,166.58	1,095.48	71.09	16.409		
6,733.48	6,487.54	6,587.44	6,028.19	37.45	44.86	43.82	-2,324.76	1,114.15	1,173.18	1,101.72	71.47	16.415		
6,750.00	6,503.41	6,603.64	6,042.71	37.55	44.98	40.20	-2,331.17	1,117.35	1,176.44	1,104.79	71.65	16.419		
6,800.00	6,551.83	6,652.52	6,086.54	37.82	45.35	25.96	-2,350.53	1,127.00	1,186.22	1,114.07	72.15	16.441		
6,850.00	6,600.62	6,700.98	6,130.00	38.05	45.72	7.10	-2,369.73	1,136.58	1,195.88	1,123.29	72.59	16.475		
6,900.00	6,649.47	6,748.72	6,172.81	38.25	46.08	-12.96	-2,388.64	1,146.01	1,205.42	1,132.46	72.96	16.522		
6,950.00	6,698.08	6,804.54	6,214.72	38.42	46.50	-29.73	-2,407.15	1,155.24	1,214.90	1,141.57	73.33	16.568		
7,000.00	6,746.15	6,840.89	6,255.45	38.57	46.77	-41.88	-2,425.14	1,164.22	1,224.39	1,150.85	73.54	16.649		
7,050.00	6,793.39	6,884.74	6,294.77	38.71	47.10	-50.37	-2,442.51	1,172.88	1,233.99	1,160.22	73.77	16.726		
7,100.00	6,839.50	6,926.73	6,332.44	38.84	47.42	-56.40	-2,459.14	1,181.18	1,243.83	1,169.85	73.98	16.814		
7,150.00	6,884.20	6,966.62	6,368.20	38.97	47.72	-60.80	-2,474.94	1,189.06	1,254.03	1,179.87	74.15	16.911		
7,200.00	6,927.21	7,009.91	6,407.23	39.11	48.03	-64.23	-2,492.17	1,196.37	1,264.65	1,190.26	74.39	17.000		
7,250.00	6,968.28	7,055.82	6,449.02	39.25	48.35	-66.94	-2,510.60	1,200.95	1,275.62	1,200.93	74.69	17.078		
7,300.00	7,007.13	7,104.50	6,493.53	39.41	48.63	-69.16	-2,530.22	1,202.19	1,286.88	1,211.82	75.06	17.145		
7,350.00	7,043.55	7,156.55	6,541.09	39.58	48.90	-71.05	-2,551.15	1,199.41	1,298.34	1,222.85	75.49	17.199		
7,400.00	7,077.29	7,212.72	6,592.00	39.77	49.14	-72.71	-2,573.54	1,191.66	1,309.92	1,233.94	75.98	17.240		
7,450.00	7,108.16	7,273.97	6,646.58	39.98	49.34	-74.24	-2,597.51	1,177.66	1,321.49	1,244.95	76.54	17.265		
7,500.00	7,135.96	7,341.48	6,705.00	40.22	49.52	-75.68	-2,623.13	1,155.68	1,332.90	1,255.75	77.16	17.275		
7,550.00	7,160.53	7,416.65	6,767.15	40.49	49.68	-77.09	-2,650.34	1,123.41	1,343.95	1,266.12	77.83	17.268		
7,600.00	7,181.70	7,501.11	6,832.29	40.79	49.81	-78.48	-2,678.80	1,077.92	1,354.37	1,275.79	78.58	17.237		
7,650.00	7,199.35	7,596.50	6,898.52	41.13	49.95	-79.85	-2,707.65	1,015.77	1,363.83	1,284.37	79.45	17.165		
7,700.00	7,213.38	7,704.06	6,962.08	41.51	50.11	-81.14	-2,735.22	933.65	1,371.92	1,291.33	80.59	17.023		
7,750.00	7,223.68	7,823.95	7,016.93	41.93	50.36	-82.23	-2,758.84	829.90	1,378.19	1,295.98	82.21	16.764		
7,800.00	7,230.21	7,954.26	7,055.26	42.38	50.74	-82.98	-2,775.08	706.65	1,382.17	1,297.67	84.50	16.357		
7,850.00	7,232.92	8,090.57	7,069.97	42.87	51.32	-83.23	-2,780.86	571.53	1,383.51	1,296.03	87.48	15.815		
7,858.69	7,233.00	8,101.55	7,070.04	42.95	51.38	-83.24	-2,780.83	560.55	1,383.50	1,295.75	87.75	15.766		
7,900.00	7,233.10	8,142.86	7,070.25	43.38	51.60	-83.24	-2,780.71	519.24	1,383.45	1,294.65	88.80	15.579		
8,000.00	7,233.35	8,242.86	7,070.77	44.56	52.23	-83.25	-2,780.42	419.24	1,383.34	1,291.82	91.52	15.115		
8,100.00	7,233.60	8,342.86	7,071.30	45.91	52.99	-83.26	-2,780.12	319.25	1,383.23	1,288.73	94.50	14.637		
8,200.00	7,233.85	8,442.86	7,071.82	47.41	53.91	-83.27	-2,779.83	219.25	1,383.11	1,285.39	97.72	14.154		
8,300.00	7,234.10	8,542.86	7,072.34	49.05	55.00	-83.28	-2,779.54	119.25	1,383.00	1,281.84	101.16	13.672		
8,400.00	7,234.35	8,642.86	7,072.87	50.81	56.25	-83.29	-2,779.24	19.25	1,382.89	1,278.10	104.79	13.197		
8,500.00	7,234.59	8,742.86	7,073.39	52.68	57.68	-83.31	-2,778.95	-80.75	1,382.78	1,274.18	108.60	12.733		
8,600.00	7,234.84	8,842.86	7,073.91	54.65	59.25	-83.32	-2,778.66	-180.74	1,382.66	1,270.10	112.57	12.283		
8,700.00	7,235.09	8,942.86	7,074.44	56.70	60.96	-83.33	-2,778.37	-280.74	1,382.55	1,265.87	116.68	11.849		
8,800.00	7,235.34	9,042.86	7,074.96	58.82	62.79	-83.34	-2,778.07	-380.74	1,382.44	1,261.52	120.92	11.433		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,235.59	9,142.86	7,075.48	61.01	64.73	-83.35	-2,777.78	-480.74	1,382.33	1,257.06	125.27	11.035		
9,000.00	7,235.84	9,242.86	7,076.01	63.25	66.76	-83.36	-2,777.49	-580.73	1,382.21	1,252.49	129.72	10.655		
9,100.00	7,236.09	9,342.85	7,076.53	65.55	68.86	-83.37	-2,777.20	-680.73	1,382.10	1,247.83	134.27	10.293		
9,200.00	7,236.34	9,442.85	7,077.05	67.89	71.04	-83.38	-2,776.90	-780.73	1,381.99	1,243.08	138.91	9.949		
9,300.00	7,236.58	9,542.85	7,077.57	70.27	73.27	-83.39	-2,776.61	-880.73	1,381.88	1,238.26	143.62	9.622		
9,400.00	7,236.83	9,642.85	7,078.10	72.69	75.56	-83.40	-2,776.32	-980.73	1,381.77	1,233.37	148.39	9.312		
9,500.00	7,237.08	9,742.85	7,078.62	75.14	77.89	-83.41	-2,776.02	-1,080.72	1,381.65	1,228.42	153.23	9.017		
9,600.00	7,237.33	9,842.85	7,079.14	77.62	80.26	-83.43	-2,775.73	-1,180.72	1,381.54	1,223.41	158.13	8.737		
9,700.00	7,237.58	9,942.85	7,079.67	80.12	82.67	-83.44	-2,775.44	-1,280.72	1,381.43	1,218.36	163.08	8.471		
9,800.00	7,237.83	10,042.85	7,080.19	82.65	85.12	-83.45	-2,775.15	-1,380.72	1,381.32	1,213.25	168.07	8.219		
9,900.00	7,238.08	10,142.85	7,080.71	85.20	87.59	-83.46	-2,774.85	-1,480.71	1,381.21	1,208.10	173.11	7.979		
10,000.00	7,238.32	10,242.85	7,081.24	87.77	90.08	-83.47	-2,774.56	-1,580.71	1,381.10	1,202.91	178.18	7.751		
10,100.00	7,238.57	10,342.85	7,081.76	90.36	92.61	-83.48	-2,774.27	-1,680.71	1,380.98	1,197.69	183.30	7.534		
10,200.00	7,238.82	10,442.85	7,082.28	92.97	95.15	-83.49	-2,773.97	-1,780.71	1,380.87	1,192.43	188.44	7.328		
10,300.00	7,239.07	10,542.85	7,082.81	95.59	97.71	-83.50	-2,773.68	-1,880.71	1,380.76	1,187.14	193.62	7.131		
10,400.00	7,239.32	10,642.85	7,083.33	98.22	100.29	-83.51	-2,773.39	-1,980.70	1,380.65	1,181.83	198.82	6.944		
10,500.00	7,239.57	10,742.85	7,083.85	100.87	102.89	-83.52	-2,773.10	-2,080.70	1,380.54	1,176.48	204.05	6.766		
10,600.00	7,239.82	10,842.85	7,084.37	103.52	105.50	-83.53	-2,772.80	-2,180.70	1,380.43	1,171.12	209.31	6.595		
10,700.00	7,240.07	10,942.85	7,084.90	106.19	108.12	-83.55	-2,772.51	-2,280.70	1,380.31	1,165.73	214.58	6.433		
10,800.00	7,240.31	11,042.85	7,085.42	108.87	110.76	-83.56	-2,772.22	-2,380.69	1,380.20	1,160.32	219.88	6.277		
10,900.00	7,240.56	11,142.85	7,085.94	111.56	113.41	-83.57	-2,771.93	-2,480.69	1,380.09	1,154.89	225.20	6.128		
11,000.00	7,240.81	11,242.85	7,086.47	114.25	116.07	-83.58	-2,771.63	-2,580.69	1,379.98	1,149.45	230.53	5.986		
11,100.00	7,241.06	11,342.85	7,086.99	116.96	118.74	-83.59	-2,771.34	-2,680.69	1,379.87	1,143.98	235.89	5.850		
11,200.00	7,241.31	11,442.85	7,087.51	119.67	121.42	-83.60	-2,771.05	-2,780.69	1,379.76	1,138.51	241.25	5.719		
11,300.00	7,241.56	11,542.85	7,088.04	122.39	124.10	-83.61	-2,770.75	-2,880.68	1,379.65	1,133.01	246.63	5.594		
11,400.00	7,241.81	11,642.85	7,088.56	125.11	126.80	-83.62	-2,770.46	-2,980.68	1,379.54	1,127.51	252.03	5.474		
11,500.00	7,242.06	11,742.85	7,089.08	127.84	129.50	-83.63	-2,770.17	-3,080.68	1,379.43	1,121.99	257.44	5.358		
11,600.00	7,242.30	11,842.84	7,089.61	130.58	132.21	-83.64	-2,769.88	-3,180.68	1,379.32	1,116.46	262.86	5.247		
11,700.00	7,242.55	11,942.84	7,090.13	133.32	134.93	-83.65	-2,769.58	-3,280.68	1,379.20	1,110.91	268.29	5.141		
11,800.00	7,242.80	12,042.84	7,090.65	136.07	137.65	-83.67	-2,769.29	-3,380.67	1,379.09	1,105.36	273.73	5.038		
11,900.00	7,243.05	12,142.84	7,091.17	138.82	140.38	-83.68	-2,769.00	-3,480.67	1,378.98	1,099.80	279.19	4.939		
12,000.00	7,243.30	12,242.84	7,091.70	141.58	143.12	-83.69	-2,768.71	-3,580.67	1,378.87	1,094.22	284.65	4.844		
12,100.00	7,243.55	12,342.84	7,092.22	144.34	145.85	-83.70	-2,768.41	-3,680.67	1,378.76	1,088.64	290.12	4.752		
12,200.00	7,243.80	12,442.84	7,092.74	147.10	148.60	-83.71	-2,768.12	-3,780.66	1,378.65	1,083.05	295.60	4.664		
12,300.00	7,244.04	12,542.84	7,093.27	149.87	151.35	-83.72	-2,767.83	-3,880.66	1,378.54	1,077.45	301.09	4.579		
12,400.00	7,244.29	12,642.84	7,093.79	152.64	154.10	-83.73	-2,767.53	-3,980.66	1,378.43	1,071.85	306.58	4.496		
12,500.00	7,244.54	12,742.84	7,094.31	155.41	156.86	-83.74	-2,767.24	-4,080.66	1,378.32	1,066.23	312.09	4.416		
12,600.00	7,244.79	12,842.84	7,094.84	158.19	159.62	-83.75	-2,766.95	-4,180.66	1,378.21	1,060.61	317.60	4.339		
12,700.00	7,245.04	12,942.84	7,095.36	160.97	162.38	-83.76	-2,766.66	-4,280.65	1,378.10	1,054.99	323.11	4.265		
12,800.00	7,245.29	13,042.84	7,095.88	163.75	165.15	-83.78	-2,766.36	-4,380.65	1,377.99	1,049.35	328.64	4.193		
12,900.00	7,245.54	13,142.84	7,096.41	166.54	167.92	-83.79	-2,766.07	-4,480.65	1,377.88	1,043.71	334.16	4.123		
13,000.00	7,245.79	13,242.84	7,096.93	169.33	170.69	-83.80	-2,765.78	-4,580.65	1,377.77	1,038.07	339.70	4.056		
13,017.98	7,245.83	13,260.82	7,097.02	169.83	171.19	-83.80	-2,765.73	-4,598.63	1,377.75	1,037.05	340.69	4.044		
13,100.00	7,246.03	13,256.62	7,097.00	172.12	171.07	-83.80	-2,765.74	-4,594.42	1,380.35	1,038.73	341.62	4.041 SF		
13,200.00	7,246.28	13,256.62	7,097.00	174.91	171.07	-83.80	-2,765.74	-4,594.42	1,390.08	1,048.66	341.42	4.071		
13,300.00	7,246.53	13,256.62	7,097.00	177.71	171.07	-83.80	-2,765.74	-4,594.42	1,406.86	1,067.24	339.62	4.142		
13,400.00	7,246.78	13,256.62	7,097.00	180.50	171.07	-83.80	-2,765.74	-4,594.42	1,430.45	1,094.08	336.37	4.253		
13,500.00	7,247.03	13,256.62	7,097.00	183.30	171.07	-83.80	-2,765.74	-4,594.42	1,460.53	1,128.67	331.85	4.401		
13,600.00	7,247.28	13,256.62	7,097.00	186.10	171.07	-83.80	-2,765.74	-4,594.42	1,496.69	1,170.40	326.29	4.587		
13,700.00	7,247.53	13,256.62	7,097.00	188.91	171.07	-83.80	-2,765.74	-4,594.42	1,538.51	1,218.60	319.91	4.809		
13,800.00	7,247.77	13,256.62	7,097.00	191.71	171.07	-83.80	-2,765.74	-4,594.42	1,585.55	1,272.61	312.94	5.067		
13,900.00	7,248.02	13,256.62	7,097.00	194.52	171.07	-83.80	-2,765.74	-4,594.42	1,637.35	1,331.78	305.56	5.358		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 31N-14B-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	13,256.62	7,097.00	197.32	171.07	-83.80	-2,765.74	-4,594.42	1,693.47	1,395.50	297.97	5.683		
14,100.00	7,248.52	13,256.62	7,097.00	200.13	171.07	-83.80	-2,765.74	-4,594.42	1,753.51	1,463.21	290.30	6.040		
14,200.00	7,248.77	13,256.62	7,097.00	202.94	171.07	-83.80	-2,765.74	-4,594.42	1,817.06	1,534.40	282.66	6.428		
14,300.00	7,249.02	13,256.62	7,097.00	205.76	171.07	-83.80	-2,765.74	-4,594.42	1,883.79	1,608.63	275.16	6.846		
14,400.00	7,249.27	13,256.62	7,097.00	208.57	171.07	-83.80	-2,765.74	-4,594.42	1,953.36	1,685.51	267.85	7.293		
14,500.00	7,249.52	13,256.62	7,097.00	211.38	171.07	-83.80	-2,765.74	-4,594.42	2,025.47	1,764.69	260.79	7.767		
14,600.00	7,249.76	13,256.62	7,097.00	214.20	171.07	-83.80	-2,765.74	-4,594.42	2,099.88	1,845.88	254.00	8.267		
14,700.00	7,250.01	13,256.62	7,097.00	217.02	171.07	-83.80	-2,765.74	-4,594.42	2,176.33	1,928.84	247.50	8.793		
14,800.00	7,250.26	13,256.62	7,097.00	219.84	171.07	-83.80	-2,765.74	-4,594.42	2,254.63	2,013.33	241.30	9.344		
14,900.00	7,250.51	13,256.62	7,097.00	222.65	171.07	-83.80	-2,765.74	-4,594.42	2,334.59	2,099.18	235.41	9.917		
15,000.00	7,250.76	13,256.62	7,097.00	225.48	171.07	-83.80	-2,765.74	-4,594.42	2,416.04	2,186.21	229.83	10.512		
15,100.00	7,251.01	13,256.62	7,097.00	228.30	171.07	-83.80	-2,765.74	-4,594.42	2,498.84	2,274.31	224.53	11.129		
15,200.00	7,251.26	13,256.62	7,097.00	231.12	171.07	-83.80	-2,765.74	-4,594.42	2,582.85	2,363.33	219.52	11.766		
15,300.00	7,251.50	13,256.62	7,097.00	233.94	171.07	-83.80	-2,765.74	-4,594.42	2,667.97	2,453.19	214.78	12.422		
15,400.00	7,251.75	13,256.62	7,097.00	236.77	171.07	-83.80	-2,765.74	-4,594.42	2,754.09	2,543.78	210.31	13.096		
15,500.00	7,252.00	13,256.62	7,097.00	239.59	171.07	-83.80	-2,765.74	-4,594.42	2,841.12	2,635.04	206.08	13.787		
15,600.00	7,252.25	13,256.62	7,097.00	242.42	171.07	-83.80	-2,765.74	-4,594.42	2,928.98	2,726.90	202.08	14.494		
15,700.00	7,252.50	13,256.62	7,097.00	245.24	171.07	-83.80	-2,765.74	-4,594.42	3,017.59	2,819.28	198.30	15.217		
15,800.00	7,252.75	13,256.62	7,097.00	248.07	171.07	-83.80	-2,765.74	-4,594.42	3,106.89	2,912.16	194.73	15.954		
15,900.00	7,253.00	13,256.62	7,097.00	250.90	171.07	-83.80	-2,765.74	-4,594.42	3,196.83	3,005.47	191.36	16.706		
16,000.00	7,253.25	13,256.62	7,097.00	253.73	171.07	-83.80	-2,765.74	-4,594.42	3,287.35	3,099.18	188.17	17.470		
16,100.00	7,253.49	13,256.62	7,097.00	256.56	171.07	-83.80	-2,765.74	-4,594.42	3,378.40	3,193.25	185.15	18.247		
16,200.00	7,253.74	13,256.62	7,097.00	259.39	171.07	-83.80	-2,765.74	-4,594.42	3,469.95	3,287.65	182.30	19.035		
16,300.00	7,253.99	13,256.62	7,097.00	262.22	171.07	-83.80	-2,765.74	-4,594.42	3,561.95	3,382.36	179.59	19.833		
16,400.00	7,254.24	13,256.62	7,097.00	265.05	171.07	-83.80	-2,765.74	-4,594.42	3,654.37	3,477.34	177.03	20.643		
16,500.00	7,254.49	13,256.62	7,097.00	267.88	171.07	-83.80	-2,765.74	-4,594.42	3,747.18	3,572.58	174.60	21.461		
16,600.00	7,254.74	13,256.62	7,097.00	270.72	171.07	-83.80	-2,765.74	-4,594.42	3,840.35	3,668.05	172.30	22.289		
16,700.00	7,254.99	13,256.62	7,097.00	273.55	171.07	-83.80	-2,765.74	-4,594.42	3,933.86	3,763.75	170.11	23.125		
16,800.00	7,255.24	13,256.62	7,097.00	276.38	171.07	-83.80	-2,765.74	-4,594.42	4,027.68	3,859.64	168.04	23.969		
16,900.00	7,255.48	13,256.62	7,097.00	279.22	171.07	-83.80	-2,765.74	-4,594.42	4,121.79	3,955.72	166.07	24.820		
17,000.00	7,255.73	13,256.62	7,097.00	282.05	171.07	-83.80	-2,765.74	-4,594.42	4,216.17	4,051.97	164.19	25.678		
17,100.00	7,255.98	13,256.62	7,097.00	284.89	171.07	-83.80	-2,765.74	-4,594.42	4,310.80	4,148.39	162.41	26.543		
17,200.00	7,256.23	13,256.62	7,097.00	287.73	171.07	-83.80	-2,765.74	-4,594.42	4,405.67	4,244.96	160.71	27.413		
17,300.00	7,256.48	13,256.62	7,097.00	290.56	171.07	-83.80	-2,765.74	-4,594.42	4,500.77	4,341.67	159.10	28.289		
17,400.00	7,256.73	13,256.62	7,097.00	293.40	171.07	-83.80	-2,765.74	-4,594.42	4,596.07	4,438.51	157.56	29.170		
17,500.00	7,256.98	13,256.62	7,097.00	296.24	171.07	-83.80	-2,765.74	-4,594.42	4,691.56	4,535.47	156.09	30.056		
17,600.00	7,257.22	13,256.62	7,097.00	299.07	171.07	-83.80	-2,765.74	-4,594.42	4,787.24	4,632.55	154.70	30.946		
17,700.00	7,257.47	13,256.62	7,097.00	301.91	171.07	-83.80	-2,765.74	-4,594.42	4,883.10	4,729.74	153.36	31.841		
17,800.00	7,257.72	13,256.62	7,097.00	304.75	171.07	-83.80	-2,765.74	-4,594.42	4,979.12	4,827.03	152.09	32.739		
17,900.00	7,257.97	13,256.62	7,097.00	307.59	171.07	-83.80	-2,765.74	-4,594.42	5,075.29	4,924.42	150.87	33.640		
18,000.00	7,258.22	13,256.62	7,097.00	310.43	171.07	-83.80	-2,765.74	-4,594.42	5,171.60	5,021.90	149.71	34.545		
18,100.00	7,258.47	13,256.62	7,097.00	313.27	171.07	-83.80	-2,765.74	-4,594.42	5,268.06	5,119.46	148.60	35.452		
18,200.00	7,258.72	13,256.62	7,097.00	316.11	171.07	-83.80	-2,765.74	-4,594.42	5,364.64	5,217.11	147.53	36.362		
18,300.00	7,258.97	13,256.62	7,097.00	318.95	171.07	-83.80	-2,765.74	-4,594.42	5,461.35	5,314.83	146.52	37.275		
18,400.00	7,259.21	13,256.62	7,097.00	321.79	171.07	-83.80	-2,765.74	-4,594.42	5,558.17	5,412.63	145.54	38.189		
18,500.00	7,259.46	13,256.62	7,097.00	324.63	171.07	-83.80	-2,765.74	-4,594.42	5,655.10	5,510.49	144.61	39.106		
18,600.00	7,259.71	13,256.62	7,097.00	327.48	171.07	-83.80	-2,765.74	-4,594.42	5,752.14	5,608.42	143.72	40.024		
18,700.00	7,259.96	13,256.62	7,097.00	330.32	171.07	-83.80	-2,765.74	-4,594.42	5,849.28	5,706.42	142.86	40.944		
18,800.00	7,260.21	13,256.62	7,097.00	333.16	171.07	-83.80	-2,765.74	-4,594.42	5,946.51	5,804.47	142.04	41.865		
18,900.00	7,260.46	13,256.62	7,097.00	336.00	171.07	-83.80	-2,765.74	-4,594.42	6,043.84	5,902.58	141.25	42.787		
19,000.00	7,260.71	13,256.62	7,097.00	338.85	171.07	-83.80	-2,765.74	-4,594.42	6,141.24	6,000.75	140.50	43.711		
19,100.00	7,260.95	13,256.62	7,097.00	341.69	171.07	-83.80	-2,765.74	-4,594.42	6,238.74	6,098.96	139.77	44.635		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - Falken 31N-14B-S - OH - Plan #1												<b>Offset Well Error:</b>	3.28 ft
Survey Program: 0-MWD+IFR1													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,118.22	7,261.00	13,256.62	7,097.00	342.21	171.07	-83.80	-2,765.74	-4,594.42	6,256.51	6,116.86	139.64	44.803	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 32C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.53	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	22.848		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	150.09	1.39	150.10	143.42	6.67	22.490 CC, ES		
300.00	300.00	297.80	297.78	3.44	3.44	1.11	150.78	2.91	150.83	143.94	6.89	21.898		
400.00	399.98	395.39	395.24	3.60	3.60	-134.02	152.85	7.45	154.31	147.11	7.20	21.439		
500.00	499.84	492.56	492.05	3.79	3.79	-132.58	156.27	14.98	161.83	154.23	7.60	21.303		
600.00	599.45	589.09	587.89	4.03	4.03	-131.10	161.01	25.41	173.37	165.29	8.08	21.463		
700.00	698.70	684.76	682.45	4.30	4.30	-129.67	167.02	38.64	188.91	180.28	8.63	21.894		
800.00	797.47	779.37	775.43	4.60	4.60	-128.34	174.25	54.55	208.39	199.15	9.24	22.556		
900.00	895.62	874.86	868.73	4.94	4.93	-127.20	182.64	73.02	231.49	221.60	9.90	23.393		
1,000.00	993.06	971.58	963.17	5.32	5.29	-126.73	191.29	92.05	256.85	246.25	10.61	24.219		
1,100.00	1,089.64	1,067.72	1,057.04	5.73	5.67	-126.81	199.89	110.96	284.24	272.88	11.36	25.031		
1,131.50	1,119.87	1,102.13	1,086.47	5.87	5.81	-126.92	202.58	116.90	293.29	281.67	11.62	25.242		
1,200.00	1,185.51	1,163.34	1,150.40	6.18	6.06	-127.50	208.44	129.78	313.20	301.06	12.14	25.796		
1,300.00	1,281.33	1,258.92	1,243.73	6.65	6.47	-128.23	216.98	148.58	342.32	329.37	12.95	26.427		
1,400.00	1,377.14	1,354.51	1,337.05	7.13	6.88	-128.84	225.53	167.39	371.49	357.70	13.79	26.936		
1,500.00	1,472.96	1,450.09	1,430.37	7.63	7.31	-129.37	234.07	186.19	400.68	386.03	14.65	27.349		
1,600.00	1,568.78	1,545.67	1,523.70	8.14	7.74	-129.82	242.62	204.99	429.91	414.38	15.53	27.687		
1,700.00	1,664.60	1,641.26	1,617.02	8.66	8.18	-130.22	251.17	223.80	459.15	442.73	16.42	27.964		
1,800.00	1,760.41	1,736.84	1,710.35	9.19	8.62	-130.56	259.71	242.60	488.42	471.09	17.32	28.194		
1,900.00	1,856.23	1,832.42	1,803.67	9.73	9.07	-130.87	268.26	261.41	517.69	499.46	18.24	28.386		
2,000.00	1,952.05	1,928.01	1,897.00	10.27	9.53	-131.15	276.80	280.21	546.98	527.82	19.16	28.547		
2,100.00	2,047.86	2,023.59	1,990.32	10.81	9.98	-131.40	285.35	299.02	576.28	556.19	20.09	28.682		
2,200.00	2,143.68	2,119.17	2,083.65	11.36	10.44	-131.62	293.90	317.82	605.59	584.56	21.03	28.797		
2,300.00	2,239.50	2,214.76	2,176.97	11.92	10.90	-131.82	302.44	336.63	634.91	612.93	21.97	28.894		
2,400.00	2,335.32	2,310.34	2,270.30	12.47	11.37	-132.01	310.99	355.43	664.23	641.31	22.92	28.978		
2,500.00	2,431.13	2,405.92	2,363.62	13.03	11.83	-132.18	319.53	374.24	693.56	669.69	23.88	29.050		
2,600.00	2,526.95	2,501.50	2,456.95	13.59	12.30	-132.33	328.08	393.04	722.89	698.06	24.83	29.111		
2,700.00	2,622.77	2,602.91	2,550.27	14.15	12.80	-132.48	336.63	411.84	752.23	726.41	25.82	29.133		
2,800.00	2,718.59	2,707.33	2,643.59	14.72	13.31	-132.61	345.17	430.65	781.58	754.75	26.83	29.133		
2,900.00	2,814.40	2,788.25	2,736.92	15.29	13.71	-132.73	353.72	449.45	810.92	783.20	27.72	29.251		
3,000.00	2,910.22	2,883.84	2,830.24	15.85	14.18	-132.85	362.26	468.26	840.27	811.58	28.69	29.286		
3,100.00	3,006.04	2,979.42	2,923.57	16.42	14.65	-132.95	370.81	487.06	869.62	839.96	29.66	29.317		
3,200.00	3,101.85	3,075.00	3,016.89	16.99	15.13	-133.05	379.36	505.87	898.98	868.34	30.64	29.344		
3,300.00	3,197.67	3,170.59	3,110.22	17.56	15.60	-133.15	387.90	524.67	928.34	896.72	31.61	29.367		
3,400.00	3,293.49	3,266.17	3,203.54	18.14	16.08	-133.24	396.45	543.48	957.69	925.11	32.59	29.388		
3,500.00	3,389.31	3,361.75	3,296.87	18.71	16.56	-133.32	404.99	562.28	987.06	953.49	33.57	29.406		
3,600.00	3,485.12	3,457.34	3,390.19	19.28	17.03	-133.40	413.54	581.09	1,016.42	981.87	34.55	29.422		
3,700.00	3,580.94	3,552.92	3,483.52	19.86	17.51	-133.47	422.09	599.89	1,045.78	1,010.26	35.53	29.436		
3,800.00	3,676.76	3,648.50	3,576.84	20.43	17.99	-133.54	430.63	618.69	1,075.15	1,038.64	36.51	29.449		
3,900.00	3,772.58	3,744.08	3,670.17	21.01	18.47	-133.61	439.18	637.50	1,104.52	1,067.02	37.49	29.460		
4,000.00	3,868.39	3,839.67	3,763.49	21.58	18.95	-133.67	447.72	656.30	1,133.89	1,095.41	38.48	29.469		
4,100.00	3,964.21	3,935.25	3,856.81	22.16	19.43	-133.73	456.27	675.11	1,163.26	1,123.79	39.46	29.478		
4,200.00	4,060.03	4,030.83	3,950.14	22.74	19.91	-133.78	464.82	693.91	1,192.63	1,152.18	40.45	29.485		
4,300.00	4,155.85	4,126.42	4,043.46	23.32	20.39	-133.84	473.36	712.72	1,222.00	1,180.56	41.44	29.492		
4,400.00	4,251.66	4,222.00	4,136.79	23.89	20.87	-133.89	481.91	731.52	1,251.37	1,208.95	42.42	29.498		
4,500.00	4,347.48	4,317.58	4,230.11	24.47	21.35	-133.94	490.45	750.33	1,280.74	1,237.33	43.41	29.503		
4,600.00	4,443.30	4,413.17	4,323.44	25.05	21.83	-133.98	499.00	769.13	1,310.12	1,265.72	44.40	29.507		
4,700.00	4,539.11	4,508.75	4,416.76	25.63	22.31	-134.03	507.55	787.94	1,339.49	1,294.10	45.39	29.511		
4,800.00	4,634.93	4,604.33	4,510.09	26.21	22.79	-134.07	516.09	806.74	1,368.87	1,322.49	46.38	29.514		
4,900.00	4,730.75	4,700.08	4,603.41	26.79	23.28	-134.11	524.64	825.55	1,398.25	1,350.88	47.37	29.516		
5,000.00	4,826.57	4,804.50	4,696.74	27.37	23.80	-134.15	533.18	844.35	1,427.62	1,379.22	48.41	29.492		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	4,908.92	4,790.06	27.95	24.33	-134.19	541.73	863.15	1,457.00	1,407.56	49.44	29.468		
5,200.00	5,018.20	4,986.66	4,883.38	28.53	24.72	-134.22	550.28	881.96	1,486.38	1,436.03	50.35	29.523		
5,300.00	5,114.02	5,082.25	4,976.71	29.11	25.21	-134.26	558.82	900.76	1,515.76	1,464.42	51.34	29.524		
5,400.00	5,209.84	5,177.83	5,070.03	29.69	25.69	-134.29	567.37	919.57	1,545.14	1,492.81	52.33	29.525		
5,500.00	5,305.65	5,273.41	5,163.36	30.27	26.17	-134.32	575.91	938.37	1,574.52	1,521.19	53.33	29.526		
5,600.00	5,401.47	5,369.00	5,256.68	30.86	26.66	-134.35	584.46	957.18	1,603.90	1,549.58	54.32	29.527		
5,700.00	5,497.29	5,464.58	5,350.01	31.44	27.14	-134.38	593.00	975.98	1,633.28	1,577.97	55.31	29.527		
5,800.00	5,593.10	5,560.16	5,443.33	32.02	27.62	-134.41	601.55	994.79	1,662.66	1,606.35	56.31	29.527		
5,900.00	5,688.92	5,655.75	5,536.66	32.60	28.11	-134.44	610.10	1,013.59	1,692.04	1,634.74	57.30	29.527		
6,000.00	5,784.74	5,751.33	5,629.98	33.18	28.59	-134.47	618.64	1,032.40	1,721.42	1,663.12	58.30	29.527		
6,100.00	5,880.56	5,846.91	5,723.31	33.76	29.07	-134.49	627.19	1,051.20	1,750.81	1,691.51	59.30	29.527		
6,200.00	5,976.37	5,942.50	5,816.63	34.35	29.56	-134.52	635.73	1,070.00	1,780.19	1,719.90	60.29	29.526		
6,300.00	6,072.19	6,038.08	5,909.96	34.93	30.04	-134.54	644.28	1,088.81	1,809.57	1,748.28	61.29	29.526		
6,400.00	6,168.01	6,133.66	6,003.28	35.51	30.53	-134.57	652.83	1,107.61	1,838.96	1,776.67	62.28	29.525		
6,500.00	6,263.83	6,229.24	6,096.60	36.09	31.01	-134.59	661.37	1,126.42	1,868.34	1,805.06	63.28	29.524		
6,600.00	6,359.64	6,324.83	6,189.93	36.68	31.50	-134.61	669.92	1,145.22	1,897.72	1,833.44	64.28	29.523		
6,700.00	6,455.46	6,420.41	6,283.25	37.26	31.98	-134.63	678.46	1,164.03	1,927.11	1,861.83	65.28	29.522		
6,733.48	6,487.54	6,452.41	6,314.50	37.45	32.14	-134.64	681.33	1,170.32	1,936.94	1,871.33	65.61	29.522		
6,750.00	6,503.41	6,468.20	6,329.91	37.55	32.22	-139.00	682.74	1,173.43	1,941.81	1,876.03	65.77	29.523		
6,800.00	6,551.83	6,515.85	6,376.44	37.82	32.47	-155.26	687.00	1,182.80	1,956.62	1,890.36	66.26	29.531		
6,850.00	6,600.62	6,563.09	6,422.56	38.05	32.70	-175.84	691.22	1,192.10	1,971.52	1,904.80	66.72	29.551		
6,900.00	6,649.47	6,609.61	6,467.98	38.25	32.94	162.67	695.38	1,201.25	1,986.45	1,919.29	67.16	29.579		
6,950.00	6,698.08	6,655.75	6,513.14	38.42	33.17	144.71	699.52	1,209.75	2,001.37	1,933.78	67.59	29.612		
7,000.00	6,746.15	6,702.90	6,559.75	38.57	33.38	131.54	703.79	1,215.30	2,016.22	1,948.22	68.00	29.649		
7,050.00	6,793.39	6,751.16	6,607.76	38.71	33.58	122.16	708.19	1,217.38	2,030.92	1,962.50	68.42	29.684		
7,100.00	6,839.50	6,800.69	6,657.04	38.84	33.77	115.34	712.71	1,215.72	2,045.38	1,976.54	68.83	29.715		
7,150.00	6,884.20	6,851.63	6,707.43	38.97	33.95	110.22	717.33	1,210.00	2,059.50	1,990.24	69.27	29.732		
7,200.00	6,927.21	6,904.13	6,758.72	39.11	34.14	106.24	722.04	1,199.89	2,073.21	2,003.48	69.73	29.732		
7,250.00	6,968.28	6,958.35	6,810.62	39.25	34.34	103.08	726.81	1,185.03	2,086.42	2,016.19	70.23	29.709		
7,300.00	7,007.13	7,014.43	6,862.80	39.41	34.56	100.51	731.61	1,165.06	2,099.02	2,028.26	70.77	29.661		
7,350.00	7,043.55	7,072.53	6,914.77	39.58	34.81	98.40	736.39	1,139.59	2,110.95	2,039.59	71.35	29.585		
7,400.00	7,077.29	7,132.76	6,965.98	39.77	35.09	96.66	741.10	1,108.28	2,122.10	2,050.10	71.99	29.476		
7,450.00	7,108.16	7,195.21	7,015.72	39.98	35.41	95.20	745.69	1,070.84	2,132.38	2,059.68	72.70	29.332		
7,500.00	7,135.96	7,259.91	7,063.14	40.22	35.78	94.00	750.06	1,027.08	2,141.71	2,068.23	73.48	29.147		
7,550.00	7,160.53	7,326.83	7,107.28	40.49	36.21	93.01	754.14	976.98	2,150.00	2,075.65	74.35	28.918		
7,600.00	7,181.70	7,395.87	7,147.06	40.79	36.72	92.20	757.82	920.72	2,157.17	2,081.85	75.32	28.641		
7,650.00	7,199.35	7,466.83	7,181.39	41.13	37.32	91.56	761.01	858.74	2,163.14	2,086.74	76.40	28.312		
7,700.00	7,213.38	7,539.40	7,209.17	41.51	38.01	91.06	763.60	791.79	2,167.86	2,090.26	77.60	27.935		
7,750.00	7,223.68	7,613.19	7,229.45	41.93	38.79	90.69	765.50	720.91	2,171.27	2,092.35	78.92	27.513		
7,800.00	7,230.21	7,687.72	7,241.52	42.38	39.64	90.45	766.65	647.42	2,173.33	2,093.00	80.33	27.056		
7,850.00	7,232.92	7,762.47	7,244.95	42.87	40.55	90.32	767.01	572.80	2,174.02	2,092.22	81.80	26.577		
7,858.69	7,233.00	7,768.14	7,245.02	42.95	40.63	90.32	767.02	567.13	2,174.02	2,092.03	81.99	26.514		
7,900.00	7,233.10	7,809.44	7,245.10	43.38	41.17	90.32	767.05	525.82	2,173.97	2,090.90	83.06	26.172		
8,000.00	7,233.35	7,909.44	7,245.27	44.56	42.58	90.31	767.13	425.82	2,173.83	2,087.96	85.87	25.315		
8,100.00	7,233.60	8,009.44	7,245.45	45.91	44.13	90.31	767.21	325.82	2,173.70	2,084.74	88.96	24.435		
8,200.00	7,233.85	8,109.44	7,245.63	47.41	45.81	90.31	767.28	225.82	2,173.57	2,081.27	92.30	23.550		
8,300.00	7,234.10	8,209.44	7,245.80	49.05	47.60	90.31	767.36	125.82	2,173.43	2,077.57	95.86	22.673		
8,400.00	7,234.35	8,309.44	7,245.98	50.81	49.49	90.31	767.44	25.82	2,173.30	2,073.67	99.62	21.815		
8,500.00	7,234.59	8,409.44	7,246.16	52.68	51.47	90.30	767.52	-74.18	2,173.16	2,069.59	103.57	20.983		
8,600.00	7,234.84	8,509.44	7,246.34	54.65	53.54	90.30	767.59	-174.18	2,173.03	2,065.36	107.67	20.182		
8,700.00	7,235.09	8,609.44	7,246.51	56.70	55.67	90.30	767.67	-274.18	2,172.89	2,060.98	111.92	19.415		
8,800.00	7,235.34	8,709.44	7,246.69	58.82	57.87	90.30	767.75	-374.18	2,172.76	2,056.47	116.29	18.684		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 32C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,235.59	8,809.44	7,246.87	61.01	60.12	90.30	767.83	-474.18	2,172.62	2,051.85	120.77	17.989		
9,000.00	7,235.84	8,909.44	7,247.05	63.25	62.42	90.30	767.90	-574.18	2,172.49	2,047.13	125.36	17.330		
9,100.00	7,236.09	9,009.44	7,247.22	65.55	64.77	90.29	767.98	-674.18	2,172.35	2,042.32	130.03	16.706		
9,200.00	7,236.34	9,109.44	7,247.40	67.89	67.16	90.29	768.06	-774.18	2,172.22	2,037.43	134.79	16.115		
9,300.00	7,236.58	9,209.44	7,247.58	70.27	69.58	90.29	768.14	-874.18	2,172.08	2,032.46	139.62	15.557		
9,400.00	7,236.83	9,309.44	7,247.75	72.69	72.04	90.29	768.21	-974.18	2,171.95	2,027.44	144.51	15.029		
9,500.00	7,237.08	9,409.44	7,247.93	75.14	74.52	90.29	768.29	-1,074.18	2,171.81	2,022.35	149.47	14.530		
9,600.00	7,237.33	9,509.44	7,248.11	77.62	77.03	90.28	768.37	-1,174.17	2,171.68	2,017.21	154.47	14.059		
9,700.00	7,237.58	9,609.44	7,248.29	80.12	79.57	90.28	768.45	-1,274.17	2,171.55	2,012.02	159.53	13.613		
9,800.00	7,237.83	9,709.44	7,248.46	82.65	82.12	90.28	768.52	-1,374.17	2,171.41	2,006.79	164.62	13.190		
9,900.00	7,238.08	9,809.44	7,248.64	85.20	84.70	90.28	768.60	-1,474.17	2,171.28	2,001.52	169.76	12.790		
10,000.00	7,238.32	9,909.44	7,248.82	87.77	87.29	90.28	768.68	-1,574.17	2,171.14	1,996.21	174.93	12.411		
10,100.00	7,238.57	10,009.44	7,248.99	90.36	89.90	90.27	768.76	-1,674.17	2,171.01	1,990.87	180.14	12.052		
10,200.00	7,238.82	10,109.44	7,249.17	92.97	92.52	90.27	768.83	-1,774.17	2,170.87	1,985.50	185.38	11.711		
10,300.00	7,239.07	10,209.44	7,249.35	95.59	95.16	90.27	768.91	-1,874.17	2,170.74	1,980.10	190.64	11.386		
10,400.00	7,239.32	10,309.44	7,249.53	98.22	97.81	90.27	768.99	-1,974.17	2,170.60	1,974.67	195.93	11.078		
10,500.00	7,239.57	10,409.44	7,249.70	100.87	100.47	90.27	769.07	-2,074.17	2,170.47	1,969.22	201.25	10.785		
10,600.00	7,239.82	10,509.44	7,249.88	103.52	103.15	90.27	769.14	-2,174.17	2,170.33	1,963.75	206.58	10.506		
10,700.00	7,240.07	10,609.44	7,250.06	106.19	105.83	90.26	769.22	-2,274.17	2,170.20	1,958.26	211.94	10.240		
10,800.00	7,240.31	10,709.44	7,250.23	108.87	108.52	90.26	769.30	-2,374.17	2,170.06	1,952.75	217.31	9.986		
10,900.00	7,240.56	10,809.44	7,250.41	111.56	111.22	90.26	769.38	-2,474.17	2,169.93	1,947.23	222.70	9.744		
11,000.00	7,240.81	10,909.44	7,250.59	114.25	113.93	90.26	769.45	-2,574.17	2,169.80	1,941.69	228.11	9.512		
11,100.00	7,241.06	11,009.44	7,250.77	116.96	116.64	90.26	769.53	-2,674.17	2,169.66	1,936.13	233.53	9.291		
11,200.00	7,241.31	11,109.44	7,250.94	119.67	119.36	90.25	769.61	-2,774.17	2,169.53	1,930.56	238.97	9.079		
11,300.00	7,241.56	11,209.44	7,251.12	122.39	122.09	90.25	769.69	-2,874.17	2,169.39	1,924.97	244.42	8.876		
11,400.00	7,241.81	11,309.44	7,251.30	125.11	124.83	90.25	769.76	-2,974.17	2,169.26	1,919.38	249.88	8.681		
11,500.00	7,242.06	11,409.44	7,251.47	127.84	127.57	90.25	769.84	-3,074.17	2,169.12	1,913.77	255.35	8.495		
11,600.00	7,242.30	11,509.44	7,251.65	130.58	130.31	90.25	769.92	-3,174.17	2,168.99	1,908.15	260.84	8.315		
11,700.00	7,242.55	11,609.44	7,251.83	133.32	133.06	90.24	770.00	-3,274.17	2,168.85	1,902.52	266.33	8.143		
11,800.00	7,242.80	11,709.44	7,252.01	136.07	135.81	90.24	770.07	-3,374.17	2,168.72	1,896.89	271.83	7.978		
11,900.00	7,243.05	11,809.44	7,252.18	138.82	138.57	90.24	770.15	-3,474.17	2,168.58	1,891.24	277.34	7.819		
12,000.00	7,243.30	11,909.44	7,252.36	141.58	141.34	90.24	770.23	-3,574.17	2,168.45	1,885.58	282.87	7.666		
12,100.00	7,243.55	12,009.44	7,252.54	144.34	144.10	90.24	770.31	-3,674.17	2,168.31	1,879.92	288.39	7.519		
12,200.00	7,243.80	12,109.44	7,252.71	147.10	146.87	90.24	770.38	-3,774.17	2,168.18	1,874.25	293.93	7.377		
12,300.00	7,244.04	12,209.44	7,252.89	149.87	149.65	90.23	770.46	-3,874.17	2,168.05	1,868.58	299.47	7.240		
12,400.00	7,244.29	12,309.44	7,253.07	152.64	152.42	90.23	770.54	-3,974.17	2,167.91	1,862.89	305.02	7.107		
12,500.00	7,244.54	12,409.44	7,253.25	155.41	155.20	90.23	770.62	-4,074.17	2,167.78	1,857.20	310.57	6.980		
12,600.00	7,244.79	12,509.44	7,253.42	158.19	157.98	90.23	770.69	-4,174.17	2,167.64	1,851.51	316.14	6.857		
12,700.00	7,245.04	12,609.44	7,253.60	160.97	160.77	90.23	770.77	-4,274.17	2,167.51	1,845.81	321.70	6.738		
12,800.00	7,245.29	12,709.44	7,253.78	163.75	163.56	90.22	770.85	-4,374.17	2,167.37	1,840.10	327.27	6.622		
12,900.00	7,245.54	12,809.44	7,253.95	166.54	166.35	90.22	770.93	-4,474.16	2,167.24	1,834.39	332.85	6.511		
13,000.00	7,245.79	12,909.44	7,254.13	169.33	169.14	90.22	771.00	-4,574.16	2,167.10	1,828.67	338.43	6.403		
13,100.00	7,246.03	13,009.44	7,254.31	172.12	171.94	90.22	771.08	-4,674.16	2,166.97	1,822.95	344.02	6.299		
13,200.00	7,246.28	13,109.44	7,254.49	174.91	174.73	90.22	771.16	-4,774.16	2,166.83	1,817.22	349.61	6.198		
13,300.00	7,246.53	13,209.44	7,254.66	177.71	177.53	90.21	771.24	-4,874.16	2,166.70	1,811.50	355.21	6.100		
13,400.00	7,246.78	13,309.44	7,254.84	180.50	180.33	90.21	771.31	-4,974.16	2,166.57	1,805.76	360.80	6.005		
13,500.00	7,247.03	13,409.44	7,255.02	183.30	183.14	90.21	771.39	-5,074.16	2,166.43	1,800.02	366.41	5.913		
13,600.00	7,247.28	13,509.44	7,255.19	186.10	185.94	90.21	771.47	-5,174.16	2,166.30	1,794.28	372.01	5.823		
13,700.00	7,247.53	13,609.44	7,255.37	188.91	188.75	90.21	771.55	-5,274.16	2,166.16	1,788.54	377.62	5.736		
13,800.00	7,247.77	13,709.44	7,255.55	191.71	191.55	90.21	771.62	-5,374.16	2,166.03	1,782.79	383.24	5.652		
13,900.00	7,248.02	13,809.44	7,255.73	194.52	194.36	90.20	771.70	-5,474.16	2,165.89	1,777.04	388.85	5.570		
14,000.00	7,248.27	13,909.44	7,255.90	197.32	197.17	90.20	771.78	-5,574.16	2,165.76	1,771.29	394.47	5.490		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	14,009.44	7,256.08	200.13	199.99	90.20	771.86	-5,674.16	2,165.62	1,765.53	400.09	5.413		
14,200.00	7,248.77	14,109.44	7,256.26	202.94	202.80	90.20	771.93	-5,774.16	2,165.49	1,759.77	405.72	5.337		
14,300.00	7,249.02	14,209.44	7,256.43	205.76	205.61	90.20	772.01	-5,874.16	2,165.35	1,754.01	411.34	5.264		
14,400.00	7,249.27	14,309.44	7,256.61	208.57	208.43	90.19	772.09	-5,974.16	2,165.22	1,748.25	416.97	5.193		
14,500.00	7,249.52	14,409.44	7,256.79	211.38	211.25	90.19	772.17	-6,074.16	2,165.09	1,742.48	422.61	5.123		
14,600.00	7,249.76	14,509.44	7,256.97	214.20	214.07	90.19	772.24	-6,174.16	2,164.95	1,736.71	428.24	5.055		
14,700.00	7,250.01	14,609.44	7,257.14	217.02	216.89	90.19	772.32	-6,274.16	2,164.82	1,730.94	433.88	4.989		
14,800.00	7,250.26	14,709.44	7,257.32	219.84	219.71	90.19	772.40	-6,374.16	2,164.68	1,725.16	439.52	4.925		
14,900.00	7,250.51	14,809.44	7,257.50	222.65	222.53	90.18	772.47	-6,474.16	2,164.55	1,719.39	445.16	4.862		
15,000.00	7,250.76	14,909.43	7,257.67	225.48	225.35	90.18	772.55	-6,574.16	2,164.41	1,713.61	450.80	4.801		
15,100.00	7,251.01	15,009.43	7,257.85	228.30	228.17	90.18	772.63	-6,674.16	2,164.28	1,707.83	456.45	4.742		
15,200.00	7,251.26	15,109.43	7,258.03	231.12	231.00	90.18	772.71	-6,774.16	2,164.14	1,702.05	462.10	4.683		
15,300.00	7,251.50	15,209.43	7,258.21	233.94	233.82	90.18	772.78	-6,874.16	2,164.01	1,696.27	467.74	4.626		
15,400.00	7,251.75	15,309.43	7,258.38	236.77	236.65	90.18	772.86	-6,974.16	2,163.88	1,690.48	473.39	4.571		
15,500.00	7,252.00	15,409.43	7,258.56	239.59	239.48	90.17	772.94	-7,074.16	2,163.74	1,684.69	479.05	4.517		
15,600.00	7,252.25	15,509.43	7,258.74	242.42	242.30	90.17	773.02	-7,174.16	2,163.61	1,678.91	484.70	4.464		
15,700.00	7,252.50	15,609.43	7,258.91	245.24	245.13	90.17	773.09	-7,274.16	2,163.47	1,673.12	490.36	4.412		
15,800.00	7,252.75	15,709.43	7,259.09	248.07	247.96	90.17	773.17	-7,374.16	2,163.34	1,667.32	496.01	4.361		
15,900.00	7,253.00	15,809.43	7,259.27	250.90	250.79	90.17	773.25	-7,474.16	2,163.20	1,661.53	501.67	4.312		
16,000.00	7,253.25	15,909.43	7,259.45	253.73	253.62	90.16	773.33	-7,574.16	2,163.07	1,655.74	507.33	4.264		
16,100.00	7,253.49	16,009.43	7,259.62	256.56	256.45	90.16	773.40	-7,674.16	2,162.93	1,649.94	512.99	4.216		
16,200.00	7,253.74	16,109.43	7,259.80	259.39	259.29	90.16	773.48	-7,774.16	2,162.80	1,644.14	518.66	4.170		
16,300.00	7,253.99	16,209.43	7,259.98	262.22	262.12	90.16	773.56	-7,874.15	2,162.66	1,638.35	524.32	4.125		
16,400.00	7,254.24	16,309.43	7,260.15	265.05	264.95	90.16	773.64	-7,974.15	2,162.53	1,632.55	529.98	4.080		
16,500.00	7,254.49	16,409.43	7,260.33	267.88	267.79	90.15	773.71	-8,074.15	2,162.40	1,626.75	535.65	4.037		
16,600.00	7,254.74	16,509.43	7,260.51	270.72	270.62	90.15	773.79	-8,174.15	2,162.26	1,620.94	541.32	3.994		
16,700.00	7,254.99	16,609.43	7,260.69	273.55	273.45	90.15	773.87	-8,274.15	2,162.13	1,615.14	546.99	3.953		
16,800.00	7,255.24	16,709.43	7,260.86	276.38	276.29	90.15	773.95	-8,374.15	2,161.99	1,609.34	552.66	3.912		
16,900.00	7,255.48	16,809.43	7,261.04	279.22	279.13	90.15	774.02	-8,474.15	2,161.86	1,603.53	558.33	3.872		
17,000.00	7,255.73	16,909.43	7,261.22	282.05	281.96	90.15	774.10	-8,574.15	2,161.72	1,597.73	564.00	3.833		
17,100.00	7,255.98	17,009.43	7,261.39	284.89	284.80	90.14	774.18	-8,674.15	2,161.59	1,591.92	569.67	3.794		
17,200.00	7,256.23	17,109.43	7,261.57	287.73	287.64	90.14	774.26	-8,774.15	2,161.45	1,586.11	575.34	3.757		
17,300.00	7,256.48	17,209.43	7,261.75	290.56	290.47	90.14	774.33	-8,874.15	2,161.32	1,580.30	581.02	3.720		
17,400.00	7,256.73	17,309.43	7,261.93	293.40	293.31	90.14	774.41	-8,974.15	2,161.19	1,574.49	586.69	3.684		
17,500.00	7,256.98	17,409.43	7,262.10	296.24	296.15	90.14	774.49	-9,074.15	2,161.05	1,568.68	592.37	3.648		
17,600.00	7,257.22	17,509.43	7,262.28	299.07	298.99	90.13	774.57	-9,174.15	2,160.92	1,562.87	598.05	3.613		
17,700.00	7,257.47	17,609.43	7,262.46	301.91	301.83	90.13	774.64	-9,274.15	2,160.78	1,557.06	603.73	3.579		
17,800.00	7,257.72	17,709.43	7,262.63	304.75	304.67	90.13	774.72	-9,374.15	2,160.65	1,551.24	609.40	3.546		
17,900.00	7,257.97	17,809.43	7,262.81	307.59	307.51	90.13	774.80	-9,474.15	2,160.51	1,545.43	615.08	3.513		
18,000.00	7,258.22	17,909.43	7,262.99	310.43	310.35	90.13	774.88	-9,574.15	2,160.38	1,539.61	620.76	3.480		
18,100.00	7,258.47	18,009.43	7,263.17	313.27	313.19	90.12	774.95	-9,674.15	2,160.24	1,533.80	626.45	3.448		
18,200.00	7,258.72	18,109.43	7,263.34	316.11	316.03	90.12	775.03	-9,774.15	2,160.11	1,527.98	632.13	3.417		
18,300.00	7,258.97	18,209.43	7,263.52	318.95	318.87	90.12	775.11	-9,874.15	2,159.98	1,522.17	637.81	3.387		
18,400.00	7,259.21	18,309.43	7,263.70	321.79	321.72	90.12	775.19	-9,974.15	2,159.84	1,516.35	643.49	3.356		
18,500.00	7,259.46	18,409.43	7,263.88	324.63	324.56	90.12	775.26	-10,074.15	2,159.71	1,510.53	649.18	3.327		
18,600.00	7,259.71	18,509.43	7,264.05	327.48	327.40	90.11	775.34	-10,174.15	2,159.57	1,504.71	654.86	3.298		
18,700.00	7,259.96	18,609.43	7,264.23	330.32	330.24	90.11	775.42	-10,274.15	2,159.44	1,498.89	660.55	3.269		
18,800.00	7,260.21	18,709.43	7,264.41	333.16	333.09	90.11	775.50	-10,374.15	2,159.30	1,493.07	666.23	3.241		
18,900.00	7,260.46	18,809.43	7,264.58	336.00	335.93	90.11	775.57	-10,474.15	2,159.17	1,487.25	671.92	3.213		
19,000.00	7,260.71	18,909.43	7,264.76	338.85	338.77	90.11	775.65	-10,574.15	2,159.03	1,481.43	677.61	3.186		
19,100.00	7,260.95	19,009.43	7,264.94	341.69	341.62	90.11	775.73	-10,674.15	2,158.90	1,475.61	683.29	3.160		
19,118.22	7,261.00	19,027.65	7,264.97	342.21	342.14	90.11	775.74	-10,692.36	2,158.88	1,474.55	684.33	3.155 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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	135.16					
100.00	100.00	100.00	100.00	3.28	3.28	0.59	135.16	1.39	135.16	128.60	6.57	20.575		
200.00	200.00	200.00	200.00	3.34	3.34	0.59	135.16	1.39	135.16	128.49	6.67	20.252		
300.00	300.00	300.00	300.00	3.44	3.44	0.59	135.16	1.39	135.16	128.27	6.89	19.618 CC, ES		
400.00	399.98	398.52	398.50	3.60	3.60	-135.61	135.67	3.01	136.95	129.75	7.20	19.031		
500.00	499.84	496.85	496.70	3.79	3.80	-135.05	137.19	7.84	142.31	134.72	7.59	18.757		
600.00	599.45	594.79	594.27	4.03	4.03	-134.19	139.71	15.84	151.25	143.19	8.06	18.767		
700.00	698.70	692.14	690.92	4.30	4.30	-133.14	143.22	26.95	163.77	155.17	8.60	19.038		
800.00	797.47	788.74	786.37	4.60	4.59	-131.98	147.66	41.05	179.86	170.66	9.21	19.538		
900.00	895.62	884.40	880.35	4.94	4.92	-130.78	153.02	58.04	199.50	189.63	9.86	20.225		
1,000.00	993.06	980.62	974.36	5.32	5.27	-129.73	159.19	77.62	222.41	211.84	10.57	21.040		
1,100.00	1,089.64	1,077.39	1,068.84	5.73	5.64	-129.34	165.48	97.56	247.62	236.29	11.33	21.862		
1,131.50	1,119.87	1,107.75	1,098.48	5.87	5.77	-129.34	167.45	103.82	256.00	244.43	11.57	22.117		
1,200.00	1,185.51	1,173.69	1,162.87	6.18	6.04	-129.66	171.74	117.41	274.47	262.35	12.12	22.649		
1,300.00	1,281.33	1,269.97	1,258.87	6.65	6.44	-130.07	177.99	137.25	301.44	288.51	12.94	23.300		
1,400.00	1,377.14	1,366.24	1,350.87	7.13	6.86	-130.40	184.25	157.09	328.43	314.65	13.78	23.828		
1,500.00	1,472.96	1,462.52	1,444.87	7.63	7.29	-130.69	190.51	176.93	355.42	340.77	14.65	24.259		
1,600.00	1,568.78	1,558.79	1,538.87	8.14	7.72	-130.93	196.76	196.78	382.42	366.89	15.54	24.614		
1,700.00	1,664.60	1,655.07	1,632.87	8.66	8.16	-131.14	203.02	216.62	409.43	392.99	16.44	24.907		
1,800.00	1,760.41	1,751.34	1,726.87	9.19	8.61	-131.33	209.27	236.46	436.44	419.09	17.35	25.152		
1,900.00	1,856.23	1,847.61	1,820.87	9.73	9.06	-131.49	215.53	256.30	463.45	445.18	18.28	25.357		
2,000.00	1,952.05	1,943.89	1,914.87	10.27	9.52	-131.64	221.79	276.14	490.47	471.26	19.21	25.531		
2,100.00	2,047.86	2,040.16	2,008.87	10.81	9.98	-131.77	228.04	295.99	517.49	497.34	20.15	25.678		
2,200.00	2,143.68	2,136.44	2,102.86	11.36	10.45	-131.89	234.30	315.83	544.51	523.41	21.10	25.804		
2,300.00	2,239.50	2,232.71	2,196.86	11.92	10.91	-131.99	240.56	335.67	571.54	549.48	22.06	25.912		
2,400.00	2,335.32	2,328.98	2,290.86	12.47	11.38	-132.09	246.81	355.51	598.56	575.54	23.02	26.005		
2,500.00	2,431.13	2,425.26	2,384.86	13.03	11.85	-132.18	253.07	375.35	625.59	601.61	23.98	26.085		
2,600.00	2,526.95	2,521.53	2,478.86	13.59	12.32	-132.26	259.32	395.19	652.62	627.67	24.95	26.156		
2,700.00	2,622.77	2,617.81	2,572.86	14.15	12.80	-132.33	265.58	415.04	679.65	653.72	25.92	26.217		
2,800.00	2,718.59	2,714.08	2,666.86	14.72	13.27	-132.40	271.84	434.88	706.68	679.78	26.90	26.271		
2,900.00	2,814.40	2,810.35	2,760.86	15.29	13.75	-132.47	278.09	454.72	733.71	705.83	27.88	26.318		
3,000.00	2,910.22	2,906.63	2,854.86	15.85	14.23	-132.53	284.35	474.56	760.74	731.88	28.86	26.360		
3,100.00	3,006.04	3,002.90	2,948.86	16.42	14.71	-132.58	290.60	494.40	787.77	757.93	29.84	26.397		
3,200.00	3,101.85	3,100.82	3,042.86	16.99	15.19	-132.63	296.86	514.25	814.81	783.97	30.84	26.423		
3,300.00	3,197.67	3,195.45	3,136.86	17.56	15.67	-132.68	303.12	534.09	841.84	810.03	31.82	26.459		
3,400.00	3,293.49	3,308.28	3,230.86	18.14	16.23	-132.73	309.37	553.93	868.88	835.99	32.89	26.418		
3,500.00	3,389.31	3,388.00	3,324.86	18.71	16.63	-132.77	315.63	573.77	895.91	862.11	33.80	26.508		
3,600.00	3,485.12	3,484.27	3,418.85	19.28	17.11	-132.81	321.88	593.61	922.95	888.16	34.79	26.529		
3,700.00	3,580.94	3,580.55	3,512.85	19.86	17.60	-132.85	328.14	613.45	949.98	914.20	35.78	26.548		
3,800.00	3,676.76	3,676.82	3,606.85	20.43	18.08	-132.88	334.40	633.30	977.02	940.24	36.78	26.565		
3,900.00	3,772.58	3,773.09	3,700.85	21.01	18.57	-132.92	340.65	653.14	1,004.06	966.28	37.78	26.580		
4,000.00	3,868.39	3,869.37	3,794.85	21.58	19.05	-132.95	346.91	672.98	1,031.09	992.32	38.77	26.594		
4,100.00	3,964.21	3,965.64	3,888.85	22.16	19.54	-132.98	353.17	692.82	1,058.13	1,018.36	39.77	26.606		
4,200.00	4,060.03	4,061.92	3,982.85	22.74	20.02	-133.01	359.42	712.66	1,085.17	1,044.40	40.77	26.617		
4,300.00	4,155.85	4,158.19	4,076.85	23.32	20.51	-133.04	365.68	732.51	1,112.21	1,070.44	41.77	26.627		
4,400.00	4,251.66	4,254.47	4,170.85	23.89	21.00	-133.06	371.93	752.35	1,139.24	1,096.47	42.77	26.636		
4,500.00	4,347.48	4,350.74	4,264.85	24.47	21.48	-133.09	378.19	772.19	1,166.28	1,122.51	43.77	26.645		
4,600.00	4,443.30	4,447.01	4,358.85	25.05	21.97	-133.11	384.45	792.03	1,193.32	1,148.55	44.77	26.652		
4,700.00	4,539.11	4,543.29	4,452.85	25.63	22.46	-133.14	390.70	811.87	1,220.36	1,174.58	45.78	26.659		
4,800.00	4,634.93	4,639.56	4,546.85	26.21	22.95	-133.16	396.96	831.71	1,247.40	1,200.62	46.78	26.665		
4,900.00	4,730.75	4,735.84	4,640.85	26.79	23.43	-133.18	403.21	851.56	1,274.44	1,226.65	47.78	26.671		
5,000.00	4,826.57	4,832.11	4,734.84	27.37	23.92	-133.20	409.47	871.40	1,301.48	1,252.69	48.79	26.676		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	4,928.38	4,828.84	27.95	24.41	-133.22	415.73	891.24	1,328.52	1,278.72	49.79	26.680		
5,200.00	5,018.20	5,024.66	4,922.84	28.53	24.90	-133.24	421.98	911.08	1,355.56	1,304.76	50.80	26.685		
5,300.00	5,114.02	5,120.93	5,016.84	29.11	25.39	-133.25	428.24	930.92	1,382.59	1,330.79	51.81	26.688		
5,400.00	5,209.84	5,217.21	5,110.84	29.69	25.88	-133.27	434.49	950.77	1,409.63	1,356.82	52.81	26.692		
5,500.00	5,305.65	5,313.48	5,204.84	30.27	26.37	-133.29	440.75	970.61	1,436.67	1,382.86	53.82	26.695		
5,600.00	5,401.47	5,409.75	5,298.84	30.86	26.86	-133.30	447.01	990.45	1,463.71	1,408.89	54.83	26.698		
5,700.00	5,497.29	5,506.03	5,392.84	31.44	27.35	-133.32	453.26	1,010.29	1,490.75	1,434.92	55.83	26.700		
5,800.00	5,593.10	5,602.30	5,486.84	32.02	27.84	-133.33	459.52	1,030.13	1,517.79	1,460.95	56.84	26.702		
5,900.00	5,688.92	5,698.58	5,580.84	32.60	28.33	-133.35	465.77	1,049.97	1,544.83	1,486.98	57.85	26.704		
6,000.00	5,784.74	5,805.15	5,674.84	33.18	28.87	-133.36	472.03	1,069.82	1,571.87	1,512.96	58.91	26.683		
6,100.00	5,880.56	5,908.88	5,768.84	33.76	29.40	-133.37	478.29	1,089.66	1,598.91	1,538.96	59.96	26.668		
6,200.00	5,976.37	5,987.40	5,862.84	34.35	29.80	-133.39	484.54	1,109.50	1,625.95	1,565.08	60.88	26.709		
6,300.00	6,072.19	6,083.67	5,956.84	34.93	30.29	-133.40	490.80	1,129.34	1,653.00	1,591.11	61.89	26.711		
6,400.00	6,168.01	6,179.95	6,050.83	35.51	30.78	-133.41	497.06	1,149.18	1,680.04	1,617.14	62.90	26.712		
6,500.00	6,263.83	6,276.22	6,144.83	36.09	31.27	-133.42	503.31	1,169.03	1,707.08	1,643.17	63.91	26.713		
6,600.00	6,359.64	6,372.50	6,238.83	36.68	31.76	-133.43	509.57	1,188.87	1,734.12	1,669.20	64.92	26.713		
6,700.00	6,455.46	6,470.12	6,334.30	37.26	32.25	-133.47	515.92	1,208.25	1,761.15	1,695.22	65.93	26.713		
6,733.48	6,487.54	6,503.66	6,367.47	37.45	32.41	-133.56	518.13	1,212.68	1,770.16	1,703.90	66.26	26.714		
6,750.00	6,503.41	6,520.11	6,383.81	37.55	32.48	-137.93	519.21	1,214.21	1,774.62	1,708.21	66.41	26.721		
6,800.00	6,551.83	6,569.64	6,433.17	37.82	32.68	-154.32	522.50	1,216.26	1,788.22	1,721.37	66.84	26.752		
6,850.00	6,600.62	6,618.79	6,482.17	38.05	32.86	-175.14	525.75	1,214.48	1,801.92	1,734.69	67.23	26.802		
6,900.00	6,649.47	6,667.62	6,530.56	38.25	33.03	163.03	528.97	1,208.98	1,815.65	1,748.06	67.59	26.864		
6,950.00	6,698.08	6,716.17	6,578.13	38.42	33.21	144.67	532.13	1,199.83	1,829.30	1,761.38	67.93	26.930		
7,000.00	6,746.15	6,764.49	6,624.64	38.57	33.39	131.09	535.22	1,187.15	1,842.81	1,774.54	68.27	26.993		
7,050.00	6,793.39	6,812.62	6,669.89	38.71	33.59	121.31	538.22	1,171.04	1,856.07	1,787.45	68.62	27.049		
7,100.00	6,839.50	6,860.61	6,713.67	38.84	33.79	114.10	541.12	1,151.62	1,869.01	1,800.02	68.99	27.092		
7,150.00	6,884.20	6,908.50	6,755.76	38.97	34.01	108.59	543.91	1,128.99	1,881.55	1,812.17	69.38	27.120		
7,200.00	6,927.21	6,956.31	6,795.99	39.11	34.25	104.24	546.58	1,103.31	1,893.60	1,823.80	69.80	27.130		
7,250.00	6,968.28	7,004.07	6,834.14	39.25	34.50	100.71	549.11	1,074.70	1,905.10	1,834.84	70.26	27.117		
7,300.00	7,007.13	7,051.81	6,870.02	39.41	34.78	97.79	551.48	1,043.32	1,915.97	1,845.21	70.76	27.079		
7,350.00	7,043.55	7,099.54	6,903.46	39.58	35.09	95.34	553.69	1,009.34	1,926.14	1,854.83	71.31	27.012		
7,400.00	7,077.29	7,147.29	6,934.27	39.77	35.42	93.26	555.73	972.94	1,935.55	1,863.63	71.92	26.913		
7,450.00	7,108.16	7,195.05	6,962.28	39.98	35.79	91.50	557.58	934.32	1,944.14	1,871.55	72.60	26.780		
7,500.00	7,135.96	7,242.83	6,987.33	40.22	36.19	90.01	559.23	893.68	1,951.87	1,878.52	73.34	26.613		
7,550.00	7,160.53	7,290.62	7,009.27	40.49	36.63	88.75	560.67	851.26	1,958.67	1,884.51	74.16	26.410		
7,600.00	7,181.70	7,338.43	7,027.99	40.79	37.11	87.71	561.90	807.30	1,964.52	1,889.46	75.06	26.172		
7,650.00	7,199.35	7,386.23	7,043.36	41.13	37.62	86.86	562.91	762.05	1,969.37	1,893.33	76.04	25.901		
7,700.00	7,213.38	7,434.02	7,055.30	41.51	38.16	86.21	563.69	715.79	1,973.19	1,896.11	77.08	25.599		
7,750.00	7,223.68	7,481.79	7,063.74	41.93	38.73	85.73	564.23	668.80	1,975.97	1,897.78	78.19	25.270		
7,800.00	7,230.21	7,529.50	7,068.63	42.38	39.32	85.42	564.54	621.35	1,977.68	1,898.32	79.36	24.920		
7,850.00	7,232.92	7,577.44	7,070.00	42.87	39.93	85.28	564.61	573.44	1,978.31	1,897.74	80.57	24.553		
7,858.69	7,233.00	7,586.13	7,070.00	42.95	40.05	85.27	564.61	564.74	1,978.31	1,897.51	80.79	24.486		
7,900.00	7,233.10	7,627.44	7,070.00	43.38	40.62	85.27	564.60	523.44	1,978.22	1,896.33	81.89	24.158		
8,000.00	7,233.35	7,727.44	7,070.01	44.56	42.07	85.26	564.56	423.44	1,977.99	1,893.27	84.72	23.347		
8,100.00	7,233.60	7,827.44	7,070.02	45.91	43.66	85.26	564.53	323.44	1,977.77	1,889.93	87.84	22.517		
8,200.00	7,233.85	7,927.44	7,070.03	47.41	45.38	85.25	564.50	223.44	1,977.54	1,886.34	91.20	21.684		
8,300.00	7,234.10	8,027.44	7,070.04	49.05	47.21	85.24	564.46	123.44	1,977.32	1,882.53	94.79	20.861		
8,400.00	7,234.35	8,127.44	7,070.05	50.81	49.14	85.23	564.43	23.44	1,977.09	1,878.52	98.57	20.057		
8,500.00	7,234.59	8,227.44	7,070.06	52.68	51.16	85.23	564.40	-76.56	1,976.87	1,874.33	102.54	19.279		
8,600.00	7,234.84	8,327.44	7,070.07	54.65	53.25	85.22	564.36	-176.56	1,976.64	1,869.98	106.66	18.532		
8,700.00	7,235.09	8,427.44	7,070.07	56.70	55.42	85.21	564.33	-276.56	1,976.42	1,865.49	110.93	17.818		
8,800.00	7,235.34	8,527.44	7,070.08	58.82	57.64	85.20	564.29	-376.56	1,976.19	1,860.88	115.31	17.138		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,235.59	8,627.44	7,070.09	61.01	59.92	85.20	564.26	-476.56	1,975.97	1,856.16	119.81	16.492		
9,000.00	7,235.84	8,727.43	7,070.10	63.25	62.24	85.19	564.23	-576.56	1,975.74	1,851.34	124.41	15.881		
9,100.00	7,236.09	8,827.43	7,070.11	65.55	64.61	85.18	564.19	-676.56	1,975.52	1,846.43	129.09	15.303		
9,200.00	7,236.34	8,927.43	7,070.12	67.89	67.02	85.17	564.16	-776.56	1,975.30	1,841.44	133.86	14.757		
9,300.00	7,236.58	9,027.43	7,070.13	70.27	69.46	85.17	564.13	-876.56	1,975.07	1,836.38	138.69	14.241		
9,400.00	7,236.83	9,127.43	7,070.14	72.69	71.93	85.16	564.09	-976.56	1,974.85	1,831.26	143.59	13.753		
9,500.00	7,237.08	9,227.43	7,070.15	75.14	74.43	85.15	564.06	-1,076.55	1,974.62	1,826.08	148.54	13.293		
9,600.00	7,237.33	9,327.43	7,070.15	77.62	76.96	85.14	564.03	-1,176.55	1,974.40	1,820.85	153.55	12.858		
9,700.00	7,237.58	9,427.43	7,070.16	80.12	79.51	85.13	563.99	-1,276.55	1,974.17	1,815.57	158.61	12.447		
9,800.00	7,237.83	9,527.43	7,070.17	82.65	82.08	85.13	563.96	-1,376.55	1,973.95	1,810.25	163.70	12.058		
9,900.00	7,238.08	9,627.43	7,070.18	85.20	84.66	85.12	563.92	-1,476.55	1,973.73	1,804.89	168.84	11.690		
10,000.00	7,238.32	9,727.43	7,070.19	87.77	87.27	85.11	563.89	-1,576.55	1,973.50	1,799.49	174.01	11.341		
10,100.00	7,238.57	9,827.43	7,070.20	90.36	89.89	85.10	563.86	-1,676.55	1,973.28	1,794.07	179.21	11.011		
10,200.00	7,238.82	9,927.43	7,070.21	92.97	92.52	85.10	563.82	-1,776.55	1,973.05	1,788.61	184.44	10.697		
10,300.00	7,239.07	10,027.43	7,070.22	95.59	95.17	85.09	563.79	-1,876.55	1,972.83	1,783.13	189.70	10.400		
10,400.00	7,239.32	10,127.43	7,070.23	98.22	97.83	85.08	563.76	-1,976.55	1,972.61	1,777.62	194.99	10.117		
10,500.00	7,239.57	10,227.43	7,070.23	100.87	100.50	85.07	563.72	-2,076.55	1,972.38	1,772.09	200.29	9.847		
10,600.00	7,239.82	10,327.43	7,070.24	103.52	103.18	85.07	563.69	-2,176.55	1,972.16	1,766.54	205.62	9.591		
10,700.00	7,240.07	10,427.42	7,070.25	106.19	105.87	85.06	563.65	-2,276.55	1,971.93	1,760.97	210.97	9.347		
10,800.00	7,240.31	10,527.42	7,070.26	108.87	108.57	85.05	563.62	-2,376.55	1,971.71	1,755.38	216.33	9.114		
10,900.00	7,240.56	10,627.42	7,070.27	111.56	111.28	85.04	563.59	-2,476.55	1,971.49	1,749.77	221.71	8.892		
11,000.00	7,240.81	10,727.42	7,070.28	114.25	113.99	85.04	563.55	-2,576.55	1,971.26	1,744.15	227.11	8.680		
11,100.00	7,241.06	10,827.42	7,070.29	116.96	116.71	85.03	563.52	-2,676.55	1,971.04	1,738.52	232.52	8.477		
11,200.00	7,241.31	10,927.42	7,070.30	119.67	119.44	85.02	563.49	-2,776.54	1,970.82	1,732.87	237.95	8.283		
11,300.00	7,241.56	11,027.42	7,070.31	122.39	122.17	85.01	563.45	-2,876.54	1,970.59	1,727.21	243.39	8.097		
11,400.00	7,241.81	11,127.42	7,070.31	125.11	124.91	85.01	563.42	-2,976.54	1,970.37	1,721.53	248.84	7.918		
11,500.00	7,242.06	11,227.42	7,070.32	127.84	127.66	85.00	563.39	-3,076.54	1,970.14	1,715.85	254.30	7.747		
11,600.00	7,242.30	11,327.42	7,070.33	130.58	130.41	84.99	563.35	-3,176.54	1,969.92	1,710.16	259.77	7.583		
11,700.00	7,242.55	11,427.42	7,070.34	133.32	133.16	84.98	563.32	-3,276.54	1,969.70	1,704.45	265.24	7.426		
11,800.00	7,242.80	11,527.42	7,070.35	136.07	135.92	84.98	563.28	-3,376.54	1,969.47	1,698.74	270.73	7.275		
11,900.00	7,243.05	11,627.42	7,070.36	138.82	138.68	84.97	563.25	-3,476.54	1,969.25	1,693.02	276.23	7.129		
12,000.00	7,243.30	11,727.42	7,070.37	141.58	141.45	84.96	563.22	-3,576.54	1,969.03	1,687.29	281.74	6.989		
12,100.00	7,243.55	11,827.42	7,070.38	144.34	144.22	84.95	563.18	-3,676.54	1,968.80	1,681.55	287.25	6.854		
12,200.00	7,243.80	11,927.42	7,070.38	147.10	146.99	84.95	563.15	-3,776.54	1,968.58	1,675.81	292.77	6.724		
12,300.00	7,244.04	12,027.42	7,070.39	149.87	149.77	84.94	563.12	-3,876.54	1,968.36	1,670.06	298.29	6.599		
12,400.00	7,244.29	12,127.41	7,070.40	152.64	152.55	84.93	563.08	-3,976.54	1,968.13	1,664.31	303.83	6.478		
12,500.00	7,244.54	12,227.41	7,070.41	155.41	155.33	84.92	563.05	-4,076.54	1,967.91	1,658.54	309.37	6.361		
12,600.00	7,244.79	12,327.41	7,070.42	158.19	158.12	84.92	563.01	-4,176.54	1,967.69	1,652.78	314.91	6.248		
12,700.00	7,245.04	12,427.41	7,070.43	160.97	160.91	84.91	562.98	-4,276.54	1,967.46	1,647.00	320.46	6.140		
12,800.00	7,245.29	12,527.41	7,070.44	163.75	163.70	84.90	562.95	-4,376.53	1,967.24	1,641.23	326.01	6.034		
12,900.00	7,245.54	12,627.41	7,070.45	166.54	166.49	84.89	562.91	-4,476.53	1,967.02	1,635.44	331.57	5.932		
13,000.00	7,245.79	12,727.41	7,070.46	169.33	169.29	84.89	562.88	-4,576.53	1,966.79	1,629.66	337.14	5.834		
13,100.00	7,246.03	12,827.41	7,070.46	172.12	172.08	84.88	562.85	-4,676.53	1,966.57	1,623.87	342.70	5.738		
13,200.00	7,246.28	12,927.41	7,070.47	174.91	174.88	84.87	562.81	-4,776.53	1,966.35	1,618.07	348.28	5.646		
13,300.00	7,246.53	13,027.41	7,070.48	177.71	177.68	84.86	562.78	-4,876.53	1,966.13	1,612.27	353.85	5.556		
13,400.00	7,246.78	13,127.41	7,070.49	180.50	180.49	84.85	562.74	-4,976.53	1,965.90	1,606.47	359.43	5.469		
13,500.00	7,247.03	13,227.41	7,070.50	183.30	183.29	84.85	562.71	-5,076.53	1,965.68	1,600.66	365.02	5.385		
13,600.00	7,247.28	13,327.41	7,070.51	186.10	186.10	84.84	562.68	-5,176.53	1,965.46	1,594.85	370.60	5.303		
13,700.00	7,247.53	13,427.41	7,070.52	188.91	188.91	84.83	562.64	-5,276.53	1,965.23	1,589.04	376.19	5.224		
13,800.00	7,247.77	13,527.41	7,070.53	191.71	191.72	84.82	562.61	-5,376.53	1,965.01	1,583.23	381.78	5.147		
13,900.00	7,248.02	13,627.41	7,070.54	194.52	194.53	84.82	562.58	-5,476.53	1,964.79	1,577.41	387.38	5.072		
14,000.00	7,248.27	13,727.41	7,070.54	197.32	197.34	84.81	562.54	-5,576.53	1,964.57	1,571.59	392.98	4.999		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	13,827.40	7,070.55	200.13	200.15	84.80	562.51	-5,676.53	1,964.34	1,565.76	398.58	4.928		
14,200.00	7,248.77	13,927.40	7,070.56	202.94	202.97	84.79	562.48	-5,776.53	1,964.12	1,559.94	404.18	4.859		
14,300.00	7,249.02	14,027.40	7,070.57	205.76	205.79	84.79	562.44	-5,876.53	1,963.90	1,554.11	409.79	4.792		
14,400.00	7,249.27	14,127.40	7,070.58	208.57	208.60	84.78	562.41	-5,976.53	1,963.67	1,548.28	415.40	4.727		
14,500.00	7,249.52	14,227.40	7,070.59	211.38	211.42	84.77	562.37	-6,076.52	1,963.45	1,542.44	421.01	4.664		
14,600.00	7,249.76	14,327.40	7,070.60	214.20	214.24	84.76	562.34	-6,176.52	1,963.23	1,536.61	426.62	4.602		
14,700.00	7,250.01	14,427.40	7,070.61	217.02	217.06	84.76	562.31	-6,276.52	1,963.01	1,530.77	432.24	4.541		
14,800.00	7,250.26	14,527.40	7,070.62	219.84	219.89	84.75	562.27	-6,376.52	1,962.78	1,524.93	437.86	4.483		
14,900.00	7,250.51	14,627.40	7,070.62	222.65	222.71	84.74	562.24	-6,476.52	1,962.56	1,519.09	443.47	4.425		
15,000.00	7,250.76	14,727.40	7,070.63	225.48	225.53	84.73	562.21	-6,576.52	1,962.34	1,513.24	449.09	4.370		
15,100.00	7,251.01	14,827.40	7,070.64	228.30	228.36	84.73	562.17	-6,676.52	1,962.12	1,507.40	454.72	4.315		
15,200.00	7,251.26	14,927.40	7,070.65	231.12	231.18	84.72	562.14	-6,776.52	1,961.90	1,501.55	460.34	4.262		
15,300.00	7,251.50	15,027.40	7,070.66	233.94	234.01	84.71	562.10	-6,876.52	1,961.67	1,495.71	465.97	4.210		
15,400.00	7,251.75	15,127.40	7,070.67	236.77	236.84	84.70	562.07	-6,976.52	1,961.45	1,489.86	471.59	4.159		
15,500.00	7,252.00	15,227.40	7,070.68	239.59	239.67	84.69	562.04	-7,076.52	1,961.23	1,484.00	477.22	4.110		
15,600.00	7,252.25	15,327.40	7,070.69	242.42	242.49	84.69	562.00	-7,176.52	1,961.01	1,478.15	482.85	4.061		
15,700.00	7,252.50	15,427.40	7,070.70	245.24	245.32	84.68	561.97	-7,276.52	1,960.78	1,472.30	488.49	4.014		
15,800.00	7,252.75	15,527.39	7,070.70	248.07	248.15	84.67	561.94	-7,376.52	1,960.56	1,466.44	494.12	3.968		
15,900.00	7,253.00	15,627.39	7,070.71	250.90	250.99	84.66	561.90	-7,476.52	1,960.34	1,460.59	499.75	3.923		
16,000.00	7,253.25	15,727.39	7,070.72	253.73	253.82	84.66	561.87	-7,576.52	1,960.12	1,454.73	505.39	3.878		
16,100.00	7,253.49	15,827.39	7,070.73	256.56	256.65	84.65	561.84	-7,676.52	1,959.90	1,448.87	511.02	3.835		
16,200.00	7,253.74	15,927.39	7,070.74	259.39	259.48	84.64	561.80	-7,776.51	1,959.67	1,443.01	516.66	3.793		
16,300.00	7,253.99	16,027.39	7,070.75	262.22	262.32	84.63	561.77	-7,876.51	1,959.45	1,437.15	522.30	3.752		
16,400.00	7,254.24	16,127.39	7,070.76	265.05	265.15	84.63	561.73	-7,976.51	1,959.23	1,431.29	527.94	3.711		
16,500.00	7,254.49	16,227.39	7,070.77	267.88	267.98	84.62	561.70	-8,076.51	1,959.01	1,425.43	533.58	3.671		
16,600.00	7,254.74	16,327.39	7,070.78	270.72	270.82	84.61	561.67	-8,176.51	1,958.79	1,419.56	539.22	3.633		
16,700.00	7,254.99	16,427.39	7,070.78	273.55	273.65	84.60	561.63	-8,276.51	1,958.56	1,413.70	544.87	3.595		
16,800.00	7,255.24	16,527.39	7,070.79	276.38	276.49	84.60	561.60	-8,376.51	1,958.34	1,407.83	550.51	3.557		
16,900.00	7,255.48	16,627.39	7,070.80	279.22	279.33	84.59	561.57	-8,476.51	1,958.12	1,401.97	556.15	3.521		
17,000.00	7,255.73	16,727.39	7,070.81	282.05	282.16	84.58	561.53	-8,576.51	1,957.90	1,396.10	561.80	3.485		
17,100.00	7,255.98	16,827.39	7,070.82	284.89	285.00	84.57	561.50	-8,676.51	1,957.68	1,390.23	567.45	3.450		
17,200.00	7,256.23	16,927.39	7,070.83	287.73	287.84	84.56	561.46	-8,776.51	1,957.46	1,384.36	573.09	3.416		
17,300.00	7,256.48	17,027.39	7,070.84	290.56	290.68	84.56	561.43	-8,876.51	1,957.23	1,378.49	578.74	3.382		
17,400.00	7,256.73	17,127.39	7,070.85	293.40	293.52	84.55	561.40	-8,976.51	1,957.01	1,372.62	584.39	3.349		
17,500.00	7,256.98	17,227.38	7,070.86	296.24	296.36	84.54	561.36	-9,076.51	1,956.79	1,366.75	590.04	3.316		
17,600.00	7,257.22	17,327.38	7,070.86	299.07	299.20	84.53	561.33	-9,176.51	1,956.57	1,360.88	595.69	3.285		
17,700.00	7,257.47	17,427.38	7,070.87	301.91	302.04	84.53	561.30	-9,276.51	1,956.35	1,355.01	601.34	3.253		
17,800.00	7,257.72	17,527.38	7,070.88	304.75	304.88	84.52	561.26	-9,376.51	1,956.13	1,349.14	606.99	3.223		
17,900.00	7,257.97	17,627.38	7,070.89	307.59	307.72	84.51	561.23	-9,476.50	1,955.91	1,343.26	612.64	3.193		
18,000.00	7,258.22	17,727.38	7,070.90	310.43	310.56	84.50	561.20	-9,576.50	1,955.68	1,337.39	618.30	3.163		
18,100.00	7,258.47	17,827.38	7,070.91	313.27	313.40	84.50	561.16	-9,676.50	1,955.46	1,331.51	623.95	3.134		
18,200.00	7,258.72	17,927.38	7,070.92	316.11	316.24	84.49	561.13	-9,776.50	1,955.24	1,325.64	629.60	3.106		
18,300.00	7,258.97	18,027.38	7,070.93	318.95	319.08	84.48	561.09	-9,876.50	1,955.02	1,319.76	635.26	3.078		
18,400.00	7,259.21	18,127.38	7,070.94	321.79	321.93	84.47	561.06	-9,976.50	1,954.80	1,313.89	640.91	3.050		
18,500.00	7,259.46	18,227.38	7,070.94	324.63	324.77	84.46	561.03	-10,076.50	1,954.58	1,308.01	646.57	3.023		
18,600.00	7,259.71	18,327.38	7,070.95	327.48	327.61	84.46	560.99	-10,176.50	1,954.36	1,302.13	652.22	2.996		
18,700.00	7,259.96	18,427.38	7,070.96	330.32	330.45	84.45	560.96	-10,276.50	1,954.14	1,296.26	657.88	2.970		
18,800.00	7,260.21	18,527.38	7,070.97	333.16	333.30	84.44	560.93	-10,376.50	1,953.91	1,290.38	663.54	2.945		
18,900.00	7,260.46	18,627.38	7,070.98	336.00	336.14	84.43	560.89	-10,476.50	1,953.69	1,284.50	669.19	2.919		
19,000.00	7,260.71	18,727.38	7,070.99	338.85	338.99	84.43	560.86	-10,576.50	1,953.47	1,278.62	674.85	2.895		
19,100.00	7,260.95	18,827.38	7,071.00	341.69	341.83	84.42	560.82	-10,676.50	1,953.25	1,272.74	680.51	2.870		
19,118.22	7,261.00	18,845.59	7,071.00	342.21	342.35	84.42	560.82	-10,694.72	1,953.21	1,271.67	681.54	2.866 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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.53	60.11	0.56	60.11					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	60.11	0.56	60.11	53.54	6.57	9.150		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	60.11	0.56	60.11	53.44	6.67	9.007		
300.00	300.00	300.00	300.00	3.44	3.44	0.53	60.11	0.56	60.11	53.22	6.89	8.725 CC, ES		
400.00	399.98	400.91	400.89	3.60	3.60	-135.51	59.33	2.15	60.61	53.41	7.20	8.420		
500.00	499.84	501.79	501.62	3.79	3.80	-134.45	57.00	6.94	62.11	54.52	7.59	8.185		
600.00	599.45	602.62	602.06	4.03	4.04	-132.79	53.11	14.91	64.66	56.59	8.06	8.018		
700.00	698.70	703.38	702.05	4.30	4.31	-130.69	47.68	26.04	68.29	59.68	8.61	7.930		
800.00	797.47	804.05	801.45	4.60	4.62	-128.29	40.72	40.31	73.08	63.85	9.23	7.919		
900.00	895.62	904.59	900.11	4.94	4.97	-125.76	32.25	57.68	79.06	69.15	9.91	7.978		
1,000.00	993.06	1,004.54	997.63	5.32	5.35	-123.71	22.64	77.38	86.43	75.79	10.65	8.117		
1,100.00	1,089.64	1,104.10	1,094.72	5.73	5.75	-123.58	12.98	97.19	95.74	84.30	11.44	8.367		
1,131.50	1,119.87	1,135.42	1,125.26	5.87	5.88	-123.89	9.94	103.43	99.07	87.37	11.70	8.465		
1,200.00	1,185.51	1,203.49	1,191.64	6.18	6.17	-124.76	3.33	116.97	106.54	94.26	12.28	8.678		
1,300.00	1,281.33	1,302.87	1,288.55	6.65	6.60	-125.83	-6.31	136.74	117.48	104.33	13.14	8.940		
1,400.00	1,377.14	1,402.25	1,385.47	7.13	7.05	-126.72	-15.96	156.52	128.45	114.42	14.03	9.155		
1,500.00	1,472.96	1,501.62	1,482.38	7.63	7.50	-127.46	-25.60	176.29	139.45	124.51	14.94	9.333		
1,600.00	1,568.78	1,601.00	1,579.29	8.14	7.97	-128.10	-35.25	196.06	150.47	134.60	15.87	9.482		
1,700.00	1,664.60	1,700.38	1,676.20	8.66	8.44	-128.66	-44.89	215.84	161.50	144.69	16.81	9.608		
1,800.00	1,760.41	1,800.24	1,773.12	9.19	8.92	-129.14	-54.53	235.61	172.55	154.78	17.77	9.713		
1,900.00	1,856.23	1,900.86	1,870.03	9.73	9.41	-129.56	-64.18	255.39	183.61	164.87	18.73	9.800		
2,000.00	1,952.05	2,001.49	1,966.94	10.27	9.90	-129.93	-73.82	275.16	194.67	174.96	19.71	9.876		
2,100.00	2,047.86	2,102.11	2,063.85	10.81	10.40	-130.27	-83.47	294.93	205.75	185.05	20.70	9.941		
2,200.00	2,143.68	2,202.73	2,160.77	11.36	10.90	-130.57	-93.11	314.71	216.83	195.14	21.69	9.997		
2,300.00	2,239.50	2,296.65	2,257.68	11.92	11.37	-130.84	-102.76	334.48	227.91	205.26	22.65	10.061		
2,400.00	2,335.32	2,403.97	2,354.59	12.47	11.91	-131.09	-112.40	354.25	239.00	215.31	23.69	10.090		
2,500.00	2,431.13	2,504.59	2,451.50	13.03	12.41	-131.31	-122.04	374.03	250.10	225.40	24.69	10.128		
2,600.00	2,526.95	2,605.22	2,548.41	13.59	12.92	-131.52	-131.69	393.80	261.19	235.49	25.70	10.162		
2,700.00	2,622.77	2,705.84	2,645.33	14.15	13.43	-131.70	-141.33	413.57	272.29	245.58	26.72	10.192		
2,800.00	2,718.59	2,806.46	2,742.24	14.72	13.94	-131.88	-150.98	433.35	283.40	255.66	27.73	10.219		
2,900.00	2,814.40	2,892.92	2,839.15	15.29	14.39	-132.04	-160.62	453.12	294.50	265.82	28.68	10.268		
3,000.00	2,910.22	3,007.70	2,936.06	15.85	14.97	-132.19	-170.26	472.90	305.61	275.84	29.77	10.265		
3,100.00	3,006.04	3,108.33	3,032.98	16.42	15.49	-132.33	-179.91	492.67	316.72	285.92	30.80	10.284		
3,200.00	3,101.85	3,208.95	3,129.89	16.99	16.00	-132.46	-189.55	512.44	327.83	296.01	31.82	10.302		
3,300.00	3,197.67	3,290.43	3,226.80	17.56	16.42	-132.58	-199.20	532.22	338.95	306.19	32.75	10.349		
3,400.00	3,293.49	3,389.81	3,323.71	18.14	16.94	-132.69	-208.84	551.99	350.06	316.29	33.77	10.365		
3,500.00	3,389.31	3,489.19	3,420.63	18.71	17.45	-132.80	-218.49	571.76	361.18	326.38	34.80	10.379		
3,600.00	3,485.12	3,588.56	3,517.54	19.28	17.96	-132.90	-228.13	591.54	372.29	336.47	35.82	10.392		
3,700.00	3,580.94	3,687.94	3,614.45	19.86	18.48	-132.99	-237.77	611.31	383.41	346.56	36.85	10.405		
3,800.00	3,676.76	3,787.32	3,711.36	20.43	18.99	-133.08	-247.42	631.08	394.53	356.65	37.88	10.416		
3,900.00	3,772.58	3,886.70	3,808.28	21.01	19.50	-133.16	-257.06	650.86	405.65	366.74	38.90	10.427		
4,000.00	3,868.39	3,986.08	3,905.19	21.58	20.02	-133.24	-266.71	670.63	416.77	376.84	39.93	10.436		
4,100.00	3,964.21	4,085.46	4,002.10	22.16	20.54	-133.32	-276.35	690.41	427.89	386.93	40.96	10.446		
4,200.00	4,060.03	4,184.83	4,099.01	22.74	21.05	-133.39	-286.00	710.18	439.01	397.02	41.99	10.454		
4,300.00	4,155.85	4,284.21	4,195.92	23.32	21.57	-133.46	-295.64	729.95	450.14	407.11	43.03	10.462		
4,400.00	4,251.66	4,383.59	4,292.84	23.89	22.09	-133.52	-305.28	749.73	461.26	417.20	44.06	10.469		
4,500.00	4,347.48	4,482.97	4,389.75	24.47	22.60	-133.58	-314.93	769.50	472.38	427.29	45.09	10.476		
4,600.00	4,443.30	4,582.35	4,486.66	25.05	23.12	-133.64	-324.57	789.27	483.51	437.38	46.13	10.482		
4,700.00	4,539.11	4,681.72	4,583.57	25.63	23.64	-133.70	-334.22	809.05	494.63	447.47	47.16	10.489		
4,800.00	4,634.93	4,781.10	4,680.49	26.21	24.16	-133.75	-343.86	828.82	505.76	457.56	48.19	10.494		
4,900.00	4,730.75	4,880.48	4,777.40	26.79	24.68	-133.80	-353.51	848.59	516.88	467.65	49.23	10.500		
5,000.00	4,826.57	4,979.86	4,874.31	27.37	25.19	-133.85	-363.15	868.37	528.01	477.74	50.26	10.505		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	5,079.24	4,971.22	27.95	25.71	-133.90	-372.79	888.14	539.13	487.83	51.30	10.509		
5,200.00	5,018.20	5,178.62	5,068.14	28.53	26.23	-133.94	-382.44	907.92	550.26	497.92	52.34	10.514		
5,300.00	5,114.02	5,277.99	5,165.05	29.11	26.75	-133.99	-392.08	927.69	561.39	508.01	53.37	10.518		
5,400.00	5,209.84	5,377.37	5,261.96	29.69	27.27	-134.03	-401.73	947.46	572.52	518.10	54.41	10.522		
5,500.00	5,305.65	5,476.75	5,358.87	30.27	27.79	-134.07	-411.37	967.24	583.64	528.19	55.45	10.526		
5,600.00	5,401.47	5,576.13	5,455.79	30.86	28.31	-134.11	-421.01	987.01	594.77	538.28	56.49	10.529		
5,700.00	5,497.29	5,675.51	5,552.70	31.44	28.83	-134.14	-430.66	1,006.78	605.90	548.37	57.52	10.533		
5,800.00	5,593.10	5,774.88	5,649.61	32.02	29.35	-134.18	-440.30	1,026.56	617.03	558.46	58.56	10.536		
5,900.00	5,688.92	5,874.26	5,746.52	32.60	29.87	-134.21	-449.95	1,046.33	628.16	568.55	59.60	10.539		
6,000.00	5,784.74	5,973.64	5,843.44	33.18	30.39	-134.25	-459.59	1,066.10	639.29	578.64	60.64	10.542		
6,100.00	5,880.56	6,073.02	5,940.35	33.76	30.91	-134.28	-469.24	1,085.88	650.41	588.73	61.68	10.545		
6,200.00	5,976.37	6,172.40	6,037.26	34.35	31.43	-134.31	-478.88	1,105.65	661.54	598.82	62.72	10.548		
6,300.00	6,072.19	6,271.77	6,134.17	34.93	31.95	-134.34	-488.52	1,125.42	672.67	608.91	63.76	10.550		
6,400.00	6,168.01	6,371.15	6,231.08	35.51	32.47	-134.37	-498.17	1,145.20	683.80	619.00	64.80	10.553		
6,500.00	6,263.83	6,470.53	6,328.00	36.09	32.99	-134.40	-507.81	1,164.97	694.93	629.09	65.84	10.555		
6,600.00	6,359.64	6,569.91	6,424.91	36.68	33.51	-134.43	-517.46	1,184.75	706.06	639.18	66.88	10.557		
6,700.00	6,455.46	6,670.71	6,523.52	37.26	34.03	-134.59	-527.26	1,203.08	717.15	649.25	67.90	10.562		
6,733.48	6,487.54	6,704.73	6,557.20	37.45	34.18	-134.87	-530.60	1,206.45	720.79	652.59	68.20	10.569		
6,750.00	6,503.41	6,721.38	6,573.74	37.55	34.25	-139.11	-532.24	1,207.45	722.60	654.26	68.33	10.575		
6,800.00	6,551.83	6,771.45	6,623.55	37.82	34.44	-155.08	-537.15	1,207.81	728.14	659.44	68.70	10.598		
6,850.00	6,600.62	6,821.02	6,672.75	38.05	34.61	-175.47	-541.99	1,204.29	733.79	664.76	69.03	10.630		
6,900.00	6,649.47	6,870.11	6,721.05	38.25	34.76	163.13	-546.73	1,197.02	739.50	670.17	69.34	10.666		
6,950.00	6,698.08	6,918.75	6,768.23	38.42	34.92	145.20	-551.34	1,186.16	745.24	675.61	69.63	10.703		
7,000.00	6,746.15	6,966.97	6,814.04	38.57	35.08	132.05	-555.80	1,171.85	750.97	681.05	69.93	10.739		
7,050.00	6,793.39	7,014.78	6,858.29	38.71	35.25	122.69	-560.10	1,154.26	756.65	686.41	70.24	10.773		
7,100.00	6,839.50	7,062.23	6,900.76	38.84	35.42	115.89	-564.21	1,133.56	762.23	691.67	70.56	10.802		
7,150.00	6,884.20	7,109.32	6,941.30	38.97	35.61	110.77	-568.11	1,109.93	767.69	696.77	70.91	10.825		
7,200.00	6,927.21	7,156.09	6,979.73	39.11	35.82	106.80	-571.79	1,083.54	772.97	701.67	71.30	10.842		
7,250.00	6,968.28	7,202.57	7,015.91	39.25	36.04	103.62	-575.24	1,054.58	778.05	706.33	71.72	10.849		
7,300.00	7,007.13	7,248.78	7,049.69	39.41	36.28	101.02	-578.45	1,023.24	782.88	710.70	72.18	10.846		
7,350.00	7,043.55	7,294.74	7,080.97	39.58	36.54	98.87	-581.40	989.71	787.43	714.74	72.69	10.832		
7,400.00	7,077.29	7,340.49	7,109.63	39.77	36.83	97.07	-584.08	954.17	791.67	718.40	73.27	10.805		
7,450.00	7,108.16	7,386.03	7,135.57	39.98	37.15	95.56	-586.49	916.82	795.58	721.67	73.91	10.764		
7,500.00	7,135.96	7,431.39	7,158.70	40.22	37.50	94.29	-588.61	877.87	799.12	724.49	74.63	10.708		
7,550.00	7,160.53	7,476.61	7,178.95	40.49	37.88	93.22	-590.45	837.50	802.26	726.84	75.42	10.637		
7,600.00	7,181.70	7,521.68	7,196.25	40.79	38.28	92.34	-591.98	795.91	804.99	728.70	76.29	10.551		
7,650.00	7,199.35	7,566.65	7,210.55	41.13	38.72	91.64	-593.22	753.31	807.29	730.05	77.25	10.451		
7,700.00	7,213.38	7,611.51	7,221.80	41.51	39.19	91.08	-594.15	709.89	809.14	730.87	78.28	10.337		
7,750.00	7,223.68	7,656.31	7,229.97	41.93	39.68	90.68	-594.78	665.86	810.53	731.15	79.38	10.211		
7,800.00	7,230.21	7,701.04	7,235.03	42.38	40.19	90.41	-595.10	621.43	811.45	730.90	80.54	10.075		
7,850.00	7,232.92	7,754.90	7,236.99	42.87	40.84	90.29	-595.11	577.29	811.88	730.00	81.89	9.915		
7,858.69	7,233.00	7,753.92	7,237.01	42.95	40.83	90.28	-595.07	568.60	811.91	729.93	81.98	9.904		
7,900.00	7,233.10	7,804.77	7,237.08	43.38	41.47	90.28	-594.91	527.29	811.99	728.81	83.18	9.762		
8,000.00	7,233.35	7,904.77	7,237.27	44.56	42.86	90.28	-594.52	427.30	812.16	726.16	86.00	9.444		
8,100.00	7,233.60	8,004.77	7,237.46	45.91	44.39	90.27	-594.13	327.30	812.34	723.24	89.10	9.117		
8,200.00	7,233.85	8,104.77	7,237.64	47.41	46.06	90.27	-593.74	227.30	812.52	720.07	92.45	8.789		
8,300.00	7,234.10	8,204.77	7,237.83	49.05	47.84	90.26	-593.35	127.30	812.70	716.68	96.02	8.464		
8,400.00	7,234.35	8,295.23	7,238.02	50.81	49.54	90.26	-592.96	27.30	812.88	713.27	99.61	8.161		
8,500.00	7,234.59	8,404.77	7,238.20	52.68	51.71	90.25	-592.57	-72.70	813.06	709.31	103.75	7.837		
8,600.00	7,234.84	8,504.77	7,238.39	54.65	53.77	90.25	-592.18	-172.70	813.24	705.38	107.86	7.540		
8,700.00	7,235.09	8,604.77	7,238.57	56.70	55.90	90.25	-591.79	-272.70	813.41	701.30	112.11	7.255		
8,800.00	7,235.34	8,704.77	7,238.76	58.82	58.09	90.24	-591.40	-372.70	813.59	697.10	116.49	6.984		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
8,900.00	7,235.59	8,804.77	7,238.95	61.01	60.35	90.24	-591.01	-472.69	813.77	692.79	120.98	6.727		
9,000.00	7,235.84	8,904.78	7,239.13	63.25	62.65	90.23	-590.62	-572.69	813.95	688.38	125.57	6.482		
9,100.00	7,236.09	9,004.78	7,239.32	65.55	65.00	90.23	-590.23	-672.69	814.13	683.88	130.25	6.250		
9,200.00	7,236.34	9,104.78	7,239.51	67.89	67.39	90.22	-589.83	-772.69	814.31	679.30	135.01	6.031		
9,300.00	7,236.58	9,204.78	7,239.69	70.27	69.81	90.22	-589.44	-872.69	814.49	674.64	139.84	5.824		
9,400.00	7,236.83	9,304.78	7,239.88	72.69	72.27	90.21	-589.05	-972.69	814.67	669.92	144.74	5.628		
9,500.00	7,237.08	9,404.78	7,240.07	75.14	74.75	90.21	-588.66	-1,072.69	814.84	665.15	149.70	5.443		
9,600.00	7,237.33	9,504.78	7,240.25	77.62	77.26	90.21	-588.27	-1,172.69	815.02	660.32	154.71	5.268		
9,700.00	7,237.58	9,604.78	7,240.44	80.12	79.80	90.20	-587.88	-1,272.69	815.20	655.44	159.76	5.103		
9,800.00	7,237.83	9,704.78	7,240.62	82.65	82.36	90.20	-587.49	-1,372.68	815.38	650.52	164.86	4.946		
9,900.00	7,238.08	9,804.78	7,240.81	85.20	84.93	90.19	-587.10	-1,472.68	815.56	645.56	170.00	4.797		
10,000.00	7,238.32	9,904.78	7,241.00	87.77	87.53	90.19	-586.71	-1,572.68	815.74	640.56	175.18	4.657		
10,100.00	7,238.57	10,004.78	7,241.18	90.36	90.14	90.18	-586.32	-1,672.68	815.92	635.53	180.39	4.523		
10,200.00	7,238.82	10,104.78	7,241.37	92.97	92.76	90.18	-585.93	-1,772.68	816.10	630.47	185.62	4.396		
10,300.00	7,239.07	10,204.78	7,241.56	95.59	95.40	90.17	-585.54	-1,872.68	816.27	625.38	190.89	4.276		
10,400.00	7,239.32	10,304.78	7,241.74	98.22	98.05	90.17	-585.15	-1,972.68	816.45	620.27	196.18	4.162		
10,500.00	7,239.57	10,404.78	7,241.93	100.87	100.72	90.17	-584.76	-2,072.68	816.63	615.13	201.50	4.053		
10,600.00	7,239.82	10,504.78	7,242.11	103.52	103.39	90.16	-584.37	-2,172.68	816.81	609.97	206.84	3.949		
10,700.00	7,240.07	10,604.78	7,242.30	106.19	106.08	90.16	-583.97	-2,272.67	816.99	604.80	212.19	3.850		
10,800.00	7,240.31	10,695.22	7,242.49	108.87	108.51	90.15	-583.58	-2,372.67	817.17	599.86	217.31	3.760		
10,900.00	7,240.56	10,804.78	7,242.67	111.56	111.47	90.15	-583.19	-2,472.67	817.35	594.38	222.96	3.666		
11,000.00	7,240.81	10,904.78	7,242.86	114.25	114.18	90.14	-582.80	-2,572.67	817.53	589.15	228.37	3.580		
11,100.00	7,241.06	11,004.78	7,243.05	116.96	116.89	90.14	-582.41	-2,672.67	817.70	583.91	233.79	3.498		
11,200.00	7,241.31	11,104.78	7,243.23	119.67	119.62	90.13	-582.02	-2,772.67	817.88	578.65	239.23	3.419		
11,300.00	7,241.56	11,204.78	7,243.42	122.39	122.35	90.13	-581.63	-2,872.67	818.06	573.38	244.68	3.343		
11,400.00	7,241.81	11,304.78	7,243.60	125.11	125.08	90.13	-581.24	-2,972.67	818.24	568.09	250.15	3.271		
11,500.00	7,242.06	11,404.78	7,243.79	127.84	127.82	90.12	-580.85	-3,072.67	818.42	562.80	255.62	3.202		
11,600.00	7,242.30	11,504.78	7,243.98	130.58	130.57	90.12	-580.46	-3,172.66	818.60	557.49	261.10	3.135		
11,700.00	7,242.55	11,604.78	7,244.16	133.32	133.32	90.11	-580.07	-3,272.66	818.78	552.18	266.60	3.071		
11,800.00	7,242.80	11,704.78	7,244.35	136.07	136.08	90.11	-579.68	-3,372.66	818.96	546.85	272.10	3.010		
11,900.00	7,243.05	11,804.78	7,244.54	138.82	138.84	90.10	-579.29	-3,472.66	819.13	541.52	277.62	2.951		
12,000.00	7,243.30	11,904.78	7,244.72	141.58	141.60	90.10	-578.90	-3,572.66	819.31	536.18	283.14	2.894		
12,100.00	7,243.55	12,004.78	7,244.91	144.34	144.37	90.10	-578.51	-3,672.66	819.49	530.83	288.67	2.839		
12,200.00	7,243.80	12,104.78	7,245.10	147.10	147.14	90.09	-578.11	-3,772.66	819.67	525.47	294.20	2.786		
12,300.00	7,244.04	12,204.78	7,245.28	149.87	149.91	90.09	-577.72	-3,872.66	819.85	520.10	299.75	2.735		
12,400.00	7,244.29	12,304.78	7,245.47	152.64	152.69	90.08	-577.33	-3,972.66	820.03	514.73	305.30	2.686		
12,500.00	7,244.54	12,404.78	7,245.65	155.41	155.47	90.08	-576.94	-4,072.65	820.21	509.36	310.85	2.639		
12,600.00	7,244.79	12,504.78	7,245.84	158.19	158.26	90.07	-576.55	-4,172.65	820.39	503.97	316.41	2.593		
12,700.00	7,245.04	12,604.78	7,246.03	160.97	161.04	90.07	-576.16	-4,272.65	820.56	498.58	321.98	2.548		
12,800.00	7,245.29	12,704.78	7,246.21	163.75	163.83	90.06	-575.77	-4,372.65	820.74	493.19	327.55	2.506		
12,900.00	7,245.54	12,804.78	7,246.40	166.54	166.62	90.06	-575.38	-4,472.65	820.92	487.79	333.13	2.464		
13,000.00	7,245.79	12,904.78	7,246.59	169.33	169.42	90.06	-574.99	-4,572.65	821.10	482.39	338.72	2.424		
13,100.00	7,246.03	13,004.78	7,246.77	172.12	172.21	90.05	-574.60	-4,672.65	821.28	476.98	344.30	2.385		
13,200.00	7,246.28	13,104.78	7,246.96	174.91	175.01	90.05	-574.21	-4,772.65	821.46	471.57	349.89	2.348		
13,300.00	7,246.53	13,204.78	7,247.14	177.71	177.81	90.04	-573.82	-4,872.65	821.64	466.15	355.49	2.311		
13,400.00	7,246.78	13,304.78	7,247.33	180.50	180.61	90.04	-573.43	-4,972.64	821.82	460.73	361.09	2.276		
13,500.00	7,247.03	13,404.78	7,247.52	183.30	183.42	90.03	-573.04	-5,072.64	822.00	455.30	366.69	2.242		
13,600.00	7,247.28	13,504.78	7,247.70	186.10	186.22	90.03	-572.65	-5,172.64	822.17	449.87	372.30	2.208		
13,700.00	7,247.53	13,604.78	7,247.89	188.91	189.03	90.03	-572.25	-5,272.64	822.35	444.44	377.91	2.176		
13,800.00	7,247.77	13,704.78	7,248.08	191.71	191.84	90.02	-571.86	-5,372.64	822.53	439.01	383.52	2.145		
13,900.00	7,248.02	13,804.78	7,248.26	194.52	194.65	90.02	-571.47	-5,472.64	822.71	433.57	389.14	2.114		
14,000.00	7,248.27	13,904.78	7,248.45	197.32	197.46	90.01	-571.08	-5,572.64	822.89	428.13	394.76	2.085		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	14,004.78	7,248.63	200.13	200.27	90.01	-570.69	-5,672.64	823.07	422.69	400.38	2.056		
14,200.00	7,248.77	14,104.78	7,248.82	202.94	203.09	90.00	-570.30	-5,772.64	823.25	417.24	406.01	2.028		
14,300.00	7,249.02	14,195.22	7,249.01	205.76	205.64	90.00	-569.91	-5,872.63	823.43	412.06	411.37	2.002		
14,400.00	7,249.27	14,304.78	7,249.19	208.57	208.72	90.00	-569.52	-5,972.63	823.61	406.34	417.27	1.974		
14,500.00	7,249.52	14,404.79	7,249.38	211.38	211.54	89.99	-569.13	-6,072.63	823.79	400.88	422.90	1.948		
14,600.00	7,249.76	14,504.79	7,249.57	214.20	214.36	89.99	-568.74	-6,172.63	823.96	395.43	428.54	1.923		
14,700.00	7,250.01	14,604.79	7,249.75	217.02	217.18	89.98	-568.35	-6,272.63	824.14	389.97	434.18	1.898		
14,800.00	7,250.26	14,704.79	7,249.94	219.84	220.00	89.98	-567.96	-6,372.63	824.32	384.51	439.82	1.874		
14,900.00	7,250.51	14,804.79	7,250.13	222.65	222.83	89.97	-567.57	-6,472.63	824.50	379.04	445.46	1.851		
15,000.00	7,250.76	14,904.79	7,250.31	225.48	225.65	89.97	-567.18	-6,572.63	824.68	373.58	451.10	1.828		
15,100.00	7,251.01	15,004.79	7,250.50	228.30	228.47	89.96	-566.79	-6,672.63	824.86	368.11	456.75	1.806		
15,200.00	7,251.26	15,104.79	7,250.68	231.12	231.30	89.96	-566.39	-6,772.62	825.04	362.64	462.40	1.784		
15,300.00	7,251.50	15,204.79	7,250.87	233.94	234.13	89.96	-566.00	-6,872.62	825.22	357.17	468.04	1.763		
15,400.00	7,251.75	15,304.79	7,251.06	236.77	236.95	89.95	-565.61	-6,972.62	825.40	351.70	473.70	1.742		
15,500.00	7,252.00	15,404.79	7,251.24	239.59	239.78	89.95	-565.22	-7,072.62	825.57	346.23	479.35	1.722		
15,600.00	7,252.25	15,504.79	7,251.43	242.42	242.61	89.94	-564.83	-7,172.62	825.75	340.75	485.00	1.703		
15,700.00	7,252.50	15,604.79	7,251.62	245.24	245.44	89.94	-564.44	-7,272.62	825.93	335.27	490.66	1.683		
15,800.00	7,252.75	15,704.79	7,251.80	248.07	248.27	89.93	-564.05	-7,372.62	826.11	329.79	496.32	1.664		
15,900.00	7,253.00	15,804.79	7,251.99	250.90	251.10	89.93	-563.66	-7,472.62	826.29	324.31	501.98	1.646		
16,000.00	7,253.25	15,904.79	7,252.17	253.73	253.93	89.93	-563.27	-7,572.62	826.47	318.83	507.64	1.628		
16,100.00	7,253.49	16,004.79	7,252.36	256.56	256.76	89.92	-562.88	-7,672.61	826.65	313.35	513.30	1.610		
16,200.00	7,253.74	16,104.79	7,252.55	259.39	259.60	89.92	-562.49	-7,772.61	826.83	307.87	518.96	1.593		
16,300.00	7,253.99	16,204.79	7,252.73	262.22	262.43	89.91	-562.10	-7,872.61	827.01	302.38	524.63	1.576		
16,400.00	7,254.24	16,304.79	7,252.92	265.05	265.27	89.91	-561.71	-7,972.61	827.19	296.89	530.29	1.560		
16,500.00	7,254.49	16,404.79	7,253.11	267.88	268.10	89.90	-561.32	-8,072.61	827.36	291.41	535.96	1.544		
16,600.00	7,254.74	16,504.79	7,253.29	270.72	270.94	89.90	-560.92	-8,172.61	827.54	285.92	541.63	1.528		
16,700.00	7,254.99	16,604.79	7,253.48	273.55	273.77	89.90	-560.53	-8,272.61	827.72	280.43	547.30	1.512		
16,800.00	7,255.24	16,704.79	7,253.66	276.38	276.61	89.89	-560.14	-8,372.61	827.90	274.93	552.97	1.497 Level 3		
16,900.00	7,255.48	16,804.79	7,253.85	279.22	279.44	89.89	-559.75	-8,472.61	828.08	269.44	558.64	1.482 Level 3		
17,000.00	7,255.73	16,904.79	7,254.04	282.05	282.28	89.88	-559.36	-8,572.60	828.26	263.95	564.31	1.468 Level 3		
17,100.00	7,255.98	17,004.79	7,254.22	284.89	285.12	89.88	-558.97	-8,672.60	828.44	258.46	569.98	1.453 Level 3		
17,200.00	7,256.23	17,104.79	7,254.41	287.73	287.96	89.87	-558.58	-8,772.60	828.62	252.96	575.66	1.439 Level 3		
17,300.00	7,256.48	17,204.79	7,254.60	290.56	290.80	89.87	-558.19	-8,872.60	828.80	247.46	581.33	1.426 Level 3		
17,400.00	7,256.73	17,304.79	7,254.78	293.40	293.64	89.87	-557.80	-8,972.60	828.98	241.97	587.01	1.412 Level 3		
17,500.00	7,256.98	17,404.79	7,254.97	296.24	296.48	89.86	-557.41	-9,072.60	829.16	236.47	592.69	1.399 Level 3		
17,600.00	7,257.22	17,504.79	7,255.16	299.07	299.32	89.86	-557.02	-9,172.60	829.33	230.97	598.36	1.386 Level 3		
17,700.00	7,257.47	17,604.79	7,255.34	301.91	302.16	89.85	-556.63	-9,272.60	829.51	225.47	604.04	1.373 Level 3		
17,800.00	7,257.72	17,704.79	7,255.53	304.75	305.00	89.85	-556.24	-9,372.60	829.69	219.97	609.72	1.361 Level 3		
17,900.00	7,257.97	17,804.79	7,255.71	307.59	307.84	89.84	-555.85	-9,472.59	829.87	214.47	615.40	1.349 Level 3		
18,000.00	7,258.22	17,904.79	7,255.90	310.43	310.68	89.84	-555.46	-9,572.59	830.05	208.97	621.08	1.336 Level 3		
18,100.00	7,258.47	18,004.79	7,256.09	313.27	313.52	89.84	-555.06	-9,672.59	830.23	203.47	626.76	1.325 Level 3		
18,200.00	7,258.72	18,104.79	7,256.27	316.11	316.36	89.83	-554.67	-9,772.59	830.41	197.96	632.45	1.313 Level 3		
18,300.00	7,258.97	18,204.79	7,256.46	318.95	319.21	89.83	-554.28	-9,872.59	830.59	192.46	638.13	1.302 Level 3		
18,400.00	7,259.21	18,304.79	7,256.65	321.79	322.05	89.82	-553.89	-9,972.59	830.77	186.95	643.81	1.290 Level 3		
18,500.00	7,259.46	18,404.79	7,256.83	324.63	324.89	89.82	-553.50	-10,072.59	830.95	181.45	649.50	1.279 Level 3		
18,600.00	7,259.71	18,495.21	7,257.02	327.48	327.46	89.81	-553.11	-10,172.59	831.13	176.21	654.91	1.269 Level 3		
18,700.00	7,259.96	18,604.79	7,257.20	330.32	330.58	89.81	-552.72	-10,272.59	831.30	170.44	660.87	1.258 Level 3		
18,800.00	7,260.21	18,704.79	7,257.39	333.16	333.42	89.81	-552.33	-10,372.58	831.48	164.93	666.56	1.247 Level 2		
18,900.00	7,260.46	18,795.21	7,257.58	336.00	336.00	89.80	-551.94	-10,472.58	831.66	159.69	671.97	1.238 Level 2		
19,000.00	7,260.71	18,904.79	7,257.76	338.85	339.11	89.80	-551.55	-10,572.58	831.84	153.91	677.93	1.227 Level 2		
19,100.00	7,260.95	18,995.21	7,257.95	341.69	341.69	89.79	-551.16	-10,672.58	832.02	148.68	683.35	1.218 Level 2		
19,118.22	7,261.00	19,013.43	7,257.98	342.21	342.20	89.79	-551.09	-10,690.80	832.05	147.67	684.38	1.216 Level 2, SF		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
300.00	300.00	300.39	300.37	3.44	3.44	1.97	74.75	2.57	74.79	67.90	6.89	10.859		
322.99	322.98	323.44	323.40	3.48	3.47	-133.80	74.59	3.45	74.73	67.78	6.95	10.753 CC, ES		
400.00	399.98	400.61	400.44	3.60	3.60	-131.41	73.83	7.75	75.38	68.19	7.19	10.479		
500.00	499.84	500.61	500.06	3.79	3.80	-127.86	72.31	16.35	78.22	70.64	7.59	10.309		
600.00	599.45	600.32	599.02	4.03	4.05	-124.11	70.20	28.33	83.43	75.36	8.07	10.341		
700.00	698.70	699.68	697.15	4.30	4.33	-120.48	67.50	43.64	91.04	82.41	8.63	10.554		
800.00	797.47	808.41	794.24	4.60	4.69	-117.18	64.23	62.19	101.06	91.77	9.29	10.876		
900.00	895.62	902.21	891.25	4.94	5.03	-115.07	60.63	82.62	113.15	103.18	9.97	11.348		
1,000.00	993.06	1,003.15	988.12	5.32	5.42	-114.75	57.03	103.02	126.77	116.04	10.73	11.815		
1,100.00	1,089.64	1,104.34	1,084.75	5.73	5.83	-115.71	53.44	123.37	141.86	130.32	11.54	12.295		
1,131.50	1,119.87	1,126.71	1,115.11	5.87	5.92	-116.21	52.32	129.76	146.94	135.17	11.76	12.492		
1,200.00	1,185.51	1,205.80	1,181.11	6.18	6.26	-117.48	49.87	143.66	158.20	145.82	12.39	12.770		
1,300.00	1,281.33	1,307.29	1,277.44	6.65	6.70	-119.06	46.29	163.95	174.77	161.50	13.27	13.171		
1,400.00	1,377.14	1,408.77	1,373.78	7.13	7.16	-120.35	42.71	184.24	191.44	177.26	14.18	13.505		
1,500.00	1,472.96	1,489.74	1,470.12	7.63	7.52	-121.44	39.14	204.52	208.19	193.18	15.01	13.873		
1,600.00	1,568.78	1,588.26	1,566.46	8.14	7.98	-122.37	35.56	224.81	225.00	209.07	15.93	14.121		
1,700.00	1,664.60	1,686.78	1,662.80	8.66	8.44	-123.17	31.98	245.10	241.86	224.99	16.87	14.333		
1,800.00	1,760.41	1,785.29	1,759.13	9.19	8.91	-123.86	28.40	265.38	258.77	240.94	17.83	14.516		
1,900.00	1,856.23	1,883.81	1,855.47	9.73	9.38	-124.47	24.83	285.67	275.70	256.91	18.79	14.674		
2,000.00	1,952.05	1,982.32	1,951.81	10.27	9.85	-125.01	21.25	305.96	292.66	272.90	19.76	14.812		
2,100.00	2,047.86	2,080.84	2,048.15	10.81	10.33	-125.49	17.67	326.25	309.65	288.91	20.73	14.934		
2,200.00	2,143.68	2,179.36	2,144.49	11.36	10.81	-125.92	14.09	346.53	326.65	304.93	21.72	15.041		
2,300.00	2,239.50	2,277.87	2,240.82	11.92	11.29	-126.31	10.52	366.82	343.67	320.96	22.70	15.136		
2,400.00	2,335.32	2,376.39	2,337.16	12.47	11.78	-126.66	6.94	387.11	360.70	337.00	23.70	15.221		
2,500.00	2,431.13	2,474.90	2,433.50	13.03	12.26	-126.98	3.36	407.40	377.75	353.05	24.69	15.297		
2,600.00	2,526.95	2,573.42	2,529.84	13.59	12.75	-127.27	-0.21	427.68	394.80	369.11	25.69	15.366		
2,700.00	2,622.77	2,671.93	2,626.18	14.15	13.24	-127.54	-3.79	447.97	411.86	385.17	26.70	15.428		
2,800.00	2,718.59	2,770.45	2,722.51	14.72	13.73	-127.78	-7.37	468.26	428.94	401.23	27.70	15.484		
2,900.00	2,814.40	2,868.97	2,818.85	15.29	14.22	-128.01	-10.95	488.55	446.02	417.31	28.71	15.535		
3,000.00	2,910.22	2,967.48	2,915.19	15.85	14.72	-128.22	-14.52	508.83	463.10	433.38	29.72	15.582		
3,100.00	3,006.04	3,066.00	3,011.53	16.42	15.21	-128.42	-18.10	529.12	480.19	449.46	30.73	15.625		
3,200.00	3,101.85	3,164.51	3,107.87	16.99	15.71	-128.60	-21.68	549.41	497.29	465.54	31.75	15.664		
3,300.00	3,197.67	3,263.03	3,204.20	17.56	16.20	-128.77	-25.25	569.69	514.39	481.63	32.76	15.701		
3,400.00	3,293.49	3,361.55	3,300.54	18.14	16.70	-128.93	-28.83	589.98	531.49	497.71	33.78	15.734		
3,500.00	3,389.31	3,460.06	3,396.88	18.71	17.20	-129.08	-32.41	610.27	548.60	513.80	34.80	15.765		
3,600.00	3,485.12	3,558.58	3,493.22	19.28	17.69	-129.22	-35.99	630.56	565.72	529.90	35.82	15.794		
3,700.00	3,580.94	3,657.09	3,589.55	19.86	18.19	-129.35	-39.56	650.84	582.83	545.99	36.84	15.821		
3,800.00	3,676.76	3,755.61	3,685.89	20.43	18.69	-129.48	-43.14	671.13	599.95	562.09	37.86	15.846		
3,900.00	3,772.58	3,854.13	3,782.23	21.01	19.19	-129.59	-46.72	691.42	617.07	578.18	38.88	15.869		
4,000.00	3,868.39	3,952.64	3,878.57	21.58	19.69	-129.70	-50.29	711.71	634.19	594.28	39.91	15.891		
4,100.00	3,964.21	4,051.16	3,974.91	22.16	20.19	-129.81	-53.87	731.99	651.32	610.38	40.93	15.912		
4,200.00	4,060.03	4,149.67	4,071.24	22.74	20.69	-129.91	-57.45	752.28	668.44	626.49	41.96	15.931		
4,300.00	4,155.85	4,248.19	4,167.58	23.32	21.19	-130.00	-61.03	772.57	685.57	642.59	42.98	15.949		
4,400.00	4,251.66	4,346.70	4,263.92	23.89	21.69	-130.09	-64.60	792.86	702.70	658.69	44.01	15.966		
4,500.00	4,347.48	4,445.22	4,360.26	24.47	22.20	-130.18	-68.18	813.14	719.84	674.80	45.04	15.983		
4,600.00	4,443.30	4,543.74	4,456.60	25.05	22.70	-130.26	-71.76	833.43	736.97	690.90	46.07	15.998		
4,700.00	4,539.11	4,642.25	4,552.93	25.63	23.20	-130.34	-75.34	853.72	754.11	707.01	47.10	16.012		
4,800.00	4,634.93	4,740.77	4,649.27	26.21	23.70	-130.42	-78.91	874.01	771.24	723.12	48.12	16.026		
4,900.00	4,730.75	4,839.28	4,745.61	26.79	24.21	-130.49	-82.49	894.29	788.38	739.23	49.15	16.039		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	4,937.80	4,841.95	27.37	24.71	-130.56	-86.07	914.58	805.52	755.33	50.18	16.051		
5,100.00	4,922.38	5,036.32	4,938.29	27.95	25.21	-130.62	-89.64	934.87	822.66	771.44	51.21	16.063		
5,200.00	5,018.20	5,134.83	5,034.62	28.53	25.72	-130.68	-93.22	955.15	839.80	787.55	52.25	16.074		
5,300.00	5,114.02	5,233.35	5,130.96	29.11	26.22	-130.74	-96.80	975.44	856.94	803.66	53.28	16.085		
5,400.00	5,209.84	5,331.86	5,227.30	29.69	26.72	-130.80	-100.38	995.73	874.08	819.78	54.31	16.095		
5,500.00	5,305.65	5,430.38	5,323.64	30.27	27.23	-130.86	-103.95	1,016.02	891.23	835.89	55.34	16.104		
5,600.00	5,401.47	5,528.89	5,419.98	30.86	27.73	-130.91	-107.53	1,036.30	908.37	852.00	56.37	16.114		
5,700.00	5,497.29	5,627.41	5,516.31	31.44	28.23	-130.96	-111.11	1,056.59	925.52	868.11	57.41	16.122		
5,800.00	5,593.10	5,725.93	5,612.65	32.02	28.74	-131.01	-114.68	1,076.88	942.66	884.23	58.44	16.131		
5,900.00	5,688.92	5,824.44	5,708.99	32.60	29.24	-131.06	-118.26	1,097.17	959.81	900.34	59.47	16.139		
6,000.00	5,784.74	5,922.96	5,805.33	33.18	29.75	-131.11	-121.84	1,117.45	976.96	916.45	60.50	16.147		
6,100.00	5,880.56	6,021.47	5,901.67	33.76	30.25	-131.15	-125.42	1,137.74	994.11	932.57	61.54	16.154		
6,200.00	5,976.37	6,119.99	5,998.00	34.35	30.76	-131.20	-128.99	1,158.03	1,011.25	948.68	62.57	16.161		
6,300.00	6,072.19	6,218.51	6,094.34	34.93	31.26	-131.24	-132.57	1,178.32	1,028.40	964.80	63.61	16.168		
6,400.00	6,168.01	6,319.69	6,193.35	35.51	31.77	-131.30	-136.25	1,198.82	1,045.53	980.87	64.66	16.170		
6,500.00	6,263.83	6,430.94	6,303.97	36.09	32.25	-132.07	-140.41	1,208.51	1,061.83	996.19	65.64	16.176		
6,600.00	6,359.64	6,534.86	6,407.35	36.68	32.60	-133.68	-144.35	1,200.04	1,077.50	1,011.12	66.39	16.231		
6,700.00	6,455.46	6,627.36	6,497.14	37.26	32.93	-135.79	-147.84	1,178.44	1,093.81	1,026.83	66.99	16.329		
6,733.48	6,487.54	6,655.46	6,523.69	37.45	33.03	-136.55	-148.88	1,169.31	1,099.67	1,032.52	67.15	16.375		
6,750.00	6,503.41	6,668.90	6,536.24	37.55	33.09	-141.09	-149.37	1,164.54	1,102.67	1,035.43	67.23	16.401		
6,800.00	6,551.83	6,708.81	6,572.88	37.82	33.25	-157.99	-150.82	1,148.81	1,112.16	1,044.71	67.44	16.490		
6,850.00	6,600.62	6,747.69	6,607.57	38.05	33.42	-179.29	-152.19	1,131.30	1,122.20	1,054.57	67.63	16.594		
6,900.00	6,649.47	6,785.69	6,640.37	38.25	33.59	158.42	-153.51	1,112.18	1,132.66	1,064.87	67.79	16.710		
6,950.00	6,698.08	6,822.92	6,671.35	38.42	33.78	139.62	-154.76	1,091.58	1,143.42	1,075.50	67.93	16.833		
7,000.00	6,746.15	6,859.48	6,700.55	38.57	33.97	125.63	-155.94	1,069.61	1,154.37	1,086.31	68.06	16.962		
7,050.00	6,793.39	6,895.47	6,728.02	38.71	34.17	115.47	-157.07	1,046.40	1,165.37	1,097.18	68.19	17.090		
7,100.00	6,839.50	6,930.95	6,753.77	38.84	34.39	107.90	-158.13	1,022.02	1,176.32	1,107.98	68.33	17.214		
7,150.00	6,884.20	6,965.99	6,777.83	38.97	34.62	102.05	-159.14	996.57	1,187.10	1,118.61	68.49	17.332		
7,200.00	6,927.21	7,000.00	6,799.81	39.11	34.85	97.41	-160.07	970.64	1,197.61	1,128.95	68.66	17.442		
7,250.00	6,968.28	7,034.96	6,820.93	39.25	35.12	93.59	-160.97	942.80	1,207.75	1,138.87	68.88	17.533		
7,300.00	7,007.13	7,068.99	6,839.99	39.41	35.39	90.41	-161.79	914.62	1,217.43	1,148.29	69.14	17.609		
7,350.00	7,043.55	7,100.00	6,856.03	39.58	35.66	87.77	-162.50	888.09	1,226.57	1,157.15	69.41	17.671		
7,400.00	7,077.29	7,136.31	6,873.14	39.77	35.99	85.46	-163.26	856.08	1,235.07	1,165.26	69.81	17.692		
7,450.00	7,108.16	7,169.67	6,887.23	39.98	36.31	83.52	-163.91	825.85	1,242.88	1,172.64	70.24	17.694		
7,500.00	7,135.96	7,200.00	6,898.65	40.22	36.62	81.90	-164.44	797.77	1,249.94	1,179.21	70.73	17.672		
7,550.00	7,160.53	7,235.92	6,910.42	40.49	37.00	80.49	-165.01	763.84	1,256.18	1,184.82	71.36	17.604		
7,600.00	7,181.70	7,268.86	6,919.53	40.79	37.37	79.35	-165.48	732.20	1,261.55	1,189.51	72.04	17.511		
7,650.00	7,199.35	7,300.00	6,926.62	41.13	37.73	78.43	-165.85	701.88	1,266.02	1,193.22	72.81	17.389		
7,700.00	7,213.38	7,334.44	6,932.73	41.51	38.15	77.70	-166.21	667.99	1,269.55	1,195.86	73.69	17.228		
7,750.00	7,223.68	7,367.13	6,936.82	41.93	38.55	77.18	-166.48	635.56	1,272.11	1,197.47	74.64	17.042		
7,800.00	7,230.21	7,400.00	6,939.26	42.38	38.97	76.85	-166.70	602.78	1,273.69	1,198.01	75.68	16.830		
7,850.00	7,232.92	7,434.12	6,940.01	42.87	39.41	76.71	-166.85	568.68	1,274.26	1,197.47	76.79	16.593		
7,858.69	7,233.00	7,442.81	6,940.04	42.95	39.53	76.71	-166.88	559.99	1,274.24	1,197.22	77.01	16.546		
7,900.00	7,233.10	7,484.12	6,940.15	43.38	40.09	76.70	-167.04	518.68	1,274.00	1,195.92	78.08	16.317		
8,000.00	7,233.35	7,584.11	6,940.41	44.56	41.56	76.70	-167.41	418.68	1,273.42	1,192.55	80.87	15.746		
8,100.00	7,233.60	7,684.11	6,940.68	45.91	43.18	76.69	-167.79	318.69	1,272.85	1,188.90	83.94	15.163		
8,200.00	7,233.85	7,784.11	6,940.95	47.41	44.91	76.69	-168.16	218.69	1,272.27	1,185.01	87.26	14.580		
8,300.00	7,234.10	7,884.11	6,941.21	49.05	46.76	76.68	-168.54	118.69	1,271.70	1,180.89	90.81	14.004		
8,400.00	7,234.35	7,984.11	6,941.48	50.81	48.70	76.68	-168.91	18.70	1,271.12	1,176.57	94.55	13.444		
8,500.00	7,234.59	8,084.11	6,941.74	52.68	50.74	76.67	-169.29	-81.30	1,270.55	1,172.08	98.46	12.904		
8,600.00	7,234.84	8,184.10	6,942.01	54.65	52.85	76.67	-169.66	-181.30	1,269.97	1,167.44	102.53	12.386		
8,700.00	7,235.09	8,284.10	6,942.28	56.70	55.02	76.66	-170.04	-281.30	1,269.40	1,162.66	106.74	11.893		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,235.34	8,384.10	6,942.54	58.82	57.26	76.66	-170.41	-381.29	1,268.82	1,157.75	111.07	11.424		
8,900.00	7,235.59	8,484.10	6,942.81	61.01	59.55	76.65	-170.79	-481.29	1,268.25	1,152.74	115.50	10.980		
9,000.00	7,235.84	8,584.10	6,943.07	63.25	61.89	76.65	-171.17	-581.29	1,267.67	1,147.64	120.03	10.561		
9,100.00	7,236.09	8,684.10	6,943.34	65.55	64.27	76.64	-171.54	-681.28	1,267.10	1,142.44	124.65	10.165		
9,200.00	7,236.34	8,784.09	6,943.61	67.89	66.69	76.64	-171.92	-781.28	1,266.52	1,137.18	129.34	9.792		
9,300.00	7,236.58	8,884.09	6,943.87	70.27	69.14	76.63	-172.29	-881.28	1,265.94	1,131.84	134.11	9.440		
9,400.00	7,236.83	8,984.09	6,944.14	72.69	71.63	76.62	-172.67	-981.28	1,265.37	1,126.44	138.93	9.108		
9,500.00	7,237.08	9,084.09	6,944.40	75.14	74.14	76.62	-173.04	-1,081.27	1,264.79	1,120.99	143.80	8.795		
9,600.00	7,237.33	9,184.09	6,944.67	77.62	76.67	76.61	-173.42	-1,181.27	1,264.22	1,115.49	148.73	8.500		
9,700.00	7,237.58	9,284.09	6,944.94	80.12	79.23	76.61	-173.79	-1,281.27	1,263.64	1,109.94	153.70	8.221		
9,800.00	7,237.83	9,384.08	6,945.20	82.65	81.80	76.60	-174.17	-1,381.27	1,263.07	1,104.36	158.71	7.958		
9,900.00	7,238.08	9,484.08	6,945.47	85.20	84.40	76.60	-174.54	-1,481.26	1,262.49	1,098.73	163.76	7.709		
10,000.00	7,238.32	9,584.08	6,945.73	87.77	87.01	76.59	-174.92	-1,581.26	1,261.92	1,093.08	168.84	7.474		
10,100.00	7,238.57	9,684.08	6,946.00	90.36	89.64	76.59	-175.29	-1,681.26	1,261.34	1,087.39	173.96	7.251		
10,200.00	7,238.82	9,784.08	6,946.27	92.97	92.28	76.58	-175.67	-1,781.25	1,260.77	1,081.67	179.10	7.040		
10,300.00	7,239.07	9,884.07	6,946.53	95.59	94.93	76.58	-176.04	-1,881.25	1,260.19	1,075.93	184.26	6.839		
10,400.00	7,239.32	9,984.07	6,946.80	98.22	97.59	76.57	-176.42	-1,981.25	1,259.62	1,070.17	189.45	6.649		
10,500.00	7,239.57	10,084.07	6,947.06	100.87	100.27	76.57	-176.79	-2,081.25	1,259.04	1,064.38	194.66	6.468		
10,600.00	7,239.82	10,184.07	6,947.33	103.52	102.95	76.56	-177.17	-2,181.24	1,258.47	1,058.58	199.89	6.296		
10,700.00	7,240.07	10,284.07	6,947.60	106.19	105.65	76.55	-177.55	-2,281.24	1,257.89	1,052.75	205.14	6.132		
10,800.00	7,240.31	10,384.07	6,947.86	108.87	108.35	76.55	-177.92	-2,381.24	1,257.32	1,046.91	210.40	5.976		
10,900.00	7,240.56	10,484.06	6,948.13	111.56	111.06	76.54	-178.30	-2,481.23	1,256.74	1,041.06	215.69	5.827		
11,000.00	7,240.81	10,584.06	6,948.39	114.25	113.78	76.54	-178.67	-2,581.23	1,256.17	1,035.19	220.98	5.685		
11,100.00	7,241.06	10,684.06	6,948.66	116.96	116.50	76.53	-179.05	-2,681.23	1,255.59	1,029.30	226.29	5.549		
11,200.00	7,241.31	10,784.06	6,948.93	119.67	119.24	76.53	-179.42	-2,781.23	1,255.02	1,023.41	231.61	5.419		
11,300.00	7,241.56	10,884.06	6,949.19	122.39	121.97	76.52	-179.80	-2,881.22	1,254.44	1,017.50	236.94	5.294		
11,400.00	7,241.81	10,984.06	6,949.46	125.11	124.71	76.52	-180.17	-2,981.22	1,253.87	1,011.58	242.29	5.175		
11,500.00	7,242.06	11,084.05	6,949.72	127.84	127.46	76.51	-180.55	-3,081.22	1,253.29	1,005.65	247.64	5.061		
11,600.00	7,242.30	11,184.05	6,949.99	130.58	130.21	76.50	-180.92	-3,181.22	1,252.72	999.71	253.00	4.951		
11,700.00	7,242.55	11,284.05	6,950.26	133.32	132.97	76.50	-181.30	-3,281.21	1,252.14	993.77	258.38	4.846		
11,800.00	7,242.80	11,384.05	6,950.52	136.07	135.73	76.49	-181.67	-3,381.21	1,251.57	987.81	263.76	4.745		
11,900.00	7,243.05	11,484.05	6,950.79	138.82	138.50	76.49	-182.05	-3,481.21	1,250.99	981.85	269.15	4.648		
12,000.00	7,243.30	11,584.05	6,951.06	141.58	141.26	76.48	-182.42	-3,581.20	1,250.42	975.88	274.54	4.555		
12,100.00	7,243.55	11,684.04	6,951.32	144.34	144.04	76.48	-182.80	-3,681.20	1,249.84	969.90	279.94	4.465		
12,200.00	7,243.80	11,784.04	6,951.59	147.10	146.81	76.47	-183.18	-3,781.20	1,249.27	963.92	285.35	4.378		
12,300.00	7,244.04	11,884.04	6,951.85	149.87	149.59	76.47	-183.55	-3,881.20	1,248.69	957.93	290.77	4.294		
12,400.00	7,244.29	11,984.04	6,952.12	152.64	152.37	76.46	-183.93	-3,981.19	1,248.12	951.93	296.19	4.214		
12,500.00	7,244.54	12,084.04	6,952.39	155.41	155.16	76.46	-184.30	-4,081.19	1,247.55	945.93	301.62	4.136		
12,600.00	7,244.79	12,184.04	6,952.65	158.19	157.94	76.45	-184.68	-4,181.19	1,246.97	939.92	307.05	4.061		
12,700.00	7,245.04	12,284.03	6,952.92	160.97	160.73	76.44	-185.05	-4,281.18	1,246.40	933.91	312.48	3.989		
12,800.00	7,245.29	12,384.03	6,953.18	163.75	163.53	76.44	-185.43	-4,381.18	1,245.82	927.90	317.93	3.919		
12,900.00	7,245.54	12,484.03	6,953.45	166.54	166.32	76.43	-185.80	-4,481.18	1,245.25	921.88	323.37	3.851		
13,000.00	7,245.79	12,584.03	6,953.72	169.33	169.12	76.43	-186.18	-4,581.18	1,244.67	915.85	328.82	3.785		
13,100.00	7,246.03	12,684.03	6,953.98	172.12	171.91	76.42	-186.55	-4,681.17	1,244.10	909.82	334.27	3.722		
13,200.00	7,246.28	12,784.02	6,954.25	174.91	174.72	76.42	-186.93	-4,781.17	1,243.52	903.79	339.73	3.660		
13,300.00	7,246.53	12,884.02	6,954.51	177.71	177.52	76.41	-187.30	-4,881.17	1,242.95	897.76	345.19	3.601		
13,400.00	7,246.78	12,984.02	6,954.78	180.50	180.32	76.41	-187.68	-4,981.17	1,242.37	891.72	350.66	3.543		
13,500.00	7,247.03	13,084.02	6,955.05	183.30	183.13	76.40	-188.05	-5,081.16	1,241.80	885.68	356.12	3.487		
13,600.00	7,247.28	13,184.02	6,955.31	186.10	185.93	76.39	-188.43	-5,181.16	1,241.22	879.63	361.59	3.433		
13,700.00	7,247.53	13,284.02	6,955.58	188.91	188.74	76.39	-188.80	-5,281.16	1,240.65	873.58	367.07	3.380		
13,800.00	7,247.77	13,384.01	6,955.84	191.71	191.55	76.38	-189.18	-5,381.15	1,240.07	867.53	372.54	3.329		
13,900.00	7,248.02	13,484.01	6,956.11	194.52	194.37	76.38	-189.56	-5,481.15	1,239.50	861.48	378.02	3.279		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	13,584.01	6,956.38	197.32	197.18	76.37	-189.93	-5,581.15	1,238.92	855.42	383.50	3.231		
14,100.00	7,248.52	13,684.01	6,956.64	200.13	199.99	76.37	-190.31	-5,681.15	1,238.35	849.37	388.98	3.184		
14,200.00	7,248.77	13,784.01	6,956.91	202.94	202.81	76.36	-190.68	-5,781.14	1,237.78	843.31	394.47	3.138		
14,300.00	7,249.02	13,884.01	6,957.17	205.76	205.63	76.35	-191.06	-5,881.14	1,237.20	837.24	399.96	3.093		
14,400.00	7,249.27	13,984.00	6,957.44	208.57	208.44	76.35	-191.43	-5,981.14	1,236.63	831.18	405.45	3.050		
14,500.00	7,249.52	14,084.00	6,957.71	211.38	211.26	76.34	-191.81	-6,081.13	1,236.05	825.11	410.94	3.008		
14,600.00	7,249.76	14,184.00	6,957.97	214.20	214.08	76.34	-192.18	-6,181.13	1,235.48	819.04	416.43	2.967		
14,700.00	7,250.01	14,284.00	6,958.24	217.02	216.90	76.33	-192.56	-6,281.13	1,234.90	812.98	421.93	2.927		
14,800.00	7,250.26	14,384.00	6,958.50	219.84	219.73	76.33	-192.93	-6,381.13	1,234.33	806.90	427.42	2.888		
14,900.00	7,250.51	14,484.00	6,958.77	222.65	222.55	76.32	-193.31	-6,481.12	1,233.75	800.83	432.92	2.850		
15,000.00	7,250.76	14,583.99	6,959.04	225.48	225.37	76.32	-193.68	-6,581.12	1,233.18	794.76	438.42	2.813		
15,100.00	7,251.01	14,683.99	6,959.30	228.30	228.20	76.31	-194.06	-6,681.12	1,232.60	788.68	443.92	2.777		
15,200.00	7,251.26	14,783.99	6,959.57	231.12	231.02	76.30	-194.43	-6,781.12	1,232.03	782.60	449.43	2.741		
15,300.00	7,251.50	14,883.99	6,959.84	233.94	233.85	76.30	-194.81	-6,881.11	1,231.46	776.52	454.93	2.707		
15,400.00	7,251.75	14,983.99	6,960.10	236.77	236.68	76.29	-195.19	-6,981.11	1,230.88	770.44	460.44	2.673		
15,500.00	7,252.00	15,083.99	6,960.37	239.59	239.51	76.29	-195.56	-7,081.11	1,230.31	764.36	465.95	2.640		
15,600.00	7,252.25	15,183.98	6,960.63	242.42	242.33	76.28	-195.94	-7,181.10	1,229.73	758.28	471.45	2.608		
15,700.00	7,252.50	15,283.98	6,960.90	245.24	245.16	76.28	-196.31	-7,281.10	1,229.16	752.19	476.96	2.577		
15,800.00	7,252.75	15,383.98	6,961.17	248.07	247.99	76.27	-196.69	-7,381.10	1,228.58	746.11	482.47	2.546		
15,900.00	7,253.00	15,483.98	6,961.43	250.90	250.82	76.26	-197.06	-7,481.10	1,228.01	740.02	487.99	2.516		
16,000.00	7,253.25	15,583.98	6,961.70	253.73	253.66	76.26	-197.44	-7,581.09	1,227.43	733.94	493.50	2.487		
16,100.00	7,253.49	15,683.97	6,961.96	256.56	256.49	76.25	-197.81	-7,681.09	1,226.86	727.85	499.01	2.459		
16,200.00	7,253.74	15,783.97	6,962.23	259.39	259.32	76.25	-198.19	-7,781.09	1,226.29	721.76	504.53	2.431		
16,300.00	7,253.99	15,883.97	6,962.50	262.22	262.15	76.24	-198.56	-7,881.08	1,225.71	715.67	510.04	2.403		
16,400.00	7,254.24	15,983.97	6,962.76	265.05	264.99	76.24	-198.94	-7,981.08	1,225.14	709.58	515.56	2.376		
16,500.00	7,254.49	16,083.97	6,963.03	267.88	267.82	76.23	-199.31	-8,081.08	1,224.56	703.49	521.08	2.350		
16,600.00	7,254.74	16,183.97	6,963.29	270.72	270.66	76.22	-199.69	-8,181.08	1,223.99	697.39	526.59	2.324		
16,700.00	7,254.99	16,283.96	6,963.56	273.55	273.49	76.22	-200.06	-8,281.07	1,223.41	691.30	532.11	2.299		
16,800.00	7,255.24	16,383.96	6,963.83	276.38	276.33	76.21	-200.44	-8,381.07	1,222.84	685.21	537.63	2.274		
16,900.00	7,255.48	16,483.96	6,964.09	279.22	279.16	76.21	-200.81	-8,481.07	1,222.27	679.11	543.15	2.250		
17,000.00	7,255.73	16,583.96	6,964.36	282.05	282.00	76.20	-201.19	-8,581.07	1,221.69	673.02	548.67	2.227		
17,100.00	7,255.98	16,683.96	6,964.62	284.89	284.84	76.20	-201.57	-8,681.06	1,221.12	666.92	554.19	2.203		
17,200.00	7,256.23	16,783.96	6,964.89	287.73	287.68	76.19	-201.94	-8,781.06	1,220.54	660.83	559.72	2.181		
17,300.00	7,256.48	16,883.95	6,965.16	290.56	290.51	76.18	-202.32	-8,881.06	1,219.97	654.73	565.24	2.158		
17,400.00	7,256.73	16,983.95	6,965.42	293.40	293.35	76.18	-202.69	-8,981.05	1,219.39	648.63	570.76	2.136		
17,500.00	7,256.98	17,083.95	6,965.69	296.24	296.19	76.17	-203.07	-9,081.05	1,218.82	642.53	576.28	2.115		
17,600.00	7,257.22	17,183.95	6,965.95	299.07	299.03	76.17	-203.44	-9,181.05	1,218.25	636.44	581.81	2.094		
17,700.00	7,257.47	17,283.95	6,966.22	301.91	301.87	76.16	-203.82	-9,281.05	1,217.67	630.34	587.33	2.073		
17,800.00	7,257.72	17,383.95	6,966.49	304.75	304.71	76.15	-204.19	-9,381.04	1,217.10	624.24	592.86	2.053		
17,900.00	7,257.97	17,483.94	6,966.75	307.59	307.55	76.15	-204.57	-9,481.04	1,216.52	618.14	598.38	2.033		
18,000.00	7,258.22	17,583.94	6,967.02	310.43	310.39	76.14	-204.94	-9,581.04	1,215.95	612.04	603.91	2.013		
18,100.00	7,258.47	17,683.94	6,967.28	313.27	313.23	76.14	-205.32	-9,681.03	1,215.37	605.94	609.44	1.994		
18,200.00	7,258.72	17,783.94	6,967.55	316.11	316.07	76.13	-205.69	-9,781.03	1,214.80	599.84	614.96	1.975		
18,300.00	7,258.97	17,883.94	6,967.82	318.95	318.91	76.13	-206.07	-9,881.03	1,214.23	593.74	620.49	1.957		
18,400.00	7,259.21	17,983.94	6,968.08	321.79	321.75	76.12	-206.44	-9,981.03	1,213.65	587.63	626.02	1.939		
18,500.00	7,259.46	18,083.93	6,968.35	324.63	324.60	76.11	-206.82	-10,081.02	1,213.08	581.53	631.55	1.921		
18,600.00	7,259.71	18,183.93	6,968.61	327.48	327.44	76.11	-207.20	-10,181.02	1,212.50	575.43	637.07	1.903		
18,700.00	7,259.96	18,283.93	6,968.88	330.32	330.28	76.10	-207.57	-10,281.02	1,211.93	569.33	642.60	1.886		
18,800.00	7,260.21	18,383.93	6,969.15	333.16	333.13	76.10	-207.95	-10,381.02	1,211.36	563.22	648.13	1.869		
18,900.00	7,260.46	18,483.93	6,969.41	336.00	335.97	76.09	-208.32	-10,481.01	1,210.78	557.12	653.66	1.852		
19,000.00	7,260.71	18,583.93	6,969.68	338.85	338.81	76.08	-208.70	-10,581.01	1,210.21	551.02	659.19	1.836		
19,100.00	7,260.95	18,683.92	6,969.95	341.69	341.66	76.08	-209.07	-10,681.01	1,209.63	544.91	664.72	1.820		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 33N-9A-L - OH - Plan #1												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1												<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,118.22	7,261.00	18,702.14	6,969.99	342.21	342.17	76.08	-209.14	-10,699.22	1,209.53	543.80	665.73	1.817 SF	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.53	89.98	0.83	89.98					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	89.98	0.83	89.98	83.41	6.57	13.697		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	89.98	0.83	89.98	83.31	6.67	13.483		
300.00	300.00	300.00	300.00	3.44	3.44	0.53	89.98	0.83	89.98	83.09	6.89	13.060 CC, ES		
400.00	399.98	400.26	400.24	3.60	3.60	-135.52	89.81	2.58	91.09	83.89	7.20	12.657		
500.00	499.84	500.43	500.26	3.79	3.80	-134.52	89.31	7.81	94.41	86.82	7.59	12.446		
600.00	599.45	600.42	599.87	4.03	4.04	-133.01	88.47	16.50	100.00	91.94	8.06	12.410		
700.00	698.70	700.14	698.84	4.30	4.31	-131.14	87.30	28.60	107.90	99.30	8.60	12.542		
800.00	797.47	799.51	796.98	4.60	4.62	-129.11	85.81	44.07	118.17	108.95	9.22	12.823		
900.00	895.62	898.45	894.11	4.94	4.96	-127.04	84.00	62.83	130.83	120.94	9.89	13.226		
1,000.00	993.06	1,003.05	990.10	5.32	5.35	-125.05	81.88	84.76	145.89	135.24	10.65	13.695		
1,100.00	1,089.64	1,104.57	1,085.82	5.73	5.77	-123.96	79.66	107.84	163.10	151.64	11.46	14.233		
1,131.50	1,119.87	1,126.38	1,115.90	5.87	5.86	-123.85	78.96	115.09	168.93	157.25	11.68	14.460		
1,200.00	1,185.51	1,206.34	1,181.29	6.18	6.20	-123.92	77.44	130.86	181.80	169.49	12.31	14.766		
1,300.00	1,281.33	1,308.12	1,276.75	6.65	6.65	-124.02	75.22	153.88	200.60	187.40	13.20	15.198		
1,400.00	1,377.14	1,409.90	1,372.20	7.13	7.12	-124.09	73.00	176.90	219.39	205.28	14.11	15.544		
1,500.00	1,472.96	1,488.32	1,467.66	7.63	7.48	-124.16	70.78	199.92	238.19	223.25	14.94	15.940		
1,600.00	1,568.78	1,586.53	1,563.11	8.14	7.95	-124.22	68.56	222.93	256.98	241.10	15.88	16.180		
1,700.00	1,664.60	1,684.75	1,658.57	8.66	8.42	-124.26	66.34	245.95	275.78	258.94	16.84	16.377		
1,800.00	1,760.41	1,782.97	1,754.03	9.19	8.90	-124.31	64.12	268.97	294.58	276.77	17.81	16.541		
1,900.00	1,856.23	1,881.19	1,849.48	9.73	9.39	-124.34	61.90	291.99	313.37	294.58	18.79	16.678		
2,000.00	1,952.05	1,979.40	1,944.94	10.27	9.88	-124.38	59.68	315.00	332.17	312.39	19.78	16.793		
2,100.00	2,047.86	2,077.62	2,040.40	10.81	10.37	-124.40	57.46	338.02	350.96	330.19	20.78	16.890		
2,200.00	2,143.68	2,175.84	2,135.85	11.36	10.87	-124.43	55.24	361.04	369.76	347.98	21.79	16.973		
2,300.00	2,239.50	2,274.06	2,231.31	11.92	11.37	-124.45	53.02	384.06	388.56	365.76	22.80	17.043		
2,400.00	2,335.32	2,372.27	2,326.77	12.47	11.87	-124.48	50.80	407.07	407.35	383.54	23.82	17.104		
2,500.00	2,431.13	2,470.49	2,422.22	13.03	12.37	-124.50	48.58	430.09	426.15	401.31	24.84	17.157		
2,600.00	2,526.95	2,568.71	2,517.68	13.59	12.88	-124.51	46.36	453.11	444.95	419.08	25.87	17.202		
2,700.00	2,622.77	2,666.92	2,613.14	14.15	13.39	-124.53	44.14	476.13	463.74	436.85	26.90	17.242		
2,800.00	2,718.59	2,765.14	2,708.59	14.72	13.90	-124.55	41.92	499.15	482.54	454.61	27.93	17.277		
2,900.00	2,814.40	2,863.36	2,804.05	15.29	14.41	-124.56	39.70	522.16	501.34	472.37	28.97	17.307		
3,000.00	2,910.22	2,961.58	2,899.50	15.85	14.92	-124.57	37.48	545.18	520.13	490.13	30.01	17.334		
3,100.00	3,006.04	3,059.79	2,994.96	16.42	15.43	-124.58	35.26	568.20	538.93	507.88	31.05	17.358		
3,200.00	3,101.85	3,158.01	3,090.42	16.99	15.95	-124.60	33.04	591.22	557.73	525.64	32.09	17.379		
3,300.00	3,197.67	3,256.23	3,185.87	17.56	16.46	-124.61	30.82	614.23	576.52	543.39	33.14	17.398		
3,400.00	3,293.49	3,354.45	3,281.33	18.14	16.98	-124.62	28.60	637.25	595.32	561.14	34.19	17.414		
3,500.00	3,389.31	3,452.66	3,376.79	18.71	17.50	-124.63	26.37	660.27	614.12	578.88	35.23	17.429		
3,600.00	3,485.12	3,550.88	3,472.24	19.28	18.01	-124.63	24.15	683.29	632.91	596.63	36.29	17.442		
3,700.00	3,580.94	3,649.10	3,567.70	19.86	18.53	-124.64	21.93	706.31	651.71	614.37	37.34	17.454		
3,800.00	3,676.76	3,747.32	3,663.16	20.43	19.05	-124.65	19.71	729.32	670.51	632.12	38.39	17.465		
3,900.00	3,772.58	3,845.53	3,758.61	21.01	19.57	-124.66	17.49	752.34	689.31	649.86	39.45	17.475		
4,000.00	3,868.39	3,943.75	3,854.07	21.58	20.09	-124.67	15.27	775.36	708.10	667.60	40.50	17.483		
4,100.00	3,964.21	4,041.97	3,949.52	22.16	20.61	-124.67	13.05	798.38	726.90	685.34	41.56	17.491		
4,200.00	4,060.03	4,140.19	4,044.98	22.74	21.13	-124.68	10.83	821.39	745.70	703.08	42.62	17.498		
4,300.00	4,155.85	4,238.40	4,140.44	23.32	21.65	-124.68	8.61	844.41	764.49	720.82	43.67	17.505		
4,400.00	4,251.66	4,336.62	4,235.89	23.89	22.17	-124.69	6.39	867.43	783.29	738.56	44.73	17.510		
4,500.00	4,347.48	4,434.84	4,331.35	24.47	22.69	-124.70	4.17	890.45	802.09	756.29	45.79	17.516		
4,600.00	4,443.30	4,533.06	4,426.81	25.05	23.22	-124.70	1.95	913.47	820.88	774.03	46.85	17.520		
4,700.00	4,539.11	4,631.27	4,522.26	25.63	23.74	-124.71	-0.27	936.48	839.68	791.77	47.91	17.525		
4,800.00	4,634.93	4,729.49	4,617.72	26.21	24.26	-124.71	-2.49	959.50	858.48	809.50	48.98	17.529		
4,900.00	4,730.75	4,827.71	4,713.18	26.79	24.78	-124.71	-4.71	982.52	877.28	827.24	50.04	17.532		
5,000.00	4,826.57	4,925.93	4,808.63	27.37	25.31	-124.72	-6.93	1,005.54	896.07	844.97	51.10	17.535		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	5,024.14	4,904.09	27.95	25.83	-124.72	-9.15	1,028.55	914.87	862.71	52.16	17.538		
5,200.00	5,018.20	5,122.36	4,999.54	28.53	26.35	-124.73	-11.37	1,051.57	933.67	880.44	53.23	17.541		
5,300.00	5,114.02	5,220.58	5,095.00	29.11	26.88	-124.73	-13.59	1,074.59	952.46	898.17	54.29	17.543		
5,400.00	5,209.84	5,318.80	5,190.46	29.69	27.40	-124.73	-15.81	1,097.61	971.26	915.90	55.36	17.546		
5,500.00	5,305.65	5,417.01	5,285.91	30.27	27.93	-124.74	-18.03	1,120.63	990.06	933.64	56.42	17.548		
5,600.00	5,401.47	5,516.99	5,383.22	30.86	28.45	-124.78	-20.23	1,143.46	1,008.80	951.31	57.50	17.546		
5,700.00	5,497.29	5,618.15	5,482.37	31.44	28.96	-125.00	-22.15	1,163.40	1,027.29	968.75	58.54	17.547		
5,800.00	5,593.10	5,719.03	5,581.89	32.02	29.44	-125.41	-23.74	1,179.80	1,045.53	985.99	59.55	17.558		
5,900.00	5,688.92	5,819.37	5,681.39	32.60	29.89	-126.00	-24.97	1,192.64	1,063.60	1,003.09	60.51	17.579		
6,000.00	5,784.74	5,918.93	5,780.51	33.18	30.31	-126.74	-25.87	1,201.95	1,081.58	1,020.17	61.42	17.611		
6,100.00	5,880.56	6,017.50	5,878.90	33.76	30.70	-127.64	-26.43	1,207.79	1,099.61	1,037.33	62.28	17.656		
6,200.00	5,976.37	6,114.84	5,976.21	34.35	31.07	-128.66	-26.67	1,210.24	1,117.82	1,054.73	63.10	17.716		
6,300.00	6,072.19	6,210.83	6,072.19	34.93	31.42	-129.76	-26.68	1,210.33	1,136.38	1,072.51	63.87	17.793		
6,400.00	6,168.01	6,306.65	6,168.01	35.51	31.76	-130.82	-26.68	1,210.33	1,155.34	1,090.71	64.64	17.875		
6,500.00	6,263.83	6,402.46	6,263.83	36.09	32.11	-131.85	-26.68	1,210.33	1,174.70	1,109.30	65.40	17.961		
6,600.00	6,359.64	6,501.72	6,359.64	36.68	32.47	-132.85	-26.68	1,210.33	1,194.43	1,128.24	66.18	18.047		
6,700.00	6,455.46	6,595.93	6,455.46	37.26	32.80	-133.88	-26.69	1,209.43	1,214.48	1,147.54	66.95	18.141		
6,733.48	6,487.54	6,628.93	6,490.17	37.45	32.92	-134.33	-26.70	1,206.82	1,221.23	1,154.04	67.19	18.176		
6,750.00	6,503.41	6,644.91	6,506.03	37.55	32.97	-138.77	-26.71	1,204.95	1,224.59	1,157.29	67.30	18.195		
6,800.00	6,551.83	6,692.53	6,552.98	37.82	33.14	-155.36	-26.75	1,197.00	1,234.94	1,167.31	67.63	18.260		
6,850.00	6,600.62	6,739.16	6,598.24	38.05	33.32	-176.36	-26.81	1,185.85	1,245.50	1,177.57	67.93	18.336		
6,900.00	6,649.47	6,784.89	6,641.72	38.25	33.50	161.65	-26.88	1,171.72	1,256.20	1,188.00	68.21	18.418		
6,950.00	6,698.08	6,829.81	6,683.34	38.42	33.69	143.14	-26.97	1,154.84	1,266.96	1,198.49	68.48	18.502		
7,000.00	6,746.15	6,874.01	6,723.03	38.57	33.89	129.43	-27.07	1,135.40	1,277.69	1,208.95	68.75	18.585		
7,050.00	6,793.39	6,917.56	6,760.73	38.71	34.10	119.53	-27.19	1,113.61	1,288.32	1,219.29	69.03	18.663		
7,100.00	6,839.50	6,960.54	6,796.38	38.84	34.33	112.22	-27.31	1,089.62	1,298.74	1,229.41	69.33	18.733		
7,150.00	6,884.20	7,003.01	6,829.94	38.97	34.57	106.62	-27.45	1,063.61	1,308.90	1,239.25	69.65	18.792		
7,200.00	6,927.21	7,045.02	6,861.36	39.11	34.84	102.19	-27.60	1,035.74	1,318.71	1,248.71	70.01	18.837		
7,250.00	6,968.28	7,086.62	6,890.59	39.25	35.12	98.58	-27.75	1,006.15	1,328.10	1,257.70	70.40	18.865		
7,300.00	7,007.13	7,127.87	6,917.61	39.41	35.43	95.60	-27.91	974.99	1,337.01	1,266.17	70.84	18.874		
7,350.00	7,043.55	7,168.80	6,942.37	39.58	35.75	93.09	-28.08	942.41	1,345.35	1,274.03	71.32	18.863		
7,400.00	7,077.29	7,209.45	6,964.84	39.77	36.10	90.97	-28.26	908.54	1,353.09	1,281.22	71.87	18.828		
7,450.00	7,108.16	7,250.00	6,985.06	39.98	36.47	89.16	-28.45	873.39	1,360.15	1,287.68	72.47	18.767		
7,500.00	7,135.96	7,290.05	7,002.78	40.22	36.87	87.64	-28.63	837.49	1,366.50	1,293.34	73.16	18.679		
7,550.00	7,160.53	7,330.05	7,018.21	40.49	37.30	86.35	-28.83	800.59	1,372.08	1,298.17	73.91	18.564		
7,600.00	7,181.70	7,369.89	7,031.23	40.79	37.74	85.29	-29.02	762.94	1,376.86	1,302.12	74.74	18.422		
7,650.00	7,199.35	7,409.59	7,041.84	41.13	38.20	84.43	-29.23	724.69	1,380.80	1,305.15	75.65	18.253		
7,700.00	7,213.38	7,450.00	7,050.17	41.51	38.70	83.76	-29.43	685.16	1,383.88	1,307.25	76.63	18.058		
7,750.00	7,223.68	7,488.65	7,055.78	41.93	39.19	83.28	-29.63	646.92	1,386.08	1,308.40	77.68	17.843		
7,800.00	7,230.21	7,528.05	7,059.09	42.38	39.70	82.97	-29.84	607.67	1,387.38	1,308.58	78.79	17.608		
7,850.00	7,232.92	7,569.24	7,060.02	42.87	40.25	82.84	-30.05	566.50	1,387.76	1,307.78	79.97	17.353		
7,858.69	7,233.00	7,577.93	7,060.04	42.95	40.36	82.84	-30.10	557.81	1,387.71	1,307.52	80.20	17.304		
7,900.00	7,233.10	7,619.24	7,060.13	43.38	40.95	82.84	-30.32	516.50	1,387.41	1,306.11	81.30	17.065		
8,000.00	7,233.35	7,719.24	7,060.36	44.56	42.45	82.83	-30.84	416.51	1,386.68	1,302.52	84.17	16.476		
8,100.00	7,233.60	7,819.23	7,060.59	45.91	44.08	82.83	-31.36	316.51	1,385.96	1,298.65	87.31	15.874		
8,200.00	7,233.85	7,919.23	7,060.83	47.41	45.84	82.82	-31.89	216.52	1,385.23	1,294.53	90.70	15.273		
8,300.00	7,234.10	8,019.23	7,061.06	49.05	47.70	82.82	-32.41	116.52	1,384.50	1,290.19	94.31	14.681		
8,400.00	7,234.35	8,119.23	7,061.29	50.81	49.66	82.81	-32.94	16.52	1,383.77	1,285.66	98.11	14.104		
8,500.00	7,234.59	8,219.22	7,061.52	52.68	51.70	82.81	-33.46	-83.47	1,383.05	1,280.95	102.09	13.547		
8,600.00	7,234.84	8,319.22	7,061.75	54.65	53.81	82.81	-33.98	-183.47	1,382.32	1,276.09	106.23	13.013		
8,700.00	7,235.09	8,419.22	7,061.98	56.70	56.00	82.80	-34.51	-283.46	1,381.59	1,271.09	110.50	12.503		
8,800.00	7,235.34	8,519.21	7,062.21	58.82	58.24	82.80	-35.03	-383.46	1,380.86	1,265.97	114.89	12.019		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,235.59	8,619.21	7,062.44	61.01	60.53	82.79	-35.56	-483.45	1,380.14	1,260.74	119.40	11.559		
9,000.00	7,235.84	8,719.21	7,062.67	63.25	62.87	82.79	-36.08	-583.45	1,379.41	1,255.41	124.00	11.125		
9,100.00	7,236.09	8,819.21	7,062.90	65.55	65.25	82.78	-36.60	-683.45	1,378.68	1,250.00	128.68	10.714		
9,200.00	7,236.34	8,919.20	7,063.13	67.89	67.67	82.78	-37.13	-783.44	1,377.95	1,244.51	133.44	10.326		
9,300.00	7,236.58	9,019.20	7,063.36	70.27	70.12	82.77	-37.65	-883.44	1,377.22	1,238.95	138.28	9.960		
9,400.00	7,236.83	9,119.20	7,063.59	72.69	72.60	82.77	-38.18	-983.43	1,376.50	1,233.33	143.17	9.614		
9,500.00	7,237.08	9,219.20	7,063.82	75.14	75.11	82.76	-38.70	-1,083.43	1,375.77	1,227.65	148.12	9.288		
9,600.00	7,237.33	9,319.19	7,064.05	77.62	77.64	82.76	-39.22	-1,183.42	1,375.04	1,221.92	153.12	8.980		
9,700.00	7,237.58	9,419.19	7,064.28	80.12	80.20	82.75	-39.75	-1,283.42	1,374.31	1,216.15	158.17	8.689		
9,800.00	7,237.83	9,519.19	7,064.51	82.65	82.77	82.75	-40.27	-1,383.42	1,373.59	1,210.33	163.25	8.414		
9,900.00	7,238.08	9,619.19	7,064.74	85.20	85.37	82.75	-40.80	-1,483.41	1,372.86	1,204.48	168.38	8.153		
10,000.00	7,238.32	9,719.18	7,064.97	87.77	87.97	82.74	-41.32	-1,583.41	1,372.13	1,198.59	173.54	7.907		
10,100.00	7,238.57	9,819.18	7,065.21	90.36	90.60	82.74	-41.84	-1,683.40	1,371.40	1,192.67	178.73	7.673		
10,200.00	7,238.82	9,919.18	7,065.44	92.97	93.24	82.73	-42.37	-1,783.40	1,370.68	1,186.72	183.95	7.451		
10,300.00	7,239.07	10,019.17	7,065.67	95.59	95.89	82.73	-42.89	-1,883.39	1,369.95	1,180.75	189.20	7.241		
10,400.00	7,239.32	10,119.17	7,065.90	98.22	98.55	82.72	-43.42	-1,983.39	1,369.22	1,174.75	194.47	7.041		
10,500.00	7,239.57	10,219.17	7,066.13	100.87	101.22	82.72	-43.94	-2,083.38	1,368.49	1,168.73	199.76	6.851		
10,600.00	7,239.82	10,319.17	7,066.36	103.52	103.90	82.71	-44.46	-2,183.38	1,367.77	1,162.69	205.07	6.670		
10,700.00	7,240.07	10,419.16	7,066.59	106.19	106.60	82.71	-44.99	-2,283.38	1,367.04	1,156.63	210.41	6.497		
10,800.00	7,240.31	10,519.16	7,066.82	108.87	109.30	82.70	-45.51	-2,383.37	1,366.31	1,150.56	215.76	6.333		
10,900.00	7,240.56	10,619.16	7,067.05	111.56	112.00	82.70	-46.04	-2,483.37	1,365.58	1,144.46	221.12	6.176		
11,000.00	7,240.81	10,719.16	7,067.28	114.25	114.72	82.69	-46.56	-2,583.36	1,364.86	1,138.35	226.50	6.026		
11,100.00	7,241.06	10,819.15	7,067.51	116.96	117.44	82.69	-47.08	-2,683.36	1,364.13	1,132.23	231.90	5.882		
11,200.00	7,241.31	10,919.15	7,067.74	119.67	120.17	82.68	-47.61	-2,783.35	1,363.40	1,126.09	237.31	5.745		
11,300.00	7,241.56	11,019.15	7,067.97	122.39	122.90	82.68	-48.13	-2,883.35	1,362.67	1,119.95	242.73	5.614		
11,400.00	7,241.81	11,119.14	7,068.20	125.11	125.64	82.68	-48.66	-2,983.35	1,361.95	1,113.79	248.16	5.488		
11,500.00	7,242.06	11,219.14	7,068.43	127.84	128.39	82.67	-49.18	-3,083.34	1,361.22	1,107.62	253.60	5.368		
11,600.00	7,242.30	11,319.14	7,068.66	130.58	131.14	82.67	-49.70	-3,183.34	1,360.49	1,101.44	259.05	5.252		
11,700.00	7,242.55	11,419.14	7,068.89	133.32	133.89	82.66	-50.23	-3,283.33	1,359.76	1,095.25	264.52	5.141		
11,800.00	7,242.80	11,519.13	7,069.12	136.07	136.65	82.66	-50.75	-3,383.33	1,359.04	1,089.05	269.99	5.034		
11,900.00	7,243.05	11,619.13	7,069.35	138.82	139.42	82.65	-51.28	-3,483.32	1,358.31	1,082.84	275.46	4.931		
12,000.00	7,243.30	11,719.13	7,069.59	141.58	142.18	82.65	-51.80	-3,583.32	1,357.58	1,076.63	280.95	4.832		
12,100.00	7,243.55	11,819.13	7,069.82	144.34	144.95	82.64	-52.32	-3,683.32	1,356.85	1,070.41	286.45	4.737		
12,200.00	7,243.80	11,919.12	7,070.05	147.10	147.73	82.64	-52.85	-3,783.31	1,356.13	1,064.18	291.95	4.645		
12,300.00	7,244.04	12,019.12	7,070.28	149.87	150.50	82.63	-53.37	-3,883.31	1,355.40	1,057.95	297.45	4.557		
12,400.00	7,244.29	12,119.12	7,070.51	152.64	153.28	82.63	-53.90	-3,983.30	1,354.67	1,051.71	302.97	4.471		
12,500.00	7,244.54	12,219.11	7,070.74	155.41	156.06	82.62	-54.42	-4,083.30	1,353.94	1,045.46	308.49	4.389		
12,600.00	7,244.79	12,319.11	7,070.97	158.19	158.85	82.62	-54.94	-4,183.29	1,353.22	1,039.21	314.01	4.309		
12,700.00	7,245.04	12,419.11	7,071.20	160.97	161.64	82.61	-55.47	-4,283.29	1,352.49	1,032.95	319.54	4.233		
12,800.00	7,245.29	12,519.11	7,071.43	163.75	164.43	82.61	-55.99	-4,383.28	1,351.76	1,026.69	325.07	4.158		
12,900.00	7,245.54	12,619.10	7,071.66	166.54	167.22	82.60	-56.52	-4,483.28	1,351.04	1,020.42	330.61	4.086		
13,000.00	7,245.79	12,719.10	7,071.89	169.33	170.01	82.60	-57.04	-4,583.28	1,350.31	1,014.15	336.16	4.017		
13,100.00	7,246.03	12,819.10	7,072.12	172.12	172.81	82.59	-57.56	-4,683.27	1,349.58	1,007.87	341.71	3.950		
13,200.00	7,246.28	12,919.10	7,072.35	174.91	175.61	82.59	-58.09	-4,783.27	1,348.85	1,001.60	347.26	3.884		
13,300.00	7,246.53	13,019.09	7,072.58	177.71	178.41	82.59	-58.61	-4,883.26	1,348.13	995.31	352.81	3.821		
13,400.00	7,246.78	13,119.09	7,072.81	180.50	181.21	82.58	-59.14	-4,983.26	1,347.40	989.03	358.37	3.760		
13,500.00	7,247.03	13,219.09	7,073.04	183.30	184.02	82.58	-59.66	-5,083.25	1,346.67	982.74	363.94	3.700		
13,600.00	7,247.28	13,319.08	7,073.27	186.10	186.82	82.57	-60.18	-5,183.25	1,345.94	976.44	369.50	3.643		
13,700.00	7,247.53	13,419.08	7,073.50	188.91	189.63	82.57	-60.71	-5,283.25	1,345.22	970.15	375.07	3.587		
13,800.00	7,247.77	13,519.08	7,073.74	191.71	192.44	82.56	-61.23	-5,383.24	1,344.49	963.85	380.64	3.532		
13,900.00	7,248.02	13,619.08	7,073.97	194.52	195.25	82.56	-61.76	-5,483.24	1,343.76	957.54	386.22	3.479		
14,000.00	7,248.27	13,719.07	7,074.20	197.32	198.06	82.55	-62.28	-5,583.23	1,343.04	951.24	391.80	3.428		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	13,819.07	7,074.43	200.13	200.87	82.55	-62.80	-5,683.23	1,342.31	944.93	397.38	3.378		
14,200.00	7,248.77	13,919.07	7,074.66	202.94	203.69	82.54	-63.33	-5,783.22	1,341.58	938.62	402.96	3.329		
14,300.00	7,249.02	14,019.07	7,074.89	205.76	206.50	82.54	-63.85	-5,883.22	1,340.85	932.31	408.55	3.282		
14,400.00	7,249.27	14,119.06	7,075.12	208.57	209.32	82.53	-64.38	-5,983.22	1,340.13	925.99	414.13	3.236		
14,500.00	7,249.52	14,219.06	7,075.35	211.38	212.14	82.53	-64.90	-6,083.21	1,339.40	919.68	419.72	3.191		
14,600.00	7,249.76	14,319.06	7,075.58	214.20	214.96	82.52	-65.42	-6,183.21	1,338.67	913.36	425.32	3.147		
14,700.00	7,250.01	14,419.06	7,075.81	217.02	217.78	82.52	-65.95	-6,283.20	1,337.95	907.03	430.91	3.105		
14,800.00	7,250.26	14,519.05	7,076.04	219.84	220.60	82.51	-66.47	-6,383.20	1,337.22	900.71	436.51	3.063		
14,900.00	7,250.51	14,619.05	7,076.27	222.65	223.42	82.51	-67.00	-6,483.19	1,336.49	894.39	442.10	3.023		
15,000.00	7,250.76	14,719.05	7,076.50	225.48	226.24	82.50	-67.52	-6,583.19	1,335.76	888.06	447.70	2.984		
15,100.00	7,251.01	14,819.04	7,076.73	228.30	229.07	82.50	-68.04	-6,683.18	1,335.04	881.73	453.31	2.945		
15,200.00	7,251.26	14,919.04	7,076.96	231.12	231.89	82.49	-68.57	-6,783.18	1,334.31	875.40	458.91	2.908		
15,300.00	7,251.50	15,019.04	7,077.19	233.94	234.72	82.49	-69.09	-6,883.18	1,333.58	869.07	464.51	2.871		
15,400.00	7,251.75	15,119.04	7,077.42	236.77	237.54	82.48	-69.62	-6,983.17	1,332.86	862.74	470.12	2.835		
15,500.00	7,252.00	15,219.03	7,077.65	239.59	240.37	82.48	-70.14	-7,083.17	1,332.13	856.40	475.73	2.800		
15,600.00	7,252.25	15,319.03	7,077.88	242.42	243.20	82.47	-70.66	-7,183.16	1,331.40	850.07	481.34	2.766		
15,700.00	7,252.50	15,419.03	7,078.12	245.24	246.02	82.47	-71.19	-7,283.16	1,330.68	843.73	486.95	2.733		
15,800.00	7,252.75	15,519.03	7,078.35	248.07	248.85	82.46	-71.71	-7,383.15	1,329.95	837.39	492.56	2.700		
15,900.00	7,253.00	15,619.02	7,078.58	250.90	251.68	82.46	-72.24	-7,483.15	1,329.22	831.05	498.17	2.668		
16,000.00	7,253.25	15,719.02	7,078.81	253.73	254.51	82.45	-72.76	-7,583.15	1,328.49	824.71	503.79	2.637		
16,100.00	7,253.49	15,819.02	7,079.04	256.56	257.34	82.45	-73.28	-7,683.14	1,327.77	818.37	509.40	2.607		
16,200.00	7,253.74	15,919.01	7,079.27	259.39	260.17	82.44	-73.81	-7,783.14	1,327.04	812.02	515.02	2.577		
16,300.00	7,253.99	16,019.01	7,079.50	262.22	263.01	82.44	-74.33	-7,883.13	1,326.31	805.68	520.63	2.547		
16,400.00	7,254.24	16,119.01	7,079.73	265.05	265.84	82.43	-74.86	-7,983.13	1,325.59	799.33	526.25	2.519		
16,500.00	7,254.49	16,219.01	7,079.96	267.88	268.67	82.43	-75.38	-8,083.12	1,324.86	792.99	531.87	2.491		
16,600.00	7,254.74	16,319.00	7,080.19	270.72	271.51	82.42	-75.90	-8,183.12	1,324.13	786.64	537.49	2.464		
16,700.00	7,254.99	16,419.00	7,080.42	273.55	274.34	82.42	-76.43	-8,283.12	1,323.41	780.29	543.11	2.437		
16,800.00	7,255.24	16,519.00	7,080.65	276.38	277.18	82.41	-76.95	-8,383.11	1,322.68	773.94	548.74	2.410		
16,900.00	7,255.48	16,619.00	7,080.88	279.22	280.01	82.41	-77.48	-8,483.11	1,321.95	767.59	554.36	2.385		
17,000.00	7,255.73	16,718.99	7,081.11	282.05	282.85	82.40	-78.00	-8,583.10	1,321.22	761.24	559.98	2.359		
17,100.00	7,255.98	16,818.99	7,081.34	284.89	285.68	82.40	-78.52	-8,683.10	1,320.50	754.89	565.61	2.335		
17,200.00	7,256.23	16,918.99	7,081.57	287.73	288.52	82.39	-79.05	-8,783.09	1,319.77	748.54	571.23	2.310		
17,300.00	7,256.48	17,018.98	7,081.80	290.56	291.36	82.39	-79.57	-8,883.09	1,319.04	742.18	576.86	2.287		
17,400.00	7,256.73	17,118.98	7,082.03	293.40	294.19	82.38	-80.10	-8,983.08	1,318.32	735.83	582.49	2.263		
17,500.00	7,256.98	17,218.98	7,082.26	296.24	297.03	82.38	-80.62	-9,083.08	1,317.59	729.48	588.11	2.240		
17,600.00	7,257.22	17,318.98	7,082.50	299.07	299.87	82.37	-81.14	-9,183.08	1,316.86	723.12	593.74	2.218		
17,700.00	7,257.47	17,418.97	7,082.73	301.91	302.71	82.37	-81.67	-9,283.07	1,316.14	716.76	599.37	2.196		
17,800.00	7,257.72	17,518.97	7,082.96	304.75	305.55	82.36	-82.19	-9,383.07	1,315.41	710.41	605.00	2.174		
17,900.00	7,257.97	17,618.97	7,083.19	307.59	308.39	82.36	-82.72	-9,483.06	1,314.68	704.05	610.63	2.153		
18,000.00	7,258.22	17,718.97	7,083.42	310.43	311.22	82.35	-83.24	-9,583.06	1,313.96	697.69	616.26	2.132		
18,100.00	7,258.47	17,818.96	7,083.65	313.27	314.06	82.35	-83.76	-9,683.05	1,313.23	691.33	621.89	2.112		
18,200.00	7,258.72	17,918.96	7,083.88	316.11	316.91	82.34	-84.29	-9,783.05	1,312.50	684.98	627.53	2.092		
18,300.00	7,258.97	18,018.96	7,084.11	318.95	319.75	82.34	-84.81	-9,883.05	1,311.78	678.62	633.16	2.072		
18,400.00	7,259.21	18,118.96	7,084.34	321.79	322.59	82.33	-85.34	-9,983.04	1,311.05	672.26	638.79	2.052		
18,500.00	7,259.46	18,218.95	7,084.57	324.63	325.43	82.33	-85.86	-10,083.04	1,310.32	665.90	644.43	2.033		
18,600.00	7,259.71	18,318.95	7,084.80	327.48	328.27	82.32	-86.38	-10,183.03	1,309.60	659.53	650.06	2.015		
18,700.00	7,259.96	18,418.95	7,085.03	330.32	331.11	82.32	-86.91	-10,283.03	1,308.87	653.17	655.69	1.996		
18,800.00	7,260.21	18,518.94	7,085.26	333.16	333.95	82.31	-87.43	-10,383.02	1,308.14	646.81	661.33	1.978		
18,900.00	7,260.46	18,618.94	7,085.49	336.00	336.80	82.31	-87.96	-10,483.02	1,307.42	640.45	666.97	1.960		
19,000.00	7,260.71	18,718.94	7,085.72	338.85	339.64	82.30	-88.48	-10,583.02	1,306.69	634.09	672.60	1.943		
19,100.00	7,260.95	18,818.94	7,085.95	341.69	342.48	82.30	-89.00	-10,683.01	1,305.96	627.72	678.24	1.926		
19,118.22	7,261.00	18,837.15	7,086.00	342.21	343.00	82.30	-89.10	-10,701.23	1,305.83	626.57	679.26	1.922 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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	0.71	45.18	0.56	45.18					
100.00	100.00	100.00	100.00	3.28	3.28	0.71	45.18	0.56	45.18	38.61	6.57	6.878		
200.00	200.00	200.00	200.00	3.34	3.34	0.71	45.18	0.56	45.18	38.51	6.67	6.770		
300.00	300.00	300.74	300.72	3.44	3.44	2.70	44.29	2.09	44.35	37.46	6.89	6.437		
400.00	399.98	401.32	401.16	3.60	3.60	-129.15	41.64	6.68	43.27	36.07	7.20	6.012		
442.70	442.64	444.22	443.93	3.67	3.68	-126.94	39.98	9.57	43.16	35.80	7.36	5.866 CC		
500.00	499.84	501.76	501.20	3.79	3.80	-123.79	37.24	14.31	43.37	35.77	7.59	5.712		
600.00	599.45	602.04	600.72	4.03	4.05	-118.02	31.10	24.95	44.77	36.70	8.07	5.548		
700.00	698.70	702.15	699.58	4.30	4.33	-112.33	23.23	38.57	47.54	38.92	8.63	5.511		
800.00	797.47	802.06	797.64	4.60	4.66	-107.10	13.66	55.14	51.70	42.44	9.26	5.583		
900.00	895.62	901.82	894.88	4.94	5.03	-102.81	2.52	74.44	57.17	47.20	9.97	5.736		
1,000.00	993.06	1,001.61	991.98	5.32	5.42	-101.72	-8.97	94.33	63.60	52.86	10.74	5.923		
1,100.00	1,089.64	1,101.31	1,089.01	5.73	5.84	-103.57	-20.44	114.21	70.79	59.23	11.56	6.124		
1,131.50	1,119.87	1,132.69	1,119.54	5.87	5.97	-104.62	-24.05	120.47	73.25	61.42	11.83	6.192		
1,200.00	1,185.51	1,200.89	1,185.91	6.18	6.27	-107.02	-31.90	134.07	78.79	66.36	12.43	6.341		
1,300.00	1,281.33	1,300.45	1,282.80	6.65	6.72	-109.98	-43.37	153.92	87.09	73.77	13.32	6.538		
1,400.00	1,377.14	1,400.02	1,379.69	7.13	7.18	-112.41	-54.83	173.77	95.57	81.33	14.24	6.712		
1,500.00	1,472.96	1,500.42	1,476.58	7.63	7.65	-114.45	-66.29	193.62	104.20	89.02	15.18	6.864		
1,600.00	1,568.78	1,599.15	1,573.47	8.14	8.13	-116.17	-77.75	213.47	112.95	96.82	16.13	7.003		
1,700.00	1,664.60	1,701.29	1,670.36	8.66	8.62	-117.65	-89.21	233.32	121.77	104.67	17.10	7.120		
1,800.00	1,760.41	1,801.73	1,767.25	9.19	9.12	-118.92	-100.67	253.17	130.67	112.59	18.08	7.227		
1,900.00	1,856.23	1,902.16	1,864.14	9.73	9.61	-120.04	-112.13	273.02	139.62	120.56	19.07	7.322		
2,000.00	1,952.05	2,002.60	1,961.03	10.27	10.12	-121.01	-123.59	292.87	148.62	128.56	20.06	7.408		
2,100.00	2,047.86	2,103.03	2,057.92	10.81	10.62	-121.88	-135.05	312.72	157.66	136.60	21.06	7.486		
2,200.00	2,143.68	2,203.47	2,154.81	11.36	11.13	-122.65	-146.51	332.57	166.73	144.66	22.07	7.556		
2,300.00	2,239.50	2,303.91	2,251.70	11.92	11.64	-123.34	-157.97	352.42	175.83	152.75	23.08	7.620		
2,400.00	2,335.32	2,404.34	2,348.59	12.47	12.16	-123.97	-169.43	372.28	184.95	160.86	24.09	7.678		
2,500.00	2,431.13	2,504.78	2,445.48	13.03	12.67	-124.53	-180.90	392.13	194.09	168.98	25.11	7.731		
2,600.00	2,526.95	2,605.21	2,542.37	13.59	13.19	-125.05	-192.36	411.98	203.24	177.12	26.13	7.779		
2,700.00	2,622.77	2,705.65	2,639.26	14.15	13.71	-125.52	-203.82	431.83	212.41	185.26	27.15	7.824		
2,800.00	2,718.59	2,793.92	2,736.15	14.72	14.16	-125.95	-215.28	451.68	221.60	193.48	28.11	7.883		
2,900.00	2,814.40	2,906.52	2,833.04	15.29	14.75	-126.35	-226.74	471.53	230.79	201.59	29.20	7.903		
3,000.00	2,910.22	3,006.96	2,929.93	15.85	15.27	-126.71	-238.20	491.38	240.00	209.77	30.23	7.939		
3,100.00	3,006.04	3,107.39	3,026.82	16.42	15.79	-127.05	-249.66	511.23	249.21	217.95	31.26	7.972		
3,200.00	3,101.85	3,207.83	3,123.70	16.99	16.32	-127.37	-261.12	531.08	258.44	226.14	32.30	8.002		
3,300.00	3,197.67	3,308.26	3,220.59	17.56	16.84	-127.66	-272.58	550.93	267.67	234.34	33.33	8.031		
3,400.00	3,293.49	3,408.70	3,317.48	18.14	17.37	-127.93	-284.04	570.78	276.90	242.54	34.37	8.058		
3,500.00	3,389.31	3,509.14	3,414.37	18.71	17.90	-128.19	-295.50	590.63	286.14	250.74	35.40	8.083		
3,600.00	3,485.12	3,609.57	3,511.26	19.28	18.42	-128.43	-306.96	610.48	295.39	258.95	36.44	8.106		
3,700.00	3,580.94	3,689.99	3,608.15	19.86	18.85	-128.66	-318.42	630.33	304.64	267.27	37.38	8.151		
3,800.00	3,676.76	3,789.56	3,705.04	20.43	19.37	-128.87	-329.89	650.19	313.90	275.49	38.41	8.172		
3,900.00	3,772.58	3,889.12	3,801.93	21.01	19.89	-129.07	-341.35	670.04	323.16	283.71	39.45	8.192		
4,000.00	3,868.39	3,988.68	3,898.82	21.58	20.42	-129.26	-352.81	689.89	332.43	291.94	40.49	8.211		
4,100.00	3,964.21	4,088.25	3,995.71	22.16	20.94	-129.44	-364.27	709.74	341.69	300.17	41.52	8.229		
4,200.00	4,060.03	4,187.81	4,092.60	22.74	21.47	-129.61	-375.73	729.59	350.96	308.40	42.56	8.246		
4,300.00	4,155.85	4,287.38	4,189.49	23.32	21.99	-129.77	-387.19	749.44	360.24	316.64	43.60	8.262		
4,400.00	4,251.66	4,386.94	4,286.38	23.89	22.52	-129.92	-398.65	769.29	369.52	324.87	44.64	8.277		
4,500.00	4,347.48	4,486.50	4,383.27	24.47	23.05	-130.06	-410.11	789.14	378.79	333.11	45.68	8.292		
4,600.00	4,443.30	4,586.07	4,480.16	25.05	23.57	-130.20	-421.57	808.99	388.08	341.35	46.72	8.306		
4,700.00	4,539.11	4,685.63	4,577.05	25.63	24.10	-130.33	-433.03	828.84	397.36	349.59	47.76	8.319		
4,800.00	4,634.93	4,785.20	4,673.94	26.21	24.63	-130.46	-444.49	848.69	406.64	357.84	48.81	8.332		
4,900.00	4,730.75	4,884.76	4,770.83	26.79	25.16	-130.58	-455.95	868.54	415.93	366.08	49.85	8.344		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	4,984.33	4,867.72	27.37	25.68	-130.69	-467.42	888.39	425.22	374.33	50.89	8.355		
5,100.00	4,922.38	5,083.89	4,964.61	27.95	26.21	-130.80	-478.88	908.24	434.51	382.58	51.94	8.366		
5,200.00	5,018.20	5,183.45	5,061.50	28.53	26.74	-130.91	-490.34	928.09	443.80	390.82	52.98	8.377		
5,300.00	5,114.02	5,283.02	5,158.39	29.11	27.27	-131.01	-501.80	947.95	453.10	399.07	54.02	8.387		
5,400.00	5,209.84	5,382.58	5,255.28	29.69	27.80	-131.11	-513.26	967.80	462.39	407.33	55.07	8.397		
5,500.00	5,305.65	5,482.15	5,352.17	30.27	28.32	-131.20	-524.72	987.65	471.69	415.58	56.11	8.406		
5,600.00	5,401.47	5,581.71	5,449.06	30.86	28.85	-131.29	-536.18	1,007.50	480.99	423.83	57.16	8.415		
5,700.00	5,497.29	5,681.27	5,545.95	31.44	29.38	-131.38	-547.64	1,027.35	490.28	432.08	58.20	8.424		
5,800.00	5,593.10	5,780.84	5,642.84	32.02	29.91	-131.46	-559.10	1,047.20	499.58	440.34	59.25	8.432		
5,900.00	5,688.92	5,880.40	5,739.73	32.60	30.44	-131.54	-570.56	1,067.05	508.88	448.59	60.29	8.440		
6,000.00	5,784.74	5,979.97	5,836.62	33.18	30.97	-131.62	-582.02	1,086.90	518.19	456.85	61.34	8.448		
6,100.00	5,880.56	6,079.53	5,933.51	33.76	31.50	-131.69	-593.48	1,106.75	527.49	465.10	62.38	8.455		
6,200.00	5,976.37	6,179.09	6,030.40	34.35	32.03	-131.76	-604.94	1,126.60	536.79	473.36	63.43	8.463		
6,300.00	6,072.19	6,278.66	6,127.28	34.93	32.56	-131.83	-616.41	1,146.45	546.10	481.62	64.48	8.470		
6,400.00	6,168.01	6,378.22	6,224.17	35.51	33.09	-131.90	-627.87	1,166.30	555.40	489.88	65.52	8.476		
6,500.00	6,263.83	6,477.79	6,321.06	36.09	33.62	-131.96	-639.33	1,186.15	564.71	498.14	66.57	8.483		
6,600.00	6,359.64	6,579.00	6,420.02	36.68	34.13	-132.29	-650.91	1,203.72	573.93	506.35	67.58	8.493		
6,700.00	6,455.46	6,678.53	6,518.80	37.26	34.53	-134.00	-661.86	1,206.83	582.99	514.71	68.29	8.537		
6,733.48	6,487.54	6,710.39	6,550.39	37.45	34.64	-134.85	-665.21	1,204.54	586.18	517.73	68.46	8.563		
6,750.00	6,503.41	6,725.82	6,565.65	37.55	34.68	-139.35	-666.81	1,202.86	587.83	519.30	68.53	8.577		
6,800.00	6,551.83	6,771.89	6,610.91	37.82	34.83	-156.09	-671.45	1,195.66	593.19	524.45	68.74	8.629		
6,850.00	6,600.62	6,817.06	6,654.67	38.05	34.97	-177.22	-675.79	1,185.42	599.07	530.15	68.92	8.692		
6,900.00	6,649.47	6,861.41	6,696.85	38.25	35.11	160.67	-679.84	1,172.36	605.39	536.30	69.09	8.763		
6,950.00	6,698.08	6,905.00	6,737.34	38.42	35.26	142.06	-683.58	1,156.68	612.07	542.84	69.23	8.841		
7,000.00	6,746.15	6,947.92	6,776.09	38.57	35.41	128.26	-687.04	1,138.56	619.05	549.67	69.37	8.923		
7,050.00	6,793.39	6,990.23	6,813.02	38.71	35.58	118.28	-690.19	1,118.18	626.22	556.71	69.52	9.008		
7,100.00	6,839.50	7,031.99	6,848.09	38.84	35.75	110.90	-693.05	1,095.70	633.53	563.86	69.67	9.094		
7,150.00	6,884.20	7,073.25	6,881.23	38.97	35.93	105.25	-695.62	1,071.26	640.88	571.05	69.83	9.178		
7,200.00	6,927.21	7,114.08	6,912.42	39.11	36.13	100.77	-697.89	1,045.03	648.21	578.19	70.02	9.258		
7,250.00	6,968.28	7,154.51	6,941.60	39.25	36.34	97.13	-699.87	1,017.12	655.43	585.20	70.23	9.332		
7,300.00	7,007.13	7,194.60	6,968.75	39.41	36.58	94.12	-701.56	987.68	662.49	591.99	70.50	9.397		
7,350.00	7,043.55	7,234.39	6,993.82	39.58	36.83	91.59	-702.96	956.83	669.31	598.49	70.82	9.451		
7,400.00	7,077.29	7,273.91	7,016.79	39.77	37.10	89.45	-704.08	924.69	675.84	604.63	71.22	9.490		
7,450.00	7,108.16	7,313.22	7,037.63	39.98	37.39	87.64	-704.91	891.38	682.02	610.33	71.69	9.513		
7,500.00	7,135.96	7,352.33	7,056.30	40.22	37.70	86.11	-705.46	857.02	687.80	615.55	72.26	9.519		
7,550.00	7,160.53	7,391.30	7,072.78	40.49	38.04	84.82	-705.74	821.72	693.14	620.21	72.93	9.504		
7,600.00	7,181.70	7,430.14	7,087.05	40.79	38.41	83.75	-705.73	785.60	698.00	624.29	73.71	9.469		
7,650.00	7,199.35	7,468.90	7,099.08	41.13	38.79	82.89	-705.44	748.77	702.34	627.74	74.60	9.415		
7,700.00	7,213.38	7,507.59	7,108.85	41.51	39.19	82.22	-704.89	711.34	706.13	630.54	75.59	9.341		
7,750.00	7,223.68	7,546.25	7,116.33	41.93	39.62	81.74	-704.06	673.42	709.36	632.67	76.69	9.250		
7,800.00	7,230.21	7,584.92	7,121.52	42.38	40.07	81.42	-702.96	635.13	711.99	634.11	77.88	9.142		
7,850.00	7,232.92	7,623.60	7,124.38	42.87	40.53	81.28	-701.60	596.58	714.03	634.87	79.15	9.021		
7,858.69	7,233.00	7,630.33	7,124.64	42.95	40.61	81.27	-701.34	589.86	714.32	634.94	79.38	8.999		
7,900.00	7,233.10	7,665.86	7,125.03	43.38	41.05	81.32	-699.84	554.37	715.89	635.43	80.46	8.898		
8,000.00	7,233.35	7,765.77	7,125.27	44.56	42.40	81.36	-695.53	454.55	719.95	636.71	83.23	8.650		
8,100.00	7,233.60	7,865.69	7,125.51	45.91	43.89	81.41	-691.23	354.72	724.00	637.72	86.28	8.391		
8,200.00	7,233.85	7,965.60	7,125.75	47.41	45.52	81.46	-686.92	254.90	728.06	638.47	89.59	8.127		
8,300.00	7,234.10	8,065.52	7,125.99	49.05	47.27	81.51	-682.61	155.08	732.11	638.99	93.13	7.862		
8,400.00	7,234.35	8,165.44	7,126.23	50.81	49.14	81.55	-678.30	55.26	736.17	639.30	96.87	7.600		
8,500.00	7,234.59	8,265.35	7,126.47	52.68	51.09	81.60	-673.99	-44.57	740.23	639.43	100.79	7.344		
8,600.00	7,234.84	8,365.27	7,126.71	54.65	53.14	81.65	-669.69	-144.39	744.28	639.40	104.88	7.097		
8,700.00	7,235.09	8,465.18	7,126.95	56.70	55.26	81.69	-665.38	-244.21	748.34	639.23	109.11	6.859		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,235.34	8,565.10	7,127.19	58.82	57.44	81.73	-661.07	-344.04	752.40	638.93	113.47	6.631		
8,900.00	7,235.59	8,665.02	7,127.43	61.01	59.69	81.78	-656.76	-443.86	756.46	638.52	117.94	6.414		
9,000.00	7,235.84	8,791.82	7,127.74	63.25	62.60	81.81	-653.13	-570.60	759.18	636.38	122.80	6.182		
9,100.00	7,236.09	8,904.73	7,128.01	65.55	65.23	81.80	-653.81	-683.51	758.31	630.75	127.56	5.945		
9,200.00	7,236.34	9,004.72	7,128.25	67.89	67.61	81.79	-654.79	-783.50	757.13	624.84	132.29	5.723		
9,300.00	7,236.58	9,104.72	7,128.49	70.27	70.02	81.78	-655.77	-883.48	755.95	618.86	137.09	5.514		
9,400.00	7,236.83	9,204.71	7,128.73	72.69	72.47	81.76	-656.76	-983.47	754.77	612.82	141.95	5.317		
9,500.00	7,237.08	9,304.70	7,128.96	75.14	74.95	81.75	-657.74	-1,083.46	753.59	606.72	146.88	5.131		
9,600.00	7,237.33	9,404.69	7,129.20	77.62	77.45	81.74	-658.72	-1,183.45	752.41	600.56	151.85	4.955		
9,700.00	7,237.58	9,504.69	7,129.44	80.12	79.98	81.72	-659.70	-1,283.43	751.23	594.37	156.87	4.789		
9,800.00	7,237.83	9,604.68	7,129.68	82.65	82.53	81.71	-660.68	-1,383.42	750.05	588.12	161.93	4.632		
9,900.00	7,238.08	9,704.67	7,129.92	85.20	85.09	81.69	-661.67	-1,483.41	748.87	581.85	167.03	4.484		
10,000.00	7,238.32	9,804.67	7,130.16	87.77	87.68	81.68	-662.65	-1,583.40	747.69	575.53	172.16	4.343		
10,100.00	7,238.57	9,904.66	7,130.40	90.36	90.28	81.67	-663.63	-1,683.39	746.51	569.19	177.32	4.210		
10,200.00	7,238.82	10,004.65	7,130.64	92.97	92.90	81.65	-664.61	-1,783.37	745.33	562.81	182.52	4.084		
10,300.00	7,239.07	10,104.64	7,130.88	95.59	95.53	81.64	-665.59	-1,883.36	744.15	556.41	187.74	3.964		
10,400.00	7,239.32	10,204.64	7,131.12	98.22	98.18	81.62	-666.57	-1,983.35	742.97	549.99	192.98	3.850		
10,500.00	7,239.57	10,304.63	7,131.36	100.87	100.84	81.61	-667.56	-2,083.34	741.79	543.54	198.25	3.742		
10,600.00	7,239.82	10,404.62	7,131.60	103.52	103.50	81.60	-668.54	-2,183.32	740.61	537.07	203.54	3.639		
10,700.00	7,240.07	10,504.62	7,131.84	106.19	106.18	81.58	-669.52	-2,283.31	739.44	530.59	208.85	3.541		
10,800.00	7,240.31	10,604.61	7,132.08	108.87	108.87	81.57	-670.50	-2,383.30	738.26	524.08	214.17	3.447		
10,900.00	7,240.56	10,704.60	7,132.32	111.56	111.56	81.55	-671.48	-2,483.29	737.08	517.56	219.51	3.358		
11,000.00	7,240.81	10,804.59	7,132.56	114.25	114.27	81.54	-672.47	-2,583.28	735.90	511.03	224.87	3.273		
11,100.00	7,241.06	10,904.59	7,132.80	116.96	116.98	81.52	-673.45	-2,683.26	734.72	504.48	230.24	3.191		
11,200.00	7,241.31	11,004.58	7,133.04	119.67	119.69	81.51	-674.43	-2,783.25	733.54	497.92	235.62	3.113		
11,300.00	7,241.56	11,104.57	7,133.28	122.39	122.42	81.50	-675.41	-2,883.24	732.36	491.34	241.02	3.039		
11,400.00	7,241.81	11,204.57	7,133.52	125.11	125.15	81.48	-676.39	-2,983.23	731.18	484.76	246.42	2.967		
11,500.00	7,242.06	11,304.56	7,133.76	127.84	127.88	81.47	-677.37	-3,083.21	730.00	478.16	251.84	2.899		
11,600.00	7,242.30	11,404.55	7,134.00	130.58	130.62	81.45	-678.36	-3,183.20	728.82	471.56	257.27	2.833		
11,700.00	7,242.55	11,504.54	7,134.23	133.32	133.37	81.44	-679.34	-3,283.19	727.64	464.94	262.70	2.770		
11,800.00	7,242.80	11,604.54	7,134.47	136.07	136.12	81.42	-680.32	-3,383.18	726.46	458.32	268.15	2.709		
11,900.00	7,243.05	11,704.53	7,134.71	138.82	138.87	81.41	-681.30	-3,483.17	725.29	451.69	273.60	2.651		
12,000.00	7,243.30	11,804.52	7,134.95	141.58	141.63	81.39	-682.28	-3,583.15	724.11	445.05	279.06	2.595		
12,100.00	7,243.55	11,904.52	7,135.19	144.34	144.39	81.38	-683.26	-3,683.14	722.93	438.40	284.53	2.541		
12,200.00	7,243.80	12,004.51	7,135.43	147.10	147.16	81.36	-684.25	-3,783.13	721.75	431.75	290.00	2.489		
12,300.00	7,244.04	12,104.50	7,135.67	149.87	149.93	81.35	-685.23	-3,883.12	720.57	425.09	295.48	2.439		
12,400.00	7,244.29	12,204.50	7,135.91	152.64	152.70	81.33	-686.21	-3,983.10	719.39	418.43	300.96	2.390		
12,500.00	7,244.54	12,304.49	7,136.15	155.41	155.48	81.32	-687.19	-4,083.09	718.21	411.76	306.46	2.344		
12,600.00	7,244.79	12,404.48	7,136.39	158.19	158.26	81.30	-688.17	-4,183.08	717.04	405.08	311.95	2.299		
12,700.00	7,245.04	12,504.47	7,136.63	160.97	161.04	81.29	-689.16	-4,283.07	715.86	398.40	317.45	2.255		
12,800.00	7,245.29	12,604.47	7,136.87	163.75	163.82	81.27	-690.14	-4,383.05	714.68	391.72	322.96	2.213		
12,900.00	7,245.54	12,704.46	7,137.11	166.54	166.61	81.26	-691.12	-4,483.04	713.50	385.03	328.47	2.172		
13,000.00	7,245.79	12,804.45	7,137.35	169.33	169.40	81.24	-692.10	-4,583.03	712.32	378.34	333.98	2.133		
13,100.00	7,246.03	12,904.45	7,137.59	172.12	172.19	81.23	-693.08	-4,683.02	711.14	371.64	339.50	2.095		
13,200.00	7,246.28	13,004.44	7,137.83	174.91	174.98	81.21	-694.06	-4,783.01	709.97	364.94	345.03	2.058		
13,300.00	7,246.53	13,104.43	7,138.07	177.71	177.78	81.20	-695.05	-4,883.99	708.79	358.24	350.55	2.022		
13,400.00	7,246.78	13,204.42	7,138.31	180.50	180.57	81.18	-696.03	-4,983.98	707.61	351.53	356.08	1.987		
13,500.00	7,247.03	13,304.42	7,138.55	183.30	183.37	81.16	-697.01	-5,083.97	706.43	344.82	361.61	1.954		
13,600.00	7,247.28	13,404.41	7,138.79	186.10	186.17	81.15	-697.99	-5,183.96	705.25	338.11	367.15	1.921		
13,700.00	7,247.53	13,504.40	7,139.03	188.91	188.97	81.13	-698.97	-5,283.94	704.07	331.39	372.68	1.889		
13,800.00	7,247.77	13,604.40	7,139.27	191.71	191.78	81.12	-699.96	-5,383.93	702.90	324.67	378.23	1.858		
13,900.00	7,248.02	13,704.39	7,139.50	194.52	194.58	81.10	-700.94	-5,483.92	701.72	317.95	383.77	1.828		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<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		
14,000.00	7,248.27	13,804.38	7,139.74	197.32	197.39	81.09	-701.92	-5,582.91	700.54	311.23	389.31	1.799		
14,100.00	7,248.52	13,904.37	7,139.98	200.13	200.20	81.07	-702.90	-5,682.90	699.36	304.50	394.86	1.771		
14,200.00	7,248.77	14,004.37	7,140.22	202.94	203.01	81.05	-703.88	-5,782.88	698.19	297.78	400.41	1.744		
14,300.00	7,249.02	14,104.36	7,140.46	205.76	205.82	81.04	-704.86	-5,882.87	697.01	291.05	405.96	1.717		
14,400.00	7,249.27	14,204.35	7,140.70	208.57	208.63	81.02	-705.85	-5,982.86	695.83	284.31	411.52	1.691		
14,500.00	7,249.52	14,304.35	7,140.94	211.38	211.45	81.01	-706.83	-6,082.85	694.65	277.58	417.07	1.666		
14,600.00	7,249.76	14,404.34	7,141.18	214.20	214.26	80.99	-707.81	-6,182.83	693.48	270.85	422.63	1.641		
14,700.00	7,250.01	14,504.33	7,141.42	217.02	217.08	80.97	-708.79	-6,282.82	692.30	264.11	428.19	1.617		
14,800.00	7,250.26	14,604.32	7,141.66	219.84	219.89	80.96	-709.77	-6,382.81	691.12	257.37	433.75	1.593		
14,900.00	7,250.51	14,704.32	7,141.90	222.65	222.71	80.94	-710.75	-6,482.80	689.94	250.63	439.31	1.571		
15,000.00	7,250.76	14,804.31	7,142.14	225.48	225.53	80.92	-711.74	-6,582.79	688.77	243.89	444.87	1.548		
15,100.00	7,251.01	14,904.30	7,142.38	228.30	228.35	80.91	-712.72	-6,682.77	687.59	237.15	450.44	1.526		
15,200.00	7,251.26	15,004.30	7,142.62	231.12	231.17	80.89	-713.70	-6,782.76	686.41	230.41	456.00	1.505		
15,300.00	7,251.50	15,104.29	7,142.86	233.94	233.99	80.87	-714.68	-6,882.75	685.24	223.66	461.57	1.485 Level 3		
15,400.00	7,251.75	15,204.28	7,143.10	236.77	236.81	80.86	-715.66	-6,982.74	684.06	216.92	467.14	1.464 Level 3		
15,500.00	7,252.00	15,304.27	7,143.34	239.59	239.64	80.84	-716.65	-7,082.72	682.88	210.17	472.71	1.445 Level 3		
15,600.00	7,252.25	15,404.27	7,143.58	242.42	242.46	80.82	-717.63	-7,182.71	681.70	203.43	478.28	1.425 Level 3		
15,700.00	7,252.50	15,504.26	7,143.82	245.24	245.29	80.81	-718.61	-7,282.70	680.53	196.68	483.85	1.406 Level 3		
15,800.00	7,252.75	15,604.25	7,144.06	248.07	248.11	80.79	-719.59	-7,382.69	679.35	189.93	489.42	1.388 Level 3		
15,900.00	7,253.00	15,704.25	7,144.30	250.90	250.94	80.77	-720.57	-7,482.68	678.17	183.18	494.99	1.370 Level 3		
16,000.00	7,253.25	15,804.24	7,144.54	253.73	253.76	80.76	-721.55	-7,582.66	677.00	176.43	500.57	1.352 Level 3		
16,100.00	7,253.49	15,904.23	7,144.77	256.56	256.59	80.74	-722.54	-7,682.65	675.82	169.68	506.14	1.335 Level 3		
16,200.00	7,253.74	16,004.22	7,145.01	259.39	259.42	80.72	-723.52	-7,782.64	674.64	162.93	511.72	1.318 Level 3		
16,300.00	7,253.99	16,104.22	7,145.25	262.22	262.25	80.71	-724.50	-7,882.63	673.47	156.18	517.29	1.302 Level 3		
16,400.00	7,254.24	16,204.21	7,145.49	265.05	265.08	80.69	-725.48	-7,982.61	672.29	149.42	522.87	1.286 Level 3		
16,500.00	7,254.49	16,304.20	7,145.73	267.88	267.91	80.67	-726.46	-8,082.60	671.11	142.67	528.44	1.270 Level 3		
16,600.00	7,254.74	16,404.20	7,145.97	270.72	270.74	80.65	-727.45	-8,182.59	669.94	135.92	534.02	1.255 Level 3		
16,700.00	7,254.99	16,504.19	7,146.21	273.55	273.57	80.64	-728.43	-8,282.58	668.76	129.16	539.60	1.239 Level 2		
16,800.00	7,255.24	16,604.18	7,146.45	276.38	276.40	80.62	-729.41	-8,382.57	667.59	122.41	545.18	1.225 Level 2		
16,900.00	7,255.48	16,704.17	7,146.69	279.22	279.23	80.60	-730.39	-8,482.55	666.41	115.66	550.75	1.210 Level 2		
17,000.00	7,255.73	16,804.17	7,146.93	282.05	282.07	80.58	-731.37	-8,582.54	665.23	108.90	556.33	1.196 Level 2		
17,100.00	7,255.98	16,904.16	7,147.17	284.89	284.90	80.57	-732.35	-8,682.53	664.06	102.15	561.91	1.182 Level 2		
17,200.00	7,256.23	17,004.15	7,147.41	287.73	287.73	80.55	-733.34	-8,782.52	662.88	95.39	567.49	1.168 Level 2		
17,300.00	7,256.48	17,104.15	7,147.65	290.56	290.57	80.53	-734.32	-8,882.50	661.71	88.64	573.07	1.155 Level 2		
17,400.00	7,256.73	17,204.14	7,147.89	293.40	293.40	80.51	-735.30	-8,982.49	660.53	81.88	578.65	1.142 Level 2		
17,500.00	7,256.98	17,304.13	7,148.13	296.24	296.24	80.50	-736.28	-9,082.48	659.35	75.13	584.23	1.129 Level 2		
17,600.00	7,257.22	17,404.12	7,148.37	299.07	299.07	80.48	-737.26	-9,182.47	658.18	68.37	589.81	1.116 Level 2		
17,700.00	7,257.47	17,504.12	7,148.61	301.91	301.91	80.46	-738.24	-9,282.46	657.00	61.62	595.39	1.103 Level 2		
17,800.00	7,257.72	17,604.11	7,148.85	304.75	304.74	80.44	-739.23	-9,382.44	655.83	54.86	600.97	1.091 Level 2		
17,900.00	7,257.97	17,704.10	7,149.09	307.59	307.58	80.42	-740.21	-9,482.43	654.65	48.10	606.55	1.079 Level 2		
18,000.00	7,258.22	17,804.10	7,149.33	310.43	310.42	80.41	-741.19	-9,582.42	653.48	41.35	612.13	1.068 Level 2		
18,100.00	7,258.47	17,904.09	7,149.57	313.27	313.25	80.39	-742.17	-9,682.41	652.30	34.59	617.71	1.056 Level 2		
18,200.00	7,258.72	18,004.08	7,149.81	316.11	316.09	80.37	-743.15	-9,782.39	651.13	27.84	623.29	1.045 Level 2		
18,300.00	7,258.97	18,104.07	7,150.04	318.95	318.93	80.35	-744.14	-9,882.38	649.95	21.08	628.87	1.034 Level 2		
18,400.00	7,259.21	18,204.07	7,150.28	321.79	321.77	80.33	-745.12	-9,982.37	648.78	14.33	634.45	1.023 Level 2		
18,500.00	7,259.46	18,304.06	7,150.52	324.63	324.61	80.31	-746.10	-10,082.36	647.60	7.57	640.03	1.012 Level 2		
18,600.00	7,259.71	18,404.05	7,150.76	327.48	327.45	80.29	-747.08	-10,182.35	646.43	0.82	645.61	1.001 Level 2		
18,700.00	7,259.96	18,504.05	7,151.00	330.32	330.28	80.28	-748.06	-10,282.33	645.25	-5.94	651.19	0.991 Level 1		
18,800.00	7,260.21	18,604.04	7,151.24	333.16	333.12	80.26	-749.04	-10,382.32	644.08	-12.69	656.77	0.981 Level 1		
18,900.00	7,260.46	18,704.03	7,151.48	336.00	335.96	80.24	-750.03	-10,482.31	642.90	-19.45	662.35	0.971 Level 1		
19,000.00	7,260.71	18,804.03	7,151.72	338.85	338.80	80.22	-751.01	-10,582.30	641.73	-26.20	667.93	0.961 Level 1		
19,100.00	7,260.95	18,904.02	7,151.96	341.69	341.64	80.20	-751.99	-10,682.28	640.55	-32.95	673.51	0.951 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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 33N-9C-L - OH - Plan #1												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1												<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,118.22	7,261.00	18,922.24	7,152.00	342.21	342.16	80.20	-752.17	-10,700.50	640.34	-34.18	674.52	0.949	Level 1, ES, SF

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	300.00	299.58	299.56	3.44	3.44	175.85	-16.20	1.17	16.25	9.36	6.89	2.358		
400.00	399.98	399.02	398.86	3.60	3.59	33.01	-20.01	4.69	19.10	11.88	7.21	2.647		
500.00	499.84	498.34	497.80	3.79	3.79	28.43	-26.33	10.54	22.13	14.50	7.63	2.900		
600.00	599.45	597.54	596.27	4.03	4.03	25.09	-35.15	18.69	25.26	17.13	8.13	3.106		
700.00	698.70	696.63	694.14	4.30	4.31	22.61	-46.46	29.15	28.45	19.75	8.70	3.269		
800.00	797.47	795.60	791.32	4.60	4.63	20.75	-60.23	41.88	31.67	22.34	9.33	3.393		
900.00	895.62	894.46	887.68	4.94	4.99	19.32	-76.44	56.86	34.90	24.89	10.01	3.486		
1,000.00	993.06	993.21	983.11	5.32	5.39	18.23	-95.06	74.07	38.12	27.39	10.73	3.554		
1,100.00	1,089.64	1,092.50	1,078.25	5.73	5.82	17.54	-115.92	93.35	40.94	29.47	11.47	3.570		
1,131.50	1,119.87	1,124.00	1,108.39	5.87	5.97	17.59	-122.64	99.56	41.29	29.58	11.71	3.526		
1,200.00	1,185.51	1,207.50	1,173.93	6.18	6.36	17.84	-137.25	113.07	41.67	29.36	12.31	3.386		
1,300.00	1,281.33	1,307.51	1,269.62	6.65	6.85	18.21	-158.58	132.79	42.23	29.11	13.12	3.219		
1,400.00	1,377.14	1,392.49	1,365.30	7.13	7.28	18.57	-179.92	152.51	42.79	28.90	13.89	3.080		
1,500.00	1,472.96	1,492.49	1,460.99	7.63	7.79	18.92	-201.25	172.23	43.36	28.60	14.76	2.938		
1,600.00	1,568.78	1,607.51	1,556.67	8.14	8.39	19.26	-222.59	191.95	43.93	28.22	15.71	2.797		
1,700.00	1,664.60	1,707.51	1,652.36	8.66	8.92	19.60	-243.92	211.68	44.50	27.89	16.61	2.679		
1,800.00	1,760.41	1,792.48	1,748.04	9.19	9.38	19.92	-265.26	231.40	45.07	27.61	17.45	2.582		
1,900.00	1,856.23	1,907.52	1,843.73	9.73	10.01	20.24	-286.59	251.12	45.64	27.18	18.45	2.473		
2,000.00	1,952.05	2,007.52	1,939.41	10.27	10.56	20.55	-307.92	270.84	46.21	26.82	19.39	2.383		
2,100.00	2,047.86	2,092.48	2,035.09	10.81	11.03	20.85	-329.26	290.56	46.78	26.52	20.27	2.308		
2,200.00	2,143.68	2,192.48	2,130.78	11.36	11.59	21.14	-350.59	310.28	47.36	26.13	21.22	2.231		
2,300.00	2,239.50	2,307.53	2,226.46	11.92	12.23	21.43	-371.93	330.00	47.94	25.67	22.26	2.153		
2,400.00	2,335.32	2,407.53	2,322.15	12.47	12.80	21.70	-393.26	349.72	48.51	25.28	23.23	2.088		
2,500.00	2,431.13	2,507.53	2,417.83	13.03	13.36	21.98	-414.60	369.44	49.09	24.88	24.21	2.028		
2,600.00	2,526.95	2,607.53	2,513.52	13.59	13.93	22.24	-435.93	389.17	49.67	24.48	25.19	1.972		
2,700.00	2,622.77	2,692.47	2,609.20	14.15	14.42	22.50	-457.26	408.89	50.25	24.15	26.10	1.925		
2,800.00	2,718.59	2,807.54	2,704.89	14.72	15.07	22.76	-478.60	428.61	50.83	23.66	27.17	1.871		
2,900.00	2,814.40	2,907.54	2,800.57	15.29	15.65	23.01	-499.93	448.33	51.42	23.25	28.16	1.826		
3,000.00	2,910.22	3,007.54	2,896.26	15.85	16.22	23.25	-521.27	468.05	52.00	22.84	29.16	1.783		
3,100.00	3,006.04	3,107.54	2,991.94	16.42	16.79	23.49	-542.60	487.77	52.59	22.42	30.17	1.743		
3,200.00	3,101.85	3,192.46	3,087.63	16.99	17.28	23.72	-563.94	507.49	53.17	22.08	31.10	1.710		
3,300.00	3,197.67	3,307.55	3,183.31	17.56	17.95	23.95	-585.27	527.21	53.76	21.58	32.18	1.671		
3,400.00	3,293.49	3,392.45	3,278.99	18.14	18.44	24.17	-606.60	546.94	54.34	21.23	33.11	1.641		
3,500.00	3,389.31	3,507.55	3,374.68	18.71	19.10	24.39	-627.94	566.66	54.93	20.73	34.20	1.606		
3,600.00	3,485.12	3,607.55	3,470.36	19.28	19.68	24.60	-649.27	586.38	55.52	20.30	35.22	1.576		
3,700.00	3,580.94	3,692.45	3,566.05	19.86	20.18	24.81	-670.61	606.10	56.11	19.95	36.16	1.552		
3,800.00	3,676.76	3,807.56	3,661.73	20.43	20.84	25.01	-691.94	625.82	56.70	19.44	37.26	1.522		
3,900.00	3,772.58	3,892.44	3,757.42	21.01	21.34	25.21	-713.27	645.54	57.29	19.09	38.20	1.500 Level 3		
4,000.00	3,868.39	3,992.44	3,853.10	21.58	21.92	25.41	-734.61	665.26	57.88	18.66	39.22	1.476 Level 3		
4,100.00	3,964.21	4,092.44	3,948.79	22.16	22.50	25.60	-755.94	684.98	58.48	18.23	40.25	1.453 Level 3		
4,200.00	4,060.03	4,192.44	4,044.47	22.74	23.08	25.79	-777.28	704.70	59.07	17.79	41.28	1.431 Level 3		
4,300.00	4,155.85	4,307.56	4,140.16	23.32	23.75	25.97	-798.61	724.43	59.66	17.28	42.38	1.408 Level 3		
4,400.00	4,251.66	4,407.57	4,235.84	23.89	24.34	26.15	-819.95	744.15	60.26	16.85	43.41	1.388 Level 3		
4,500.00	4,347.48	4,492.43	4,331.52	24.47	24.83	26.33	-841.28	763.87	60.85	16.49	44.37	1.372 Level 3		
4,600.00	4,443.30	4,607.57	4,427.21	25.05	25.50	26.51	-862.61	783.59	61.45	15.97	45.47	1.351 Level 3		
4,700.00	4,539.11	4,707.57	4,522.89	25.63	26.09	26.68	-883.95	803.31	62.04	15.54	46.51	1.334 Level 3		
4,800.00	4,634.93	4,792.43	4,618.58	26.21	26.58	26.84	-905.28	823.03	62.64	15.17	47.47	1.320 Level 3		
4,900.00	4,730.75	4,907.58	4,714.26	26.79	27.26	27.01	-926.62	842.75	63.24	14.66	48.58	1.302 Level 3		
5,000.00	4,826.57	5,007.58	4,809.95	27.37	27.84	27.17	-947.95	862.47	63.83	14.22	49.62	1.287 Level 3		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	5,107.58	4,905.63	27.95	28.43	27.33	-969.29	882.20	64.43	13.78	50.65	1.272 Level 3		
5,200.00	5,018.20	5,207.58	5,001.32	28.53	29.01	27.48	-990.62	901.92	65.03	13.34	51.69	1.258 Level 3		
5,300.00	5,114.02	5,292.42	5,097.00	29.11	29.51	27.63	-1,011.95	921.64	65.63	12.97	52.66	1.246 Level 2		
5,400.00	5,209.84	5,407.59	5,192.69	29.69	30.18	27.78	-1,033.29	941.36	66.23	12.46	53.77	1.232 Level 2		
5,500.00	5,305.65	5,507.59	5,288.37	30.27	30.77	27.93	-1,054.62	961.08	66.83	12.01	54.82	1.219 Level 2		
5,600.00	5,401.47	5,607.59	5,384.05	30.86	31.35	28.07	-1,075.96	980.80	67.43	11.57	55.86	1.207 Level 2		
5,700.00	5,497.29	5,692.41	5,479.74	31.44	31.85	28.22	-1,097.29	1,000.52	68.03	11.21	56.82	1.197 Level 2		
5,800.00	5,593.10	5,807.59	5,575.42	32.02	32.53	28.35	-1,118.63	1,020.24	68.63	10.69	57.95	1.184 Level 2		
5,900.00	5,688.92	5,907.60	5,671.11	32.60	33.11	28.49	-1,139.96	1,039.96	69.23	10.24	58.99	1.174 Level 2		
6,000.00	5,784.74	6,007.60	5,766.79	33.18	33.70	28.63	-1,161.29	1,059.69	69.84	9.80	60.04	1.163 Level 2		
6,100.00	5,880.56	6,107.60	5,862.48	33.76	34.29	28.76	-1,182.63	1,079.41	70.44	9.35	61.08	1.153 Level 2		
6,200.00	5,976.37	6,192.40	5,958.16	34.35	34.78	28.89	-1,203.96	1,099.13	71.04	8.99	62.05	1.145 Level 2		
6,300.00	6,072.19	6,292.40	6,053.85	34.93	35.37	29.02	-1,225.30	1,118.85	71.64	8.54	63.10	1.135 Level 2		
6,400.00	6,168.01	6,407.61	6,149.53	35.51	36.05	29.14	-1,246.63	1,138.57	72.25	8.02	64.23	1.125 Level 2		
6,500.00	6,263.83	6,507.61	6,245.22	36.09	36.63	29.26	-1,267.97	1,158.29	72.85	7.57	65.28	1.116 Level 2		
6,600.00	6,359.64	6,592.39	6,340.90	36.68	37.13	29.39	-1,289.30	1,178.01	73.45	7.21	66.25	1.109 Level 2		
6,700.00	6,455.46	6,693.66	6,438.22	37.26	37.70	31.49	-1,311.02	1,195.41	73.56	5.98	67.58	1.088 Level 2		
6,733.48	6,487.54	6,727.51	6,471.14	37.45	37.87	34.57	-1,318.40	1,198.17	73.17	4.81	68.35	1.070 Level 2		
6,750.00	6,503.41	6,744.07	6,487.28	37.55	37.95	32.52	-1,322.03	1,198.86	73.01	4.22	68.79	1.061 Level 2		
6,773.05	6,525.67	6,767.07	6,509.72	37.67	38.04	28.82	-1,327.07	1,199.11	72.93	3.53	69.40	1.051 Level 2		
6,800.00	6,551.83	6,793.81	6,535.79	37.82	38.15	23.17	-1,332.94	1,198.35	73.04	2.94	70.10	1.042 Level 2		
6,850.00	6,600.62	6,843.00	6,583.58	38.05	38.33	9.31	-1,343.73	1,194.03	73.81	2.52	71.30	1.035 Level 2		
6,900.00	6,649.47	6,891.66	6,630.39	38.25	38.48	-5.79	-1,354.33	1,186.05	75.29	3.05	72.24	1.042 Level 2		
6,950.00	6,698.08	6,939.83	6,675.98	38.42	38.61	-17.77	-1,364.70	1,174.57	77.39	4.56	72.83	1.063 Level 2		
7,000.00	6,746.15	6,987.51	6,720.16	38.57	38.74	-25.39	-1,374.77	1,159.75	80.03	7.03	73.00	1.096 Level 2		
7,050.00	6,793.39	7,034.74	6,762.73	38.71	38.86	-29.68	-1,384.52	1,141.77	83.08	10.35	72.73	1.142 Level 2		
7,100.00	6,839.50	7,081.56	6,803.51	38.84	38.98	-31.89	-1,393.89	1,120.80	86.45	14.41	72.04	1.200 Level 2		
7,150.00	6,884.20	7,127.97	6,842.34	38.97	39.10	-32.88	-1,402.85	1,097.04	90.03	19.04	70.98	1.268 Level 3		
7,200.00	6,927.21	7,174.02	6,879.09	39.11	39.23	-33.17	-1,411.37	1,070.65	93.72	24.10	69.62	1.346 Level 3		
7,250.00	6,968.28	7,219.73	6,913.63	39.25	39.38	-33.08	-1,419.41	1,041.83	97.44	29.41	68.03	1.432 Level 3		
7,300.00	7,007.13	7,265.12	6,945.85	39.41	39.53	-32.79	-1,426.95	1,010.76	101.12	34.84	66.28	1.526		
7,350.00	7,043.55	7,310.23	6,975.64	39.58	39.69	-32.41	-1,433.96	977.63	104.70	40.24	64.46	1.624		
7,400.00	7,077.29	7,355.09	7,002.91	39.77	39.88	-32.02	-1,440.43	942.63	108.11	45.47	62.63	1.726		
7,450.00	7,108.16	7,399.71	7,027.59	39.98	40.08	-31.64	-1,446.33	905.93	111.30	50.42	60.89	1.828		
7,500.00	7,135.96	7,444.13	7,049.60	40.22	40.31	-31.30	-1,451.64	867.72	114.25	54.96	59.30	1.927		
7,550.00	7,160.53	7,488.38	7,068.88	40.49	40.56	-31.02	-1,456.35	828.19	116.91	58.98	57.93	2.018		
7,600.00	7,181.70	7,532.47	7,085.38	40.79	40.84	-30.81	-1,460.45	787.51	119.27	62.40	56.86	2.098		
7,650.00	7,199.35	7,576.44	7,099.06	41.13	41.14	-30.66	-1,463.92	745.88	121.28	65.15	56.14	2.160		
7,700.00	7,213.38	7,620.31	7,109.88	41.51	41.48	-30.59	-1,466.75	703.46	122.95	67.15	55.80	2.203		
7,750.00	7,223.68	7,664.11	7,117.81	41.93	41.84	-30.59	-1,468.94	660.45	124.25	68.37	55.88	2.223		
7,800.00	7,230.21	7,707.87	7,122.83	42.38	42.23	-30.66	-1,470.49	617.03	125.18	68.79	56.39	2.220		
7,850.00	7,232.92	7,751.60	7,124.94	42.87	42.64	-30.81	-1,471.37	573.36	125.73	68.42	57.31	2.194		
7,858.69	7,233.00	7,759.93	7,125.00	42.95	42.72	-30.84	-1,471.46	565.81	125.79	68.27	57.52	2.187		
7,900.00	7,233.10	7,800.46	7,125.10	43.38	43.14	-31.04	-1,471.87	524.51	126.05	67.60	58.45	2.156		
8,000.00	7,233.35	7,900.45	7,125.34	44.56	44.29	-31.51	-1,472.87	424.52	126.69	65.84	60.84	2.082		
8,100.00	7,233.60	8,000.44	7,125.58	45.91	45.62	-31.97	-1,473.88	324.53	127.33	63.95	63.38	2.009		
8,200.00	7,233.85	8,100.43	7,125.82	47.41	47.10	-32.43	-1,474.88	224.54	127.99	61.94	66.04	1.938		
8,300.00	7,234.10	8,200.43	7,126.06	49.05	48.73	-32.88	-1,475.88	124.56	128.65	59.81	68.84	1.869		
8,400.00	7,234.35	8,300.42	7,126.30	50.81	50.49	-33.33	-1,476.88	24.57	129.32	57.57	71.75	1.802		
8,500.00	7,234.59	8,400.41	7,126.54	52.68	52.35	-33.78	-1,477.88	-75.42	130.00	55.22	74.78	1.738		
8,600.00	7,234.84	8,500.41	7,126.78	54.65	54.31	-34.22	-1,478.88	-175.40	130.68	52.77	77.92	1.677		
8,700.00	7,235.09	8,600.40	7,127.02	56.70	56.36	-34.65	-1,479.88	-275.39	131.37	50.22	81.15	1.619		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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+HFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,235.34	8,700.39	7,127.26	58.82	58.48	-35.08	-1,480.89	-375.38	132.08	47.59	84.49	1.563		
8,900.00	7,235.59	8,800.38	7,127.50	61.01	60.66	-35.51	-1,481.89	-475.37	132.78	44.87	87.91	1.510		
9,000.00	7,235.84	8,900.38	7,127.74	63.25	62.91	-35.93	-1,482.89	-575.35	133.50	42.07	91.43	1.460 Level 3		
9,100.00	7,236.09	9,000.37	7,127.98	65.55	65.20	-36.35	-1,483.89	-675.34	134.22	39.20	95.02	1.413 Level 3		
9,200.00	7,236.34	9,100.36	7,128.22	67.89	67.54	-36.76	-1,484.89	-775.33	134.95	36.25	98.70	1.367 Level 3		
9,300.00	7,236.58	9,200.35	7,128.46	70.27	69.92	-37.17	-1,485.89	-875.32	135.69	33.24	102.45	1.324 Level 3		
9,400.00	7,236.83	9,300.35	7,128.70	72.69	72.34	-37.57	-1,486.90	-975.30	136.43	30.16	106.27	1.284 Level 3		
9,500.00	7,237.08	9,400.34	7,128.94	75.14	74.79	-37.97	-1,487.90	-1,075.29	137.18	27.02	110.17	1.245 Level 2		
9,600.00	7,237.33	9,500.33	7,129.18	77.62	77.27	-38.37	-1,488.90	-1,175.28	137.94	23.82	114.12	1.209 Level 2		
9,700.00	7,237.58	9,600.32	7,129.42	80.12	79.77	-38.76	-1,489.90	-1,275.27	138.70	20.56	118.15	1.174 Level 2		
9,800.00	7,237.83	9,700.32	7,129.66	82.65	82.30	-39.14	-1,490.90	-1,375.25	139.47	17.24	122.23	1.141 Level 2		
9,900.00	7,238.08	9,800.31	7,129.90	85.20	84.85	-39.52	-1,491.90	-1,475.24	140.25	13.88	126.37	1.110 Level 2		
10,000.00	7,238.32	9,900.30	7,130.14	87.77	87.42	-39.90	-1,492.90	-1,575.23	141.03	10.47	130.56	1.080 Level 2		
10,100.00	7,238.57	10,000.29	7,130.38	90.36	90.01	-40.28	-1,493.91	-1,675.21	141.82	7.00	134.81	1.052 Level 2		
10,200.00	7,238.82	10,100.29	7,130.62	92.97	92.61	-40.65	-1,494.91	-1,775.20	142.61	3.50	139.12	1.025 Level 2		
10,300.00	7,239.07	10,200.28	7,130.86	95.59	95.23	-41.01	-1,495.91	-1,875.19	143.41	-0.06	143.47	1.000 Level 1		
10,400.00	7,239.32	10,300.27	7,131.10	98.22	97.86	-41.37	-1,496.91	-1,975.18	144.22	-3.65	147.87	0.975 Level 1		
10,500.00	7,239.57	10,400.27	7,131.34	100.87	100.51	-41.73	-1,497.91	-2,075.16	145.03	-7.28	152.31	0.952 Level 1		
10,600.00	7,239.82	10,500.26	7,131.58	103.52	103.16	-42.08	-1,498.91	-2,175.15	145.85	-10.96	156.80	0.930 Level 1		
10,700.00	7,240.07	10,600.25	7,131.81	106.19	105.83	-42.43	-1,499.91	-2,275.14	146.67	-14.67	161.34	0.909 Level 1		
10,800.00	7,240.31	10,700.24	7,132.05	108.87	108.51	-42.78	-1,500.92	-2,375.13	147.50	-18.41	165.91	0.889 Level 1		
10,900.00	7,240.56	10,800.24	7,132.29	111.56	111.19	-43.12	-1,501.92	-2,475.11	148.33	-22.20	170.53	0.870 Level 1		
11,000.00	7,240.81	10,900.23	7,132.53	114.25	113.89	-43.46	-1,502.92	-2,575.10	149.17	-26.01	175.18	0.852 Level 1		
11,100.00	7,241.06	11,000.22	7,132.77	116.96	116.59	-43.79	-1,503.92	-2,675.09	150.01	-29.86	179.87	0.834 Level 1		
11,200.00	7,241.31	11,100.21	7,133.01	119.67	119.30	-44.12	-1,504.92	-2,775.08	150.86	-33.74	184.60	0.817 Level 1		
11,300.00	7,241.56	11,200.21	7,133.25	122.39	122.01	-44.45	-1,505.92	-2,875.06	151.71	-37.64	189.36	0.801 Level 1		
11,400.00	7,241.81	11,300.20	7,133.49	125.11	124.74	-44.77	-1,506.93	-2,975.05	152.57	-41.58	194.15	0.786 Level 1		
11,500.00	7,242.06	11,400.19	7,133.73	127.84	127.46	-45.09	-1,507.93	-3,075.04	153.44	-45.55	198.98	0.771 Level 1		
11,600.00	7,242.30	11,500.18	7,133.97	130.58	130.20	-45.41	-1,508.93	-3,175.02	154.30	-49.54	203.84	0.757 Level 1		
11,700.00	7,242.55	11,600.18	7,134.21	133.32	132.94	-45.72	-1,509.93	-3,275.01	155.18	-53.56	208.73	0.743 Level 1		
11,800.00	7,242.80	11,700.17	7,134.45	136.07	135.68	-46.03	-1,510.93	-3,375.00	156.05	-57.60	213.65	0.730 Level 1		
11,900.00	7,243.05	11,800.16	7,134.69	138.82	138.43	-46.33	-1,511.93	-3,474.99	156.94	-61.67	218.60	0.718 Level 1		
12,000.00	7,243.30	11,900.15	7,134.93	141.58	141.18	-46.63	-1,512.93	-3,574.97	157.82	-65.76	223.58	0.706 Level 1		
12,100.00	7,243.55	12,000.15	7,135.17	144.34	143.94	-46.93	-1,513.94	-3,674.96	158.71	-69.87	228.58	0.694 Level 1		
12,200.00	7,243.80	12,100.14	7,135.41	147.10	146.70	-47.23	-1,514.94	-3,774.95	159.61	-74.00	233.61	0.683 Level 1		
12,300.00	7,244.04	12,200.13	7,135.65	149.87	149.47	-47.52	-1,515.94	-3,874.94	160.51	-78.16	238.66	0.673 Level 1		
12,400.00	7,244.29	12,300.13	7,135.89	152.64	152.23	-47.81	-1,516.94	-3,974.92	161.41	-82.33	243.74	0.662 Level 1		
12,500.00	7,244.54	12,400.12	7,136.13	155.41	155.01	-48.09	-1,517.94	-4,074.91	162.32	-86.53	248.85	0.652 Level 1		
12,600.00	7,244.79	12,500.11	7,136.37	158.19	157.78	-48.38	-1,518.94	-4,174.90	163.23	-90.74	253.97	0.643 Level 1		
12,700.00	7,245.04	12,600.10	7,136.61	160.97	160.56	-48.65	-1,519.94	-4,274.89	164.14	-94.98	259.12	0.633 Level 1		
12,800.00	7,245.29	12,700.10	7,136.85	163.75	163.34	-48.93	-1,520.95	-4,374.87	165.06	-99.23	264.29	0.625 Level 1		
12,900.00	7,245.54	12,800.09	7,137.09	166.54	166.12	-49.20	-1,521.95	-4,474.86	165.98	-103.49	269.48	0.616 Level 1		
13,000.00	7,245.79	12,900.08	7,137.33	169.33	168.90	-49.47	-1,522.95	-4,574.85	166.91	-107.78	274.69	0.608 Level 1		
13,100.00	7,246.03	13,000.07	7,137.57	172.12	171.69	-49.74	-1,523.95	-4,674.83	167.84	-112.08	279.91	0.600 Level 1		
13,200.00	7,246.28	13,100.07	7,137.81	174.91	174.48	-50.00	-1,524.95	-4,774.82	168.77	-116.39	285.16	0.592 Level 1		
13,300.00	7,246.53	13,200.06	7,138.05	177.71	177.27	-50.27	-1,525.95	-4,874.81	169.71	-120.72	290.43	0.584 Level 1		
13,400.00	7,246.78	13,300.05	7,138.29	180.50	180.07	-50.52	-1,526.95	-4,974.80	170.65	-125.06	295.71	0.577 Level 1		
13,500.00	7,247.03	13,400.04	7,138.53	183.30	182.86	-50.78	-1,527.96	-5,074.78	171.59	-129.42	301.01	0.570 Level 1		
13,600.00	7,247.28	13,500.04	7,138.77	186.10	185.66	-51.03	-1,528.96	-5,174.77	172.54	-133.79	306.33	0.563 Level 1		
13,700.00	7,247.53	13,600.03	7,139.01	188.91	188.46	-51.28	-1,529.96	-5,274.76	173.49	-138.18	311.67	0.557 Level 1		
13,800.00	7,247.77	13,700.02	7,139.25	191.71	191.26	-51.53	-1,530.96	-5,374.75	174.44	-142.57	317.02	0.550 Level 1		
13,900.00	7,248.02	13,800.02	7,139.49	194.52	194.07	-51.77	-1,531.96	-5,474.73	175.40	-146.98	322.38	0.544 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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 34N-9C-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	13,900.01	7,139.73	197.32	196.87	-52.01	-1,532.96	-5,574.72	176.36	-151.40	327.76	0.538	Level 1	
14,100.00	7,248.52	14,000.00	7,139.97	200.13	199.68	-52.25	-1,533.97	-5,674.71	177.32	-155.83	333.16	0.532	Level 1	
14,200.00	7,248.77	14,100.01	7,140.21	202.94	202.48	-52.49	-1,534.97	-5,774.70	178.29	-160.27	338.56	0.527	Level 1	
14,300.00	7,249.02	14,200.02	7,140.45	205.76	205.29	-52.72	-1,535.97	-5,874.68	179.26	-164.73	343.99	0.521	Level 1	
14,400.00	7,249.27	14,300.02	7,140.69	208.57	208.10	-52.95	-1,536.97	-5,974.67	180.23	-169.19	349.42	0.516	Level 1	
14,500.00	7,249.52	14,400.03	7,140.93	211.38	210.91	-53.18	-1,537.97	-6,074.66	181.21	-173.66	354.87	0.511	Level 1	
14,600.00	7,249.76	14,500.04	7,141.17	214.20	213.73	-53.41	-1,538.97	-6,174.65	182.19	-178.14	360.33	0.506	Level 1	
14,700.00	7,250.01	14,600.04	7,141.41	217.02	216.54	-53.63	-1,539.97	-6,274.63	183.17	-182.63	365.80	0.501	Level 1	
14,800.00	7,250.26	14,700.05	7,141.65	219.84	219.36	-53.86	-1,540.98	-6,374.62	184.15	-187.13	371.28	0.496	Level 1	
14,900.00	7,250.51	14,800.06	7,141.89	222.65	222.17	-54.07	-1,541.98	-6,474.61	185.14	-191.64	376.78	0.491	Level 1	
15,000.00	7,250.76	14,900.07	7,142.12	225.48	224.99	-54.29	-1,542.98	-6,574.59	186.13	-196.16	382.28	0.487	Level 1	
15,100.00	7,251.01	15,000.07	7,142.36	228.30	227.81	-54.51	-1,543.98	-6,674.58	187.12	-200.68	387.80	0.483	Level 1	
15,200.00	7,251.26	15,100.08	7,142.60	231.12	230.63	-54.72	-1,544.98	-6,774.57	188.11	-205.21	393.33	0.478	Level 1	
15,300.00	7,251.50	15,200.09	7,142.84	233.94	233.45	-54.93	-1,545.98	-6,874.56	189.11	-209.75	398.86	0.474	Level 1	
15,400.00	7,251.75	15,300.10	7,143.08	236.77	236.27	-55.14	-1,546.98	-6,974.54	190.11	-214.30	404.41	0.470	Level 1	
15,500.00	7,252.00	15,399.90	7,143.32	239.59	239.08	-55.34	-1,547.99	-7,074.53	191.11	-218.85	409.96	0.466	Level 1	
15,600.00	7,252.25	15,500.11	7,143.56	242.42	241.91	-55.55	-1,548.99	-7,174.52	192.11	-223.41	415.52	0.462	Level 1	
15,700.00	7,252.50	15,600.12	7,143.80	245.24	244.74	-55.75	-1,549.99	-7,274.51	193.12	-227.98	421.10	0.459	Level 1	
15,800.00	7,252.75	15,700.13	7,144.04	248.07	247.56	-55.95	-1,550.99	-7,374.49	194.13	-232.55	426.68	0.455	Level 1	
15,900.00	7,253.00	15,800.13	7,144.28	250.90	250.39	-56.14	-1,551.99	-7,474.48	195.14	-237.12	432.27	0.451	Level 1	
16,000.00	7,253.25	15,900.14	7,144.52	253.73	253.21	-56.34	-1,552.99	-7,574.47	196.16	-241.71	437.86	0.448	Level 1	
16,100.00	7,253.49	16,000.15	7,144.76	256.56	256.04	-56.53	-1,553.99	-7,674.46	197.17	-246.30	443.47	0.445	Level 1	
16,200.00	7,253.74	16,100.15	7,145.00	259.39	258.87	-56.72	-1,555.00	-7,774.44	198.19	-250.89	449.08	0.441	Level 1	
16,300.00	7,253.99	16,200.16	7,145.24	262.22	261.69	-56.91	-1,556.00	-7,874.43	199.21	-255.49	454.70	0.438	Level 1	
16,400.00	7,254.24	16,300.17	7,145.48	265.05	264.52	-57.10	-1,557.00	-7,974.42	200.23	-260.09	460.33	0.435	Level 1	
16,500.00	7,254.49	16,400.18	7,145.72	267.88	267.35	-57.29	-1,558.00	-8,074.40	201.26	-264.70	465.96	0.432	Level 1	
16,600.00	7,254.74	16,500.18	7,145.96	270.72	270.18	-57.47	-1,559.00	-8,174.39	202.28	-269.31	471.60	0.429	Level 1	
16,700.00	7,254.99	16,600.19	7,146.20	273.55	273.01	-57.65	-1,560.00	-8,274.38	203.31	-273.93	477.24	0.426	Level 1	
16,800.00	7,255.24	16,700.20	7,146.44	276.38	275.84	-57.83	-1,561.01	-8,374.37	204.34	-278.55	482.90	0.423	Level 1	
16,900.00	7,255.48	16,800.21	7,146.68	279.22	278.67	-58.01	-1,562.01	-8,474.35	205.38	-283.18	488.56	0.420	Level 1	
17,000.00	7,255.73	16,900.21	7,146.92	282.05	281.50	-58.19	-1,563.01	-8,574.34	206.41	-287.81	494.22	0.418	Level 1	
17,100.00	7,255.98	17,000.22	7,147.16	284.89	284.34	-58.36	-1,564.01	-8,674.33	207.45	-292.44	499.89	0.415	Level 1	
17,200.00	7,256.23	17,099.77	7,147.40	287.73	287.16	-58.53	-1,565.01	-8,774.32	208.49	-297.07	505.55	0.412	Level 1	
17,300.00	7,256.48	17,200.24	7,147.64	290.56	290.00	-58.70	-1,566.01	-8,874.30	209.53	-301.72	511.25	0.410	Level 1	
17,400.00	7,256.73	17,300.24	7,147.88	293.40	292.84	-58.87	-1,567.01	-8,974.29	210.57	-306.36	516.93	0.407	Level 1	
17,500.00	7,256.98	17,400.25	7,148.12	296.24	295.67	-59.04	-1,568.02	-9,074.28	211.61	-311.01	522.62	0.405	Level 1	
17,600.00	7,257.22	17,500.26	7,148.36	299.07	298.51	-59.21	-1,569.02	-9,174.27	212.66	-315.66	528.32	0.403	Level 1	
17,700.00	7,257.47	17,600.27	7,148.60	301.91	301.34	-59.37	-1,570.02	-9,274.25	213.71	-320.31	534.02	0.400	Level 1	
17,800.00	7,257.72	17,700.27	7,148.84	304.75	304.18	-59.53	-1,571.02	-9,374.24	214.76	-324.97	539.72	0.398	Level 1	
17,900.00	7,257.97	17,800.28	7,149.08	307.59	307.01	-59.70	-1,572.02	-9,474.23	215.81	-329.62	545.43	0.396	Level 1	
18,000.00	7,258.22	17,900.29	7,149.32	310.43	309.85	-59.86	-1,573.02	-9,574.21	216.86	-334.29	551.15	0.393	Level 1	
18,100.00	7,258.47	18,000.29	7,149.56	313.27	312.68	-60.01	-1,574.02	-9,674.20	217.91	-338.95	556.86	0.391	Level 1	
18,200.00	7,258.72	18,100.30	7,149.80	316.11	315.52	-60.17	-1,575.03	-9,774.19	218.97	-343.61	562.58	0.389	Level 1	
18,300.00	7,258.97	18,200.31	7,150.04	318.95	318.36	-60.33	-1,576.03	-9,874.18	220.03	-348.28	568.31	0.387	Level 1	
18,400.00	7,259.21	18,300.32	7,150.28	321.79	321.20	-60.48	-1,577.03	-9,974.16	221.09	-352.95	574.04	0.385	Level 1	
18,500.00	7,259.46	18,400.32	7,150.52	324.63	324.03	-60.63	-1,578.03	-10,074.15	222.15	-357.62	579.77	0.383	Level 1	
18,600.00	7,259.71	18,500.33	7,150.76	327.48	326.87	-60.78	-1,579.03	-10,174.14	223.21	-362.30	585.51	0.381	Level 1	
18,700.00	7,259.96	18,600.34	7,151.00	330.32	329.71	-60.93	-1,580.03	-10,274.13	224.28	-366.97	591.25	0.379	Level 1	
18,800.00	7,260.21	18,700.35	7,151.24	333.16	332.55	-61.08	-1,581.04	-10,374.11	225.34	-371.65	596.99	0.377	Level 1	
18,900.00	7,260.46	18,800.35	7,151.48	336.00	335.39	-61.23	-1,582.04	-10,474.10	226.41	-376.33	602.74	0.376	Level 1	
19,000.00	7,260.71	18,900.36	7,151.72	338.85	338.23	-61.37	-1,583.04	-10,574.09	227.48	-381.01	608.49	0.374	Level 1	
19,100.00	7,260.95	18,999.63	7,151.96	341.69	341.05	-61.52	-1,584.04	-10,674.08	228.55	-385.67	614.22	0.372	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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 34N-9C-L - OH - Plan #1												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1												<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,118.22	7,261.00	19,017.85	7,152.00	342.21	341.57	-61.54	-1,584.22	-10,692.29	228.74	-386.53	615.27	0.372	Level 1, ES, SF

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-59.75	-0.56	59.75					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-59.75	-0.56	59.75	53.18	6.57	9.095		
200.00	200.00	200.00	200.00	3.34	3.34	-179.47	-59.75	-0.56	59.75	53.07	6.67	8.952		
300.00	300.00	300.00	300.00	3.44	3.44	-179.47	-59.75	-0.56	59.75	52.86	6.89	8.672 CC		
400.00	399.98	398.24	398.23	3.60	3.59	44.44	-61.20	0.30	59.96	52.77	7.20	8.333 ES		
500.00	499.84	496.48	496.33	3.79	3.78	45.34	-65.54	2.87	60.62	53.03	7.59	7.988		
600.00	599.45	594.71	594.19	4.03	4.01	46.80	-72.78	7.15	61.75	53.69	8.07	7.656		
700.00	698.70	692.91	691.68	4.30	4.27	48.75	-82.90	13.14	63.40	54.78	8.61	7.361		
800.00	797.47	791.09	788.68	4.60	4.57	51.10	-95.89	20.82	65.61	56.39	9.22	7.116		
900.00	895.62	889.23	885.08	4.94	4.90	53.76	-111.72	30.18	68.46	58.58	9.88	6.927		
1,000.00	993.06	987.33	980.75	5.32	5.26	56.61	-130.38	41.21	72.00	61.40	10.60	6.793		
1,100.00	1,089.64	1,085.38	1,075.58	5.73	5.66	59.54	-151.83	53.90	76.27	64.90	11.37	6.706		
1,131.50	1,119.87	1,116.26	1,105.26	5.87	5.79	60.47	-159.16	58.24	77.78	66.15	11.63	6.688		
1,200.00	1,185.51	1,183.39	1,169.45	6.18	6.09	62.03	-176.05	68.23	81.70	69.50	12.20	6.695		
1,300.00	1,281.33	1,281.22	1,262.14	6.65	6.56	62.63	-202.97	84.15	89.34	76.26	13.08	6.832		
1,400.00	1,377.14	1,378.65	1,353.34	7.13	7.05	61.65	-232.48	101.60	99.17	85.19	13.98	7.096		
1,500.00	1,472.96	1,475.47	1,442.76	7.63	7.58	59.56	-264.42	120.49	111.29	96.41	14.88	7.478		
1,600.00	1,568.78	1,574.32	1,533.35	8.14	8.16	57.25	-298.48	140.63	124.82	108.99	15.83	7.885		
1,700.00	1,664.60	1,673.29	1,624.04	8.66	8.75	55.39	-332.59	160.80	138.51	121.71	16.80	8.247		
1,800.00	1,760.41	1,772.25	1,714.73	9.19	9.36	53.86	-366.69	180.97	152.32	134.54	17.78	8.569		
1,900.00	1,856.23	1,871.22	1,805.42	9.73	9.98	52.59	-400.79	201.14	166.22	147.45	18.77	8.855		
2,000.00	1,952.05	1,970.19	1,896.11	10.27	10.62	51.51	-434.89	221.31	180.18	160.41	19.78	9.111		
2,100.00	2,047.86	2,069.16	1,986.80	10.81	11.26	50.59	-469.00	241.47	194.20	173.41	20.79	9.341		
2,200.00	2,143.68	2,168.12	2,077.49	11.36	11.90	49.79	-503.10	261.64	208.26	186.45	21.82	9.547		
2,300.00	2,239.50	2,267.09	2,168.18	11.92	12.56	49.10	-537.20	281.81	222.36	199.51	22.85	9.733		
2,400.00	2,335.32	2,366.06	2,258.87	12.47	13.22	48.48	-571.30	301.98	236.49	212.60	23.88	9.901		
2,500.00	2,431.13	2,465.03	2,349.56	13.03	13.88	47.94	-605.41	322.15	250.64	225.71	24.93	10.054		
2,600.00	2,526.95	2,563.99	2,440.25	13.59	14.54	47.46	-639.51	342.31	264.80	238.83	25.98	10.194		
2,700.00	2,622.77	2,662.96	2,530.95	14.15	15.21	47.02	-673.61	362.48	278.99	251.96	27.03	10.321		
2,800.00	2,718.59	2,761.93	2,621.64	14.72	15.89	46.62	-707.71	382.65	293.19	265.10	28.09	10.438		
2,900.00	2,814.40	2,860.90	2,712.33	15.29	16.56	46.27	-741.82	402.82	307.40	278.25	29.15	10.546		
3,000.00	2,910.22	2,959.86	2,803.02	15.85	17.24	45.94	-775.92	422.99	321.62	291.41	30.21	10.645		
3,100.00	3,006.04	3,058.83	2,893.71	16.42	17.92	45.64	-810.02	443.16	335.86	304.57	31.28	10.737		
3,200.00	3,101.85	3,157.80	2,984.40	16.99	18.60	45.37	-844.12	463.32	350.10	317.74	32.35	10.822		
3,300.00	3,197.67	3,256.77	3,075.09	17.56	19.28	45.12	-878.23	483.49	364.34	330.92	33.42	10.901		
3,400.00	3,293.49	3,355.73	3,165.78	18.14	19.97	44.88	-912.33	503.66	378.60	344.10	34.50	10.974		
3,500.00	3,389.31	3,454.70	3,256.47	18.71	20.65	44.66	-946.43	523.83	392.86	357.28	35.58	11.043		
3,600.00	3,485.12	3,553.67	3,347.16	19.28	21.34	44.46	-980.53	544.00	407.12	370.47	36.65	11.107		
3,700.00	3,580.94	3,652.64	3,437.85	19.86	22.03	44.27	-1,014.64	564.16	421.39	383.66	37.74	11.167		
3,800.00	3,676.76	3,751.60	3,528.54	20.43	22.71	44.10	-1,048.74	584.33	435.66	396.85	38.82	11.223		
3,900.00	3,772.58	3,850.57	3,619.24	21.01	23.40	43.93	-1,082.84	604.50	449.94	410.04	39.90	11.277		
4,000.00	3,868.39	3,949.54	3,709.93	21.58	24.09	43.78	-1,116.95	624.67	464.22	423.24	40.99	11.327		
4,100.00	3,964.21	4,048.51	3,800.62	22.16	24.78	43.63	-1,151.05	644.84	478.51	436.43	42.07	11.374		
4,200.00	4,060.03	4,147.47	3,891.31	22.74	25.48	43.50	-1,185.15	665.01	492.79	449.63	43.16	11.418		
4,300.00	4,155.85	4,246.44	3,982.00	23.32	26.17	43.37	-1,219.25	685.17	507.08	462.84	44.25	11.460		
4,400.00	4,251.66	4,345.41	4,072.69	23.89	26.86	43.25	-1,253.36	705.34	521.37	476.04	45.34	11.500		
4,500.00	4,347.48	4,444.38	4,163.38	24.47	27.55	43.13	-1,287.46	725.51	535.67	489.24	46.43	11.538		
4,600.00	4,443.30	4,543.34	4,254.07	25.05	28.25	43.02	-1,321.56	745.68	549.96	502.45	47.52	11.574		
4,700.00	4,539.11	4,642.31	4,344.76	25.63	28.94	42.92	-1,355.66	765.85	564.26	515.65	48.61	11.608		
4,800.00	4,634.93	4,741.28	4,435.45	26.21	29.64	42.82	-1,389.77	786.02	578.56	528.86	49.70	11.641		
4,900.00	4,730.75	4,840.25	4,526.14	26.79	30.33	42.73	-1,423.87	806.18	592.86	542.07	50.79	11.672		
5,000.00	4,826.57	4,939.21	4,616.83	27.37	31.03	42.64	-1,457.97	826.35	607.16	555.28	51.89	11.702		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	5,038.18	4,707.53	27.95	31.72	42.55	-1,492.07	846.52	621.47	568.49	52.98	11.730		
5,200.00	5,018.20	5,137.15	4,798.22	28.53	32.42	42.47	-1,526.18	866.69	635.77	581.70	54.08	11.757		
5,300.00	5,114.02	5,236.12	4,888.91	29.11	33.11	42.39	-1,560.28	886.86	650.08	594.91	55.17	11.783		
5,400.00	5,209.84	5,335.08	4,979.60	29.69	33.81	42.32	-1,594.38	907.02	664.39	608.12	56.27	11.808		
5,500.00	5,305.65	5,434.05	5,070.29	30.27	34.51	42.24	-1,628.48	927.19	678.70	621.33	57.36	11.831		
5,600.00	5,401.47	5,533.02	5,160.98	30.86	35.20	42.18	-1,662.59	947.36	693.00	634.54	58.46	11.854		
5,700.00	5,497.29	5,631.99	5,251.67	31.44	35.90	42.11	-1,696.69	967.53	707.32	647.76	59.56	11.876		
5,800.00	5,593.10	5,730.95	5,342.36	32.02	36.60	42.05	-1,730.79	987.70	721.63	660.97	60.66	11.897		
5,900.00	5,688.92	5,829.92	5,433.05	32.60	37.30	41.99	-1,764.89	1,007.87	735.94	674.18	61.75	11.917		
6,000.00	5,784.74	5,928.89	5,523.74	33.18	37.99	41.93	-1,799.00	1,028.03	750.25	687.40	62.85	11.937		
6,100.00	5,880.56	6,027.86	5,614.43	33.76	38.69	41.87	-1,833.10	1,048.20	764.57	700.61	63.95	11.955		
6,200.00	5,976.37	6,126.83	5,705.13	34.35	39.39	41.82	-1,867.20	1,068.37	778.88	713.83	65.05	11.973		
6,300.00	6,072.19	6,225.79	5,795.82	34.93	40.09	41.77	-1,901.30	1,088.54	793.20	727.04	66.15	11.991		
6,400.00	6,168.01	6,324.76	5,886.51	35.51	40.79	41.71	-1,935.41	1,108.71	807.51	740.26	67.25	12.008		
6,500.00	6,263.83	6,423.73	5,977.20	36.09	41.49	41.67	-1,969.51	1,128.87	821.83	753.48	68.35	12.024		
6,600.00	6,359.64	6,522.70	6,067.89	36.68	42.18	41.62	-2,003.61	1,149.04	836.14	766.69	69.45	12.039		
6,700.00	6,455.46	6,621.66	6,158.58	37.26	42.88	41.57	-2,037.71	1,169.21	850.46	779.91	70.55	12.054		
6,733.48	6,487.54	6,654.80	6,188.94	37.45	43.12	41.56	-2,049.13	1,175.96	855.26	784.34	70.92	12.059		
6,750.00	6,503.41	6,671.14	6,203.92	37.55	43.23	37.85	-2,054.76	1,179.29	857.62	786.53	71.10	12.063		
6,800.00	6,551.83	6,720.42	6,249.09	37.82	43.58	23.32	-2,071.75	1,189.28	864.83	793.25	71.58	12.082		
6,850.00	6,600.62	6,769.47	6,294.45	38.05	43.90	4.27	-2,088.79	1,196.78	872.09	800.09	72.01	12.111		
6,900.00	6,649.47	6,818.90	6,340.58	38.25	44.19	-15.79	-2,106.11	1,200.54	879.39	806.98	72.40	12.146		
6,950.00	6,698.08	6,868.71	6,387.22	38.42	44.45	-32.41	-2,123.59	1,200.45	886.66	813.89	72.78	12.183		
7,000.00	6,746.15	6,918.95	6,434.10	38.57	44.67	-44.28	-2,141.15	1,196.42	893.88	820.74	73.14	12.221		
7,050.00	6,793.39	6,969.61	6,480.93	38.71	44.85	-52.39	-2,158.67	1,188.37	900.99	827.48	73.51	12.256		
7,100.00	6,839.50	7,020.73	6,527.44	38.84	45.01	-57.99	-2,176.04	1,176.25	907.95	834.06	73.90	12.287		
7,150.00	6,884.20	7,072.30	6,573.29	38.97	45.14	-61.95	-2,193.15	1,160.02	914.72	840.42	74.30	12.311		
7,200.00	6,927.21	7,124.35	6,618.17	39.11	45.25	-64.83	-2,209.87	1,139.69	921.25	846.51	74.73	12.327		
7,250.00	6,968.28	7,176.86	6,661.73	39.25	45.35	-66.96	-2,226.08	1,115.27	927.49	852.29	75.20	12.333		
7,300.00	7,007.13	7,229.85	6,703.63	39.41	45.45	-68.58	-2,241.64	1,086.84	933.41	857.70	75.72	12.328		
7,350.00	7,043.55	7,283.31	6,743.51	39.58	45.54	-69.82	-2,256.43	1,054.49	938.97	862.69	76.28	12.309		
7,400.00	7,077.29	7,337.21	6,781.02	39.77	45.64	-70.78	-2,270.31	1,018.38	944.13	867.22	76.91	12.276		
7,450.00	7,108.16	7,391.54	6,815.80	39.98	45.75	-71.53	-2,283.15	978.69	948.85	871.25	77.60	12.227		
7,500.00	7,135.96	7,446.27	6,847.51	40.22	45.88	-72.11	-2,294.83	935.66	953.10	874.72	78.37	12.161		
7,550.00	7,160.53	7,501.37	6,875.83	40.49	46.02	-72.57	-2,305.21	889.57	956.84	877.61	79.23	12.076		
7,600.00	7,181.70	7,556.79	6,900.44	40.79	46.19	-72.92	-2,314.19	840.75	960.05	879.87	80.18	11.974		
7,650.00	7,199.35	7,612.48	6,921.08	41.13	46.39	-73.19	-2,321.67	789.59	962.71	881.48	81.23	11.852		
7,700.00	7,213.38	7,668.39	6,937.52	41.51	46.63	-73.38	-2,327.57	736.49	964.80	882.43	82.37	11.713		
7,750.00	7,223.68	7,724.47	6,949.56	41.93	46.90	-73.51	-2,331.81	681.91	966.29	882.70	83.59	11.560		
7,800.00	7,230.21	7,780.64	6,957.07	42.38	47.21	-73.59	-2,334.34	626.31	967.19	882.30	84.88	11.394		
7,850.00	7,232.92	7,836.85	6,959.97	42.87	47.56	-73.61	-2,335.15	570.20	967.48	881.24	86.24	11.219		
7,858.69	7,233.00	7,846.62	6,960.00	42.95	47.63	-73.61	-2,335.11	560.43	967.47	880.99	86.47	11.188		
7,900.00	7,233.10	7,887.43	6,960.12	43.38	47.92	-73.61	-2,334.95	519.63	967.39	879.88	87.51	11.055		
8,000.00	7,233.35	7,987.43	6,960.37	44.56	48.75	-73.61	-2,334.54	419.63	967.20	876.98	90.22	10.720		
8,100.00	7,233.60	8,087.43	6,960.62	45.91	49.74	-73.60	-2,334.13	319.63	967.01	873.83	93.18	10.378		
8,200.00	7,233.85	8,187.43	6,960.87	47.41	50.90	-73.60	-2,333.72	219.63	966.82	870.45	96.37	10.033		
8,300.00	7,234.10	8,287.43	6,961.13	49.05	52.24	-73.60	-2,333.31	119.63	966.63	866.87	99.75	9.690		
8,400.00	7,234.35	8,387.43	6,961.38	50.81	53.73	-73.59	-2,332.90	19.63	966.44	863.11	103.32	9.353		
8,500.00	7,234.59	8,487.43	6,961.63	52.68	55.37	-73.59	-2,332.49	-80.37	966.24	859.19	107.06	9.025		
8,600.00	7,234.84	8,587.43	6,961.88	54.65	57.14	-73.59	-2,332.08	-180.36	966.05	855.11	110.94	8.708		
8,700.00	7,235.09	8,687.43	6,962.13	56.70	59.03	-73.58	-2,331.67	-280.36	965.86	850.91	114.96	8.402		
8,800.00	7,235.34	8,787.43	6,962.38	58.82	61.01	-73.58	-2,331.26	-380.36	965.67	846.58	119.09	8.108		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,235.59	8,887.43	6,962.64	61.01	63.07	-73.58	-2,330.85	-480.36	965.48	842.15	123.34	7.828		
9,000.00	7,235.84	8,987.43	6,962.89	63.25	65.21	-73.57	-2,330.44	-580.36	965.29	837.61	127.68	7.560		
9,100.00	7,236.09	9,087.43	6,963.14	65.55	67.42	-73.57	-2,330.03	-680.36	965.10	833.00	132.10	7.306		
9,200.00	7,236.34	9,187.43	6,963.39	67.89	69.68	-73.57	-2,329.62	-780.36	964.91	828.30	136.61	7.063		
9,300.00	7,236.58	9,287.43	6,963.64	70.27	71.99	-73.56	-2,329.21	-880.35	964.72	823.53	141.19	6.833		
9,400.00	7,236.83	9,387.43	6,963.90	72.69	74.35	-73.56	-2,328.80	-980.35	964.53	818.70	145.83	6.614		
9,500.00	7,237.08	9,487.43	6,964.15	75.14	76.74	-73.56	-2,328.39	-1,080.35	964.34	813.81	150.53	6.406		
9,600.00	7,237.33	9,587.43	6,964.40	77.62	79.17	-73.56	-2,327.98	-1,180.35	964.15	808.87	155.28	6.209		
9,700.00	7,237.58	9,687.43	6,964.65	80.12	81.63	-73.55	-2,327.57	-1,280.35	963.96	803.88	160.08	6.022		
9,800.00	7,237.83	9,787.43	6,964.90	82.65	84.12	-73.55	-2,327.16	-1,380.35	963.77	798.84	164.93	5.844		
9,900.00	7,238.08	9,887.43	6,965.16	85.20	86.63	-73.55	-2,326.75	-1,480.35	963.58	793.76	169.81	5.674		
10,000.00	7,238.32	9,987.43	6,965.41	87.77	89.17	-73.54	-2,326.35	-1,580.35	963.39	788.65	174.73	5.513		
10,100.00	7,238.57	10,087.43	6,965.66	90.36	91.72	-73.54	-2,325.94	-1,680.34	963.19	783.50	179.69	5.360		
10,200.00	7,238.82	10,187.43	6,965.91	92.97	94.30	-73.54	-2,325.53	-1,780.34	963.00	778.33	184.68	5.214		
10,300.00	7,239.07	10,287.42	6,966.16	95.59	96.89	-73.53	-2,325.12	-1,880.34	962.81	773.12	189.69	5.076		
10,400.00	7,239.32	10,387.42	6,966.41	98.22	99.50	-73.53	-2,324.71	-1,980.34	962.62	767.89	194.74	4.943		
10,500.00	7,239.57	10,487.42	6,966.67	100.87	102.13	-73.53	-2,324.30	-2,080.34	962.43	762.63	199.80	4.817		
10,600.00	7,239.82	10,587.42	6,966.92	103.52	104.76	-73.52	-2,323.89	-2,180.34	962.24	757.35	204.89	4.696		
10,700.00	7,240.07	10,687.42	6,967.17	106.19	107.41	-73.52	-2,323.48	-2,280.34	962.05	752.05	210.00	4.581		
10,800.00	7,240.31	10,787.42	6,967.42	108.87	110.07	-73.52	-2,323.07	-2,380.33	961.86	746.73	215.13	4.471		
10,900.00	7,240.56	10,887.42	6,967.67	111.56	112.74	-73.51	-2,322.66	-2,480.33	961.67	741.39	220.28	4.366		
11,000.00	7,240.81	10,987.42	6,967.93	114.25	115.42	-73.51	-2,322.25	-2,580.33	961.48	736.03	225.45	4.265		
11,100.00	7,241.06	11,087.42	6,968.18	116.96	118.11	-73.51	-2,321.84	-2,680.33	961.29	730.66	230.63	4.168		
11,200.00	7,241.31	11,187.42	6,968.43	119.67	120.81	-73.51	-2,321.43	-2,780.33	961.10	725.28	235.82	4.076		
11,300.00	7,241.56	11,287.42	6,968.68	122.39	123.51	-73.50	-2,321.02	-2,880.33	960.91	719.88	241.03	3.987		
11,400.00	7,241.81	11,387.42	6,968.93	125.11	126.22	-73.50	-2,320.61	-2,980.33	960.72	714.47	246.25	3.901		
11,500.00	7,242.06	11,487.42	6,969.19	127.84	128.94	-73.50	-2,320.20	-3,080.33	960.53	709.04	251.49	3.819		
11,600.00	7,242.30	11,587.42	6,969.44	130.58	131.67	-73.49	-2,319.79	-3,180.32	960.34	703.61	256.73	3.741		
11,700.00	7,242.55	11,687.42	6,969.69	133.32	134.40	-73.49	-2,319.38	-3,280.32	960.15	698.16	261.99	3.665		
11,800.00	7,242.80	11,787.42	6,969.94	136.07	137.13	-73.49	-2,318.97	-3,380.32	959.96	692.70	267.25	3.592		
11,900.00	7,243.05	11,887.42	6,970.19	138.82	139.87	-73.48	-2,318.56	-3,480.32	959.76	687.24	272.53	3.522		
12,000.00	7,243.30	11,987.42	6,970.44	141.58	142.62	-73.48	-2,318.15	-3,580.32	959.57	681.76	277.81	3.454		
12,100.00	7,243.55	12,087.42	6,970.70	144.34	145.37	-73.48	-2,317.74	-3,680.32	959.38	676.28	283.10	3.389		
12,200.00	7,243.80	12,187.42	6,970.95	147.10	148.13	-73.47	-2,317.34	-3,780.32	959.19	670.79	288.40	3.326		
12,300.00	7,244.04	12,287.42	6,971.20	149.87	150.89	-73.47	-2,316.93	-3,880.31	959.00	665.30	293.71	3.265		
12,400.00	7,244.29	12,387.42	6,971.45	152.64	153.65	-73.47	-2,316.52	-3,980.31	958.81	659.79	299.02	3.207		
12,500.00	7,244.54	12,487.42	6,971.70	155.41	156.42	-73.46	-2,316.11	-4,080.31	958.62	654.28	304.34	3.150		
12,600.00	7,244.79	12,587.42	6,971.96	158.19	159.19	-73.46	-2,315.70	-4,180.31	958.43	648.76	309.67	3.095		
12,700.00	7,245.04	12,687.42	6,972.21	160.97	161.96	-73.46	-2,315.29	-4,280.31	958.24	643.24	315.00	3.042		
12,800.00	7,245.29	12,787.42	6,972.46	163.75	164.74	-73.45	-2,314.88	-4,380.31	958.05	637.71	320.34	2.991		
12,900.00	7,245.54	12,887.42	6,972.71	166.54	167.52	-73.45	-2,314.47	-4,480.31	957.86	632.18	325.68	2.941		
13,000.00	7,245.79	12,987.42	6,972.96	169.33	170.30	-73.45	-2,314.06	-4,580.31	957.67	626.64	331.03	2.893		
13,024.79	7,245.85	13,012.21	6,973.03	170.02	170.99	-73.45	-2,313.96	-4,605.10	957.62	625.26	332.36	2.881 SF		
13,100.00	7,246.03	13,002.01	6,973.00	172.12	170.70	-73.45	-2,314.00	-4,594.90	961.28	629.02	332.26	2.893		
13,200.00	7,246.28	13,002.01	6,973.00	174.91	170.70	-73.45	-2,314.00	-4,594.90	975.08	645.35	329.72	2.957		
13,300.00	7,246.53	13,002.01	6,973.00	177.71	170.70	-73.45	-2,314.00	-4,594.90	998.75	674.51	324.24	3.080		
13,400.00	7,246.78	13,002.01	6,973.00	180.50	170.70	-73.45	-2,314.00	-4,594.90	1,031.61	715.24	316.36	3.261		
13,500.00	7,247.03	13,002.01	6,973.00	183.30	170.70	-73.45	-2,314.00	-4,594.90	1,072.81	766.05	306.76	3.497		
13,600.00	7,247.28	13,002.01	6,973.00	186.10	170.70	-73.45	-2,314.00	-4,594.90	1,121.45	825.37	296.08	3.788		
13,700.00	7,247.53	13,002.01	6,973.00	188.91	170.70	-73.45	-2,314.00	-4,594.90	1,176.59	891.72	284.87	4.130		
13,800.00	7,247.77	13,002.01	6,973.00	191.71	170.70	-73.45	-2,314.00	-4,594.90	1,237.37	963.80	273.57	4.523		
13,900.00	7,248.02	13,002.01	6,973.00	194.52	170.70	-73.45	-2,314.00	-4,594.90	1,302.99	1,040.50	262.49	4.964		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	13,002.01	6,973.00	197.32	170.70	-73.45	-2,314.00	-4,594.90	1,372.77	1,120.92	251.85	5.451		
14,100.00	7,248.52	13,002.01	6,973.00	200.13	170.70	-73.45	-2,314.00	-4,594.90	1,446.11	1,204.33	241.77	5.981		
14,200.00	7,248.77	13,002.01	6,973.00	202.94	170.70	-73.45	-2,314.00	-4,594.90	1,522.48	1,290.16	232.32	6.553		
14,300.00	7,249.02	13,002.01	6,973.00	205.76	170.70	-73.45	-2,314.00	-4,594.90	1,601.46	1,377.94	223.52	7.165		
14,400.00	7,249.27	13,002.01	6,973.00	208.57	170.70	-73.45	-2,314.00	-4,594.90	1,682.67	1,467.31	215.36	7.813		
14,500.00	7,249.52	13,002.01	6,973.00	211.38	170.70	-73.45	-2,314.00	-4,594.90	1,765.81	1,558.00	207.82	8.497		
14,600.00	7,249.76	13,002.01	6,973.00	214.20	170.70	-73.45	-2,314.00	-4,594.90	1,850.62	1,649.77	200.86	9.214		
14,700.00	7,250.01	13,002.01	6,973.00	217.02	170.70	-73.45	-2,314.00	-4,594.90	1,936.89	1,742.44	194.45	9.961		
14,800.00	7,250.26	13,002.01	6,973.00	219.84	170.70	-73.45	-2,314.00	-4,594.90	2,024.41	1,835.87	188.54	10.737		
14,900.00	7,250.51	13,002.01	6,973.00	222.65	170.70	-73.45	-2,314.00	-4,594.90	2,113.05	1,929.95	183.10	11.540		
15,000.00	7,250.76	13,002.01	6,973.00	225.48	170.70	-73.45	-2,314.00	-4,594.90	2,202.65	2,024.57	178.08	12.369		
15,100.00	7,251.01	13,002.01	6,973.00	228.30	170.70	-73.45	-2,314.00	-4,594.90	2,293.12	2,119.66	173.46	13.220		
15,200.00	7,251.26	13,002.01	6,973.00	231.12	170.70	-73.45	-2,314.00	-4,594.90	2,384.35	2,215.16	169.18	14.093		
15,300.00	7,251.50	13,002.01	6,973.00	233.94	170.70	-73.45	-2,314.00	-4,594.90	2,476.25	2,311.02	165.23	14.986		
15,400.00	7,251.75	13,002.01	6,973.00	236.77	170.70	-73.45	-2,314.00	-4,594.90	2,568.76	2,407.18	161.58	15.898		
15,500.00	7,252.00	13,002.01	6,973.00	239.59	170.70	-73.45	-2,314.00	-4,594.90	2,661.82	2,503.62	158.19	16.826		
15,600.00	7,252.25	13,002.01	6,973.00	242.42	170.70	-73.45	-2,314.00	-4,594.90	2,755.35	2,600.30	155.05	17.771		
15,700.00	7,252.50	13,002.01	6,973.00	245.24	170.70	-73.45	-2,314.00	-4,594.90	2,849.33	2,697.20	152.13	18.729		
15,800.00	7,252.75	13,002.01	6,973.00	248.07	170.70	-73.45	-2,314.00	-4,594.90	2,943.71	2,794.29	149.42	19.701		
15,900.00	7,253.00	13,002.01	6,973.00	250.90	170.70	-73.45	-2,314.00	-4,594.90	3,038.44	2,891.55	146.90	20.684		
16,000.00	7,253.25	13,002.01	6,973.00	253.73	170.70	-73.45	-2,314.00	-4,594.90	3,133.50	2,988.96	144.54	21.679		
16,100.00	7,253.49	13,002.01	6,973.00	256.56	170.70	-73.45	-2,314.00	-4,594.90	3,228.86	3,086.52	142.34	22.684		
16,200.00	7,253.74	13,002.01	6,973.00	259.39	170.70	-73.45	-2,314.00	-4,594.90	3,324.50	3,184.21	140.29	23.697		
16,300.00	7,253.99	13,002.01	6,973.00	262.22	170.70	-73.45	-2,314.00	-4,594.90	3,420.38	3,282.01	138.37	24.719		
16,400.00	7,254.24	13,002.01	6,973.00	265.05	170.70	-73.45	-2,314.00	-4,594.90	3,516.49	3,379.92	136.57	25.748		
16,500.00	7,254.49	13,002.01	6,973.00	267.88	170.70	-73.45	-2,314.00	-4,594.90	3,612.81	3,477.93	134.89	26.784		
16,600.00	7,254.74	13,002.01	6,973.00	270.72	170.70	-73.45	-2,314.00	-4,594.90	3,709.33	3,576.03	133.31	27.826		
16,700.00	7,254.99	13,002.01	6,973.00	273.55	170.70	-73.45	-2,314.00	-4,594.90	3,806.03	3,674.21	131.82	28.873		
16,800.00	7,255.24	13,002.01	6,973.00	276.38	170.70	-73.45	-2,314.00	-4,594.90	3,902.89	3,772.47	130.42	29.925		
16,900.00	7,255.48	13,002.01	6,973.00	279.22	170.70	-73.45	-2,314.00	-4,594.90	3,999.91	3,870.80	129.11	30.981		
17,000.00	7,255.73	13,002.01	6,973.00	282.05	170.70	-73.45	-2,314.00	-4,594.90	4,097.07	3,969.20	127.87	32.040		
17,100.00	7,255.98	13,002.01	6,973.00	284.89	170.70	-73.45	-2,314.00	-4,594.90	4,194.37	4,067.66	126.71	33.103		
17,200.00	7,256.23	13,002.01	6,973.00	287.73	170.70	-73.45	-2,314.00	-4,594.90	4,291.79	4,166.18	125.61	34.169		
17,300.00	7,256.48	13,002.01	6,973.00	290.56	170.70	-73.45	-2,314.00	-4,594.90	4,389.32	4,264.76	124.57	35.236		
17,400.00	7,256.73	13,002.01	6,973.00	293.40	170.70	-73.45	-2,314.00	-4,594.90	4,486.97	4,363.38	123.59	36.306		
17,500.00	7,256.98	13,002.01	6,973.00	296.24	170.70	-73.45	-2,314.00	-4,594.90	4,584.71	4,462.05	122.66	37.378		
17,600.00	7,257.22	13,002.01	6,973.00	299.07	170.70	-73.45	-2,314.00	-4,594.90	4,682.55	4,560.77	121.78	38.451		
17,700.00	7,257.47	13,002.01	6,973.00	301.91	170.70	-73.45	-2,314.00	-4,594.90	4,780.48	4,659.53	120.95	39.524		
17,800.00	7,257.72	13,002.01	6,973.00	304.75	170.70	-73.45	-2,314.00	-4,594.90	4,878.50	4,758.33	120.16	40.599		
17,900.00	7,257.97	13,002.01	6,973.00	307.59	170.70	-73.45	-2,314.00	-4,594.90	4,976.59	4,857.17	119.42	41.674		
18,000.00	7,258.22	13,002.01	6,973.00	310.43	170.70	-73.45	-2,314.00	-4,594.90	5,074.76	4,956.05	118.71	42.749		
18,100.00	7,258.47	13,002.01	6,973.00	313.27	170.70	-73.45	-2,314.00	-4,594.90	5,173.00	5,054.96	118.04	43.824		
18,200.00	7,258.72	13,002.01	6,973.00	316.11	170.70	-73.45	-2,314.00	-4,594.90	5,271.30	5,153.90	117.40	44.899		
18,300.00	7,258.97	13,002.01	6,973.00	318.95	170.70	-73.45	-2,314.00	-4,594.90	5,369.67	5,252.87	116.80	45.974		
18,400.00	7,259.21	13,002.01	6,973.00	321.79	170.70	-73.45	-2,314.00	-4,594.90	5,468.09	5,351.87	116.22	47.048		
18,500.00	7,259.46	13,002.01	6,973.00	324.63	170.70	-73.45	-2,314.00	-4,594.90	5,566.58	5,450.90	115.68	48.122		
18,600.00	7,259.71	13,002.01	6,973.00	327.48	170.70	-73.45	-2,314.00	-4,594.90	5,665.11	5,549.95	115.16	49.194		
18,700.00	7,259.96	13,002.01	6,973.00	330.32	170.70	-73.45	-2,314.00	-4,594.90	5,763.70	5,649.03	114.66	50.266		
18,800.00	7,260.21	13,002.01	6,973.00	333.16	170.70	-73.45	-2,314.00	-4,594.90	5,862.33	5,748.14	114.19	51.336		
18,900.00	7,260.46	13,002.01	6,973.00	336.00	170.70	-73.45	-2,314.00	-4,594.90	5,961.01	5,847.26	113.75	52.405		
19,000.00	7,260.71	13,002.01	6,973.00	338.85	170.70	-73.45	-2,314.00	-4,594.90	6,059.73	5,946.41	113.32	53.473		
19,100.00	7,260.95	13,002.01	6,973.00	341.69	170.70	-73.45	-2,314.00	-4,594.90	6,158.50	6,045.58	112.92	54.540		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 4N-14A-S - OH - Plan #1												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1												<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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
19,118.22	7,261.00	13,002.01	6,973.00	342.21	170.70	-73.45	-2,314.00	-4,594.90	6,176.49	6,063.65	112.85	54.734	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-179.57	-74.68	-0.56	74.68					
100.00	100.00	100.00	100.00	3.28	3.28	-179.57	-74.68	-0.56	74.68	68.11	6.57	11.368		
200.00	200.00	200.00	200.00	3.34	3.34	-179.57	-74.68	-0.56	74.68	68.01	6.67	11.190 CC, ES		
300.00	300.00	297.73	297.71	3.44	3.44	179.82	-76.15	0.23	76.18	69.29	6.89	11.056		
400.00	399.98	395.32	395.17	3.60	3.59	42.53	-80.54	2.60	79.43	72.22	7.21	11.020		
500.00	499.84	492.79	492.28	3.79	3.78	42.23	-87.84	6.54	83.15	75.53	7.62	10.918		
600.00	599.45	590.12	588.92	4.03	4.01	42.47	-98.03	12.03	87.31	79.20	8.10	10.772		
700.00	698.70	687.32	684.97	4.30	4.28	43.16	-111.08	19.06	91.92	83.26	8.66	10.610		
800.00	797.47	784.36	780.32	4.60	4.59	44.22	-126.96	27.62	97.00	87.72	9.28	10.453		
900.00	895.62	881.25	874.85	4.94	4.94	45.58	-145.65	37.69	102.59	92.64	9.95	10.316		
1,000.00	993.06	977.97	968.45	5.32	5.32	47.17	-167.10	49.25	108.72	98.06	10.66	10.196		
1,100.00	1,089.64	1,074.53	1,061.01	5.73	5.73	48.93	-191.28	62.28	115.43	104.00	11.43	10.102		
1,131.50	1,119.87	1,104.90	1,089.93	5.87	5.87	49.51	-199.45	66.68	117.67	105.99	11.68	10.078		
1,200.00	1,185.51	1,170.88	1,152.40	6.18	6.18	50.59	-218.12	76.75	123.28	111.04	12.24	10.074		
1,300.00	1,281.33	1,266.86	1,242.37	6.65	6.67	51.29	-247.54	92.60	133.78	120.70	13.09	10.224		
1,400.00	1,377.14	1,362.24	1,330.62	7.13	7.19	51.12	-279.39	109.76	146.95	132.99	13.95	10.531		
1,500.00	1,472.96	1,459.23	1,419.28	7.63	7.75	50.40	-313.99	128.41	162.37	147.51	14.86	10.928		
1,600.00	1,568.78	1,557.97	1,509.42	8.14	8.35	49.72	-349.48	147.54	178.08	162.27	15.80	11.268		
1,700.00	1,664.60	1,656.71	1,599.55	8.66	8.96	49.16	-384.97	166.66	193.81	177.03	16.77	11.556		
1,800.00	1,760.41	1,755.45	1,689.68	9.19	9.59	48.68	-420.46	185.79	209.55	191.79	17.76	11.801		
1,900.00	1,856.23	1,854.18	1,779.82	9.73	10.22	48.27	-455.95	204.91	225.31	206.55	18.76	12.012		
2,000.00	1,952.05	1,952.92	1,869.95	10.27	10.87	47.91	-491.44	224.04	241.08	221.31	19.77	12.194		
2,100.00	2,047.86	2,051.66	1,960.08	10.81	11.52	47.60	-526.93	243.16	256.85	236.06	20.79	12.353		
2,200.00	2,143.68	2,150.40	2,050.22	11.36	12.18	47.32	-562.42	262.29	272.63	250.81	21.83	12.491		
2,300.00	2,239.50	2,249.14	2,140.35	11.92	12.84	47.07	-597.91	281.41	288.42	265.55	22.87	12.613		
2,400.00	2,335.32	2,347.88	2,230.49	12.47	13.51	46.85	-633.40	300.54	304.21	280.30	23.92	12.720		
2,500.00	2,431.13	2,446.62	2,320.62	13.03	14.18	46.65	-668.89	319.66	320.01	295.04	24.97	12.816		
2,600.00	2,526.95	2,545.36	2,410.75	13.59	14.86	46.47	-704.38	338.79	335.81	309.78	26.03	12.901		
2,700.00	2,622.77	2,644.09	2,500.89	14.15	15.53	46.31	-739.87	357.91	351.61	324.52	27.09	12.977		
2,800.00	2,718.59	2,742.83	2,591.02	14.72	16.21	46.16	-775.36	377.04	367.42	339.25	28.16	13.046		
2,900.00	2,814.40	2,841.57	2,681.15	15.29	16.90	46.02	-810.85	396.16	383.22	353.99	29.24	13.108		
3,000.00	2,910.22	2,940.31	2,771.29	15.85	17.58	45.89	-846.34	415.29	399.03	368.72	30.31	13.164		
3,100.00	3,006.04	3,039.05	2,861.42	16.42	18.27	45.77	-881.83	434.41	414.84	383.45	31.39	13.215		
3,200.00	3,101.85	3,137.79	2,951.55	16.99	18.95	45.67	-917.32	453.54	430.66	398.18	32.47	13.262		
3,300.00	3,197.67	3,236.53	3,041.69	17.56	19.64	45.56	-952.81	472.66	446.47	412.91	33.56	13.305		
3,400.00	3,293.49	3,335.26	3,131.82	18.14	20.33	45.47	-988.30	491.79	462.29	427.64	34.64	13.344		
3,500.00	3,389.31	3,434.00	3,221.95	18.71	21.03	45.38	-1,023.79	510.91	478.10	442.37	35.73	13.380		
3,600.00	3,485.12	3,532.74	3,312.09	19.28	21.72	45.30	-1,059.28	530.04	493.92	457.10	36.82	13.413		
3,700.00	3,580.94	3,631.48	3,402.22	19.86	22.41	45.22	-1,094.77	549.16	509.74	471.82	37.92	13.444		
3,800.00	3,676.76	3,730.22	3,492.35	20.43	23.10	45.15	-1,130.26	568.29	525.56	486.55	39.01	13.473		
3,900.00	3,772.58	3,828.96	3,582.49	21.01	23.80	45.08	-1,165.75	587.41	541.38	501.27	40.10	13.499		
4,000.00	3,868.39	3,927.70	3,672.62	21.58	24.49	45.02	-1,201.24	606.54	557.20	516.00	41.20	13.524		
4,100.00	3,964.21	4,026.44	3,762.75	22.16	25.19	44.96	-1,236.73	625.66	573.02	530.72	42.30	13.547		
4,200.00	4,060.03	4,125.17	3,852.89	22.74	25.89	44.90	-1,272.22	644.79	588.84	545.45	43.40	13.569		
4,300.00	4,155.85	4,223.91	3,943.02	23.32	26.58	44.84	-1,307.70	663.92	604.67	560.17	44.50	13.589		
4,400.00	4,251.66	4,322.65	4,033.15	23.89	27.28	44.79	-1,343.19	683.04	620.49	574.89	45.60	13.608		
4,500.00	4,347.48	4,421.39	4,123.29	24.47	27.98	44.74	-1,378.68	702.17	636.31	589.61	46.70	13.626		
4,600.00	4,443.30	4,520.13	4,213.42	25.05	28.68	44.70	-1,414.17	721.29	652.14	604.33	47.80	13.642		
4,700.00	4,539.11	4,618.87	4,303.55	25.63	29.38	44.65	-1,449.66	740.42	667.96	619.06	48.91	13.658		
4,800.00	4,634.93	4,717.61	4,393.69	26.21	30.08	44.61	-1,485.15	759.54	683.79	633.78	50.01	13.673		
4,900.00	4,730.75	4,816.35	4,483.82	26.79	30.78	44.57	-1,520.64	778.67	699.61	648.50	51.11	13.687		
5,000.00	4,826.57	4,915.08	4,573.96	27.37	31.48	44.53	-1,556.13	797.79	715.44	663.22	52.22	13.700		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	5,013.82	4,664.09	27.95	32.18	44.49	-1,591.62	816.92	731.26	677.94	53.33	13.713		
5,200.00	5,018.20	5,112.56	4,754.22	28.53	32.88	44.46	-1,627.11	836.04	747.09	692.66	54.43	13.725		
5,300.00	5,114.02	5,211.30	4,844.36	29.11	33.58	44.42	-1,662.60	855.17	762.92	707.38	55.54	13.736		
5,400.00	5,209.84	5,310.04	4,934.49	29.69	34.28	44.39	-1,698.09	874.29	778.74	722.09	56.65	13.747		
5,500.00	5,305.65	5,408.78	5,024.62	30.27	34.98	44.36	-1,733.58	893.42	794.57	736.81	57.76	13.757		
5,600.00	5,401.47	5,507.52	5,114.76	30.86	35.68	44.33	-1,769.07	912.54	810.40	751.53	58.86	13.767		
5,700.00	5,497.29	5,606.25	5,204.89	31.44	36.38	44.30	-1,804.56	931.67	826.22	766.25	59.97	13.776		
5,800.00	5,593.10	5,704.99	5,295.02	32.02	37.09	44.27	-1,840.05	950.79	842.05	780.97	61.08	13.785		
5,900.00	5,688.92	5,803.73	5,385.16	32.60	37.79	44.25	-1,875.54	969.92	857.88	795.69	62.19	13.794		
6,000.00	5,784.74	5,902.47	5,475.29	33.18	38.49	44.22	-1,911.03	989.04	873.71	810.40	63.30	13.802		
6,100.00	5,880.56	6,001.21	5,565.42	33.76	39.19	44.19	-1,946.52	1,008.17	889.53	825.12	64.41	13.810		
6,200.00	5,976.37	6,100.05	5,655.56	34.35	39.90	44.17	-1,982.01	1,027.29	905.36	839.84	65.53	13.817		
6,300.00	6,072.19	6,201.31	5,745.69	34.93	40.62	44.15	-2,017.50	1,046.42	921.19	854.54	66.65	13.821		
6,400.00	6,168.01	6,297.43	5,835.82	35.51	41.30	44.12	-2,052.99	1,065.54	937.02	869.27	67.75	13.831		
6,500.00	6,263.83	6,403.84	5,925.96	36.09	42.06	44.10	-2,088.48	1,084.67	952.85	883.94	68.90	13.828		
6,600.00	6,359.64	6,505.10	6,016.09	36.68	42.78	44.08	-2,123.97	1,103.79	968.68	898.64	70.03	13.832		
6,700.00	6,455.46	6,606.36	6,106.22	37.26	43.50	44.06	-2,159.46	1,122.92	984.51	913.35	71.16	13.835		
6,733.48	6,487.54	6,626.70	6,136.40	37.45	43.65	44.05	-2,171.34	1,129.32	989.81	918.35	71.46	13.852		
6,750.00	6,503.41	6,643.01	6,151.29	37.55	43.76	40.37	-2,177.20	1,132.48	992.41	920.78	71.64	13.854		
6,800.00	6,551.83	6,692.26	6,196.25	37.82	44.11	25.93	-2,194.90	1,142.02	1,000.23	928.10	72.13	13.867		
6,850.00	6,600.62	6,741.12	6,240.85	38.05	44.46	6.84	-2,212.46	1,151.49	1,007.93	935.37	72.55	13.892		
6,900.00	6,649.47	6,789.27	6,284.80	38.25	44.80	-13.49	-2,229.77	1,160.81	1,015.54	942.63	72.91	13.930		
6,950.00	6,698.08	6,836.42	6,327.84	38.42	45.14	-30.55	-2,246.72	1,169.94	1,023.14	949.94	73.20	13.978		
7,000.00	6,746.15	6,882.28	6,369.71	38.57	45.47	-43.00	-2,263.20	1,178.83	1,030.84	957.40	73.44	14.036		
7,050.00	6,793.39	6,926.57	6,410.14	38.71	45.78	-51.81	-2,279.12	1,187.41	1,038.78	965.14	73.64	14.106		
7,100.00	6,839.50	6,972.16	6,452.00	38.84	46.09	-58.18	-2,295.60	1,194.72	1,047.07	973.21	73.86	14.177		
7,150.00	6,884.20	7,019.56	6,495.93	38.97	46.38	-62.91	-2,312.86	1,198.90	1,055.66	981.54	74.11	14.244		
7,200.00	6,927.21	7,068.99	6,541.93	39.11	46.65	-66.57	-2,330.92	1,199.50	1,064.50	990.09	74.41	14.305		
7,250.00	6,968.28	7,120.74	6,589.99	39.25	46.90	-69.50	-2,349.76	1,196.02	1,073.54	998.78	74.76	14.360		
7,300.00	7,007.13	7,175.16	6,640.07	39.41	47.11	-71.92	-2,369.37	1,187.85	1,082.70	1,007.55	75.15	14.407		
7,350.00	7,043.55	7,232.63	6,692.06	39.58	47.29	-73.98	-2,389.70	1,174.27	1,091.89	1,016.30	75.59	14.445		
7,400.00	7,077.29	7,293.57	6,745.72	39.77	47.45	-75.78	-2,410.64	1,154.44	1,101.00	1,024.93	76.07	14.473		
7,450.00	7,108.16	7,358.43	6,800.63	39.98	47.59	-77.37	-2,432.03	1,127.39	1,109.91	1,033.31	76.60	14.490		
7,500.00	7,135.96	7,427.66	6,856.08	40.22	47.71	-78.81	-2,453.58	1,092.07	1,118.47	1,041.29	77.18	14.492		
7,550.00	7,160.53	7,501.65	6,911.05	40.49	47.83	-80.11	-2,474.89	1,047.43	1,126.50	1,048.67	77.83	14.474		
7,600.00	7,181.70	7,580.70	6,964.04	40.79	47.96	-81.28	-2,495.36	992.52	1,133.82	1,055.22	78.60	14.426		
7,650.00	7,199.35	7,664.89	7,013.06	41.13	48.12	-82.30	-2,514.21	926.80	1,140.21	1,060.67	79.55	14.334		
7,700.00	7,213.38	7,754.01	7,055.69	41.51	48.33	-83.15	-2,530.49	850.34	1,145.47	1,064.71	80.76	14.183		
7,750.00	7,223.68	7,847.42	7,089.28	41.93	48.61	-83.80	-2,543.16	764.19	1,149.40	1,067.07	82.33	13.961		
7,800.00	7,230.21	7,944.05	7,111.30	42.38	48.99	-84.22	-2,551.25	670.55	1,151.82	1,067.54	84.28	13.666		
7,850.00	7,232.92	8,042.40	7,119.93	42.87	49.48	-84.37	-2,554.05	572.72	1,152.63	1,066.06	86.57	13.314		
7,858.69	7,233.00	8,053.77	7,120.05	42.95	49.55	-84.38	-2,554.03	561.35	1,152.62	1,065.77	86.85	13.271		
7,900.00	7,233.10	8,104.93	7,120.38	43.38	49.86	-84.39	-2,553.92	520.05	1,152.57	1,064.56	88.01	13.096		
8,000.00	7,233.35	8,204.93	7,121.20	44.56	50.57	-84.42	-2,553.64	420.05	1,152.45	1,061.71	90.74	12.701		
8,100.00	7,233.60	8,304.93	7,122.01	45.91	51.44	-84.44	-2,553.37	320.06	1,152.33	1,058.60	93.73	12.294		
8,200.00	7,233.85	8,404.93	7,122.82	47.41	52.48	-84.47	-2,553.09	220.06	1,152.21	1,055.24	96.97	11.882		
8,300.00	7,234.10	8,504.93	7,123.64	49.05	53.70	-84.50	-2,552.82	120.07	1,152.10	1,051.67	100.43	11.472		
8,400.00	7,234.35	8,604.93	7,124.45	50.81	55.08	-84.53	-2,552.54	20.07	1,151.98	1,047.90	104.08	11.068		
8,500.00	7,234.59	8,704.94	7,125.26	52.68	56.62	-84.55	-2,552.27	-79.92	1,151.86	1,043.95	107.91	10.674		
8,600.00	7,234.84	8,804.94	7,126.08	54.65	58.30	-84.58	-2,551.99	-179.92	1,151.75	1,039.85	111.90	10.293		
8,700.00	7,235.09	8,904.94	7,126.89	56.70	60.11	-84.61	-2,551.72	-279.91	1,151.63	1,035.60	116.03	9.925		
8,800.00	7,235.34	9,004.94	7,127.71	58.82	62.02	-84.64	-2,551.45	-379.91	1,151.52	1,031.23	120.29	9.573		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,235.59	9,104.94	7,128.52	61.01	64.03	-84.66	-2,551.17	-479.90	1,151.40	1,026.74	124.67	9.236		
9,000.00	7,235.84	9,204.94	7,129.33	63.25	66.11	-84.69	-2,550.90	-579.89	1,151.29	1,022.14	129.14	8.915		
9,100.00	7,236.09	9,304.95	7,130.15	65.55	68.27	-84.72	-2,550.62	-679.89	1,151.17	1,017.46	133.72	8.609		
9,200.00	7,236.34	9,404.95	7,130.96	67.89	70.49	-84.75	-2,550.35	-779.88	1,151.06	1,012.69	138.37	8.319		
9,300.00	7,236.58	9,504.95	7,131.77	70.27	72.76	-84.77	-2,550.07	-879.88	1,150.94	1,007.84	143.10	8.043		
9,400.00	7,236.83	9,604.95	7,132.59	72.69	75.08	-84.80	-2,549.80	-979.87	1,150.83	1,002.93	147.90	7.781		
9,500.00	7,237.08	9,704.95	7,133.40	75.14	77.44	-84.83	-2,549.52	-1,079.87	1,150.72	997.95	152.76	7.533		
9,600.00	7,237.33	9,804.95	7,134.21	77.62	79.84	-84.86	-2,549.25	-1,179.86	1,150.60	992.92	157.68	7.297		
9,700.00	7,237.58	9,904.96	7,135.03	80.12	82.28	-84.89	-2,548.97	-1,279.86	1,150.49	987.84	162.65	7.073		
9,800.00	7,237.83	9,995.04	7,135.84	82.65	84.50	-84.91	-2,548.70	-1,379.85	1,150.38	982.96	167.42	6.871		
9,900.00	7,238.08	10,104.96	7,136.66	85.20	87.23	-84.94	-2,548.42	-1,479.85	1,150.26	977.54	172.73	6.659		
10,000.00	7,238.32	10,204.96	7,137.47	87.77	89.75	-84.97	-2,548.15	-1,579.84	1,150.15	972.33	177.82	6.468		
10,100.00	7,238.57	10,304.96	7,138.28	90.36	92.28	-85.00	-2,547.88	-1,679.84	1,150.04	967.08	182.96	6.286		
10,200.00	7,238.82	10,404.96	7,139.10	92.97	94.84	-85.02	-2,547.60	-1,779.83	1,149.93	961.80	188.12	6.113		
10,300.00	7,239.07	10,504.97	7,139.91	95.59	97.42	-85.05	-2,547.33	-1,879.83	1,149.82	956.49	193.32	5.948		
10,400.00	7,239.32	10,604.97	7,140.72	98.22	100.01	-85.08	-2,547.05	-1,979.82	1,149.70	951.16	198.55	5.791		
10,500.00	7,239.57	10,704.97	7,141.54	100.87	102.61	-85.11	-2,546.78	-2,079.82	1,149.59	945.80	203.80	5.641		
10,600.00	7,239.82	10,804.97	7,142.35	103.52	105.24	-85.14	-2,546.50	-2,179.81	1,149.48	940.41	209.07	5.498		
10,700.00	7,240.07	10,904.97	7,143.16	106.19	107.87	-85.16	-2,546.23	-2,279.80	1,149.37	935.00	214.37	5.362		
10,800.00	7,240.31	11,004.97	7,143.98	108.87	110.52	-85.19	-2,545.95	-2,379.80	1,149.26	929.57	219.69	5.231		
10,900.00	7,240.56	11,104.98	7,144.79	111.56	113.17	-85.22	-2,545.68	-2,479.79	1,149.15	924.13	225.03	5.107		
11,000.00	7,240.81	11,204.98	7,145.61	114.25	115.84	-85.25	-2,545.40	-2,579.79	1,149.04	918.66	230.38	4.988		
11,100.00	7,241.06	11,304.98	7,146.42	116.96	118.52	-85.27	-2,545.13	-2,679.78	1,148.93	913.18	235.75	4.873		
11,200.00	7,241.31	11,404.98	7,147.23	119.67	121.20	-85.30	-2,544.85	-2,779.78	1,148.82	907.68	241.14	4.764		
11,300.00	7,241.56	11,504.98	7,148.05	122.39	123.90	-85.33	-2,544.58	-2,879.77	1,148.71	902.17	246.54	4.659		
11,400.00	7,241.81	11,604.98	7,148.86	125.11	126.60	-85.36	-2,544.30	-2,979.77	1,148.61	896.65	251.96	4.559		
11,500.00	7,242.06	11,704.99	7,149.67	127.84	129.31	-85.39	-2,544.03	-3,079.76	1,148.50	891.11	257.39	4.462		
11,600.00	7,242.30	11,804.99	7,150.49	130.58	132.02	-85.41	-2,543.76	-3,179.76	1,148.39	885.56	262.83	4.369		
11,700.00	7,242.55	11,904.99	7,151.30	133.32	134.74	-85.44	-2,543.48	-3,279.75	1,148.28	880.00	268.28	4.280		
11,800.00	7,242.80	12,004.99	7,152.11	136.07	137.47	-85.47	-2,543.21	-3,379.75	1,148.17	874.43	273.74	4.194		
11,900.00	7,243.05	12,104.99	7,152.93	138.82	140.21	-85.50	-2,542.93	-3,479.74	1,148.07	868.85	279.22	4.112		
12,000.00	7,243.30	12,204.99	7,153.74	141.58	142.94	-85.53	-2,542.66	-3,579.74	1,147.96	863.26	284.70	4.032		
12,100.00	7,243.55	12,295.01	7,154.56	144.34	145.41	-85.55	-2,542.38	-3,679.73	1,147.85	857.93	289.92	3.959		
12,200.00	7,243.80	12,405.00	7,155.37	147.10	148.43	-85.58	-2,542.11	-3,779.73	1,147.75	852.05	295.69	3.882		
12,300.00	7,244.04	12,505.00	7,156.18	149.87	151.19	-85.61	-2,541.83	-3,879.72	1,147.64	846.44	301.20	3.810		
12,400.00	7,244.29	12,605.00	7,157.00	152.64	153.94	-85.64	-2,541.56	-3,979.71	1,147.54	840.82	306.72	3.741		
12,500.00	7,244.54	12,705.00	7,157.81	155.41	156.70	-85.66	-2,541.28	-4,079.71	1,147.43	835.19	312.24	3.675		
12,600.00	7,244.79	12,805.00	7,158.62	158.19	159.47	-85.69	-2,541.01	-4,179.70	1,147.32	829.55	317.77	3.611		
12,700.00	7,245.04	12,905.00	7,159.44	160.97	162.23	-85.72	-2,540.73	-4,279.70	1,147.22	823.91	323.31	3.548		
12,800.00	7,245.29	13,005.01	7,160.25	163.75	165.00	-85.75	-2,540.46	-4,379.69	1,147.11	818.26	328.85	3.488		
12,900.00	7,245.54	13,105.01	7,161.06	166.54	167.78	-85.78	-2,540.18	-4,479.69	1,147.01	812.61	334.40	3.430		
13,000.00	7,245.79	13,194.99	7,161.88	169.33	170.28	-85.80	-2,539.91	-4,579.68	1,146.91	807.23	339.68	3.376		
13,025.97	7,245.85	13,220.96	7,162.09	170.05	171.00	-85.81	-2,539.84	-4,605.65	1,146.88	805.76	341.12	3.362 SF		
13,100.00	7,246.03	13,210.89	7,162.01	172.12	170.72	-85.81	-2,539.87	-4,595.58	1,149.88	808.50	341.38	3.368		
13,200.00	7,246.28	13,210.89	7,162.01	174.91	170.72	-85.81	-2,539.87	-4,595.58	1,161.38	821.23	340.15	3.414		
13,300.00	7,246.53	13,210.89	7,162.01	177.71	170.72	-85.81	-2,539.87	-4,595.58	1,181.27	844.57	336.70	3.508		
13,400.00	7,246.78	13,210.89	7,162.01	180.50	170.72	-85.81	-2,539.87	-4,595.58	1,209.12	877.81	331.31	3.649		
13,500.00	7,247.03	13,210.89	7,162.01	183.30	170.72	-85.81	-2,539.87	-4,595.58	1,244.41	920.04	324.37	3.836		
13,600.00	7,247.28	13,210.89	7,162.01	186.10	170.72	-85.81	-2,539.87	-4,595.58	1,286.52	970.27	316.25	4.068		
13,700.00	7,247.53	13,210.89	7,162.01	188.91	170.72	-85.81	-2,539.87	-4,595.58	1,334.81	1,027.45	307.36	4.343		
13,800.00	7,247.77	13,210.89	7,162.01	191.71	170.72	-85.81	-2,539.87	-4,595.58	1,388.63	1,090.61	298.02	4.660		
13,900.00	7,248.02	13,210.89	7,162.01	194.52	170.72	-85.81	-2,539.87	-4,595.58	1,447.37	1,158.86	288.51	5.017		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 4N-14C-S - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	13,210.89	7,162.01	197.32	170.72	-85.81	-2,539.87	-4,595.58	1,510.45	1,231.40	279.05	5.413		
14,100.00	7,248.52	13,210.89	7,162.01	200.13	170.72	-85.81	-2,539.87	-4,595.58	1,577.36	1,307.56	269.80	5.846		
14,200.00	7,248.77	13,210.89	7,162.01	202.94	170.72	-85.81	-2,539.87	-4,595.58	1,647.61	1,386.75	260.86	6.316		
14,300.00	7,249.02	13,210.89	7,162.01	205.76	170.72	-85.81	-2,539.87	-4,595.58	1,720.82	1,468.49	252.32	6.820		
14,400.00	7,249.27	13,210.89	7,162.01	208.57	170.72	-85.81	-2,539.87	-4,595.58	1,796.61	1,552.39	244.21	7.357		
14,500.00	7,249.52	13,210.89	7,162.01	211.38	170.72	-85.81	-2,539.87	-4,595.58	1,874.67	1,638.11	236.56	7.925		
14,600.00	7,249.76	13,210.89	7,162.01	214.20	170.72	-85.81	-2,539.87	-4,595.58	1,954.73	1,725.37	229.35	8.523		
14,700.00	7,250.01	13,210.89	7,162.01	217.02	170.72	-85.81	-2,539.87	-4,595.58	2,036.55	1,813.96	222.60	9.149		
14,800.00	7,250.26	13,210.89	7,162.01	219.84	170.72	-85.81	-2,539.87	-4,595.58	2,119.94	1,903.66	216.27	9.802		
14,900.00	7,250.51	13,210.89	7,162.01	222.65	170.72	-85.81	-2,539.87	-4,595.58	2,204.70	1,994.34	210.36	10.481		
15,000.00	7,250.76	13,210.89	7,162.01	225.48	170.72	-85.81	-2,539.87	-4,595.58	2,290.70	2,085.87	204.83	11.183		
15,100.00	7,251.01	13,210.89	7,162.01	228.30	170.72	-85.81	-2,539.87	-4,595.58	2,377.79	2,178.12	199.67	11.909		
15,200.00	7,251.26	13,210.89	7,162.01	231.12	170.72	-85.81	-2,539.87	-4,595.58	2,465.86	2,271.01	194.85	12.655		
15,300.00	7,251.50	13,210.89	7,162.01	233.94	170.72	-85.81	-2,539.87	-4,595.58	2,554.81	2,364.46	190.35	13.422		
15,400.00	7,251.75	13,210.89	7,162.01	236.77	170.72	-85.81	-2,539.87	-4,595.58	2,644.55	2,458.41	186.14	14.207		
15,500.00	7,252.00	13,210.89	7,162.01	239.59	170.72	-85.81	-2,539.87	-4,595.58	2,735.00	2,552.79	182.21	15.011		
15,600.00	7,252.25	13,210.89	7,162.01	242.42	170.72	-85.81	-2,539.87	-4,595.58	2,826.09	2,647.56	178.52	15.830		
15,700.00	7,252.50	13,210.89	7,162.01	245.24	170.72	-85.81	-2,539.87	-4,595.58	2,917.77	2,742.69	175.08	16.665		
15,800.00	7,252.75	13,210.89	7,162.01	248.07	170.72	-85.81	-2,539.87	-4,595.58	3,009.97	2,838.12	171.85	17.515		
15,900.00	7,253.00	13,210.89	7,162.01	250.90	170.72	-85.81	-2,539.87	-4,595.58	3,102.67	2,933.84	168.82	18.378		
16,000.00	7,253.25	13,210.89	7,162.01	253.73	170.72	-85.81	-2,539.87	-4,595.58	3,195.80	3,029.81	165.98	19.254		
16,100.00	7,253.49	13,210.89	7,162.01	256.56	170.72	-85.81	-2,539.87	-4,595.58	3,289.33	3,126.01	163.32	20.141		
16,200.00	7,253.74	13,210.89	7,162.01	259.39	170.72	-85.81	-2,539.87	-4,595.58	3,383.23	3,222.43	160.81	21.039		
16,300.00	7,253.99	13,210.89	7,162.01	262.22	170.72	-85.81	-2,539.87	-4,595.58	3,477.48	3,319.03	158.45	21.947		
16,400.00	7,254.24	13,210.89	7,162.01	265.05	170.72	-85.81	-2,539.87	-4,595.58	3,572.04	3,415.81	156.23	22.864		
16,500.00	7,254.49	13,210.89	7,162.01	267.88	170.72	-85.81	-2,539.87	-4,595.58	3,666.88	3,512.75	154.14	23.790		
16,600.00	7,254.74	13,210.89	7,162.01	270.72	170.72	-85.81	-2,539.87	-4,595.58	3,761.99	3,609.83	152.16	24.724		
16,700.00	7,254.99	13,210.89	7,162.01	273.55	170.72	-85.81	-2,539.87	-4,595.58	3,857.36	3,707.06	150.30	25.665		
16,800.00	7,255.24	13,210.89	7,162.01	276.38	170.72	-85.81	-2,539.87	-4,595.58	3,952.94	3,804.41	148.54	26.612		
16,900.00	7,255.48	13,210.89	7,162.01	279.22	170.72	-85.81	-2,539.87	-4,595.58	4,048.75	3,901.87	146.87	27.566		
17,000.00	7,255.73	13,210.89	7,162.01	282.05	170.72	-85.81	-2,539.87	-4,595.58	4,144.75	3,999.45	145.30	28.525		
17,100.00	7,255.98	13,210.89	7,162.01	284.89	170.72	-85.81	-2,539.87	-4,595.58	4,240.93	4,097.12	143.81	29.490		
17,200.00	7,256.23	13,210.89	7,162.01	287.73	170.72	-85.81	-2,539.87	-4,595.58	4,337.29	4,194.89	142.40	30.459		
17,300.00	7,256.48	13,210.89	7,162.01	290.56	170.72	-85.81	-2,539.87	-4,595.58	4,433.81	4,292.75	141.06	31.432		
17,400.00	7,256.73	13,210.89	7,162.01	293.40	170.72	-85.81	-2,539.87	-4,595.58	4,530.48	4,390.69	139.79	32.409		
17,500.00	7,256.98	13,210.89	7,162.01	296.24	170.72	-85.81	-2,539.87	-4,595.58	4,627.29	4,488.71	138.58	33.390		
17,600.00	7,257.22	13,210.89	7,162.01	299.07	170.72	-85.81	-2,539.87	-4,595.58	4,724.24	4,586.80	137.44	34.373		
17,700.00	7,257.47	13,210.89	7,162.01	301.91	170.72	-85.81	-2,539.87	-4,595.58	4,821.31	4,684.96	136.35	35.359		
17,800.00	7,257.72	13,210.89	7,162.01	304.75	170.72	-85.81	-2,539.87	-4,595.58	4,918.50	4,783.18	135.32	36.348		
17,900.00	7,257.97	13,210.89	7,162.01	307.59	170.72	-85.81	-2,539.87	-4,595.58	5,015.79	4,881.46	134.33	37.339		
18,000.00	7,258.22	13,210.89	7,162.01	310.43	170.72	-85.81	-2,539.87	-4,595.58	5,113.19	4,979.80	133.39	38.331		
18,100.00	7,258.47	13,210.89	7,162.01	313.27	170.72	-85.81	-2,539.87	-4,595.58	5,210.69	5,078.19	132.50	39.326		
18,200.00	7,258.72	13,210.89	7,162.01	316.11	170.72	-85.81	-2,539.87	-4,595.58	5,308.29	5,176.64	131.65	40.321		
18,300.00	7,258.97	13,210.89	7,162.01	318.95	170.72	-85.81	-2,539.87	-4,595.58	5,405.97	5,275.13	130.84	41.318		
18,400.00	7,259.21	13,210.89	7,162.01	321.79	170.72	-85.81	-2,539.87	-4,595.58	5,503.73	5,373.67	130.07	42.315		
18,500.00	7,259.46	13,210.89	7,162.01	324.63	170.72	-85.81	-2,539.87	-4,595.58	5,601.58	5,472.25	129.33	43.313		
18,600.00	7,259.71	13,210.89	7,162.01	327.48	170.72	-85.81	-2,539.87	-4,595.58	5,699.50	5,570.87	128.62	44.312		
18,700.00	7,259.96	13,210.89	7,162.01	330.32	170.72	-85.81	-2,539.87	-4,595.58	5,797.49	5,669.54	127.95	45.311		
18,800.00	7,260.21	13,210.89	7,162.01	333.16	170.72	-85.81	-2,539.87	-4,595.58	5,895.54	5,768.24	127.30	46.311		
18,900.00	7,260.46	13,210.89	7,162.01	336.00	170.72	-85.81	-2,539.87	-4,595.58	5,993.66	5,866.97	126.69	47.310		
19,000.00	7,260.71	13,210.89	7,162.01	338.85	170.72	-85.81	-2,539.87	-4,595.58	6,091.85	5,965.74	126.10	48.309		
19,100.00	7,260.95	13,210.89	7,162.01	341.69	170.72	-85.81	-2,539.87	-4,595.58	6,190.09	6,064.55	125.54	49.308		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 4N-14C-S - OH - Plan #1												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1												<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,118.22	7,261.00	13,210.89	7,162.01	342.21	170.72	-85.81	-2,539.87	-4,595.58	6,207.99	6,082.55	125.44	49.490	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	105.29	1.11	105.29					
100.00	100.00	100.00	100.00	3.28	3.28	0.61	105.29	1.11	105.29	98.73	6.57	16.028		
200.00	200.00	200.00	200.00	3.34	3.34	0.61	105.29	1.11	105.29	98.62	6.67	15.777		
233.24	233.24	233.24	233.24	3.37	3.37	0.71	105.29	1.31	105.29	98.56	6.73	15.638 CC		
300.00	300.00	299.97	299.95	3.44	3.44	1.55	105.27	2.86	105.31	98.42	6.89	15.290 ES		
400.00	399.98	399.75	399.59	3.60	3.60	-132.69	105.20	8.07	106.69	99.49	7.19	14.831		
500.00	499.84	499.28	498.73	3.79	3.80	-130.13	105.09	16.73	110.80	103.21	7.59	14.601		
600.00	599.45	598.42	597.14	4.03	4.05	-127.38	104.95	28.77	117.71	109.64	8.07	14.589		
700.00	698.70	697.10	694.61	4.30	4.33	-124.65	104.76	44.13	127.47	118.84	8.63	14.778		
800.00	797.47	795.20	790.93	4.60	4.65	-122.09	104.52	62.72	140.07	130.82	9.25	15.138		
900.00	895.62	906.75	886.58	4.94	5.05	-119.88	104.26	84.25	155.39	145.40	9.99	15.548		
1,000.00	993.06	1,008.28	982.53	5.32	5.45	-118.84	103.98	106.37	172.66	161.90	10.76	16.051		
1,100.00	1,089.64	1,089.90	1,078.20	5.73	5.78	-118.84	103.71	128.43	191.59	180.11	11.49	16.681		
1,131.50	1,119.87	1,120.75	1,108.26	5.87	5.91	-119.00	103.62	135.36	197.91	186.16	11.75	16.848		
1,200.00	1,185.51	1,187.78	1,173.58	6.18	6.20	-119.64	103.44	150.42	211.83	199.50	12.32	17.192		
1,300.00	1,281.33	1,285.64	1,268.94	6.65	6.64	-120.43	103.17	172.41	232.19	219.00	13.19	17.608		
1,400.00	1,377.14	1,383.50	1,364.30	7.13	7.08	-121.10	102.89	194.39	252.58	238.50	14.08	17.940		
1,500.00	1,472.96	1,481.36	1,459.65	7.63	7.53	-121.66	102.62	216.38	273.01	258.01	14.99	18.209		
1,600.00	1,568.78	1,579.22	1,555.01	8.14	7.99	-122.15	102.35	238.36	293.45	277.53	15.92	18.427		
1,700.00	1,664.60	1,677.08	1,650.37	8.66	8.46	-122.57	102.07	260.35	313.91	297.04	16.87	18.606		
1,800.00	1,760.41	1,774.94	1,745.72	9.19	8.93	-122.95	101.80	282.34	334.39	316.56	17.83	18.754		
1,900.00	1,856.23	1,872.80	1,841.08	9.73	9.41	-123.28	101.53	304.32	354.88	336.08	18.80	18.877		
2,000.00	1,952.05	1,970.65	1,936.44	10.27	9.89	-123.57	101.26	326.31	375.38	355.60	19.78	18.980		
2,100.00	2,047.86	2,068.51	2,031.79	10.81	10.37	-123.83	100.98	348.29	395.89	375.13	20.76	19.067		
2,200.00	2,143.68	2,166.37	2,127.15	11.36	10.86	-124.07	100.71	370.28	416.40	394.65	21.76	19.140		
2,300.00	2,239.50	2,264.23	2,222.51	11.92	11.35	-124.28	100.44	392.27	436.93	414.17	22.75	19.202		
2,400.00	2,335.32	2,362.09	2,317.87	12.47	11.84	-124.48	100.17	414.25	457.45	433.70	23.76	19.256		
2,500.00	2,431.13	2,459.95	2,413.22	13.03	12.33	-124.66	99.89	436.24	477.98	453.22	24.76	19.302		
2,600.00	2,526.95	2,557.81	2,508.58	13.59	12.83	-124.82	99.62	458.22	498.52	472.75	25.78	19.341		
2,700.00	2,622.77	2,655.67	2,603.94	14.15	13.33	-124.97	99.35	480.21	519.06	492.27	26.79	19.376		
2,800.00	2,718.59	2,753.53	2,699.29	14.72	13.83	-125.11	99.08	502.20	539.60	511.80	27.81	19.405		
2,900.00	2,814.40	2,851.39	2,794.65	15.29	14.33	-125.24	98.80	524.18	560.15	531.32	28.83	19.431		
3,000.00	2,910.22	2,949.25	2,890.01	15.85	14.83	-125.36	98.53	546.17	580.70	550.85	29.85	19.454		
3,100.00	3,006.04	3,047.11	2,985.37	16.42	15.33	-125.47	98.26	568.15	601.25	570.37	30.87	19.474		
3,200.00	3,101.85	3,144.96	3,080.72	16.99	15.83	-125.58	97.99	590.14	621.80	589.90	31.90	19.491		
3,300.00	3,197.67	3,242.82	3,176.08	17.56	16.33	-125.67	97.71	612.13	642.35	609.42	32.93	19.507		
3,400.00	3,293.49	3,340.68	3,271.44	18.14	16.84	-125.77	97.44	634.11	662.91	628.95	33.96	19.520		
3,500.00	3,389.31	3,438.54	3,366.79	18.71	17.34	-125.85	97.17	656.10	683.46	648.47	34.99	19.532		
3,600.00	3,485.12	3,536.40	3,462.15	19.28	17.85	-125.93	96.90	678.08	704.02	668.00	36.02	19.543		
3,700.00	3,580.94	3,634.26	3,557.51	19.86	18.35	-126.01	96.62	700.07	724.58	687.52	37.06	19.553		
3,800.00	3,676.76	3,732.12	3,652.86	20.43	18.86	-126.08	96.35	722.06	745.14	707.05	38.09	19.561		
3,900.00	3,772.58	3,829.98	3,748.22	21.01	19.37	-126.15	96.08	744.04	765.71	726.58	39.13	19.568		
4,000.00	3,868.39	3,927.84	3,843.58	21.58	19.87	-126.22	95.81	766.03	786.27	746.10	40.17	19.575		
4,100.00	3,964.21	4,025.70	3,938.94	22.16	20.38	-126.28	95.53	788.01	806.83	765.63	41.21	19.581		
4,200.00	4,060.03	4,123.56	4,034.29	22.74	20.89	-126.34	95.26	810.00	827.40	785.15	42.24	19.586		
4,300.00	4,155.85	4,221.42	4,129.65	23.32	21.40	-126.39	94.99	831.99	847.96	804.68	43.28	19.591		
4,400.00	4,251.66	4,319.27	4,225.01	23.89	21.91	-126.44	94.72	853.97	868.53	824.20	44.32	19.595		
4,500.00	4,347.48	4,417.13	4,320.36	24.47	22.42	-126.49	94.44	875.96	889.10	843.73	45.37	19.598		
4,600.00	4,443.30	4,514.99	4,415.72	25.05	22.93	-126.54	94.17	897.94	909.66	863.26	46.41	19.602		
4,700.00	4,539.11	4,612.85	4,511.08	25.63	23.44	-126.59	93.90	919.93	930.23	882.78	47.45	19.605		
4,800.00	4,634.93	4,710.71	4,606.43	26.21	23.95	-126.63	93.63	941.91	950.80	902.31	48.49	19.607		
4,900.00	4,730.75	4,808.57	4,701.79	26.79	24.46	-126.68	93.35	963.90	971.37	921.83	49.54	19.609		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	4,906.43	4,797.15	27.37	24.97	-126.72	93.08	985.89	991.94	941.36	50.58	19.611		
5,100.00	4,922.38	5,004.29	4,892.51	27.95	25.48	-126.76	92.81	1,007.87	1,012.51	960.89	51.62	19.613		
5,200.00	5,018.20	5,102.15	4,987.86	28.53	25.99	-126.79	92.54	1,029.86	1,033.08	980.41	52.67	19.615		
5,300.00	5,114.02	5,200.01	5,083.22	29.11	26.50	-126.83	92.26	1,051.84	1,053.65	999.94	53.71	19.616		
5,400.00	5,209.84	5,302.13	5,178.58	29.69	27.03	-126.86	91.99	1,073.83	1,074.22	1,019.44	54.78	19.609		
5,500.00	5,305.65	5,404.27	5,273.93	30.27	27.57	-126.90	91.72	1,095.82	1,094.80	1,038.95	55.85	19.602		
5,600.00	5,401.47	5,506.42	5,369.29	30.86	28.10	-126.93	91.45	1,117.80	1,115.37	1,058.45	56.92	19.596		
5,700.00	5,497.29	5,591.90	5,465.10	31.44	28.55	-126.96	91.17	1,139.88	1,135.94	1,078.04	57.90	19.618		
5,800.00	5,593.10	5,695.01	5,566.03	32.02	29.07	-127.10	90.91	1,160.91	1,156.25	1,097.27	58.98	19.605		
5,900.00	5,688.92	5,797.99	5,667.53	32.60	29.56	-127.42	90.70	1,178.28	1,176.14	1,116.13	60.01	19.599		
6,000.00	5,784.74	5,900.57	5,769.19	33.18	30.03	-127.90	90.53	1,191.95	1,195.66	1,134.66	61.00	19.602		
6,100.00	5,880.56	6,002.49	5,870.62	33.76	30.46	-128.54	90.40	1,201.92	1,214.89	1,152.95	61.94	19.614		
6,200.00	5,976.37	6,103.51	5,971.43	34.35	30.87	-129.32	90.32	1,208.23	1,233.93	1,171.10	62.84	19.638		
6,300.00	6,072.19	6,203.38	6,071.26	34.93	31.26	-130.22	90.29	1,210.97	1,252.93	1,189.24	63.69	19.674		
6,400.00	6,168.01	6,300.13	6,168.01	35.51	31.61	-131.19	90.29	1,211.11	1,272.06	1,207.58	64.48	19.728		
6,500.00	6,263.83	6,404.05	6,263.83	36.09	31.99	-132.12	90.29	1,211.11	1,291.53	1,226.23	65.30	19.779		
6,600.00	6,359.64	6,508.24	6,359.64	36.68	32.37	-133.03	90.29	1,211.11	1,311.34	1,245.22	66.12	19.834		
6,700.00	6,455.46	6,587.58	6,455.46	37.26	32.66	-133.91	90.29	1,211.11	1,331.47	1,264.62	66.84	19.920		
6,733.48	6,487.54	6,619.66	6,487.54	37.45	32.77	-134.20	90.29	1,211.11	1,338.27	1,271.17	67.11	19.943		
6,750.00	6,503.41	6,635.53	6,503.41	37.55	32.83	-138.54	90.29	1,211.11	1,341.66	1,274.42	67.24	19.955		
6,800.00	6,551.83	6,683.95	6,551.83	37.82	33.01	-154.74	90.29	1,211.11	1,352.04	1,284.42	67.62	19.994		
6,850.00	6,600.62	6,732.74	6,600.62	38.05	33.19	-175.21	90.29	1,211.11	1,362.55	1,294.54	68.01	20.036		
6,900.00	6,649.47	6,777.77	6,649.47	38.25	33.35	163.39	90.36	1,209.78	1,373.16	1,304.81	68.34	20.093		
6,950.00	6,698.08	6,822.42	6,698.08	38.42	33.51	145.46	90.58	1,205.33	1,383.88	1,315.22	68.66	20.155		
7,000.00	6,746.15	6,867.05	6,734.01	38.57	33.67	132.30	90.96	1,197.79	1,394.65	1,325.66	68.99	20.216		
7,050.00	6,793.39	6,911.70	6,777.38	38.71	33.84	122.92	91.50	1,187.19	1,405.41	1,336.08	69.32	20.274		
7,100.00	6,839.50	6,956.42	6,819.95	38.84	34.01	116.09	92.20	1,173.55	1,416.08	1,346.40	69.67	20.324		
7,150.00	6,884.20	7,001.25	6,861.56	38.97	34.20	110.95	93.04	1,156.92	1,426.61	1,356.55	70.05	20.365		
7,200.00	6,927.21	7,046.22	6,902.03	39.11	34.41	106.94	94.03	1,137.34	1,436.92	1,366.46	70.46	20.392		
7,250.00	6,968.28	7,091.38	6,941.16	39.25	34.63	103.73	95.18	1,114.86	1,446.97	1,376.06	70.91	20.405		
7,300.00	7,007.13	7,136.76	6,978.79	39.41	34.87	101.10	96.46	1,089.53	1,456.69	1,385.29	71.41	20.400		
7,350.00	7,043.55	7,182.40	7,014.71	39.58	35.13	98.92	97.89	1,061.43	1,466.03	1,394.07	71.95	20.375		
7,400.00	7,077.29	7,228.34	7,048.73	39.77	35.42	97.08	99.45	1,030.62	1,474.92	1,402.37	72.55	20.328		
7,450.00	7,108.16	7,274.61	7,080.66	39.98	35.74	95.54	101.15	997.19	1,483.32	1,410.10	73.22	20.258		
7,500.00	7,135.96	7,321.24	7,110.30	40.22	36.09	94.24	102.97	961.25	1,491.18	1,417.23	73.96	20.162		
7,550.00	7,160.53	7,368.26	7,137.43	40.49	36.48	93.15	104.92	922.91	1,498.46	1,423.69	74.77	20.041		
7,600.00	7,181.70	7,415.68	7,161.86	40.79	36.90	92.25	106.98	882.33	1,505.10	1,429.44	75.66	19.893		
7,650.00	7,199.35	7,463.54	7,183.37	41.13	37.36	91.53	109.15	839.64	1,511.08	1,434.45	76.63	19.719		
7,700.00	7,213.38	7,511.85	7,201.77	41.51	37.87	90.97	111.41	795.05	1,516.35	1,438.67	77.68	19.521		
7,750.00	7,223.68	7,560.61	7,216.86	41.93	38.41	90.56	113.76	748.75	1,520.88	1,442.09	78.80	19.301		
7,800.00	7,230.21	7,609.84	7,228.44	42.38	38.99	90.29	116.19	700.97	1,524.66	1,444.67	79.99	19.061		
7,850.00	7,232.92	7,659.54	7,236.35	42.87	39.61	90.18	118.67	651.98	1,527.64	1,446.41	81.23	18.806		
7,858.69	7,233.00	7,668.23	7,237.34	42.95	39.72	90.17	119.11	643.36	1,528.08	1,446.62	81.45	18.760		
7,900.00	7,233.10	7,709.77	7,240.44	43.38	40.25	90.28	121.21	602.00	1,530.10	1,447.57	82.52	18.542		
8,000.00	7,233.35	7,809.95	7,241.12	44.56	41.62	90.30	126.29	501.95	1,534.96	1,449.68	85.27	18.001		
8,100.00	7,233.60	7,909.84	7,241.29	45.91	43.12	90.29	131.35	402.20	1,539.81	1,451.52	88.30	17.439		
8,200.00	7,233.85	8,009.72	7,241.46	47.41	44.76	90.29	136.42	302.45	1,544.67	1,453.09	91.58	16.867		
8,300.00	7,234.10	8,109.60	7,241.62	49.05	46.51	90.29	141.48	202.69	1,549.53	1,454.44	95.09	16.296		
8,400.00	7,234.35	8,209.48	7,241.79	50.81	48.39	90.28	146.55	102.94	1,554.39	1,455.57	98.82	15.729		
8,500.00	7,234.59	8,309.36	7,241.95	52.68	50.35	90.28	151.61	3.19	1,559.25	1,456.52	102.73	15.178		
8,600.00	7,234.84	8,409.25	7,242.12	54.65	52.39	90.27	156.68	-96.57	1,564.11	1,457.31	106.80	14.645		
8,700.00	7,235.09	8,509.13	7,242.29	56.70	54.51	90.27	161.74	-196.32	1,568.96	1,457.95	111.02	14.132		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 9C-9-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,235.34	8,609.01	7,242.45	58.82	56.70	90.27	166.80	-296.07	1,573.82	1,458.46	115.37	13.642		
8,900.00	7,235.59	8,708.89	7,242.62	61.01	58.94	90.26	171.87	-395.83	1,578.68	1,458.85	119.83	13.174		
9,000.00	7,235.84	8,808.77	7,242.79	63.25	61.23	90.26	176.93	-495.58	1,583.54	1,459.14	124.40	12.729		
9,100.00	7,236.09	8,908.65	7,242.95	65.55	63.58	90.25	182.00	-595.33	1,588.40	1,459.34	129.06	12.307		
9,200.00	7,236.34	9,008.54	7,243.12	67.89	65.96	90.25	187.06	-695.09	1,593.26	1,459.45	133.80	11.907		
9,300.00	7,236.58	9,108.42	7,243.28	70.27	68.38	90.25	192.13	-794.84	1,598.11	1,459.49	138.62	11.529		
9,400.00	7,236.83	9,208.30	7,243.45	72.69	70.84	90.24	197.19	-894.59	1,602.97	1,459.47	143.51	11.170		
9,500.00	7,237.08	9,308.18	7,243.62	75.14	73.32	90.24	202.25	-994.35	1,607.83	1,459.38	148.45	10.831		
9,600.00	7,237.33	9,408.06	7,243.78	77.62	75.84	90.24	207.32	-1,094.10	1,612.69	1,459.24	153.45	10.510		
9,700.00	7,237.58	9,507.95	7,243.95	80.12	78.37	90.23	212.38	-1,193.85	1,617.55	1,459.05	158.50	10.205		
9,800.00	7,237.83	9,607.83	7,244.12	82.65	80.93	90.23	217.45	-1,293.61	1,622.41	1,458.81	163.59	9.917		
9,900.00	7,238.08	9,707.71	7,244.28	85.20	83.51	90.23	222.51	-1,393.36	1,627.26	1,458.54	168.72	9.645		
10,000.00	7,238.32	9,807.59	7,244.45	87.77	86.11	90.22	227.57	-1,493.11	1,632.12	1,458.23	173.90	9.386		
10,100.00	7,238.57	9,907.47	7,244.61	90.36	88.72	90.22	232.64	-1,592.87	1,636.98	1,457.88	179.10	9.140		
10,200.00	7,238.82	10,007.36	7,244.78	92.97	91.35	90.22	237.70	-1,692.62	1,641.84	1,457.50	184.34	8.907		
10,300.00	7,239.07	10,107.24	7,244.95	95.59	94.00	90.21	242.77	-1,792.37	1,646.70	1,457.10	189.60	8.685		
10,400.00	7,239.32	10,207.12	7,245.11	98.22	96.65	90.21	247.83	-1,892.13	1,651.56	1,456.67	194.89	8.474		
10,500.00	7,239.57	10,307.00	7,245.28	100.87	99.32	90.20	252.90	-1,991.88	1,656.41	1,456.21	200.20	8.274		
10,600.00	7,239.82	10,406.88	7,245.45	103.52	102.00	90.20	257.96	-2,091.63	1,661.27	1,455.73	205.54	8.082		
10,700.00	7,240.07	10,506.76	7,245.61	106.19	104.69	90.20	263.02	-2,191.39	1,666.13	1,455.23	210.90	7.900		
10,800.00	7,240.31	10,606.65	7,245.78	108.87	107.39	90.19	268.09	-2,291.14	1,670.99	1,454.72	216.27	7.726		
10,900.00	7,240.56	10,706.53	7,245.95	111.56	110.10	90.19	273.15	-2,390.89	1,675.85	1,454.18	221.67	7.560		
11,000.00	7,240.81	10,806.41	7,246.11	114.25	112.82	90.19	278.22	-2,490.65	1,680.71	1,453.63	227.08	7.401		
11,100.00	7,241.06	10,906.29	7,246.28	116.96	115.54	90.18	283.28	-2,590.40	1,685.56	1,453.06	232.50	7.250		
11,200.00	7,241.31	11,006.17	7,246.44	119.67	118.27	90.18	288.35	-2,690.15	1,690.42	1,452.48	237.94	7.104		
11,300.00	7,241.56	11,106.06	7,246.61	122.39	121.01	90.18	293.41	-2,789.90	1,695.28	1,451.89	243.39	6.965		
11,400.00	7,241.81	11,205.94	7,246.78	125.11	123.75	90.17	298.47	-2,889.66	1,700.14	1,451.28	248.86	6.832		
11,500.00	7,242.06	11,305.82	7,246.94	127.84	126.50	90.17	303.54	-2,989.41	1,705.00	1,450.66	254.33	6.704		
11,600.00	7,242.30	11,405.70	7,247.10	130.58	131.90	90.17	308.62	-3,089.16	1,709.86	1,449.99	259.80	6.576		
11,700.00	7,242.55	11,505.58	7,247.26	133.32	136.00	90.16	313.70	-3,188.91	1,714.72	1,449.27	265.27	6.448		
11,800.00	7,242.80	11,605.46	7,247.42	136.07	138.74	90.16	318.78	-3,288.66	1,719.58	1,448.55	270.74	6.320		
11,900.00	7,243.05	11,705.34	7,247.58	138.82	141.47	90.16	323.86	-3,388.41	1,724.44	1,447.83	276.21	6.192		
12,000.00	7,243.30	11,805.22	7,247.74	141.58	144.22	90.16	328.94	-3,488.16	1,729.30	1,447.11	281.68	6.064		
12,100.00	7,243.55	12,005.10	7,247.90	144.34	146.96	90.16	334.02	-3,587.91	1,734.16	1,446.39	287.15	5.936		
12,200.00	7,243.80	12,105.00	7,248.06	147.10	149.71	90.15	339.10	-3,687.66	1,739.02	1,445.67	292.62	5.808		
12,300.00	7,244.04	12,204.88	7,248.22	149.87	152.47	90.15	344.18	-3,787.41	1,743.88	1,444.95	298.09	5.680		
12,400.00	7,244.29	12,304.76	7,248.38	152.64	155.22	90.15	349.26	-3,887.16	1,748.74	1,444.23	303.56	5.552		
12,500.00	7,244.54	12,404.64	7,248.54	155.41	157.98	90.15	354.34	-3,986.91	1,753.60	1,443.51	309.03	5.424		
12,600.00	7,244.79	12,504.52	7,248.70	158.19	160.75	90.15	359.42	-4,086.66	1,758.46	1,442.79	314.50	5.296		
12,700.00	7,245.04	12,604.40	7,248.86	160.97	163.51	90.14	364.50	-4,186.41	1,763.32	1,442.07	320.00	5.168		
12,800.00	7,245.29	12,704.28	7,249.02	163.75	166.28	90.14	369.58	-4,286.16	1,768.18	1,441.35	325.47	5.040		
12,900.00	7,245.54	12,804.16	7,249.18	166.54	169.05	90.14	374.66	-4,385.91	1,773.04	1,440.63	330.94	4.912		
13,000.00	7,245.79	12,904.04	7,249.34	169.33	171.83	90.14	379.74	-4,485.66	1,777.90	1,439.91	336.41	4.784		
13,100.00	7,246.03	13,003.92	7,249.50	172.12	174.60	90.14	384.82	-4,585.41	1,782.76	1,439.19	341.88	4.656		
13,200.00	7,246.28	13,103.80	7,249.66	174.91	177.38	90.13	389.90	-4,685.16	1,787.62	1,438.47	347.35	4.528		
13,300.00	7,246.53	13,203.68	7,249.82	177.71	180.16	90.13	394.98	-4,784.91	1,792.48	1,437.75	352.82	4.400		
13,400.00	7,246.78	13,303.56	7,250.00	180.50	182.94	90.13	400.06	-4,884.66	1,797.34	1,437.03	358.29	4.272		
13,500.00	7,247.03	13,403.44	7,250.16	183.30	185.73	90.13	405.14	-4,984.41	1,802.20	1,436.31	363.76	4.144		
13,600.00	7,247.28	13,503.32	7,250.32	186.10	188.51	90.13	410.22	-5,084.16	1,807.06	1,435.59	369.23	4.016		
13,700.00	7,247.53	13,603.20	7,250.48	188.91	191.30	90.12	415.30	-5,183.91	1,811.92	1,434.87	374.70	3.888		
13,800.00	7,247.77	13,703.08	7,250.64	191.71	194.09	90.12	420.38	-5,283.66	1,816.78	1,434.15	380.17	3.760		
13,900.00	7,248.02	13,802.96	7,250.80	194.52	196.88	90.12	425.46	-5,383.41	1,821.64	1,433.43	385.64	3.632		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	13,950.63	7,251.74	197.32	199.67	90.12	224.29	-5,632.64	1,619.25	1,222.81	396.44	4.084		
14,100.00	7,248.52	14,050.56	7,251.92	200.13	202.47	90.12	220.78	-5,732.51	1,615.53	1,213.49	402.05	4.018		
14,200.00	7,248.77	14,150.49	7,252.11	202.94	205.26	90.11	217.28	-5,832.37	1,611.81	1,204.16	407.66	3.954		
14,300.00	7,249.02	14,250.42	7,252.29	205.76	208.06	90.11	213.77	-5,932.24	1,608.09	1,194.83	413.27	3.891		
14,400.00	7,249.27	14,350.35	7,252.47	208.57	210.86	90.11	210.27	-6,032.11	1,604.38	1,185.49	418.88	3.830		
14,500.00	7,249.52	14,450.28	7,252.65	211.38	213.66	90.11	206.76	-6,131.98	1,600.66	1,176.16	424.50	3.771		
14,600.00	7,249.76	14,550.22	7,252.84	214.20	216.46	90.10	203.26	-6,231.85	1,596.94	1,166.82	430.12	3.713		
14,700.00	7,250.01	14,650.15	7,253.02	217.02	219.26	90.10	199.75	-6,331.72	1,593.22	1,157.48	435.74	3.656		
14,800.00	7,250.26	14,750.08	7,253.20	219.84	222.06	90.10	196.25	-6,431.59	1,589.50	1,148.14	441.36	3.601		
14,900.00	7,250.51	14,850.01	7,253.38	222.65	224.87	90.10	192.74	-6,531.46	1,585.78	1,138.79	446.99	3.548		
15,000.00	7,250.76	14,949.94	7,253.57	225.48	227.67	90.10	189.24	-6,631.33	1,582.06	1,129.45	452.61	3.495		
15,100.00	7,251.01	15,049.87	7,253.75	228.30	230.48	90.09	185.73	-6,731.20	1,578.34	1,120.10	458.24	3.444		
15,200.00	7,251.26	15,149.80	7,253.93	231.12	233.29	90.09	182.23	-6,831.07	1,574.63	1,110.75	463.88	3.395		
15,300.00	7,251.50	15,249.73	7,254.11	233.94	236.09	90.09	178.72	-6,930.94	1,570.91	1,101.40	469.51	3.346		
15,400.00	7,251.75	15,349.66	7,254.29	236.77	238.90	90.09	175.22	-7,030.80	1,567.19	1,092.04	475.14	3.298		
15,500.00	7,252.00	15,449.59	7,254.48	239.59	241.71	90.09	171.71	-7,130.67	1,563.47	1,082.69	480.78	3.252		
15,600.00	7,252.25	15,549.52	7,254.66	242.42	244.52	90.08	168.21	-7,230.54	1,559.75	1,073.33	486.42	3.207		
15,700.00	7,252.50	15,649.45	7,254.84	245.24	247.34	90.08	164.70	-7,330.41	1,556.03	1,063.97	492.06	3.162		
15,800.00	7,252.75	15,749.38	7,255.02	248.07	250.15	90.08	161.20	-7,430.28	1,552.31	1,054.61	497.70	3.119		
15,900.00	7,253.00	15,849.32	7,255.21	250.90	252.96	90.08	157.70	-7,530.15	1,548.59	1,045.25	503.34	3.077		
16,000.00	7,253.25	15,949.25	7,255.39	253.73	255.77	90.07	154.19	-7,630.02	1,544.87	1,035.89	508.98	3.035		
16,100.00	7,253.49	16,049.18	7,255.57	256.56	258.59	90.07	150.69	-7,729.89	1,541.16	1,026.53	514.63	2.995		
16,200.00	7,253.74	16,149.11	7,255.75	259.39	261.40	90.07	147.18	-7,829.76	1,537.44	1,017.16	520.27	2.955		
16,300.00	7,253.99	16,249.04	7,255.93	262.22	264.22	90.07	143.68	-7,929.63	1,533.72	1,007.80	525.92	2.916		
16,400.00	7,254.24	16,348.97	7,256.12	265.05	267.03	90.07	140.17	-8,029.50	1,530.00	998.43	531.57	2.878		
16,500.00	7,254.49	16,448.90	7,256.30	267.88	269.85	90.06	136.67	-8,129.37	1,526.28	989.06	537.22	2.841		
16,600.00	7,254.74	16,548.83	7,256.48	270.72	272.67	90.06	133.16	-8,229.23	1,522.56	979.69	542.87	2.805		
16,700.00	7,254.99	16,648.76	7,256.66	273.55	275.49	90.06	129.66	-8,329.10	1,518.84	970.32	548.52	2.769		
16,800.00	7,255.24	16,748.69	7,256.85	276.38	278.31	90.06	126.15	-8,428.97	1,515.12	960.95	554.18	2.734		
16,900.00	7,255.48	16,848.62	7,257.03	279.22	281.13	90.05	122.65	-8,528.84	1,511.41	951.57	559.83	2.700		
17,000.00	7,255.73	16,948.55	7,257.21	282.05	283.95	90.05	119.14	-8,628.71	1,507.69	942.20	565.49	2.666		
17,100.00	7,255.98	17,048.48	7,257.39	284.89	286.77	90.05	115.64	-8,728.58	1,503.97	932.82	571.14	2.633		
17,200.00	7,256.23	17,148.42	7,257.58	287.73	289.59	90.05	112.13	-8,828.45	1,500.25	923.45	576.80	2.601		
17,300.00	7,256.48	17,248.35	7,257.76	290.56	292.41	90.04	108.63	-8,928.32	1,496.53	914.07	582.46	2.569		
17,400.00	7,256.73	17,348.28	7,257.94	293.40	295.23	90.04	105.12	-9,028.19	1,492.81	904.69	588.12	2.538		
17,500.00	7,256.98	17,448.21	7,258.12	296.24	298.05	90.04	101.62	-9,128.06	1,489.09	895.31	593.78	2.508		
17,600.00	7,257.22	17,548.14	7,258.30	299.07	300.87	90.04	98.12	-9,227.93	1,485.37	885.94	599.44	2.478		
17,700.00	7,257.47	17,648.07	7,258.49	301.91	303.70	90.03	94.61	-9,327.80	1,481.65	876.55	605.10	2.449		
17,800.00	7,257.72	17,748.00	7,258.67	304.75	306.52	90.03	91.11	-9,427.66	1,477.94	867.17	610.76	2.420		
17,900.00	7,257.97	17,847.93	7,258.85	307.59	309.34	90.03	87.60	-9,527.53	1,474.22	857.79	616.43	2.392		
18,000.00	7,258.22	17,947.86	7,259.03	310.43	312.17	90.03	84.10	-9,627.40	1,470.50	848.41	622.09	2.364		
18,100.00	7,258.47	18,047.79	7,259.22	313.27	314.99	90.02	80.59	-9,727.27	1,466.78	839.03	627.75	2.337		
18,200.00	7,258.72	18,147.72	7,259.40	316.11	317.82	90.02	77.09	-9,827.14	1,463.06	829.64	633.42	2.310		
18,300.00	7,258.97	18,247.66	7,259.58	318.95	320.64	90.02	73.58	-9,927.01	1,459.34	820.26	639.09	2.283		
18,400.00	7,259.21	18,347.59	7,259.76	321.79	323.47	90.02	70.08	-10,026.88	1,455.62	810.87	644.75	2.258		
18,500.00	7,259.46	18,447.52	7,259.95	324.63	326.30	90.01	66.57	-10,126.75	1,451.90	801.49	650.42	2.232		
18,600.00	7,259.71	18,547.45	7,260.13	327.48	329.12	90.01	63.07	-10,226.62	1,448.19	792.10	656.09	2.207		
18,700.00	7,259.96	18,647.38	7,260.31	330.32	331.95	90.01	59.56	-10,326.49	1,444.47	782.71	661.76	2.183		
18,800.00	7,260.21	18,747.31	7,260.49	333.16	334.78	90.01	56.06	-10,426.36	1,440.75	773.32	667.42	2.159		
18,900.00	7,260.46	18,847.24	7,260.67	336.00	337.60	90.00	52.55	-10,526.23	1,437.03	763.93	673.09	2.135		
19,000.00	7,260.71	18,947.17	7,260.86	338.85	340.43	90.00	49.05	-10,626.09	1,433.31	754.55	678.77	2.112		
19,100.00	7,260.95	19,047.10	7,261.00	341.69	342.66	90.00	46.29	-10,704.79	1,429.75	745.60	684.15	2.090		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Falken 9C-9-L - OH - Plan #1												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 0-MWD+IFR1												<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,118.22	7,261.00	19,025.91	7,261.00	342.21	342.66	90.00	46.29	-10,704.79	1,429.46	744.65	684.81	2.087 SF	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	120.22	1.11	120.23					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	120.22	1.11	120.23	113.66	6.57	18.301		
200.00	200.00	200.00	200.00	3.34	3.34	0.53	120.22	1.11	120.23	113.55	6.67	18.014 CC, ES		
300.00	300.00	299.20	299.18	3.44	3.44	1.33	120.52	2.80	120.55	113.67	6.89	17.504		
400.00	399.98	398.21	398.05	3.60	3.60	-133.25	121.41	7.86	122.87	115.68	7.19	17.078		
500.00	499.84	496.89	496.36	3.79	3.80	-131.14	122.89	16.25	128.50	120.91	7.59	16.928		
600.00	599.45	595.08	593.83	4.03	4.04	-128.91	124.94	27.90	137.49	129.42	8.07	17.034		
700.00	698.70	692.65	690.23	4.30	4.32	-126.73	127.56	42.73	149.85	141.22	8.63	17.369		
800.00	797.47	789.53	785.38	4.60	4.63	-124.69	130.72	60.64	165.54	156.29	9.25	17.902		
900.00	895.62	887.78	881.59	4.94	4.97	-123.36	134.18	80.27	183.85	173.92	9.92	18.525		
1,000.00	993.06	985.72	977.48	5.32	5.34	-123.02	137.63	99.85	204.06	193.41	10.65	19.158		
1,100.00	1,089.64	1,083.20	1,072.94	5.73	5.73	-123.41	141.07	119.33	226.15	214.73	11.42	19.799		
1,131.50	1,119.87	1,113.80	1,102.90	5.87	5.85	-123.64	142.14	125.45	233.51	221.83	11.67	20.001		
1,200.00	1,185.51	1,180.27	1,167.98	6.18	6.13	-124.43	144.49	138.73	249.74	237.51	12.23	20.421		
1,300.00	1,281.33	1,277.30	1,263.00	6.65	6.54	-125.41	147.91	158.13	273.51	260.44	13.06	20.935		
1,400.00	1,377.14	1,374.34	1,358.02	7.13	6.96	-126.23	151.33	177.52	297.34	283.41	13.92	21.354		
1,500.00	1,472.96	1,471.38	1,453.04	7.63	7.39	-126.93	154.75	196.92	321.22	306.41	14.80	21.697		
1,600.00	1,568.78	1,568.42	1,548.05	8.14	7.83	-127.54	158.17	216.32	345.14	329.43	15.70	21.981		
1,700.00	1,664.60	1,665.45	1,643.07	8.66	8.28	-128.06	161.59	235.71	369.09	352.47	16.61	22.217		
1,800.00	1,760.41	1,762.49	1,738.09	9.19	8.73	-128.52	165.01	255.11	393.06	375.53	17.54	22.415		
1,900.00	1,856.23	1,859.53	1,833.11	9.73	9.18	-128.93	168.43	274.50	417.06	398.59	18.47	22.583		
2,000.00	1,952.05	1,956.57	1,928.13	10.27	9.64	-129.30	171.85	293.90	441.07	421.67	19.41	22.725		
2,100.00	2,047.86	2,053.60	2,023.14	10.81	10.10	-129.62	175.27	313.29	465.11	444.75	20.36	22.846		
2,200.00	2,143.68	2,150.64	2,118.16	11.36	10.56	-129.92	178.69	332.69	489.15	467.84	21.31	22.951		
2,300.00	2,239.50	2,247.68	2,213.18	11.92	11.02	-130.18	182.11	352.08	513.20	490.93	22.27	23.041		
2,400.00	2,335.32	2,344.72	2,308.20	12.47	11.49	-130.43	185.53	371.48	537.27	514.03	23.24	23.120		
2,500.00	2,431.13	2,441.75	2,403.21	13.03	11.96	-130.65	188.95	390.87	561.34	537.13	24.21	23.188		
2,600.00	2,526.95	2,538.79	2,498.23	13.59	12.43	-130.85	192.37	410.27	585.42	560.24	25.18	23.248		
2,700.00	2,622.77	2,635.83	2,593.25	14.15	12.90	-131.04	195.79	429.66	609.50	583.35	26.16	23.301		
2,800.00	2,718.59	2,732.87	2,688.27	14.72	13.38	-131.22	199.21	449.06	633.59	606.46	27.14	23.348		
2,900.00	2,814.40	2,829.90	2,783.29	15.29	13.85	-131.38	202.63	468.45	657.69	629.57	28.12	23.390		
3,000.00	2,910.22	2,926.94	2,878.30	15.85	14.33	-131.53	206.05	487.85	681.79	652.69	29.10	23.427		
3,100.00	3,006.04	3,023.98	2,973.32	16.42	14.81	-131.66	209.47	507.25	705.90	675.81	30.09	23.460		
3,200.00	3,101.85	3,121.02	3,068.34	16.99	15.28	-131.79	212.89	526.64	730.01	698.93	31.08	23.490		
3,300.00	3,197.67	3,218.05	3,163.36	17.56	15.76	-131.92	216.31	546.04	754.12	722.05	32.07	23.517		
3,400.00	3,293.49	3,315.09	3,258.38	18.14	16.24	-132.03	219.73	565.43	778.23	745.17	33.06	23.541		
3,500.00	3,389.31	3,412.13	3,353.39	18.71	16.72	-132.14	223.15	584.83	802.35	768.30	34.05	23.563		
3,600.00	3,485.12	3,509.16	3,448.41	19.28	17.20	-132.24	226.57	604.22	826.47	791.43	35.05	23.582		
3,700.00	3,580.94	3,606.20	3,543.43	19.86	17.68	-132.33	229.99	623.62	850.59	814.55	36.04	23.600		
3,800.00	3,676.76	3,703.24	3,638.45	20.43	18.17	-132.42	233.41	643.01	874.72	837.68	37.04	23.616		
3,900.00	3,772.58	3,800.28	3,733.46	21.01	18.65	-132.51	236.83	662.41	898.85	860.81	38.04	23.631		
4,000.00	3,868.39	3,902.69	3,828.48	21.58	19.16	-132.59	240.25	681.80	922.97	883.91	39.06	23.629		
4,100.00	3,964.21	4,005.65	3,923.50	22.16	19.67	-132.67	243.67	701.20	947.10	907.01	40.09	23.624		
4,200.00	4,060.03	4,108.61	4,018.52	22.74	20.18	-132.74	247.09	720.59	971.24	930.12	41.12	23.619		
4,300.00	4,155.85	4,188.43	4,113.54	23.32	20.58	-132.81	250.51	739.99	995.37	953.33	42.04	23.679		
4,400.00	4,251.66	4,285.46	4,208.55	23.89	21.07	-132.88	253.92	759.38	1,019.50	976.47	43.04	23.688		
4,500.00	4,347.48	4,382.50	4,303.57	24.47	21.55	-132.94	257.34	778.78	1,043.64	999.60	44.04	23.697		
4,600.00	4,443.30	4,479.54	4,398.59	25.05	22.04	-133.00	260.76	798.18	1,067.78	1,022.73	45.04	23.705		
4,700.00	4,539.11	4,576.58	4,493.61	25.63	22.52	-133.06	264.18	817.57	1,091.91	1,045.87	46.05	23.713		
4,800.00	4,634.93	4,673.61	4,588.62	26.21	23.01	-133.11	267.60	836.97	1,116.05	1,069.00	47.05	23.720		
4,900.00	4,730.75	4,770.65	4,683.64	26.79	23.49	-133.16	271.02	856.36	1,140.19	1,092.14	48.06	23.726		
5,000.00	4,826.57	4,867.69	4,778.66	27.37	23.98	-133.21	274.44	875.76	1,164.33	1,115.27	49.06	23.732		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	4,964.73	4,873.68	27.95	24.46	-133.26	277.86	895.15	1,188.47	1,138.41	50.07	23.738		
5,200.00	5,018.20	5,061.76	4,968.70	28.53	24.95	-133.31	281.28	914.55	1,212.62	1,161.54	51.07	23.743		
5,300.00	5,114.02	5,158.80	5,063.71	29.11	25.43	-133.35	284.70	933.94	1,236.76	1,184.68	52.08	23.747		
5,400.00	5,209.84	5,255.84	5,158.73	29.69	25.92	-133.40	288.12	953.34	1,260.90	1,207.82	53.09	23.752		
5,500.00	5,305.65	5,352.88	5,253.75	30.27	26.41	-133.44	291.54	972.73	1,285.05	1,230.95	54.09	23.756		
5,600.00	5,401.47	5,449.91	5,348.77	30.86	26.89	-133.48	294.96	992.13	1,309.19	1,254.09	55.10	23.760		
5,700.00	5,497.29	5,546.95	5,443.79	31.44	27.38	-133.52	298.38	1,011.52	1,333.34	1,277.23	56.11	23.763		
5,800.00	5,593.10	5,643.99	5,538.80	32.02	27.87	-133.55	301.80	1,030.92	1,357.48	1,300.36	57.12	23.766		
5,900.00	5,688.92	5,741.03	5,633.82	32.60	28.36	-133.59	305.22	1,050.32	1,381.63	1,323.50	58.13	23.769		
6,000.00	5,784.74	5,838.06	5,728.84	33.18	28.84	-133.62	308.64	1,069.71	1,405.78	1,346.64	59.14	23.772		
6,100.00	5,880.56	5,935.10	5,823.86	33.76	29.33	-133.66	312.06	1,089.11	1,429.92	1,369.78	60.14	23.775		
6,200.00	5,976.37	6,032.14	5,918.87	34.35	29.82	-133.69	315.48	1,108.50	1,454.07	1,392.92	61.15	23.777		
6,300.00	6,072.19	6,129.18	6,013.89	34.93	30.31	-133.72	318.90	1,127.90	1,478.22	1,416.06	62.16	23.779		
6,400.00	6,168.01	6,226.21	6,108.91	35.51	30.79	-133.75	322.32	1,147.29	1,502.37	1,439.19	63.17	23.782		
6,500.00	6,263.83	6,323.25	6,203.93	36.09	31.28	-133.78	325.74	1,166.69	1,526.52	1,462.33	64.18	23.783		
6,600.00	6,359.64	6,420.29	6,298.95	36.68	31.77	-133.81	329.16	1,186.08	1,550.67	1,485.47	65.19	23.785		
6,700.00	6,455.46	6,516.94	6,393.69	37.26	32.25	-133.86	332.59	1,204.84	1,574.82	1,508.63	66.19	23.791		
6,733.48	6,487.54	6,548.81	6,425.25	37.45	32.40	-133.95	333.77	1,209.10	1,582.92	1,516.41	66.51	23.801		
6,750.00	6,503.41	6,564.45	6,440.80	37.55	32.46	-138.28	334.36	1,210.61	1,586.93	1,520.28	66.65	23.809		
6,800.00	6,551.83	6,611.53	6,487.79	37.82	32.65	-154.53	336.20	1,212.84	1,599.24	1,532.18	67.06	23.847		
6,850.00	6,600.62	6,658.29	6,534.48	38.05	32.83	-175.22	338.11	1,211.61	1,611.72	1,544.29	67.43	23.903		
6,900.00	6,649.47	6,704.77	6,580.68	38.25	32.99	163.08	340.06	1,206.99	1,624.29	1,556.53	67.76	23.971		
6,950.00	6,698.08	6,751.02	6,626.19	38.42	33.16	144.85	342.05	1,199.06	1,636.87	1,568.78	68.08	24.042		
7,000.00	6,746.15	6,797.08	6,670.82	38.57	33.34	131.39	344.07	1,187.90	1,649.38	1,580.97	68.41	24.111		
7,050.00	6,793.39	6,843.01	6,714.40	38.71	33.52	121.73	346.12	1,173.59	1,661.74	1,592.99	68.74	24.174		
7,100.00	6,839.50	6,888.84	6,756.75	38.84	33.71	114.64	348.18	1,156.21	1,673.87	1,604.78	69.09	24.226		
7,150.00	6,884.20	6,934.62	6,797.69	38.97	33.91	109.24	350.25	1,135.84	1,685.70	1,616.23	69.47	24.266		
7,200.00	6,927.21	6,980.38	6,837.04	39.11	34.13	104.99	352.31	1,112.60	1,697.15	1,627.28	69.87	24.290		
7,250.00	6,968.28	7,026.17	6,874.65	39.25	34.37	101.55	354.36	1,086.57	1,708.16	1,637.85	70.31	24.294		
7,300.00	7,007.13	7,072.01	6,910.32	39.41	34.63	98.72	356.38	1,057.87	1,718.65	1,647.86	70.79	24.277		
7,350.00	7,043.55	7,117.94	6,943.90	39.58	34.91	96.35	358.38	1,026.61	1,728.57	1,657.24	71.33	24.234		
7,400.00	7,077.29	7,163.98	6,975.21	39.77	35.22	94.34	360.33	992.93	1,737.84	1,665.92	71.92	24.164		
7,450.00	7,108.16	7,210.14	7,004.08	39.98	35.55	92.65	362.23	956.96	1,746.42	1,673.84	72.57	24.065		
7,500.00	7,135.96	7,256.46	7,030.34	40.22	35.92	91.21	364.07	918.88	1,754.24	1,680.95	73.30	23.934		
7,550.00	7,160.53	7,302.93	7,053.84	40.49	36.32	90.00	365.84	878.83	1,761.28	1,687.18	74.09	23.771		
7,600.00	7,181.70	7,349.57	7,074.43	40.79	36.76	89.01	367.53	837.03	1,767.47	1,692.50	74.97	23.576		
7,650.00	7,199.35	7,396.39	7,091.97	41.13	37.23	88.20	369.13	793.66	1,772.79	1,696.87	75.93	23.349		
7,700.00	7,213.38	7,443.37	7,106.31	41.51	37.74	87.57	370.63	748.96	1,777.21	1,700.25	76.96	23.094		
7,750.00	7,223.68	7,490.53	7,117.36	41.93	38.28	87.11	372.02	703.14	1,780.69	1,702.63	78.06	22.813		
7,800.00	7,230.21	7,537.86	7,125.01	42.38	38.85	86.82	373.29	656.47	1,783.21	1,703.99	79.22	22.510		
7,850.00	7,232.92	7,585.34	7,129.18	42.87	39.44	86.69	374.43	609.20	1,784.77	1,704.34	80.43	22.190		
7,858.69	7,233.00	7,593.61	7,129.55	42.95	39.54	86.68	374.61	600.94	1,784.94	1,704.29	80.65	22.133		
7,900.00	7,233.10	7,633.77	7,130.03	43.38	40.07	86.69	375.46	560.79	1,785.70	1,704.00	81.70	21.856		
8,000.00	7,233.35	7,733.75	7,130.23	44.56	41.47	86.69	377.53	460.83	1,787.55	1,703.07	84.48	21.159		
8,100.00	7,233.60	7,833.74	7,130.42	45.91	43.01	86.70	379.60	360.86	1,789.41	1,701.87	87.54	20.441		
8,200.00	7,233.85	7,933.72	7,130.61	47.41	44.68	86.70	381.66	260.90	1,791.27	1,700.41	90.86	19.715		
8,300.00	7,234.10	8,033.70	7,130.81	49.05	46.47	86.70	383.73	160.94	1,793.12	1,698.72	94.41	18.994		
8,400.00	7,234.35	8,133.69	7,131.00	50.81	48.36	86.70	385.80	60.98	1,794.98	1,696.82	98.16	18.286		
8,500.00	7,234.59	8,233.67	7,131.19	52.68	50.34	86.70	387.87	-38.98	1,796.84	1,694.74	102.09	17.600		
8,600.00	7,234.84	8,333.65	7,131.39	54.65	52.41	86.70	389.93	-138.94	1,798.69	1,692.50	106.19	16.938		
8,700.00	7,235.09	8,433.63	7,131.58	56.70	54.54	86.71	392.00	-238.90	1,800.55	1,690.12	110.43	16.304		
8,800.00	7,235.34	8,533.62	7,131.78	58.82	56.75	86.71	394.07	-338.86	1,802.41	1,687.60	114.80	15.700		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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+HFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,235.59	8,633.60	7,131.97	61.01	59.01	86.71	396.14	-438.82	1,804.26	1,684.98	119.29	15.125		
9,000.00	7,235.84	8,733.58	7,132.16	63.25	61.32	86.71	398.21	-538.79	1,806.12	1,682.25	123.87	14.580		
9,100.00	7,236.09	8,833.56	7,132.36	65.55	63.67	86.71	400.27	-638.75	1,807.98	1,679.43	128.55	14.064		
9,200.00	7,236.34	8,933.55	7,132.55	67.89	66.07	86.71	402.34	-738.71	1,809.83	1,676.53	133.31	13.576		
9,300.00	7,236.58	9,033.53	7,132.75	70.27	68.50	86.72	404.41	-838.67	1,811.69	1,673.55	138.14	13.115		
9,400.00	7,236.83	9,133.51	7,132.94	72.69	70.96	86.72	406.48	-938.63	1,813.55	1,670.51	143.04	12.679		
9,500.00	7,237.08	9,233.50	7,133.13	75.14	73.46	86.72	408.55	-1,038.59	1,815.40	1,667.41	147.99	12.267		
9,600.00	7,237.33	9,333.48	7,133.33	77.62	75.98	86.72	410.61	-1,138.55	1,817.26	1,664.26	153.00	11.878		
9,700.00	7,237.58	9,433.46	7,133.52	80.12	78.52	86.72	412.68	-1,238.51	1,819.12	1,661.06	158.06	11.509		
9,800.00	7,237.83	9,533.44	7,133.71	82.65	81.08	86.72	414.75	-1,338.48	1,820.97	1,657.82	163.16	11.161		
9,900.00	7,238.08	9,633.43	7,133.91	85.20	83.67	86.73	416.82	-1,438.44	1,822.83	1,654.53	168.30	10.831		
10,000.00	7,238.32	9,733.41	7,134.10	87.77	86.27	86.73	418.89	-1,538.40	1,824.69	1,651.21	173.47	10.518		
10,100.00	7,238.57	9,833.39	7,134.30	90.36	88.89	86.73	420.95	-1,638.36	1,826.54	1,647.86	178.68	10.222		
10,200.00	7,238.82	9,933.38	7,134.49	92.97	91.52	86.73	423.02	-1,738.32	1,828.40	1,644.48	183.92	9.941		
10,300.00	7,239.07	10,033.36	7,134.68	95.59	94.17	86.73	425.09	-1,838.28	1,830.26	1,641.06	189.19	9.674		
10,400.00	7,239.32	10,133.34	7,134.88	98.22	96.83	86.73	427.16	-1,938.24	1,832.11	1,637.63	194.49	9.420		
10,500.00	7,239.57	10,233.32	7,135.07	100.87	99.50	86.74	429.23	-2,038.20	1,833.97	1,634.17	199.80	9.179		
10,600.00	7,239.82	10,333.31	7,135.27	103.52	102.18	86.74	431.29	-2,138.16	1,835.83	1,630.69	205.14	8.949		
10,700.00	7,240.07	10,433.29	7,135.46	106.19	104.87	86.74	433.36	-2,238.13	1,837.68	1,627.18	210.50	8.730		
10,800.00	7,240.31	10,533.27	7,135.65	108.87	107.57	86.74	435.43	-2,338.09	1,839.54	1,623.66	215.88	8.521		
10,900.00	7,240.56	10,633.25	7,135.85	111.56	110.28	86.74	437.50	-2,438.05	1,841.40	1,620.13	221.27	8.322		
11,000.00	7,240.81	10,733.24	7,136.04	114.25	113.00	86.74	439.57	-2,538.01	1,843.25	1,616.57	226.68	8.132		
11,100.00	7,241.06	10,833.22	7,136.23	116.96	115.72	86.75	441.63	-2,637.97	1,845.11	1,613.01	232.11	7.949		
11,200.00	7,241.31	10,933.20	7,136.43	119.67	118.45	86.75	443.70	-2,737.93	1,846.97	1,609.42	237.54	7.775		
11,300.00	7,241.56	11,033.19	7,136.62	122.39	121.19	86.75	445.77	-2,837.89	1,848.82	1,605.83	243.00	7.608		
11,400.00	7,241.81	11,133.17	7,136.82	125.11	123.93	86.75	447.84	-2,937.85	1,850.68	1,602.22	248.46	7.449		
11,500.00	7,242.06	11,233.15	7,137.01	127.84	126.68	86.75	449.91	-3,037.82	1,852.54	1,598.60	253.93	7.295		
11,600.00	7,242.30	11,333.13	7,137.20	130.58	129.43	86.75	451.97	-3,137.78	1,854.39	1,594.98	259.42	7.148		
11,700.00	7,242.55	11,433.12	7,137.40	133.32	132.19	86.75	454.04	-3,237.74	1,856.25	1,591.34	264.91	7.007		
11,800.00	7,242.80	11,533.10	7,137.59	136.07	134.95	86.76	456.11	-3,337.70	1,858.11	1,587.69	270.42	6.871		
11,900.00	7,243.05	11,633.08	7,137.79	138.82	137.71	86.76	458.18	-3,437.66	1,859.96	1,584.03	275.93	6.741		
12,000.00	7,243.30	11,733.06	7,137.98	141.58	140.48	86.76	460.24	-3,537.62	1,861.82	1,580.37	281.45	6.615		
12,100.00	7,243.55	11,833.05	7,138.17	144.34	143.26	86.76	462.31	-3,637.58	1,863.68	1,576.69	286.98	6.494		
12,200.00	7,243.80	11,933.03	7,138.37	147.10	146.04	86.76	464.38	-3,737.54	1,865.53	1,573.01	292.52	6.377		
12,300.00	7,244.04	12,033.01	7,138.56	149.87	148.82	86.76	466.45	-3,837.50	1,867.39	1,569.33	298.06	6.265		
12,400.00	7,244.29	12,133.00	7,138.75	152.64	151.60	86.77	468.52	-3,937.47	1,869.25	1,565.63	303.61	6.157		
12,500.00	7,244.54	12,232.98	7,138.95	155.41	154.39	86.77	470.58	-4,037.43	1,871.10	1,561.94	309.17	6.052		
12,600.00	7,244.79	12,332.96	7,139.14	158.19	157.18	86.77	472.65	-4,137.39	1,872.96	1,558.23	314.73	5.951		
12,700.00	7,245.04	12,432.94	7,139.34	160.97	159.97	86.77	474.72	-4,237.35	1,874.82	1,554.52	320.30	5.853		
12,800.00	7,245.29	12,532.93	7,139.53	163.75	162.77	86.77	476.79	-4,337.31	1,876.67	1,550.80	325.87	5.759		
12,900.00	7,245.54	12,632.91	7,139.72	166.54	165.56	86.77	478.86	-4,437.27	1,878.53	1,547.08	331.45	5.668		
13,000.00	7,245.79	12,732.89	7,139.92	169.33	168.36	86.77	480.92	-4,537.23	1,880.39	1,543.36	337.03	5.579		
13,100.00	7,246.03	12,832.88	7,140.11	172.12	171.17	86.78	482.99	-4,637.19	1,882.24	1,539.63	342.62	5.494		
13,200.00	7,246.28	12,932.86	7,140.31	174.91	173.97	86.78	485.06	-4,737.16	1,884.10	1,535.89	348.21	5.411		
13,300.00	7,246.53	13,032.84	7,140.50	177.71	176.78	86.78	487.13	-4,837.12	1,885.96	1,532.15	353.81	5.330		
13,400.00	7,246.78	13,132.82	7,140.69	180.50	179.58	86.78	489.20	-4,937.08	1,887.82	1,528.41	359.41	5.253		
13,500.00	7,247.03	13,232.81	7,140.89	183.30	182.39	86.78	491.26	-5,037.04	1,889.67	1,524.66	365.01	5.177		
13,600.00	7,247.28	13,332.79	7,141.08	186.10	185.21	86.78	493.33	-5,137.00	1,891.53	1,520.91	370.62	5.104		
13,700.00	7,247.53	13,432.77	7,141.27	188.91	188.02	86.79	495.40	-5,236.96	1,893.39	1,517.16	376.23	5.033		
13,800.00	7,247.77	13,532.75	7,141.47	191.71	190.83	86.79	497.47	-5,336.92	1,895.24	1,513.40	381.84	4.963		
13,900.00	7,248.02	13,632.74	7,141.66	194.52	193.65	86.79	499.54	-5,436.88	1,897.10	1,509.64	387.46	4.896		
14,000.00	7,248.27	13,732.72	7,141.86	197.32	196.47	86.79	501.60	-5,536.84	1,898.96	1,505.88	393.08	4.831		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Falken 9-11 PAD - Falken 9N-9C-L - OH - Plan #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	13,832.70	7,142.05	200.13	199.29	86.79	503.67	-5,636.81	1,900.81	1,502.11	398.70	4.768		
14,200.00	7,248.77	13,932.69	7,142.24	202.94	202.11	86.79	505.74	-5,736.77	1,902.67	1,498.35	404.32	4.706		
14,300.00	7,249.02	14,032.67	7,142.44	205.76	204.93	86.79	507.81	-5,836.73	1,904.53	1,494.58	409.95	4.646		
14,400.00	7,249.27	14,132.65	7,142.63	208.57	207.75	86.80	509.88	-5,936.69	1,906.38	1,490.80	415.58	4.587		
14,500.00	7,249.52	14,232.63	7,142.83	211.38	210.57	86.80	511.94	-6,036.65	1,908.24	1,487.03	421.21	4.530		
14,600.00	7,249.76	14,332.62	7,143.02	214.20	213.40	86.80	514.01	-6,136.61	1,910.10	1,483.25	426.85	4.475		
14,700.00	7,250.01	14,432.60	7,143.21	217.02	216.23	86.80	516.08	-6,236.57	1,911.95	1,479.47	432.49	4.421		
14,800.00	7,250.26	14,532.58	7,143.41	219.84	219.05	86.80	518.15	-6,336.53	1,913.81	1,475.68	438.12	4.368		
14,900.00	7,250.51	14,632.56	7,143.60	222.65	221.88	86.80	520.22	-6,436.50	1,915.67	1,471.90	443.77	4.317		
15,000.00	7,250.76	14,732.55	7,143.80	225.48	224.71	86.80	522.28	-6,536.46	1,917.52	1,468.11	449.41	4.267		
15,100.00	7,251.01	14,832.53	7,143.99	228.30	227.54	86.81	524.35	-6,636.42	1,919.38	1,464.33	455.05	4.218		
15,200.00	7,251.26	15,059.24	7,144.43	231.12	233.92	86.80	520.70	-6,863.04	1,917.09	1,453.75	463.34	4.138		
15,300.00	7,251.50	15,159.12	7,144.63	233.94	236.72	86.79	516.16	-6,962.82	1,912.34	1,443.38	468.96	4.078		
15,400.00	7,251.75	15,259.01	7,144.83	236.77	239.53	86.78	511.62	-7,062.61	1,907.60	1,433.02	474.58	4.020		
15,500.00	7,252.00	15,358.90	7,145.02	239.59	242.33	86.77	507.08	-7,162.39	1,902.85	1,422.66	480.20	3.963		
15,600.00	7,252.25	15,458.78	7,145.22	242.42	245.13	86.76	502.54	-7,262.17	1,898.11	1,412.29	485.82	3.907		
15,700.00	7,252.50	15,558.67	7,145.41	245.24	247.94	86.75	498.00	-7,361.96	1,893.36	1,401.92	491.44	3.853		
15,800.00	7,252.75	15,658.56	7,145.61	248.07	250.74	86.74	493.46	-7,461.74	1,888.61	1,391.55	497.06	3.800		
15,900.00	7,253.00	15,758.44	7,145.81	250.90	253.55	86.73	488.92	-7,561.52	1,883.87	1,381.18	502.69	3.748		
16,000.00	7,253.25	15,858.33	7,146.00	253.73	256.35	86.72	484.38	-7,661.31	1,879.12	1,370.81	508.31	3.697		
16,100.00	7,253.49	15,958.22	7,146.20	256.56	259.16	86.71	479.84	-7,761.09	1,874.38	1,360.44	513.94	3.647		
16,200.00	7,253.74	16,058.10	7,146.40	259.39	261.97	86.70	475.30	-7,860.88	1,869.63	1,350.07	519.57	3.598		
16,300.00	7,253.99	16,157.99	7,146.59	262.22	264.78	86.69	470.76	-7,960.66	1,864.89	1,339.69	525.20	3.551		
16,400.00	7,254.24	16,257.88	7,146.79	265.05	267.59	86.68	466.23	-8,060.44	1,860.14	1,329.32	530.83	3.504		
16,500.00	7,254.49	16,357.77	7,146.99	267.88	270.40	86.67	461.69	-8,160.23	1,855.40	1,318.94	536.46	3.459		
16,600.00	7,254.74	16,457.65	7,147.18	270.72	273.21	86.66	457.15	-8,260.01	1,850.65	1,308.56	542.09	3.414		
16,700.00	7,254.99	16,557.54	7,147.38	273.55	276.02	86.65	452.61	-8,359.79	1,845.91	1,298.18	547.73	3.370		
16,800.00	7,255.24	16,657.43	7,147.58	276.38	278.83	86.64	448.07	-8,459.58	1,841.16	1,287.80	553.36	3.327		
16,900.00	7,255.48	16,757.31	7,147.77	279.22	281.64	86.63	443.53	-8,559.36	1,836.42	1,277.43	559.00	3.285		
17,000.00	7,255.73	16,857.20	7,147.97	282.05	284.46	86.62	438.99	-8,659.14	1,831.68	1,267.04	564.63	3.244		
17,100.00	7,255.98	16,957.09	7,148.17	284.89	287.27	86.61	434.45	-8,758.93	1,826.93	1,256.66	570.27	3.204		
17,200.00	7,256.23	17,056.97	7,148.36	287.73	290.08	86.60	429.91	-8,858.71	1,822.19	1,246.28	575.91	3.164		
17,300.00	7,256.48	17,156.86	7,148.56	290.56	292.90	86.59	425.37	-8,958.49	1,817.44	1,235.90	581.54	3.125		
17,400.00	7,256.73	17,256.75	7,148.76	293.40	295.71	86.57	420.83	-9,058.28	1,812.70	1,225.51	587.18	3.087		
17,500.00	7,256.98	17,356.63	7,148.95	296.24	298.53	86.56	416.29	-9,158.06	1,807.95	1,215.13	592.82	3.050		
17,600.00	7,257.22	17,456.52	7,149.15	299.07	301.34	86.55	411.75	-9,257.84	1,803.21	1,204.75	598.46	3.013		
17,700.00	7,257.47	17,556.41	7,149.34	301.91	304.16	86.54	407.22	-9,357.63	1,798.47	1,194.36	604.10	2.977		
17,800.00	7,257.72	17,656.29	7,149.54	304.75	306.98	86.53	402.68	-9,457.41	1,793.72	1,183.97	609.75	2.942		
17,900.00	7,257.97	17,756.18	7,149.74	307.59	309.79	86.52	398.14	-9,557.19	1,788.98	1,173.59	615.39	2.907		
18,000.00	7,258.22	17,856.07	7,149.93	310.43	312.61	86.51	393.60	-9,656.98	1,784.23	1,163.20	621.03	2.873		
18,100.00	7,258.47	17,955.95	7,150.13	313.27	315.43	86.50	389.06	-9,756.76	1,779.49	1,152.81	626.68	2.840		
18,200.00	7,258.72	18,055.84	7,150.33	316.11	318.25	86.49	384.52	-9,856.54	1,774.75	1,142.43	632.32	2.807		
18,300.00	7,258.97	18,155.73	7,150.52	318.95	321.07	86.48	379.98	-9,956.33	1,770.00	1,132.04	637.96	2.774		
18,400.00	7,259.21	18,255.61	7,150.72	321.79	323.89	86.47	375.44	-10,056.11	1,765.26	1,121.65	643.61	2.743		
18,500.00	7,259.46	18,355.50	7,150.92	324.63	326.70	86.45	370.90	-10,155.89	1,760.51	1,111.26	649.26	2.712		
18,600.00	7,259.71	18,455.39	7,151.11	327.48	329.52	86.44	366.36	-10,255.68	1,755.77	1,100.87	654.90	2.681		
18,700.00	7,259.96	18,555.28	7,151.31	330.32	332.35	86.43	361.82	-10,355.46	1,751.03	1,090.48	660.55	2.651		
18,800.00	7,260.21	18,655.16	7,151.51	333.16	335.17	86.42	357.28	-10,455.24	1,746.28	1,080.09	666.19	2.621		
18,900.00	7,260.46	18,755.05	7,151.70	336.00	337.99	86.41	352.74	-10,555.03	1,741.54	1,069.70	671.84	2.592		
19,000.00	7,260.71	18,854.94	7,151.90	338.85	340.81	86.40	348.21	-10,654.81	1,736.80	1,059.31	677.49	2.564		
19,100.00	7,260.95	18,906.26	7,152.00	341.69	342.26	86.39	343.67	-10,706.09	1,732.06	1,050.28	682.45	2.539		
19,118.22	7,261.00	18,906.26	7,152.00	342.21	342.26	86.39	345.87	-10,706.09	1,732.48	1,049.39	683.09	2.536 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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	4.00	-4.00	3.28	3.28	-47.37	1,562.20	-1,696.85	2,306.46					
100.00	100.00	104.00	96.00	3.28	3.78	-47.37	1,562.20	-1,696.85	2,306.46	2,299.39	7.07	326.332		
200.00	200.00	204.00	196.00	3.34	6.30	-47.37	1,562.20	-1,696.85	2,306.46	2,296.83	9.63	239.390		
300.00	300.00	304.00	296.00	3.44	9.45	-47.37	1,562.20	-1,696.85	2,306.46	2,293.56	12.90	178.806 CC		
400.00	399.98	404.02	395.98	3.60	12.79	176.23	1,562.20	-1,696.85	2,308.20	2,291.82	16.38	140.884 ES		
500.00	499.84	504.16	495.84	3.79	16.19	176.24	1,562.20	-1,696.85	2,313.43	2,293.44	19.98	115.781		
600.00	599.45	604.55	595.45	4.03	19.64	176.24	1,562.20	-1,696.85	2,322.12	2,298.46	23.66	98.142		
700.00	698.70	705.30	694.70	4.30	23.11	176.24	1,562.20	-1,696.85	2,334.28	2,306.88	27.41	85.173		
800.00	797.47	806.53	793.47	4.60	26.61	176.25	1,562.20	-1,696.85	2,349.89	2,318.68	31.21	75.293		
900.00	895.62	908.38	891.62	4.94	30.14	176.25	1,562.20	-1,696.85	2,368.93	2,333.87	35.07	67.553		
1,000.00	993.06	989.06	989.06	5.32	32.95	176.26	1,562.20	-1,696.85	2,391.38	2,353.16	38.22	62.573		
1,100.00	1,089.64	1,085.64	1,085.64	5.73	36.30	176.26	1,562.20	-1,696.85	2,417.21	2,375.27	41.94	57.633		
1,131.50	1,119.87	1,115.87	1,115.87	5.87	37.35	176.26	1,562.20	-1,696.85	2,426.04	2,382.93	43.12	56.267		
1,200.00	1,185.51	1,181.51	1,181.51	6.18	39.64	176.29	1,562.20	-1,696.85	2,445.61	2,399.95	45.66	53.563		
1,300.00	1,281.33	1,277.33	1,277.33	6.65	42.97	176.34	1,562.20	-1,696.85	2,474.17	2,424.79	49.38	50.105		
1,400.00	1,377.14	1,373.14	1,373.14	7.13	46.31	176.38	1,562.20	-1,696.85	2,502.74	2,449.62	53.11	47.119		
1,500.00	1,472.96	1,468.96	1,468.96	7.63	49.64	176.42	1,562.20	-1,696.85	2,531.31	2,474.44	56.86	44.517		
1,600.00	1,568.78	1,564.78	1,564.78	8.14	52.98	176.46	1,562.20	-1,696.85	2,559.87	2,499.26	60.62	42.229		
1,700.00	1,664.60	1,660.60	1,660.60	8.66	56.32	176.50	1,562.20	-1,696.85	2,588.44	2,524.06	64.38	40.203		
1,800.00	1,760.41	1,756.41	1,756.41	9.19	59.66	176.54	1,562.20	-1,696.85	2,617.01	2,548.86	68.16	38.397		
1,900.00	1,856.23	1,852.23	1,852.23	9.73	63.00	176.57	1,562.20	-1,696.85	2,645.59	2,573.65	71.94	36.777		
2,000.00	1,952.05	1,948.05	1,948.05	10.27	66.34	176.61	1,562.20	-1,696.85	2,674.16	2,598.44	75.72	35.317		
2,100.00	2,047.86	2,043.86	2,043.86	10.81	69.68	176.65	1,562.20	-1,696.85	2,702.73	2,623.23	79.51	33.994		
2,200.00	2,143.68	2,139.68	2,139.68	11.36	73.02	176.68	1,562.20	-1,696.85	2,731.31	2,648.01	83.30	32.789		
2,300.00	2,239.50	2,235.50	2,235.50	11.92	76.37	176.72	1,562.20	-1,696.85	2,759.88	2,672.79	87.09	31.689		
2,400.00	2,335.32	2,331.32	2,331.32	12.47	79.71	176.75	1,562.20	-1,696.85	2,788.46	2,697.57	90.89	30.679		
2,500.00	2,431.13	2,427.13	2,427.13	13.03	83.05	176.78	1,562.20	-1,696.85	2,817.04	2,722.34	94.69	29.749		
2,600.00	2,526.95	2,522.95	2,522.95	13.59	86.39	176.82	1,562.20	-1,696.85	2,845.61	2,747.12	98.50	28.891		
2,700.00	2,622.77	2,618.77	2,618.77	14.15	89.74	176.85	1,562.20	-1,696.85	2,874.19	2,771.89	102.30	28.096		
2,800.00	2,718.59	2,714.59	2,714.59	14.72	93.08	176.88	1,562.20	-1,696.85	2,902.77	2,796.66	106.11	27.357		
2,900.00	2,814.40	2,810.40	2,810.40	15.29	96.42	176.91	1,562.20	-1,696.85	2,931.35	2,821.44	109.92	26.669		
3,000.00	2,910.22	2,906.22	2,906.22	15.85	99.76	176.94	1,562.20	-1,696.85	2,959.93	2,846.21	113.73	26.027		
3,100.00	3,006.04	3,002.04	3,002.04	16.42	103.11	176.97	1,562.20	-1,696.85	2,988.52	2,870.98	117.54	25.426		
3,200.00	3,101.85	3,102.15	3,097.85	16.99	106.60	177.00	1,562.20	-1,696.85	3,017.10	2,895.60	121.50	24.832		
3,300.00	3,197.67	3,206.33	3,193.67	17.56	110.24	177.02	1,562.20	-1,696.85	3,045.68	2,920.08	125.60	24.248		
3,400.00	3,293.49	3,289.49	3,289.49	18.14	113.14	177.05	1,562.20	-1,696.85	3,074.26	2,945.29	128.98	23.836		
3,500.00	3,389.31	3,385.31	3,385.31	18.71	116.48	177.08	1,562.20	-1,696.85	3,102.85	2,970.06	132.79	23.366		
3,600.00	3,485.12	3,481.12	3,481.12	19.28	119.83	177.11	1,562.20	-1,696.85	3,131.43	2,994.83	136.61	22.923		
3,700.00	3,580.94	3,576.94	3,576.94	19.86	123.17	177.13	1,562.20	-1,696.85	3,160.02	3,019.59	140.43	22.503		
3,800.00	3,676.76	3,672.76	3,672.76	20.43	126.51	177.16	1,562.20	-1,696.85	3,188.61	3,044.36	144.24	22.106		
3,900.00	3,772.58	3,768.58	3,768.58	21.01	129.86	177.18	1,562.20	-1,696.85	3,217.19	3,069.13	148.06	21.729		
4,000.00	3,868.39	3,864.39	3,864.39	21.58	133.20	177.21	1,562.20	-1,696.85	3,245.78	3,093.90	151.88	21.370		
4,100.00	3,964.21	3,960.21	3,960.21	22.16	136.55	177.23	1,562.20	-1,696.85	3,274.37	3,118.67	155.70	21.030		
4,200.00	4,060.03	4,056.03	4,056.03	22.74	139.89	177.26	1,562.20	-1,696.85	3,302.96	3,143.44	159.52	20.705		
4,300.00	4,155.85	4,151.85	4,151.85	23.32	143.23	177.28	1,562.20	-1,696.85	3,331.55	3,168.20	163.34	20.396		
4,400.00	4,251.66	4,247.66	4,247.66	23.89	146.58	177.30	1,562.20	-1,696.85	3,360.14	3,192.97	167.16	20.101		
4,500.00	4,347.48	4,343.48	4,343.48	24.47	149.92	177.33	1,562.20	-1,696.85	3,388.73	3,217.74	170.98	19.819		
4,600.00	4,443.30	4,439.30	4,439.30	25.05	153.27	177.35	1,562.20	-1,696.85	3,417.32	3,242.51	174.81	19.549		
4,700.00	4,539.11	4,535.11	4,535.11	25.63	156.61	177.37	1,562.20	-1,696.85	3,445.91	3,267.28	178.63	19.291		
4,800.00	4,634.93	4,630.93	4,630.93	26.21	159.95	177.39	1,562.20	-1,696.85	3,474.50	3,292.05	182.45	19.043		
4,900.00	4,730.75	4,726.75	4,726.75	26.79	163.30	177.41	1,562.20	-1,696.85	3,503.09	3,316.82	186.27	18.806		
5,000.00	4,826.57	4,822.57	4,822.57	27.37	166.64	177.43	1,562.20	-1,696.85	3,531.68	3,341.59	190.10	18.578		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,918.38	4,918.38	27.95	169.99	177.46	1,562.20	-1,696.85	3,560.28	3,366.36	193.92	18.359		
5,200.00	5,018.20	5,014.20	5,014.20	28.53	173.33	177.48	1,562.20	-1,696.85	3,588.87	3,391.13	197.75	18.149		
5,300.00	5,114.02	5,110.02	5,110.02	29.11	176.68	177.50	1,562.20	-1,696.85	3,617.46	3,415.89	201.57	17.946		
5,400.00	5,209.84	5,205.84	5,205.84	29.69	180.02	177.51	1,562.20	-1,696.85	3,646.06	3,440.66	205.39	17.751		
5,500.00	5,305.65	5,301.65	5,301.65	30.27	183.36	177.53	1,562.20	-1,696.85	3,674.65	3,465.43	209.22	17.564		
5,600.00	5,401.47	5,402.53	5,397.47	30.86	186.89	177.55	1,562.20	-1,696.85	3,703.25	3,490.03	213.22	17.368		
5,700.00	5,497.29	5,506.71	5,493.29	31.44	190.52	177.57	1,562.20	-1,696.85	3,731.84	3,514.51	217.34	17.171		
5,800.00	5,593.10	5,589.10	5,589.10	32.02	193.40	177.59	1,562.20	-1,696.85	3,760.44	3,539.74	220.69	17.039		
5,900.00	5,688.92	5,684.92	5,684.92	32.60	196.74	177.61	1,562.20	-1,696.85	3,789.03	3,564.51	224.52	16.876		
6,000.00	5,784.74	5,780.74	5,780.74	33.18	200.09	177.63	1,562.20	-1,696.85	3,817.63	3,589.28	228.35	16.719		
6,100.00	5,880.56	5,876.56	5,876.56	33.76	203.43	177.64	1,562.20	-1,696.85	3,846.23	3,614.06	232.17	16.566		
6,200.00	5,976.37	5,972.37	5,972.37	34.35	206.78	177.66	1,562.20	-1,696.85	3,874.82	3,638.83	236.00	16.419		
6,300.00	6,072.19	6,068.19	6,068.19	34.93	210.12	177.68	1,562.20	-1,696.85	3,903.42	3,663.60	239.82	16.276		
6,400.00	6,168.01	6,164.01	6,164.01	35.51	213.47	177.70	1,562.20	-1,696.85	3,932.02	3,688.37	243.65	16.138		
6,500.00	6,263.83	6,259.83	6,259.83	36.09	216.81	177.71	1,562.20	-1,696.85	3,960.62	3,713.14	247.48	16.004		
6,600.00	6,359.64	6,355.64	6,355.64	36.68	220.15	177.73	1,562.20	-1,696.85	3,989.22	3,737.91	251.31	15.874		
6,700.00	6,455.46	6,451.46	6,451.46	37.26	223.50	177.74	1,562.20	-1,696.85	4,017.81	3,762.68	255.13	15.748		
6,733.48	6,487.54	6,483.54	6,483.54	37.45	224.62	177.75	1,562.20	-1,696.85	4,027.39	3,770.98	256.41	15.707		
6,750.00	6,503.41	6,500.59	6,499.41	37.55	225.21	173.55	1,562.20	-1,696.85	4,031.97	3,774.88	257.09	15.683		
6,800.00	6,551.83	6,547.83	6,547.83	37.82	226.86	157.85	1,562.20	-1,696.85	4,044.04	3,785.07	258.97	15.616		
6,850.00	6,600.62	6,603.38	6,596.62	38.05	228.80	137.96	1,562.20	-1,696.85	4,053.36	3,792.23	261.13	15.522		
6,900.00	6,649.47	6,645.47	6,645.47	38.25	230.27	117.27	1,562.20	-1,696.85	4,059.89	3,797.08	262.81	15.448		
6,950.00	6,698.08	6,705.92	6,694.08	38.42	232.38	100.24	1,562.20	-1,696.85	4,063.61	3,798.50	265.11	15.328		
7,000.00	6,746.15	6,742.15	6,742.15	38.57	233.65	88.17	1,562.20	-1,696.85	4,064.51	3,797.96	266.55	15.249		
7,050.00	6,793.39	6,789.39	6,789.39	38.71	235.30	80.07	1,562.20	-1,696.85	4,062.62	3,794.27	268.35	15.139		
7,100.00	6,839.50	6,835.50	6,835.50	38.84	236.91	74.70	1,562.20	-1,696.85	4,057.97	3,787.87	270.10	15.024		
7,150.00	6,884.20	6,880.20	6,880.20	38.97	238.47	71.19	1,562.20	-1,696.85	4,050.64	3,778.85	271.78	14.904		
7,200.00	6,927.21	6,923.21	6,923.21	39.11	239.97	68.98	1,562.20	-1,696.85	4,040.69	3,767.29	273.40	14.780		
7,250.00	6,968.28	6,964.28	6,964.28	39.25	241.40	67.73	1,562.20	-1,696.85	4,028.24	3,753.30	274.94	14.651		
7,300.00	7,007.13	7,003.13	7,003.13	39.41	242.76	67.23	1,562.20	-1,696.85	4,013.39	3,736.99	276.40	14.520		
7,350.00	7,043.55	7,039.55	7,039.55	39.58	244.03	67.35	1,562.20	-1,696.85	3,996.29	3,718.51	277.78	14.386		
7,400.00	7,077.29	7,073.29	7,073.29	39.77	245.21	67.98	1,562.20	-1,696.85	3,977.08	3,698.00	279.08	14.251		
7,450.00	7,108.16	7,104.16	7,104.16	39.98	246.28	69.07	1,562.20	-1,696.85	3,955.92	3,675.62	280.30	14.113		
7,500.00	7,135.96	7,131.96	7,131.96	40.22	247.25	70.57	1,562.20	-1,696.85	3,932.97	3,651.54	281.43	13.975		
7,550.00	7,160.53	7,156.53	7,156.53	40.49	248.11	72.43	1,562.20	-1,696.85	3,908.43	3,625.94	282.48	13.836		
7,600.00	7,181.70	7,177.70	7,177.70	40.79	248.85	74.62	1,562.20	-1,696.85	3,882.46	3,599.01	283.45	13.697		
7,650.00	7,199.35	7,204.65	7,195.35	41.13	249.79	77.12	1,562.20	-1,696.85	3,855.27	3,570.61	284.66	13.543		
7,700.00	7,213.38	7,209.38	7,209.38	41.51	249.96	79.87	1,562.20	-1,696.85	3,827.04	3,541.90	285.15	13.421		
7,750.00	7,223.68	7,219.68	7,219.68	41.93	250.32	82.85	1,562.20	-1,696.85	3,797.98	3,512.11	285.87	13.286		
7,800.00	7,230.21	7,226.21	7,226.21	42.38	250.54	86.01	1,562.20	-1,696.85	3,768.26	3,481.75	286.51	13.152		
7,850.00	7,232.92	7,228.92	7,228.92	42.87	250.64	89.31	1,562.20	-1,696.85	3,738.09	3,451.03	287.05	13.022		
7,858.69	7,233.00	7,229.00	7,229.00	42.95	250.64	89.89	1,562.20	-1,696.85	3,732.81	3,445.67	287.14	13.000		
7,900.00	7,233.10	7,229.10	7,229.10	43.38	250.64	89.89	1,562.20	-1,696.85	3,707.85	3,420.29	287.56	12.894		
8,000.00	7,233.35	7,229.35	7,229.35	44.56	250.65	89.90	1,562.20	-1,696.85	3,648.66	3,359.96	288.69	12.639		
8,100.00	7,233.60	7,229.60	7,229.60	45.91	250.66	89.90	1,562.20	-1,696.85	3,591.27	3,301.26	290.02	12.383		
8,200.00	7,233.85	7,229.85	7,229.85	47.41	250.67	89.91	1,562.20	-1,696.85	3,535.79	3,244.27	291.52	12.129		
8,300.00	7,234.10	7,230.10	7,230.10	49.05	250.68	89.91	1,562.20	-1,696.85	3,482.29	3,189.08	293.21	11.877		
8,400.00	7,234.35	7,230.35	7,230.35	50.81	250.69	89.92	1,562.20	-1,696.85	3,430.87	3,135.81	295.06	11.628		
8,500.00	7,234.59	7,230.59	7,230.59	52.68	250.70	89.92	1,562.20	-1,696.85	3,381.63	3,084.56	297.08	11.383		
8,600.00	7,234.84	7,230.84	7,230.84	54.65	250.71	89.93	1,562.20	-1,696.85	3,334.67	3,035.42	299.24	11.144		
8,700.00	7,235.09	7,231.09	7,231.09	56.70	250.71	89.93	1,562.20	-1,696.85	3,290.07	2,988.52	301.55	10.910		
8,800.00	7,235.34	7,231.34	7,231.34	58.82	250.72	89.94	1,562.20	-1,696.85	3,247.94	2,943.95	303.99	10.684		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.59	7,231.59	7,231.59	61.01	250.73	89.94	1,562.20	-1,696.85	3,208.37	2,901.83	306.54	10.466		
9,000.00	7,235.84	7,231.84	7,231.84	63.25	250.74	89.95	1,562.20	-1,696.85	3,171.47	2,862.27	309.20	10.257		
9,100.00	7,236.09	7,232.09	7,232.09	65.55	250.75	89.95	1,562.20	-1,696.85	3,137.32	2,825.37	311.94	10.057		
9,200.00	7,236.34	7,232.34	7,232.34	67.89	250.76	89.96	1,562.20	-1,696.85	3,106.01	2,791.25	314.76	9.868		
9,300.00	7,236.58	7,232.58	7,232.58	70.27	250.77	89.96	1,562.20	-1,696.85	3,077.64	2,759.99	317.65	9.689		
9,400.00	7,236.83	7,232.83	7,232.83	72.69	250.77	89.97	1,562.20	-1,696.85	3,052.28	2,731.71	320.57	9.521		
9,500.00	7,237.08	7,233.08	7,233.08	75.14	250.78	89.97	1,562.20	-1,696.85	3,030.01	2,706.48	323.53	9.366		
9,600.00	7,237.33	7,233.33	7,233.33	77.62	250.79	89.97	1,562.20	-1,696.85	3,010.90	2,684.40	326.50	9.222		
9,700.00	7,237.58	7,233.58	7,233.58	80.12	250.80	89.98	1,562.20	-1,696.85	2,995.01	2,665.54	329.47	9.090		
9,800.00	7,237.83	7,233.83	7,233.83	82.65	250.81	89.98	1,562.20	-1,696.85	2,982.38	2,649.96	332.42	8.972		
9,900.00	7,238.08	7,234.08	7,234.08	85.20	250.82	89.99	1,562.20	-1,696.85	2,973.07	2,637.73	335.34	8.866		
10,000.00	7,238.32	7,234.32	7,234.32	87.77	250.83	89.99	1,562.20	-1,696.85	2,967.10	2,628.89	338.22	8.773		
10,100.00	7,238.57	7,234.57	7,234.57	90.36	250.84	90.00	1,562.20	-1,696.85	2,964.50	2,623.47	341.03	8.693		
10,127.25	7,238.64	7,234.64	7,234.64	91.07	250.84	90.00	1,562.20	-1,696.85	2,964.37	2,622.58	341.79	8.673		
10,200.00	7,238.82	7,234.82	7,234.82	92.97	250.84	90.00	1,562.20	-1,696.85	2,965.27	2,621.49	343.78	8.626		
10,300.00	7,239.07	7,235.07	7,235.07	95.59	250.85	90.01	1,562.20	-1,696.85	2,969.40	2,622.97	346.44	8.571		
10,400.00	7,239.32	7,235.32	7,235.32	98.22	250.86	90.01	1,562.20	-1,696.85	2,976.89	2,627.89	349.00	8.530		
10,500.00	7,239.57	7,235.57	7,235.57	100.87	250.87	90.02	1,562.20	-1,696.85	2,987.72	2,636.25	351.47	8.501		
10,600.00	7,239.82	7,235.82	7,235.82	103.52	250.88	90.02	1,562.20	-1,696.85	3,001.83	2,648.02	353.82	8.484		
10,700.00	7,240.07	7,236.07	7,236.07	106.19	250.89	90.03	1,562.20	-1,696.85	3,019.20	2,663.14	356.05	8.480 SF		
10,800.00	7,240.31	7,236.31	7,236.31	108.87	250.90	90.03	1,562.20	-1,696.85	3,039.75	2,681.59	358.17	8.487		
10,900.00	7,240.56	7,236.56	7,236.56	111.56	250.90	90.04	1,562.20	-1,696.85	3,063.44	2,703.28	360.16	8.506		
11,000.00	7,240.81	7,236.81	7,236.81	114.25	250.91	90.04	1,562.20	-1,696.85	3,090.18	2,728.16	362.02	8.536		
11,100.00	7,241.06	7,237.06	7,237.06	116.96	250.92	90.05	1,562.20	-1,696.85	3,119.89	2,756.13	363.76	8.577		
11,200.00	7,241.31	7,237.31	7,237.31	119.67	250.93	90.05	1,562.20	-1,696.85	3,152.51	2,787.13	365.37	8.628		
11,300.00	7,241.56	7,237.56	7,237.56	122.39	250.94	90.06	1,562.20	-1,696.85	3,187.92	2,821.06	366.86	8.690		
11,400.00	7,241.81	7,237.81	7,237.81	125.11	250.95	90.06	1,562.20	-1,696.85	3,226.05	2,857.82	368.23	8.761		
11,500.00	7,242.06	7,238.06	7,238.06	127.84	250.96	90.07	1,562.20	-1,696.85	3,266.79	2,897.31	369.48	8.842		
11,600.00	7,242.30	7,238.30	7,238.30	130.58	250.97	90.07	1,562.20	-1,696.85	3,310.06	2,939.44	370.62	8.931		
11,700.00	7,242.55	7,238.55	7,238.55	133.32	250.97	90.08	1,562.20	-1,696.85	3,355.75	2,984.10	371.65	9.029		
11,800.00	7,242.80	7,238.80	7,238.80	136.07	250.98	90.08	1,562.20	-1,696.85	3,403.76	3,031.18	372.58	9.136		
11,900.00	7,243.05	7,239.05	7,239.05	138.82	250.99	90.09	1,562.20	-1,696.85	3,454.00	3,080.59	373.41	9.250		
12,000.00	7,243.30	7,239.30	7,239.30	141.58	251.00	90.09	1,562.20	-1,696.85	3,506.38	3,132.23	374.15	9.372		
12,100.00	7,243.55	7,239.55	7,239.55	144.34	251.01	90.09	1,562.20	-1,696.85	3,560.79	3,185.99	374.80	9.500		
12,200.00	7,243.80	7,239.80	7,239.80	147.10	251.02	90.10	1,562.20	-1,696.85	3,617.15	3,241.78	375.37	9.636		
12,300.00	7,244.04	7,240.04	7,240.04	149.87	251.03	90.10	1,562.20	-1,696.85	3,675.37	3,299.49	375.87	9.778		
12,400.00	7,244.29	7,240.29	7,240.29	152.64	251.04	90.11	1,562.20	-1,696.85	3,735.35	3,359.05	376.30	9.927		
12,500.00	7,244.54	7,240.54	7,240.54	155.41	251.04	90.11	1,562.20	-1,696.85	3,797.03	3,420.36	376.66	10.081		
12,600.00	7,244.79	7,240.79	7,240.79	158.19	251.05	90.12	1,562.20	-1,696.85	3,860.30	3,483.33	376.97	10.240		
12,700.00	7,245.04	7,241.04	7,241.04	160.97	251.06	90.12	1,562.20	-1,696.85	3,925.11	3,547.89	377.22	10.405		
12,800.00	7,245.29	7,241.29	7,241.29	163.75	251.07	90.13	1,562.20	-1,696.85	3,991.37	3,613.95	377.42	10.575		
12,900.00	7,245.54	7,241.54	7,241.54	166.54	251.08	90.13	1,562.20	-1,696.85	4,059.01	3,681.43	377.58	10.750		
13,000.00	7,245.79	7,241.79	7,241.79	169.33	251.09	90.14	1,562.20	-1,696.85	4,127.97	3,750.27	377.70	10.929		
13,100.00	7,246.03	7,242.03	7,242.03	172.12	251.10	90.14	1,562.20	-1,696.85	4,198.18	3,820.40	377.77	11.113		
13,200.00	7,246.28	7,242.28	7,242.28	174.91	251.10	90.15	1,562.20	-1,696.85	4,269.57	3,891.75	377.82	11.301		
13,300.00	7,246.53	7,242.53	7,242.53	177.71	251.11	90.15	1,562.20	-1,696.85	4,342.09	3,964.26	377.83	11.492		
13,400.00	7,246.78	7,242.78	7,242.78	180.50	251.12	90.16	1,562.20	-1,696.85	4,415.69	4,037.88	377.81	11.687		
13,500.00	7,247.03	7,243.03	7,243.03	183.30	251.13	90.16	1,562.20	-1,696.85	4,490.31	4,112.53	377.77	11.886		
13,600.00	7,247.28	7,243.28	7,243.28	186.10	251.14	90.17	1,562.20	-1,696.85	4,565.90	4,188.18	377.71	12.088		
13,700.00	7,247.53	7,243.53	7,243.53	188.91	251.15	90.17	1,562.20	-1,696.85	4,642.41	4,264.78	377.63	12.294		
13,800.00	7,247.77	7,243.77	7,243.77	191.71	251.16	90.18	1,562.20	-1,696.85	4,719.80	4,342.27	377.53	12.502		
13,900.00	7,248.02	7,244.02	7,244.02	194.52	251.17	90.18	1,562.20	-1,696.85	4,798.03	4,420.61	377.41	12.713		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	7,244.27	7,244.27	197.32	251.17	90.19	1,562.20	-1,696.85	4,877.05	4,499.76	377.28	12.927		
14,100.00	7,248.52	7,244.52	7,244.52	200.13	251.18	90.19	1,562.20	-1,696.85	4,956.83	4,579.69	377.14	13.143		
14,200.00	7,248.77	7,244.77	7,244.77	202.94	251.19	90.20	1,562.20	-1,696.85	5,037.33	4,660.34	376.99	13.362		
14,300.00	7,249.02	7,245.02	7,245.02	205.76	251.20	90.20	1,562.20	-1,696.85	5,118.52	4,741.69	376.82	13.583		
14,400.00	7,249.27	7,245.27	7,245.27	208.57	251.21	90.21	1,562.20	-1,696.85	5,200.36	4,823.71	376.65	13.807		
14,500.00	7,249.52	7,245.52	7,245.52	211.38	251.22	90.21	1,562.20	-1,696.85	5,282.83	4,906.36	376.48	14.032		
14,600.00	7,249.76	7,245.76	7,245.76	214.20	251.23	90.21	1,562.20	-1,696.85	5,365.90	4,989.61	376.29	14.260		
14,700.00	7,250.01	7,246.01	7,246.01	217.02	251.23	90.22	1,562.20	-1,696.85	5,449.53	5,073.43	376.10	14.490		
14,800.00	7,250.26	7,246.26	7,246.26	219.84	251.24	90.22	1,562.20	-1,696.85	5,533.71	5,157.80	375.91	14.721		
14,900.00	7,250.51	7,246.51	7,246.51	222.65	251.25	90.23	1,562.20	-1,696.85	5,618.41	5,242.69	375.71	14.954		
15,000.00	7,250.76	7,246.76	7,246.76	225.48	251.26	90.23	1,562.20	-1,696.85	5,703.60	5,328.09	375.51	15.189		
15,100.00	7,251.01	7,247.01	7,247.01	228.30	251.27	90.24	1,562.20	-1,696.85	5,789.26	5,413.95	375.31	15.425		
15,200.00	7,251.26	7,247.26	7,247.26	231.12	251.28	90.24	1,562.20	-1,696.85	5,875.38	5,500.28	375.11	15.663		
15,300.00	7,251.50	7,247.50	7,247.50	233.94	251.29	90.25	1,562.20	-1,696.85	5,961.93	5,587.03	374.90	15.903		
15,400.00	7,251.75	7,247.75	7,247.75	236.77	251.30	90.25	1,562.20	-1,696.85	6,048.90	5,674.20	374.70	16.143		
15,500.00	7,252.00	7,248.00	7,248.00	239.59	251.30	90.26	1,562.20	-1,696.85	6,136.26	5,761.77	374.49	16.386		
15,600.00	7,252.25	7,248.25	7,248.25	242.42	251.31	90.26	1,562.20	-1,696.85	6,224.01	5,849.72	374.29	16.629		
15,700.00	7,252.50	7,248.50	7,248.50	245.24	251.32	90.27	1,562.20	-1,696.85	6,312.12	5,938.03	374.08	16.874		
15,800.00	7,252.75	7,248.75	7,248.75	248.07	251.33	90.27	1,562.20	-1,696.85	6,400.58	6,026.70	373.88	17.119		
15,900.00	7,253.00	7,249.00	7,249.00	250.90	251.34	90.28	1,562.20	-1,696.85	6,489.37	6,115.69	373.68	17.366		
16,000.00	7,253.25	7,249.25	7,249.25	253.73	251.35	90.28	1,562.20	-1,696.85	6,578.48	6,205.01	373.48	17.614		
16,100.00	7,253.49	7,249.49	7,249.49	256.56	251.36	90.29	1,562.20	-1,696.85	6,667.91	6,294.63	373.28	17.863		
16,200.00	7,253.74	7,249.74	7,249.74	259.39	251.36	90.29	1,562.20	-1,696.85	6,757.63	6,384.55	373.08	18.113		
16,300.00	7,253.99	7,249.99	7,249.99	262.22	251.37	90.30	1,562.20	-1,696.85	6,847.63	6,474.75	372.88	18.364		
16,400.00	7,254.24	7,250.24	7,250.24	265.05	251.38	90.30	1,562.20	-1,696.85	6,937.91	6,565.22	372.69	18.616		
16,500.00	7,254.49	7,250.49	7,250.49	267.88	251.39	90.31	1,562.20	-1,696.85	7,028.45	6,655.96	372.50	18.868		
16,600.00	7,254.74	7,250.74	7,250.74	270.72	251.40	90.31	1,562.20	-1,696.85	7,119.25	6,746.94	372.31	19.122		
16,700.00	7,254.99	7,250.99	7,250.99	273.55	251.41	90.32	1,562.20	-1,696.85	7,210.29	6,838.17	372.12	19.376		
16,800.00	7,255.24	7,251.24	7,251.24	276.38	251.42	90.32	1,562.20	-1,696.85	7,301.56	6,929.62	371.94	19.631		
16,900.00	7,255.48	7,251.48	7,251.48	279.22	251.43	90.33	1,562.20	-1,696.85	7,393.06	7,021.30	371.76	19.887		
17,000.00	7,255.73	7,251.73	7,251.73	282.05	251.43	90.33	1,562.20	-1,696.85	7,484.78	7,113.20	371.58	20.143		
17,100.00	7,255.98	7,251.98	7,251.98	284.89	251.44	90.34	1,562.20	-1,696.85	7,576.70	7,205.30	371.40	20.400		
17,200.00	7,256.23	7,252.23	7,252.23	287.73	251.45	90.34	1,562.20	-1,696.85	7,668.83	7,297.60	371.23	20.658		
17,300.00	7,256.48	7,252.48	7,252.48	290.56	251.46	90.34	1,562.20	-1,696.85	7,761.15	7,390.10	371.05	20.916		
17,400.00	7,256.73	7,252.73	7,252.73	293.40	251.47	90.35	1,562.20	-1,696.85	7,853.66	7,482.78	370.89	21.175		
17,500.00	7,256.98	7,252.98	7,252.98	296.24	251.48	90.35	1,562.20	-1,696.85	7,946.36	7,575.64	370.72	21.435		
17,600.00	7,257.22	7,253.22	7,253.22	299.07	251.49	90.36	1,562.20	-1,696.85	8,039.22	7,668.67	370.56	21.695		
17,700.00	7,257.47	7,253.47	7,253.47	301.91	251.50	90.36	1,562.20	-1,696.85	8,132.26	7,761.86	370.40	21.955		
17,800.00	7,257.72	7,253.72	7,253.72	304.75	251.50	90.37	1,562.20	-1,696.85	8,225.46	7,855.22	370.24	22.216		
17,900.00	7,257.97	7,253.97	7,253.97	307.59	251.51	90.37	1,562.20	-1,696.85	8,318.82	7,948.73	370.09	22.478		
18,000.00	7,258.22	7,254.22	7,254.22	310.43	251.52	90.38	1,562.20	-1,696.85	8,412.33	8,042.39	369.94	22.740		
18,100.00	7,258.47	7,254.47	7,254.47	313.27	251.53	90.38	1,562.20	-1,696.85	8,505.99	8,136.20	369.79	23.002		
18,200.00	7,258.72	7,254.72	7,254.72	316.11	251.54	90.39	1,562.20	-1,696.85	8,599.79	8,230.15	369.64	23.265		
18,300.00	7,258.97	7,254.97	7,254.97	318.95	251.55	90.39	1,562.20	-1,696.85	8,693.73	8,324.23	369.50	23.528		
18,400.00	7,259.21	7,255.21	7,255.21	321.79	251.56	90.40	1,562.20	-1,696.85	8,787.80	8,418.44	369.36	23.792		
18,500.00	7,259.46	7,255.46	7,255.46	324.63	251.56	90.40	1,562.20	-1,696.85	8,882.00	8,512.78	369.22	24.056		
18,600.00	7,259.71	7,255.71	7,255.71	327.48	251.57	90.41	1,562.20	-1,696.85	8,976.33	8,607.24	369.09	24.320		
18,700.00	7,259.96	7,255.96	7,255.96	330.32	251.58	90.41	1,562.20	-1,696.85	9,070.78	8,701.83	368.95	24.585		
18,800.00	7,260.21	7,256.21	7,256.21	333.16	251.59	90.42	1,562.20	-1,696.85	9,165.35	8,796.52	368.82	24.850		
18,900.00	7,260.46	7,256.46	7,256.46	336.00	251.60	90.42	1,562.20	-1,696.85	9,260.03	8,891.33	368.70	25.115		
19,000.00	7,260.71	7,256.71	7,256.71	338.85	251.61	90.43	1,562.20	-1,696.85	9,354.82	8,986.25	368.57	25.381		
19,100.00	7,260.95	7,256.95	7,256.95	341.69	251.62	90.43	1,562.20	-1,696.85	9,449.72	9,081.27	368.45	25.647		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>	Falken 9-11 PAD - GILLESPIE #11-1(PA) - OH - OH											<b>Offset Site Error:</b>	0.00 ft
<b>Survey Program:</b>	100-2" Cone@2.448 Sigma											<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
19,118.22	7,261.00	7,257.00	7,257.00	342.21	251.62	90.43	1,562.20	-1,696.85	9,467.02	9,098.59	368.43	25.696	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-106.11	-2,063.48	-7,142.45	7,434.55					
100.00	100.00	86.05	86.05	3.28	3.29	-106.12	-2,063.70	-7,142.41	7,434.57	7,428.00	6.57	1,131.568		
200.00	200.00	175.51	175.51	3.34	3.31	-106.12	-2,064.37	-7,142.30	7,434.67	7,428.02	6.65	1,118.356		
300.00	300.00	259.92	259.92	3.44	3.38	-106.13	-2,065.22	-7,142.35	7,435.00	7,428.17	6.83	1,089.167		
400.00	399.98	358.13	358.11	3.60	3.51	117.45	-2,066.34	-7,142.42	7,436.19	7,429.08	7.11	1,046.223		
500.00	499.84	449.28	449.27	3.79	3.67	117.43	-2,066.98	-7,142.73	7,439.12	7,431.66	7.46	997.207		
600.00	599.45	552.96	552.94	4.03	3.90	117.41	-2,067.40	-7,143.15	7,443.65	7,435.74	7.92	940.192		
700.00	698.70	638.07	638.05	4.30	4.11	117.37	-2,068.01	-7,143.45	7,449.83	7,441.43	8.40	886.726		
800.00	797.47	709.77	709.74	4.60	4.30	117.30	-2,068.45	-7,143.98	7,457.97	7,449.06	8.90	837.595		
900.00	895.62	794.11	794.08	4.94	4.55	117.23	-2,068.80	-7,144.87	7,467.98	7,458.50	9.49	787.035		
1,000.00	993.06	885.91	885.87	5.32	4.83	117.16	-2,069.37	-7,145.92	7,479.76	7,469.61	10.15	737.243		
1,100.00	1,089.64	970.00	969.95	5.73	5.11	117.06	-2,069.90	-7,146.95	7,493.26	7,482.43	10.82	692.253		
1,131.50	1,119.87	970.00	969.95	5.87	5.11	116.98	-2,069.90	-7,146.95	7,497.95	7,486.99	10.96	684.214		
1,200.00	1,185.51	1,017.17	1,017.12	6.18	5.27	117.07	-2,069.86	-7,147.82	7,508.44	7,497.03	11.41	657.960		
1,300.00	1,281.33	1,061.00	1,060.93	6.65	5.42	117.16	-2,069.37	-7,149.06	7,524.44	7,512.43	12.01	626.589		
1,400.00	1,377.14	1,102.62	1,102.50	7.13	5.56	117.25	-2,068.56	-7,150.63	7,541.19	7,528.57	12.61	597.886		
1,500.00	1,472.96	1,153.00	1,152.81	7.63	5.73	117.37	-2,067.16	-7,153.05	7,558.73	7,545.47	13.26	569.969		
1,600.00	1,568.78	1,184.67	1,184.41	8.14	5.84	117.44	-2,066.01	-7,154.87	7,577.01	7,563.15	13.86	546.861		
1,700.00	1,664.60	1,248.00	1,247.51	8.66	6.07	117.59	-2,062.98	-7,159.22	7,596.15	7,581.57	14.57	521.271		
1,800.00	1,760.41	1,248.00	1,247.51	9.19	6.07	117.59	-2,062.98	-7,159.22	7,615.95	7,600.89	15.06	505.609		
1,900.00	1,856.23	1,291.26	1,290.55	9.73	6.23	117.70	-2,060.47	-7,162.80	7,636.63	7,620.91	15.72	485.820		
2,000.00	1,952.05	1,343.00	1,341.94	10.27	6.42	117.84	-2,057.16	-7,167.86	7,658.34	7,641.93	16.41	466.614		
2,100.00	2,047.86	1,343.00	1,341.94	10.81	6.42	117.84	-2,057.16	-7,167.86	7,680.75	7,663.84	16.91	454.280		
2,200.00	2,143.68	1,400.02	1,398.46	11.36	6.64	117.99	-2,053.05	-7,174.17	7,703.98	7,686.35	17.63	436.990		
2,300.00	2,239.50	1,449.77	1,447.68	11.92	6.84	118.12	-2,049.01	-7,180.11	7,727.90	7,709.57	18.33	421.659		
2,400.00	2,335.32	1,520.70	1,517.79	12.47	7.13	118.32	-2,042.89	-7,188.92	7,752.31	7,733.19	19.12	405.472		
2,500.00	2,431.13	1,606.42	1,602.48	13.03	7.49	118.55	-2,035.27	-7,199.77	7,777.03	7,757.05	19.98	389.175		
2,600.00	2,526.95	1,680.18	1,675.37	13.59	7.81	118.75	-2,028.89	-7,209.14	7,802.00	7,781.20	20.80	375.046		
2,700.00	2,622.77	1,807.48	1,801.27	14.15	8.38	119.09	-2,019.01	-7,225.16	7,827.23	7,805.36	21.87	357.872		
2,800.00	2,718.59	1,878.92	1,871.99	14.72	8.70	119.28	-2,013.81	-7,233.84	7,852.26	7,829.57	22.69	346.042		
2,900.00	2,814.40	1,995.73	1,987.71	15.29	9.24	119.57	-2,006.43	-7,248.00	7,877.60	7,853.87	23.73	332.025		
3,000.00	2,910.22	2,087.49	2,078.64	15.85	9.67	119.80	-2,000.71	-7,258.79	7,902.71	7,878.06	24.65	320.620		
3,100.00	3,006.04	2,165.11	2,155.51	16.42	10.03	119.99	-1,995.23	-7,268.12	7,928.06	7,902.55	25.51	310.803		
3,200.00	3,101.85	2,277.79	2,267.02	16.99	10.57	120.28	-1,986.65	-7,281.84	7,953.60	7,927.06	26.54	299.656		
3,300.00	3,197.67	2,409.27	2,397.19	17.56	11.20	120.62	-1,976.39	-7,297.26	7,978.84	7,951.17	27.67	288.310		
3,400.00	3,293.49	2,530.81	2,517.56	18.14	11.79	120.92	-1,966.69	-7,310.91	8,003.72	7,974.95	28.76	278.262		
3,500.00	3,389.31	2,619.51	2,605.39	18.71	12.22	121.15	-1,959.26	-7,320.83	8,028.64	7,998.95	29.69	270.401		
3,600.00	3,485.12	2,695.73	2,680.90	19.28	12.60	121.34	-1,953.25	-7,329.35	8,053.78	8,023.22	30.56	263.556		
3,700.00	3,580.94	2,759.00	2,743.57	19.86	12.91	121.49	-1,948.41	-7,336.59	8,079.32	8,047.97	31.36	257.644		
3,800.00	3,676.76	2,821.04	2,804.99	20.43	13.21	121.65	-1,943.64	-7,343.92	8,105.32	8,073.16	32.15	252.088		
3,900.00	3,772.58	2,888.89	2,872.12	21.01	13.55	121.82	-1,938.27	-7,352.19	8,131.75	8,098.78	32.98	246.594		
4,000.00	3,868.39	2,980.08	2,962.30	21.58	14.01	122.04	-1,930.84	-7,363.49	8,158.47	8,124.55	33.92	240.510		
4,100.00	3,964.21	3,106.44	3,087.39	22.16	14.65	122.35	-1,921.28	-7,378.61	8,184.99	8,149.95	35.05	233.528		
4,200.00	4,060.03	3,176.58	3,156.82	22.74	15.00	122.52	-1,915.89	-7,386.93	8,211.57	8,175.69	35.88	228.833		
4,300.00	4,155.85	3,241.00	3,220.55	23.32	15.33	122.67	-1,910.87	-7,394.93	8,238.70	8,202.01	36.69	224.553		
4,400.00	4,251.66	3,383.35	3,361.56	23.89	16.04	123.00	-1,901.47	-7,411.96	8,265.73	8,227.83	37.90	218.102		
4,500.00	4,347.48	3,617.65	3,594.12	24.47	17.19	123.53	-1,887.19	-7,436.55	8,291.28	8,251.71	39.58	209.497		
4,600.00	4,443.30	3,728.86	3,704.45	25.05	17.74	123.78	-1,878.67	-7,447.59	8,316.56	8,275.93	40.63	204.709		
4,700.00	4,539.11	3,839.98	3,814.70	25.63	18.29	124.04	-1,870.07	-7,458.47	8,341.84	8,300.16	41.68	200.157		
4,800.00	4,634.93	3,944.03	3,917.89	26.21	18.80	124.28	-1,861.02	-7,468.23	8,366.71	8,324.02	42.69	195.977		
4,900.00	4,730.75	4,002.00	3,975.35	26.79	19.09	124.42	-1,855.81	-7,473.97	8,392.13	8,348.66	43.47	193.073		
5,000.00	4,826.57	4,042.87	4,015.83	27.37	19.30	124.52	-1,852.11	-7,478.22	8,418.10	8,373.95	44.15	190.680		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	4,097.00	4,069.40	27.95	19.58	124.65	-1,847.05	-7,484.08	8,444.63	8,399.73	44.90	188.086		
5,200.00	5,018.20	4,232.65	4,203.63	28.53	20.27	124.97	-1,833.98	-7,498.63	8,471.12	8,425.03	46.09	183.792		
5,300.00	5,114.02	4,329.28	4,299.40	29.11	20.76	125.19	-1,825.92	-7,508.69	8,497.61	8,450.54	47.07	180.541		
5,400.00	5,209.84	4,430.64	4,399.95	29.69	21.26	125.41	-1,818.43	-7,519.00	8,524.06	8,476.00	48.06	177.348		
5,500.00	5,305.65	4,627.43	4,595.59	30.27	22.21	125.82	-1,807.56	-7,537.12	8,549.74	8,500.19	49.55	172.547		
5,600.00	5,401.47	5,255.14	5,222.08	30.86	24.96	126.91	-1,796.09	-7,570.24	8,572.33	8,519.28	53.05	161.595		
5,700.00	5,497.29	5,349.18	5,316.10	31.44	25.34	127.06	-1,795.53	-7,572.18	8,592.02	8,538.05	53.97	159.192		
5,800.00	5,593.10	5,460.10	5,426.99	32.02	25.80	127.24	-1,794.97	-7,574.39	8,611.74	8,556.76	54.97	156.654		
5,900.00	5,688.92	5,569.53	5,536.41	32.60	26.24	127.41	-1,795.09	-7,576.19	8,631.22	8,575.25	55.96	154.229		
6,000.00	5,784.74	5,653.89	5,620.76	33.18	26.58	127.53	-1,795.33	-7,577.63	8,650.83	8,593.99	56.84	152.194		
6,100.00	5,880.56	5,746.52	5,713.38	33.76	26.96	127.68	-1,795.15	-7,579.34	8,670.60	8,612.84	57.76	150.121		
6,200.00	5,976.37	5,850.72	5,817.56	34.35	27.38	127.84	-1,795.04	-7,581.18	8,690.36	8,631.63	58.73	147.975		
6,300.00	6,072.19	5,940.47	5,907.29	34.93	27.75	127.98	-1,794.81	-7,582.74	8,710.14	8,650.50	59.63	146.062		
6,400.00	6,168.01	6,029.33	5,996.14	35.51	28.12	128.11	-1,794.84	-7,584.40	8,730.11	8,669.58	60.53	144.220		
6,500.00	6,263.83	6,212.87	6,179.66	36.09	28.86	128.38	-1,795.56	-7,586.85	8,749.68	8,687.81	61.86	141.437		
6,600.00	6,359.64	6,284.75	6,251.53	36.68	29.14	128.49	-1,795.95	-7,587.54	8,768.93	8,706.25	62.68	139.897		
6,700.00	6,455.46	6,420.35	6,387.13	37.26	29.68	128.68	-1,797.14	-7,588.70	8,788.17	8,724.38	63.78	137.779		
6,733.48	6,487.54	6,457.07	6,423.82	37.45	29.81	128.73	-1,798.52	-7,588.84	8,794.52	8,730.41	64.11	137.183		
6,750.00	6,503.41	6,469.55	6,436.27	37.55	29.86	124.86	-1,799.28	-7,588.87	8,797.45	8,733.21	64.24	136.944		
6,800.00	6,551.83	6,521.91	6,488.35	37.82	30.04	109.98	-1,804.58	-7,588.84	8,803.72	8,739.03	64.69	136.092		
6,850.00	6,600.62	6,547.20	6,513.35	38.05	30.13	90.63	-1,808.41	-7,588.78	8,806.16	8,741.16	65.00	135.476		
6,900.00	6,649.47	6,569.00	6,534.79	38.25	30.20	70.22	-1,812.38	-7,588.78	8,804.86	8,739.59	65.27	134.897		
6,950.00	6,698.08	6,581.34	6,546.87	38.42	30.24	53.24	-1,814.90	-7,588.80	8,799.83	8,734.36	65.47	134.412		
7,000.00	6,746.15	6,600.00	6,565.05	38.57	30.30	40.99	-1,819.09	-7,588.89	8,791.12	8,725.46	65.66	133.883		
7,050.00	6,793.39	6,600.00	6,565.05	38.71	30.30	32.48	-1,819.09	-7,588.89	8,778.79	8,713.03	65.76	133.506		
7,100.00	6,839.50	6,620.28	6,584.68	38.84	30.36	26.46	-1,824.14	-7,589.08	8,762.87	8,696.96	65.90	132.963		
7,150.00	6,884.20	6,632.00	6,595.97	38.97	30.40	22.06	-1,827.30	-7,589.24	8,743.48	8,677.48	66.00	132.476		
7,200.00	6,927.21	6,648.13	6,611.42	39.11	30.45	18.72	-1,831.94	-7,589.50	8,720.72	8,654.62	66.09	131.943		
7,250.00	6,968.28	6,664.00	6,626.51	39.25	30.49	16.09	-1,836.83	-7,589.78	8,694.67	8,628.50	66.17	131.392		
7,300.00	7,007.13	6,688.07	6,649.18	39.41	30.56	13.92	-1,844.90	-7,590.21	8,665.47	8,599.20	66.27	130.760		
7,350.00	7,043.55	6,706.24	6,666.10	39.58	30.61	12.08	-1,851.52	-7,590.54	8,633.26	8,566.93	66.33	130.151		
7,400.00	7,077.29	6,727.00	6,685.20	39.77	30.67	10.44	-1,859.65	-7,590.93	8,598.26	8,531.87	66.40	129.498		
7,450.00	7,108.16	6,753.17	6,708.87	39.98	30.73	8.88	-1,870.79	-7,591.38	8,560.63	8,494.16	66.47	128.781		
7,500.00	7,135.96	6,815.47	6,763.15	40.22	30.87	7.14	-1,901.32	-7,591.97	8,520.49	8,453.81	66.68	127.780		
7,550.00	7,160.53	6,858.07	6,798.64	40.49	30.95	5.29	-1,924.87	-7,592.01	8,478.09	8,411.28	66.81	126.892		
7,600.00	7,181.70	6,876.08	6,813.29	40.79	30.98	3.28	-1,935.35	-7,591.96	8,433.77	8,366.91	66.86	126.148		
7,650.00	7,199.35	6,886.00	6,821.27	41.13	31.00	0.79	-1,941.23	-7,591.92	8,387.81	8,320.94	66.87	125.433		
7,700.00	7,213.38	6,886.00	6,821.27	41.51	31.00	-2.60	-1,941.23	-7,591.92	8,340.51	8,273.66	66.85	124.764		
7,750.00	7,223.68	6,897.17	6,830.19	41.93	31.02	-8.32	-1,947.96	-7,591.88	8,292.12	8,225.24	66.88	123.987		
7,800.00	7,230.21	6,899.54	6,832.08	42.38	31.03	-19.23	-1,949.40	-7,591.88	8,242.96	8,176.08	66.88	123.251		
7,850.00	7,232.92	6,900.48	6,832.82	42.87	31.03	-45.94	-1,949.97	-7,591.87	8,193.31	8,126.43	66.88	122.502		
7,858.69	7,233.00	6,900.50	6,832.83	42.95	31.03	-53.77	-1,949.98	-7,591.87	8,184.65	8,117.77	66.88	122.370		
7,900.00	7,233.10	6,900.46	6,832.81	43.38	31.03	-53.77	-1,949.96	-7,591.87	8,143.50	8,076.61	66.89	121.747		
8,000.00	7,233.35	6,900.38	6,832.74	44.56	31.03	-53.77	-1,949.91	-7,591.87	8,043.87	7,976.96	66.90	120.236		
8,100.00	7,233.60	6,900.30	6,832.68	45.91	31.03	-53.76	-1,949.86	-7,591.87	7,944.24	7,877.33	66.92	118.721		
8,200.00	7,233.85	6,900.22	6,832.62	47.41	31.03	-53.75	-1,949.81	-7,591.87	7,844.63	7,777.70	66.93	117.202		
8,300.00	7,234.10	6,900.14	6,832.55	49.05	31.03	-53.75	-1,949.77	-7,591.87	7,745.03	7,678.08	66.95	115.679		
8,400.00	7,234.35	6,900.06	6,832.49	50.81	31.03	-53.74	-1,949.72	-7,591.87	7,645.44	7,578.46	66.98	114.152		
8,500.00	7,234.59	6,899.98	6,832.42	52.68	31.03	-53.73	-1,949.67	-7,591.88	7,545.86	7,478.85	67.00	112.620		
8,600.00	7,234.84	6,899.90	6,832.36	54.65	31.03	-53.72	-1,949.62	-7,591.88	7,446.29	7,379.25	67.03	111.085		
8,700.00	7,235.09	6,899.81	6,832.29	56.70	31.03	-53.72	-1,949.56	-7,591.88	7,346.73	7,279.66	67.07	109.545		
8,800.00	7,235.34	6,899.73	6,832.22	58.82	31.03	-53.71	-1,949.51	-7,591.88	7,247.18	7,180.08	67.10	108.001		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,235.59	6,899.65	6,832.16	61.01	31.03	-53.70	-1,949.46	-7,591.88	7,147.65	7,080.50	67.14	106.452		
9,000.00	7,235.84	6,899.56	6,832.09	63.25	31.03	-53.70	-1,949.41	-7,591.88	7,048.13	6,980.94	67.19	104.900		
9,100.00	7,236.09	6,899.47	6,832.02	65.55	31.02	-53.69	-1,949.36	-7,591.88	6,948.62	6,881.38	67.24	103.343		
9,200.00	7,236.34	6,899.39	6,831.95	67.89	31.02	-53.68	-1,949.31	-7,591.88	6,849.13	6,781.84	67.29	101.782		
9,300.00	7,236.58	6,899.30	6,831.88	70.27	31.02	-53.68	-1,949.25	-7,591.88	6,749.65	6,682.30	67.35	100.216		
9,400.00	7,236.83	6,899.21	6,831.81	72.69	31.02	-53.67	-1,949.20	-7,591.88	6,650.19	6,582.78	67.41	98.646		
9,500.00	7,237.08	6,899.12	6,831.74	75.14	31.02	-53.66	-1,949.14	-7,591.88	6,550.75	6,483.26	67.48	97.072		
9,600.00	7,237.33	6,899.03	6,831.67	77.62	31.02	-53.65	-1,949.09	-7,591.88	6,451.32	6,383.76	67.56	95.493		
9,700.00	7,237.58	6,898.94	6,831.60	80.12	31.02	-53.65	-1,949.04	-7,591.88	6,351.91	6,284.27	67.64	93.909		
9,800.00	7,237.83	6,898.85	6,831.53	82.65	31.02	-53.64	-1,948.98	-7,591.88	6,252.52	6,184.79	67.73	92.321		
9,900.00	7,238.08	6,898.76	6,831.45	85.20	31.02	-53.63	-1,948.92	-7,591.88	6,153.15	6,085.33	67.82	90.728		
10,000.00	7,238.32	6,898.67	6,831.38	87.77	31.02	-53.62	-1,948.87	-7,591.88	6,053.80	5,985.88	67.92	89.131		
10,100.00	7,238.57	6,898.57	6,831.31	90.36	31.02	-53.62	-1,948.81	-7,591.88	5,954.47	5,886.44	68.03	87.529		
10,200.00	7,238.82	6,898.48	6,831.23	92.97	31.02	-53.61	-1,948.75	-7,591.88	5,855.16	5,787.02	68.15	85.922		
10,300.00	7,239.07	6,898.39	6,831.16	95.59	31.02	-53.60	-1,948.70	-7,591.88	5,755.88	5,687.61	68.27	84.310		
10,400.00	7,239.32	6,898.29	6,831.08	98.22	31.02	-53.59	-1,948.64	-7,591.88	5,656.62	5,588.22	68.40	82.693		
10,500.00	7,239.57	6,898.19	6,831.00	100.87	31.02	-53.58	-1,948.58	-7,591.88	5,557.39	5,488.85	68.55	81.072		
10,600.00	7,239.82	6,898.10	6,830.93	103.52	31.02	-53.58	-1,948.52	-7,591.88	5,458.19	5,389.49	68.70	79.445		
10,700.00	7,240.07	6,898.00	6,830.85	106.19	31.02	-53.57	-1,948.46	-7,591.88	5,359.02	5,290.15	68.87	77.813		
10,800.00	7,240.31	6,897.90	6,830.77	108.87	31.02	-53.56	-1,948.40	-7,591.88	5,259.88	5,190.83	69.05	76.176		
10,900.00	7,240.56	6,897.80	6,830.69	111.56	31.02	-53.55	-1,948.34	-7,591.88	5,160.77	5,091.53	69.24	74.534		
11,000.00	7,240.81	6,897.70	6,830.61	114.25	31.02	-53.54	-1,948.28	-7,591.88	5,061.70	4,992.25	69.45	72.887		
11,100.00	7,241.06	6,897.60	6,830.53	116.96	31.02	-53.54	-1,948.22	-7,591.88	4,962.66	4,893.00	69.67	71.235		
11,200.00	7,241.31	6,897.49	6,830.45	119.67	31.02	-53.53	-1,948.16	-7,591.88	4,863.67	4,793.77	69.90	69.578		
11,300.00	7,241.56	6,897.39	6,830.37	122.39	31.02	-53.52	-1,948.09	-7,591.88	4,764.71	4,694.56	70.16	67.915		
11,400.00	7,241.81	6,897.29	6,830.28	125.11	31.02	-53.51	-1,948.03	-7,591.88	4,665.81	4,595.37	70.43	66.247		
11,500.00	7,242.06	6,897.18	6,830.20	127.84	31.02	-53.50	-1,947.97	-7,591.88	4,566.94	4,496.22	70.72	64.574		
11,600.00	7,242.30	6,897.07	6,830.11	130.58	31.02	-53.49	-1,947.90	-7,591.88	4,468.13	4,397.09	71.04	62.896		
11,700.00	7,242.55	6,896.97	6,830.03	133.32	31.02	-53.48	-1,947.84	-7,591.88	4,369.38	4,298.00	71.38	61.213		
11,800.00	7,242.80	6,896.86	6,829.94	136.07	31.02	-53.47	-1,947.77	-7,591.88	4,270.68	4,198.93	71.75	59.525		
11,900.00	7,243.05	6,896.75	6,829.86	138.82	31.02	-53.47	-1,947.70	-7,591.88	4,172.04	4,099.90	72.14	57.832		
12,000.00	7,243.30	6,896.64	6,829.77	141.58	31.02	-53.46	-1,947.64	-7,591.88	4,073.47	4,000.90	72.57	56.135		
12,100.00	7,243.55	6,896.53	6,829.68	144.34	31.02	-53.45	-1,947.57	-7,591.88	3,974.97	3,901.94	73.02	54.433		
12,200.00	7,243.80	6,896.42	6,829.59	147.10	31.02	-53.44	-1,947.50	-7,591.88	3,876.55	3,803.03	73.52	52.728		
12,300.00	7,244.04	6,896.30	6,829.50	149.87	31.02	-53.43	-1,947.43	-7,591.88	3,778.21	3,704.15	74.06	51.019		
12,400.00	7,244.29	6,896.19	6,829.41	152.64	31.02	-53.42	-1,947.36	-7,591.88	3,679.96	3,605.32	74.63	49.307		
12,500.00	7,244.54	6,896.07	6,829.32	155.41	31.02	-53.41	-1,947.29	-7,591.88	3,581.80	3,506.54	75.26	47.592		
12,600.00	7,244.79	6,895.96	6,829.23	158.19	31.02	-53.40	-1,947.22	-7,591.88	3,483.75	3,407.81	75.94	45.875		
12,700.00	7,245.04	6,895.84	6,829.13	160.97	31.02	-53.39	-1,947.15	-7,591.88	3,385.82	3,309.14	76.68	44.157		
12,800.00	7,245.29	6,895.72	6,829.04	163.75	31.02	-53.38	-1,947.08	-7,591.88	3,288.01	3,210.53	77.48	42.438		
12,900.00	7,245.54	6,895.60	6,828.94	166.54	31.02	-53.37	-1,947.01	-7,591.88	3,190.34	3,111.99	78.35	40.721		
13,000.00	7,245.79	6,895.48	6,828.85	169.33	31.02	-53.36	-1,946.94	-7,591.88	3,092.81	3,013.52	79.29	39.004		
13,100.00	7,246.03	6,895.36	6,828.75	172.12	31.02	-53.35	-1,946.86	-7,591.88	2,995.45	2,915.12	80.33	37.291		
13,200.00	7,246.28	6,895.24	6,828.65	174.91	31.02	-53.34	-1,946.79	-7,591.88	2,898.26	2,816.81	81.45	35.583		
13,300.00	7,246.53	6,895.11	6,828.55	177.71	31.02	-53.33	-1,946.71	-7,591.88	2,801.28	2,718.60	82.68	33.880		
13,400.00	7,246.78	6,894.99	6,828.45	180.50	31.02	-53.32	-1,946.64	-7,591.88	2,704.52	2,620.49	84.03	32.186		
13,500.00	7,247.03	6,894.86	6,828.35	183.30	31.02	-53.31	-1,946.56	-7,591.88	2,607.99	2,522.49	85.50	30.502		
13,600.00	7,247.28	6,894.73	6,828.25	186.10	31.02	-53.30	-1,946.48	-7,591.88	2,511.75	2,424.62	87.12	28.830		
13,700.00	7,247.53	6,894.60	6,828.15	188.91	31.02	-53.29	-1,946.40	-7,591.88	2,415.80	2,326.90	88.90	27.174		
13,800.00	7,247.77	6,894.47	6,828.04	191.71	31.02	-53.28	-1,946.33	-7,591.88	2,320.20	2,229.34	90.86	25.536		
13,900.00	7,248.02	6,894.34	6,827.94	194.52	31.02	-53.27	-1,946.25	-7,591.88	2,224.99	2,131.96	93.02	23.919		
14,000.00	7,248.27	6,894.21	6,827.83	197.32	31.02	-53.26	-1,946.17	-7,591.88	2,130.21	2,034.80	95.41	22.326		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	6,894.07	6,827.72	200.13	31.02	-53.24	-1,946.08	-7,591.89	2,035.93	1,937.88	98.06	20.762		
14,200.00	7,248.77	6,893.94	6,827.62	202.94	31.02	-53.23	-1,946.00	-7,591.89	1,942.23	1,841.23	101.00	19.231		
14,300.00	7,249.02	6,893.80	6,827.51	205.76	31.02	-53.22	-1,945.92	-7,591.89	1,849.19	1,744.93	104.26	17.736		
14,400.00	7,249.27	6,893.66	6,827.40	208.57	31.02	-53.21	-1,945.84	-7,591.89	1,756.91	1,649.01	107.90	16.283		
14,500.00	7,249.52	6,893.52	6,827.28	211.38	31.01	-53.20	-1,945.75	-7,591.89	1,665.52	1,553.56	111.97	14.875		
14,600.00	7,249.76	6,893.38	6,827.17	214.20	31.01	-53.19	-1,945.67	-7,591.89	1,575.18	1,458.67	116.51	13.519		
14,700.00	7,250.01	6,893.24	6,827.06	217.02	31.01	-53.18	-1,945.58	-7,591.90	1,486.08	1,364.47	121.61	12.220		
14,800.00	7,250.26	6,893.09	6,826.94	219.84	31.01	-53.16	-1,945.49	-7,591.90	1,398.45	1,271.12	127.33	10.983		
14,900.00	7,250.51	6,892.95	6,826.83	222.65	31.01	-53.15	-1,945.40	-7,591.90	1,312.59	1,178.84	133.75	9.814		
15,000.00	7,250.76	6,892.80	6,826.71	225.48	31.01	-53.14	-1,945.31	-7,591.90	1,228.87	1,087.90	140.97	8.718		
15,100.00	7,251.01	6,892.65	6,826.59	228.30	31.01	-53.13	-1,945.23	-7,591.90	1,147.76	998.71	149.05	7.701		
15,200.00	7,251.26	6,892.50	6,826.47	231.12	31.01	-53.11	-1,945.13	-7,591.90	1,069.85	911.78	158.07	6.768		
15,300.00	7,251.50	6,892.35	6,826.35	233.94	31.01	-53.10	-1,945.04	-7,591.90	995.90	827.86	168.04	5.926		
15,400.00	7,251.75	6,892.19	6,826.22	236.77	31.01	-53.09	-1,944.95	-7,591.90	926.85	747.93	178.92	5.180		
15,500.00	7,252.00	6,892.04	6,826.10	239.59	31.01	-53.08	-1,944.86	-7,591.90	863.87	673.36	190.51	4.535		
15,600.00	7,252.25	6,891.88	6,825.97	242.42	31.01	-53.06	-1,944.76	-7,591.90	808.40	605.98	202.41	3.994		
15,700.00	7,252.50	6,891.72	6,825.85	245.24	31.01	-53.05	-1,944.67	-7,591.90	762.06	548.10	213.96	3.562		
15,800.00	7,252.75	6,891.56	6,825.72	248.07	31.01	-53.04	-1,944.57	-7,591.90	726.61	502.42	224.20	3.241		
15,900.00	7,253.00	6,891.40	6,825.59	250.90	31.01	-53.02	-1,944.47	-7,591.90	703.70	471.69	232.01	3.033		
16,000.00	7,253.25	6,891.23	6,825.46	253.73	31.01	-53.01	-1,944.37	-7,591.90	694.57	458.15	236.42	2.938		
16,013.85	7,253.28	6,891.21	6,825.44	254.12	31.01	-53.01	-1,944.36	-7,591.90	694.43	457.70	236.73	2.933 CC, ES, SF		
16,100.00	7,253.49	6,891.07	6,825.33	256.56	31.01	-53.00	-1,944.27	-7,591.90	699.76	462.84	236.92	2.954		
16,200.00	7,253.74	6,890.90	6,825.19	259.39	31.01	-52.98	-1,944.17	-7,591.90	718.95	485.31	233.64	3.077		
16,300.00	7,253.99	6,890.73	6,825.06	262.22	31.01	-52.97	-1,944.07	-7,591.90	751.08	523.73	227.35	3.304		
16,400.00	7,254.24	6,890.56	6,824.92	265.05	31.01	-52.95	-1,943.97	-7,591.90	794.58	575.53	219.04	3.627		
16,500.00	7,254.49	6,890.38	6,824.78	267.88	31.01	-52.94	-1,943.86	-7,591.91	847.69	637.98	209.71	4.042		
16,600.00	7,254.74	6,890.21	6,824.64	270.72	31.01	-52.93	-1,943.76	-7,591.91	908.74	708.64	200.11	4.541		
16,700.00	7,254.99	6,886.00	6,821.27	273.55	31.00	-52.58	-1,941.23	-7,591.92	976.25	786.11	190.14	5.134		
16,800.00	7,255.24	6,886.00	6,821.27	276.38	31.00	-52.58	-1,941.23	-7,591.92	1,048.95	867.56	181.39	5.783		
16,900.00	7,255.48	6,886.00	6,821.27	279.22	31.00	-52.58	-1,941.23	-7,591.92	1,125.84	952.53	173.31	6.496		
17,000.00	7,255.73	6,886.00	6,821.27	282.05	31.00	-52.58	-1,941.23	-7,591.92	1,206.13	1,040.19	165.94	7.268		
17,100.00	7,255.98	6,886.00	6,821.27	284.89	31.00	-52.58	-1,941.23	-7,591.92	1,289.18	1,129.91	159.27	8.094		
17,200.00	7,256.23	6,886.00	6,821.27	287.73	31.00	-52.58	-1,941.23	-7,591.92	1,374.48	1,221.22	153.26	8.968		
17,300.00	7,256.48	6,886.00	6,821.27	290.56	31.00	-52.58	-1,941.23	-7,591.92	1,461.65	1,313.81	147.85	9.886		
17,400.00	7,256.73	6,886.00	6,821.27	293.40	31.00	-52.58	-1,941.23	-7,591.92	1,550.38	1,407.40	142.97	10.844		
17,500.00	7,256.98	6,886.00	6,821.27	296.24	31.00	-52.58	-1,941.23	-7,591.92	1,640.39	1,501.81	138.58	11.837		
17,600.00	7,257.22	6,886.00	6,821.27	299.07	31.00	-52.58	-1,941.23	-7,591.92	1,731.51	1,596.89	134.62	12.862		
17,700.00	7,257.47	6,886.00	6,821.27	301.91	31.00	-52.58	-1,941.23	-7,591.92	1,823.55	1,692.52	131.04	13.917		
17,800.00	7,257.72	6,886.00	6,821.27	304.75	31.00	-52.58	-1,941.23	-7,591.92	1,916.40	1,788.61	127.79	14.997		
17,900.00	7,257.97	6,886.00	6,821.27	307.59	31.00	-52.58	-1,941.23	-7,591.92	2,009.93	1,885.09	124.84	16.100		
18,000.00	7,258.22	6,886.00	6,821.27	310.43	31.00	-52.58	-1,941.23	-7,591.92	2,104.05	1,981.90	122.15	17.225		
18,100.00	7,258.47	6,886.00	6,821.27	313.27	31.00	-52.58	-1,941.23	-7,591.92	2,198.69	2,078.99	119.70	18.368		
18,200.00	7,258.72	6,886.00	6,821.27	316.11	31.00	-52.58	-1,941.23	-7,591.92	2,293.79	2,176.33	117.46	19.528		
18,300.00	7,258.97	6,886.00	6,821.27	318.95	31.00	-52.58	-1,941.23	-7,591.92	2,389.29	2,273.88	115.41	20.702		
18,400.00	7,259.21	6,886.00	6,821.27	321.79	31.00	-52.58	-1,941.23	-7,591.92	2,485.14	2,371.62	113.53	21.890		
18,500.00	7,259.46	6,886.00	6,821.27	324.63	31.00	-52.58	-1,941.23	-7,591.92	2,581.31	2,469.52	111.79	23.090		
18,600.00	7,259.71	6,886.00	6,821.27	327.48	31.00	-52.58	-1,941.23	-7,591.92	2,677.76	2,567.57	110.19	24.300		
18,700.00	7,259.96	6,886.00	6,821.27	330.32	31.00	-52.58	-1,941.23	-7,591.92	2,774.46	2,665.74	108.72	25.520		
18,800.00	7,260.21	6,886.00	6,821.27	333.16	31.00	-52.58	-1,941.23	-7,591.92	2,871.38	2,764.03	107.35	26.747		
18,900.00	7,260.46	6,886.00	6,821.27	336.00	31.00	-52.58	-1,941.23	-7,591.92	2,968.51	2,862.43	106.09	27.982		
19,000.00	7,260.71	6,886.00	6,821.27	338.85	31.00	-52.58	-1,941.23	-7,591.92	3,065.83	2,960.91	104.91	29.222		
19,100.00	7,260.95	6,886.00	6,821.27	341.69	31.00	-52.58	-1,941.23	-7,591.92	3,163.31	3,059.49	103.82	30.468		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>	Falken 9-11 PAD - Harvesters Resources #15M-303(PR) - OH - OH											<b>Offset Site Error:</b>	0.00 ft
<b>Survey Program:</b>	146-MWD											<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
19,118.22	7,261.00	6,886.00	6,821.27	342.21	31.00	-52.58	-1,941.23	-7,591.92	3,181.09	3,077.45	103.63	30.695	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-106.17	-2,062.04	-7,111.30	7,404.23					
100.00	100.00	113.23	113.23	3.28	3.29	-106.17	-2,062.23	-7,111.06	7,404.08	7,397.51	6.57	1,126.240		
200.00	200.00	204.18	204.18	3.34	3.33	-106.18	-2,062.71	-7,110.61	7,403.77	7,397.10	6.67	1,110.480		
248.00	248.00	238.00	238.00	3.38	3.36	-106.18	-2,063.00	-7,110.48	7,403.71	7,396.97	6.74	1,098.298		
300.00	300.00	262.92	262.91	3.44	3.38	-106.18	-2,063.24	-7,110.45	7,403.80	7,396.97	6.83	1,084.224		
400.00	399.98	306.61	306.60	3.60	3.43	117.39	-2,063.62	-7,110.68	7,405.35	7,398.31	7.03	1,053.051		
500.00	499.84	454.69	454.67	3.79	3.68	117.38	-2,065.10	-7,111.82	7,408.87	7,401.41	7.46	992.707		
600.00	599.45	582.71	582.68	4.03	3.96	117.37	-2,066.87	-7,111.58	7,413.08	7,405.10	7.98	928.733		
700.00	698.70	715.30	715.25	4.30	4.31	117.37	-2,068.38	-7,111.00	7,418.62	7,410.02	8.61	861.956		
800.00	797.47	798.66	798.60	4.60	4.56	117.32	-2,069.63	-7,110.50	7,425.69	7,416.53	9.16	810.627		
900.00	895.62	943.67	943.60	4.94	5.02	117.35	-2,071.71	-7,109.32	7,434.23	7,424.27	9.96	746.101		
1,000.00	993.06	1,043.82	1,043.74	5.32	5.36	117.32	-2,072.79	-7,108.09	7,443.87	7,433.19	10.68	697.298		
1,100.00	1,089.64	1,125.83	1,125.74	5.73	5.65	117.25	-2,073.15	-7,107.38	7,455.33	7,443.96	11.37	655.946		
1,131.50	1,119.87	1,151.39	1,151.29	5.87	5.74	117.23	-2,073.23	-7,107.20	7,459.32	7,447.73	11.59	643.553		
1,200.00	1,185.51	1,223.60	1,223.51	6.18	6.00	117.37	-2,073.45	-7,106.70	7,468.21	7,456.06	12.15	614.695		
1,300.00	1,281.33	1,308.00	1,307.90	6.65	6.31	117.53	-2,073.76	-7,106.08	7,481.23	7,468.31	12.91	579.343		
1,400.00	1,377.14	1,410.07	1,409.97	7.13	6.69	117.73	-2,074.14	-7,105.51	7,494.49	7,480.73	13.77	544.432		
1,500.00	1,472.96	1,514.10	1,514.00	7.63	7.08	117.93	-2,074.14	-7,104.79	7,507.62	7,492.98	14.64	512.726		
1,600.00	1,568.78	1,621.94	1,621.84	8.14	7.50	118.14	-2,074.10	-7,103.98	7,520.76	7,505.21	15.55	483.622		
1,700.00	1,664.60	1,699.64	1,699.54	8.66	7.80	118.29	-2,074.09	-7,103.38	7,533.99	7,517.64	16.36	460.649		
1,800.00	1,760.41	1,798.21	1,798.10	9.19	8.19	118.48	-2,074.28	-7,102.77	7,547.48	7,530.22	17.26	437.387		
1,900.00	1,856.23	1,861.13	1,861.02	9.73	8.44	118.59	-2,074.55	-7,102.36	7,561.11	7,543.10	18.01	419.722		
2,000.00	1,952.05	1,917.00	1,916.89	10.27	8.66	118.70	-2,074.43	-7,102.48	7,575.40	7,556.66	18.75	404.090		
2,100.00	2,047.86	1,966.09	1,965.97	10.81	8.84	118.80	-2,073.98	-7,102.96	7,590.32	7,570.87	19.45	390.285		
2,200.00	2,143.68	2,025.24	2,025.11	11.36	9.06	118.92	-2,073.01	-7,103.93	7,605.81	7,585.62	20.19	376.679		
2,300.00	2,239.50	2,096.48	2,096.30	11.92	9.33	119.08	-2,071.04	-7,105.55	7,621.77	7,600.78	20.99	363.162		
2,400.00	2,335.32	2,203.47	2,203.13	12.47	9.75	119.32	-2,066.12	-7,108.57	7,637.92	7,615.99	21.93	348.255		
2,500.00	2,431.13	2,344.70	2,344.01	13.03	10.30	119.66	-2,057.06	-7,112.46	7,653.75	7,630.72	23.03	332.368		
2,600.00	2,526.95	2,425.75	2,424.81	13.59	10.63	119.86	-2,050.98	-7,114.65	7,669.44	7,645.56	23.88	321.119		
2,700.00	2,622.77	2,487.00	2,485.82	14.15	10.87	120.01	-2,046.03	-7,116.66	7,685.67	7,661.02	24.66	311.679		
2,800.00	2,718.59	2,598.56	2,596.87	14.72	11.33	120.29	-2,036.12	-7,120.62	7,702.16	7,676.50	25.65	300.233		
2,900.00	2,814.40	2,685.18	2,683.02	15.29	11.69	120.52	-2,027.60	-7,123.77	7,718.67	7,692.12	26.55	290.737		
3,000.00	2,910.22	2,749.20	2,746.62	15.85	11.96	120.69	-2,020.74	-7,126.36	7,735.53	7,708.18	27.35	282.852		
3,100.00	3,006.04	2,817.12	2,814.01	16.42	12.25	120.87	-2,012.97	-7,129.42	7,752.85	7,724.68	28.17	275.244		
3,200.00	3,101.85	2,889.89	2,886.23	16.99	12.56	121.07	-2,004.71	-7,132.91	7,770.60	7,741.59	29.01	267.860		
3,300.00	3,197.67	2,963.00	2,958.83	17.56	12.88	121.27	-1,996.82	-7,136.45	7,788.67	7,758.81	29.86	260.876		
3,400.00	3,293.49	3,022.02	3,017.45	18.14	13.13	121.42	-1,990.64	-7,139.46	7,807.20	7,776.56	30.64	254.825		
3,500.00	3,389.31	3,084.57	3,079.55	18.71	13.41	121.59	-1,984.06	-7,143.01	7,826.34	7,794.90	31.44	248.965		
3,600.00	3,485.12	3,184.41	3,178.69	19.28	13.85	121.85	-1,973.76	-7,148.78	7,845.78	7,813.37	32.41	242.069		
3,700.00	3,580.94	3,360.92	3,354.14	19.86	14.63	122.30	-1,956.60	-7,157.56	7,864.72	7,830.96	33.76	232.990		
3,800.00	3,676.76	3,449.74	3,442.41	20.43	15.03	122.52	-1,947.58	-7,161.63	7,883.39	7,848.71	34.69	227.277		
3,900.00	3,772.58	3,562.67	3,554.61	21.01	15.54	122.81	-1,935.81	-7,166.61	7,902.00	7,866.26	35.74	221.119		
4,000.00	3,868.39	3,628.00	3,619.52	21.58	15.84	122.98	-1,929.01	-7,169.52	7,920.83	7,884.27	36.56	216.673		
4,100.00	3,964.21	3,691.34	3,682.45	22.16	16.12	123.14	-1,922.48	-7,172.56	7,940.13	7,902.76	37.37	212.493		
4,200.00	4,060.03	3,765.42	3,756.05	22.74	16.46	123.33	-1,914.94	-7,176.42	7,959.95	7,921.72	38.23	208.220		
4,300.00	4,155.85	3,841.32	3,831.46	23.32	16.81	123.52	-1,907.36	-7,180.40	7,979.98	7,940.88	39.10	204.092		
4,400.00	4,251.66	3,892.04	3,881.81	23.89	17.04	123.64	-1,902.00	-7,183.33	8,000.55	7,960.70	39.84	200.792		
4,500.00	4,347.48	3,958.23	3,947.45	24.47	17.35	123.82	-1,894.59	-7,187.53	8,021.68	7,981.01	40.67	197.247		
4,600.00	4,443.30	4,041.96	4,030.45	25.05	17.75	124.03	-1,884.97	-7,193.02	8,043.14	8,001.56	41.58	193.424		
4,700.00	4,539.11	4,223.91	4,210.73	25.63	18.61	124.51	-1,863.15	-7,204.20	8,064.39	8,021.38	43.01	187.498		
4,800.00	4,634.93	4,305.68	4,291.84	26.21	19.00	124.71	-1,853.82	-7,208.72	8,085.22	8,041.30	43.92	184.098		
4,900.00	4,730.75	4,529.84	4,514.46	26.79	20.05	125.27	-1,829.74	-7,219.20	8,105.52	8,059.96	45.56	177.921		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	4,665.65	4,649.42	27.37	20.69	125.60	-1,815.49	-7,224.16	8,125.07	8,078.33	46.74	173.836		
5,100.00	4,922.38	4,747.76	4,731.12	27.95	21.07	125.79	-1,807.71	-7,226.77	8,144.38	8,096.73	47.64	170.940		
5,200.00	5,018.20	4,872.08	4,855.02	28.53	21.63	126.07	-1,798.11	-7,230.44	8,163.78	8,115.03	48.76	167.445		
5,300.00	5,114.02	4,938.58	4,921.36	29.11	21.93	126.21	-1,793.89	-7,232.29	8,183.24	8,133.67	49.57	165.084		
5,400.00	5,209.84	5,200.72	5,183.27	29.69	23.06	126.70	-1,784.74	-7,236.07	8,201.59	8,150.28	51.31	159.847		
5,500.00	5,305.65	5,268.98	5,251.53	30.27	23.35	126.82	-1,783.82	-7,236.42	8,219.56	8,167.44	52.12	157.704		
5,600.00	5,401.47	5,338.00	5,320.54	30.86	23.64	126.94	-1,783.16	-7,236.97	8,237.92	8,184.99	52.93	155.631		
5,700.00	5,497.29	5,392.97	5,375.50	31.44	23.86	127.03	-1,782.83	-7,237.62	8,256.73	8,203.05	53.68	153.827		
5,800.00	5,593.10	5,433.00	5,415.53	32.02	24.03	127.09	-1,782.68	-7,238.25	8,276.08	8,221.74	54.35	152.285		
5,900.00	5,688.92	5,501.22	5,483.73	32.60	24.31	127.21	-1,782.57	-7,239.64	8,295.93	8,240.79	55.14	150.439		
6,000.00	5,784.74	5,763.37	5,745.82	33.18	25.36	127.60	-1,786.65	-7,242.45	8,314.75	8,257.93	56.82	146.330		
6,100.00	5,880.56	5,859.19	5,841.63	33.76	25.74	127.74	-1,788.32	-7,242.63	8,333.03	8,275.29	57.74	144.317		
6,200.00	5,976.37	5,943.29	5,925.72	34.35	26.07	127.86	-1,789.37	-7,242.88	8,351.45	8,292.84	58.61	142.492		
6,300.00	6,072.19	6,024.18	6,006.61	34.93	26.40	127.99	-1,790.13	-7,243.30	8,370.10	8,310.63	59.47	140.755		
6,400.00	6,168.01	6,113.65	6,096.06	35.51	26.76	128.12	-1,790.88	-7,243.87	8,388.91	8,328.55	60.36	138.978		
6,500.00	6,263.83	6,201.41	6,183.82	36.09	27.12	128.25	-1,791.67	-7,244.50	8,407.86	8,346.61	61.25	137.272		
6,600.00	6,359.64	6,285.28	6,267.69	36.68	27.46	128.38	-1,792.40	-7,245.21	8,426.98	8,364.86	62.12	135.656		
6,700.00	6,455.46	6,355.26	6,337.66	37.26	27.75	128.49	-1,792.80	-7,245.97	8,446.36	8,383.43	62.93	134.224		
6,733.48	6,487.54	6,382.00	6,364.40	37.45	27.86	128.53	-1,792.85	-7,246.33	8,452.93	8,389.72	63.21	133.721		
6,750.00	6,503.41	6,403.13	6,385.53	37.55	27.95	124.68	-1,792.88	-7,246.61	8,455.97	8,392.58	63.39	133.394		
6,800.00	6,551.83	6,445.00	6,427.39	37.82	28.12	109.83	-1,792.93	-7,247.12	8,462.54	8,398.73	63.81	132.614		
6,850.00	6,600.62	6,468.44	6,450.83	38.05	28.22	90.50	-1,793.16	-7,247.44	8,465.34	8,401.22	64.13	132.013		
6,900.00	6,649.47	6,486.59	6,468.97	38.25	28.29	70.11	-1,793.63	-7,247.75	8,464.41	8,400.03	64.38	131.470		
6,950.00	6,698.08	6,509.00	6,491.35	38.42	28.38	53.16	-1,794.71	-7,248.19	8,459.77	8,395.15	64.63	130.899		
7,000.00	6,746.15	6,509.00	6,491.35	38.57	28.38	40.91	-1,794.71	-7,248.19	8,451.46	8,386.72	64.74	130.550		
7,050.00	6,793.39	6,541.00	6,523.23	38.71	28.51	32.43	-1,797.29	-7,249.00	8,439.50	8,374.53	64.97	129.899		
7,100.00	6,839.50	6,541.00	6,523.23	38.84	28.51	26.42	-1,797.29	-7,249.00	8,423.96	8,358.93	65.03	129.541		
7,150.00	6,884.20	6,558.24	6,540.35	38.97	28.57	22.04	-1,799.19	-7,249.53	8,404.94	8,339.79	65.15	129.012		
7,200.00	6,927.21	6,572.00	6,554.00	39.11	28.62	18.72	-1,800.96	-7,250.00	8,382.54	8,317.30	65.23	128.498		
7,250.00	6,968.28	6,589.74	6,571.53	39.25	28.69	16.11	-1,803.56	-7,250.65	8,356.85	8,291.53	65.32	127.930		
7,300.00	7,007.13	6,611.56	6,593.02	39.41	28.77	13.99	-1,807.24	-7,251.48	8,328.08	8,262.58	65.42	127.304		
7,350.00	7,043.55	6,656.73	6,637.19	39.58	28.93	12.17	-1,816.53	-7,253.11	8,296.07	8,230.47	65.61	126.449		
7,400.00	7,077.29	6,690.24	6,669.69	39.77	29.04	10.56	-1,824.86	-7,254.22	8,261.22	8,195.48	65.73	125.675		
7,450.00	7,108.16	6,715.73	6,694.08	39.98	29.12	9.05	-1,832.02	-7,255.01	8,223.70	8,157.88	65.82	124.945		
7,500.00	7,135.96	6,730.00	6,707.68	40.22	29.17	7.59	-1,836.32	-7,255.45	8,183.75	8,117.90	65.85	124.280		
7,550.00	7,160.53	6,749.08	6,725.75	40.49	29.23	6.03	-1,842.43	-7,256.04	8,141.62	8,075.72	65.90	123.546		
7,600.00	7,181.70	6,760.00	6,752.41	40.79	31.91	4.20	-1,852.43	-7,256.87	8,097.54	8,028.90	66.64	117.971		
7,650.00	7,199.35	6,952.00	6,907.07	41.13	29.83	0.55	-1,932.26	-7,258.64	8,051.52	7,984.81	66.71	120.689		
7,700.00	7,213.38	6,952.00	6,907.07	41.51	29.83	-3.00	-1,932.26	-7,258.64	8,004.08	7,937.39	66.69	120.017		
7,750.00	7,223.68	6,952.00	6,907.07	41.93	29.83	-8.84	-1,932.26	-7,258.64	7,955.61	7,888.93	66.68	119.319		
7,800.00	7,230.21	6,963.39	6,916.52	42.38	29.86	-20.94	-1,938.63	-7,258.54	7,906.34	7,839.63	66.72	118.507		
7,850.00	7,232.92	6,963.86	6,916.90	42.87	29.86	-50.73	-1,938.89	-7,258.54	7,856.66	7,789.94	66.72	117.758		
7,858.69	7,233.00	6,963.86	6,916.90	42.95	29.86	-59.31	-1,938.89	-7,258.54	7,848.00	7,781.28	66.72	117.626		
7,900.00	7,233.10	6,963.81	6,916.86	43.38	29.86	-59.30	-1,938.86	-7,258.54	7,806.83	7,740.10	66.73	117.000		
8,000.00	7,233.35	6,963.69	6,916.76	44.56	29.86	-59.29	-1,938.80	-7,258.54	7,707.16	7,640.43	66.74	115.482		
8,100.00	7,233.60	6,963.57	6,916.67	45.91	29.86	-59.28	-1,938.73	-7,258.54	7,607.51	7,540.76	66.76	113.961		
8,200.00	7,233.85	6,963.45	6,916.57	47.41	29.86	-59.27	-1,938.66	-7,258.54	7,507.87	7,441.09	66.78	112.435		
8,300.00	7,234.10	6,963.33	6,916.46	49.05	29.86	-59.26	-1,938.59	-7,258.54	7,408.23	7,341.44	66.80	110.906		
8,400.00	7,234.35	6,963.21	6,916.36	50.81	29.86	-59.25	-1,938.52	-7,258.55	7,308.61	7,241.79	66.82	109.372		
8,500.00	7,234.59	6,963.08	6,916.26	52.68	29.86	-59.24	-1,938.45	-7,258.55	7,209.00	7,142.15	66.85	107.834		
8,600.00	7,234.84	6,962.95	6,916.15	54.65	29.86	-59.23	-1,938.38	-7,258.55	7,109.40	7,042.51	66.89	106.293		
8,700.00	7,235.09	6,952.00	6,907.07	56.70	29.83	-58.24	-1,932.26	-7,258.64	7,009.84	6,942.98	66.87	104.835		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,235.34	6,952.00	6,907.07	58.82	29.83	-58.24	-1,932.26	-7,258.64	6,910.26	6,843.36	66.91	103.285		
8,900.00	7,235.59	6,952.00	6,907.07	61.01	29.83	-58.24	-1,932.26	-7,258.64	6,810.69	6,743.74	66.95	101.730		
9,000.00	7,235.84	6,952.00	6,907.07	63.25	29.83	-58.24	-1,932.26	-7,258.64	6,711.14	6,644.14	67.00	100.171		
9,100.00	7,236.09	6,952.00	6,907.07	65.55	29.83	-58.24	-1,932.26	-7,258.64	6,611.60	6,544.55	67.05	98.608		
9,200.00	7,236.34	6,952.00	6,907.07	67.89	29.83	-58.24	-1,932.26	-7,258.64	6,512.07	6,444.96	67.11	97.041		
9,300.00	7,236.58	6,952.00	6,907.07	70.27	29.83	-58.24	-1,932.26	-7,258.64	6,412.56	6,345.39	67.17	95.469		
9,400.00	7,236.83	6,952.00	6,907.07	72.69	29.83	-58.24	-1,932.26	-7,258.64	6,313.06	6,245.82	67.24	93.893		
9,500.00	7,237.08	6,952.00	6,907.07	75.14	29.83	-58.24	-1,932.26	-7,258.64	6,213.58	6,146.27	67.31	92.313		
9,600.00	7,237.33	6,952.00	6,907.07	77.62	29.83	-58.24	-1,932.26	-7,258.64	6,114.12	6,046.73	67.39	90.728		
9,700.00	7,237.58	6,952.00	6,907.07	80.12	29.83	-58.24	-1,932.26	-7,258.64	6,014.67	5,947.19	67.48	89.139		
9,800.00	7,237.83	6,952.00	6,907.07	82.65	29.83	-58.24	-1,932.26	-7,258.64	5,915.24	5,847.67	67.57	87.545		
9,900.00	7,238.08	6,952.00	6,907.07	85.20	29.83	-58.24	-1,932.26	-7,258.64	5,815.83	5,748.17	67.67	85.947		
10,000.00	7,238.32	6,952.00	6,907.07	87.77	29.83	-58.24	-1,932.26	-7,258.64	5,716.45	5,648.67	67.78	84.344		
10,100.00	7,238.57	6,952.00	6,907.07	90.36	29.83	-58.24	-1,932.26	-7,258.64	5,617.08	5,549.19	67.89	82.736		
10,200.00	7,238.82	6,952.00	6,907.07	92.97	29.83	-58.24	-1,932.26	-7,258.64	5,517.74	5,449.72	68.02	81.124		
10,300.00	7,239.07	6,952.00	6,907.07	95.59	29.83	-58.24	-1,932.26	-7,258.64	5,418.42	5,350.27	68.15	79.506		
10,400.00	7,239.32	6,952.00	6,907.07	98.22	29.83	-58.24	-1,932.26	-7,258.64	5,319.13	5,250.83	68.30	77.884		
10,500.00	7,239.57	6,952.00	6,907.07	100.87	29.83	-58.24	-1,932.26	-7,258.64	5,219.86	5,151.41	68.45	76.257		
10,600.00	7,239.82	6,952.00	6,907.07	103.52	29.83	-58.24	-1,932.26	-7,258.64	5,120.62	5,052.00	68.62	74.625		
10,700.00	7,240.07	6,952.00	6,907.07	106.19	29.83	-58.24	-1,932.26	-7,258.64	5,021.42	4,952.62	68.80	72.988		
10,800.00	7,240.31	6,952.00	6,907.07	108.87	29.83	-58.24	-1,932.26	-7,258.64	4,922.24	4,853.25	68.99	71.346		
10,900.00	7,240.56	6,952.00	6,907.07	111.56	29.83	-58.24	-1,932.26	-7,258.64	4,823.10	4,753.90	69.20	69.698		
11,000.00	7,240.81	6,952.00	6,907.07	114.25	29.83	-58.24	-1,932.26	-7,258.64	4,723.99	4,654.57	69.42	68.046		
11,100.00	7,241.06	6,952.00	6,907.07	116.96	29.83	-58.24	-1,932.26	-7,258.64	4,624.93	4,555.26	69.67	66.388		
11,200.00	7,241.31	6,952.00	6,907.07	119.67	29.83	-58.24	-1,932.26	-7,258.64	4,525.90	4,455.98	69.93	64.725		
11,300.00	7,241.56	6,952.00	6,907.07	122.39	29.83	-58.24	-1,932.26	-7,258.64	4,426.92	4,356.72	70.21	63.056		
11,400.00	7,241.81	6,952.00	6,907.07	125.11	29.83	-58.24	-1,932.26	-7,258.64	4,327.99	4,257.48	70.51	61.383		
11,500.00	7,242.06	6,952.00	6,907.07	127.84	29.83	-58.24	-1,932.26	-7,258.64	4,229.10	4,158.27	70.83	59.704		
11,600.00	7,242.30	6,952.00	6,907.07	130.58	29.83	-58.24	-1,932.26	-7,258.64	4,130.27	4,059.08	71.19	58.020		
11,700.00	7,242.55	6,952.00	6,907.07	133.32	29.83	-58.24	-1,932.26	-7,258.64	4,031.50	3,959.93	71.57	56.331		
11,800.00	7,242.80	6,952.00	6,907.07	136.07	29.83	-58.24	-1,932.26	-7,258.64	3,932.79	3,860.81	71.98	54.638		
11,900.00	7,243.05	6,952.00	6,907.07	138.82	29.83	-58.24	-1,932.26	-7,258.64	3,834.14	3,761.72	72.42	52.940		
12,000.00	7,243.30	6,952.00	6,907.07	141.58	29.83	-58.24	-1,932.26	-7,258.64	3,735.57	3,662.66	72.91	51.237		
12,100.00	7,243.55	6,952.00	6,907.07	144.34	29.83	-58.24	-1,932.26	-7,258.64	3,637.08	3,563.65	73.43	49.531		
12,200.00	7,243.80	6,952.00	6,907.07	147.10	29.83	-58.24	-1,932.26	-7,258.64	3,538.67	3,464.67	74.00	47.820		
12,300.00	7,244.04	6,952.00	6,907.07	149.87	29.83	-58.24	-1,932.26	-7,258.64	3,440.35	3,365.73	74.62	46.107		
12,400.00	7,244.29	6,952.00	6,907.07	152.64	29.83	-58.24	-1,932.26	-7,258.64	3,342.13	3,266.84	75.29	44.391		
12,500.00	7,244.54	6,952.00	6,907.07	155.41	29.83	-58.24	-1,932.26	-7,258.64	3,244.02	3,168.00	76.02	42.674		
12,600.00	7,244.79	6,952.00	6,907.07	158.19	29.83	-58.24	-1,932.26	-7,258.64	3,146.03	3,069.21	76.82	40.955		
12,700.00	7,245.04	6,952.00	6,907.07	160.97	29.83	-58.24	-1,932.26	-7,258.64	3,048.17	2,970.48	77.69	39.236		
12,800.00	7,245.29	6,952.00	6,907.07	163.75	29.83	-58.24	-1,932.26	-7,258.64	2,950.46	2,871.82	78.64	37.519		
12,900.00	7,245.54	6,952.00	6,907.07	166.54	29.83	-58.24	-1,932.26	-7,258.64	2,852.90	2,773.22	79.68	35.804		
13,000.00	7,245.79	6,952.00	6,907.07	169.33	29.83	-58.24	-1,932.26	-7,258.64	2,755.51	2,674.69	80.82	34.093		
13,100.00	7,246.03	6,952.00	6,907.07	172.12	29.83	-58.24	-1,932.26	-7,258.64	2,658.33	2,576.25	82.08	32.387		
13,200.00	7,246.28	6,952.00	6,907.07	174.91	29.83	-58.24	-1,932.26	-7,258.64	2,561.35	2,477.89	83.46	30.690		
13,300.00	7,246.53	6,952.00	6,907.07	177.71	29.83	-58.24	-1,932.26	-7,258.64	2,464.62	2,379.64	84.98	29.002		
13,400.00	7,246.78	6,952.00	6,907.07	180.50	29.83	-58.24	-1,932.26	-7,258.64	2,368.17	2,281.51	86.66	27.327		
13,500.00	7,247.03	6,952.00	6,907.07	183.30	29.83	-58.24	-1,932.26	-7,258.64	2,272.01	2,183.50	88.52	25.668		
13,600.00	7,247.28	6,952.00	6,907.07	186.10	29.83	-58.24	-1,932.26	-7,258.64	2,176.21	2,085.63	90.58	24.026		
13,700.00	7,247.53	6,952.00	6,907.07	188.91	29.83	-58.24	-1,932.26	-7,258.64	2,080.80	1,987.94	92.86	22.407		
13,800.00	7,247.77	6,952.00	6,907.07	191.71	29.83	-58.24	-1,932.26	-7,258.64	1,985.84	1,890.43	95.41	20.814		
13,900.00	7,248.02	6,952.00	6,907.07	194.52	29.83	-58.24	-1,932.26	-7,258.64	1,891.40	1,793.15	98.25	19.251		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	6,952.00	6,907.07	197.32	29.83	-58.24	-1,932.26	-7,258.64	1,797.56	1,696.14	101.42	17.723		
14,100.00	7,248.52	6,952.00	6,907.07	200.13	29.83	-58.24	-1,932.26	-7,258.64	1,704.43	1,599.44	104.99	16.235		
14,200.00	7,248.77	6,952.00	6,907.07	202.94	29.83	-58.24	-1,932.26	-7,258.64	1,612.11	1,503.12	108.99	14.791		
14,300.00	7,249.02	6,948.09	6,903.80	205.76	29.82	-57.89	-1,930.11	-7,258.68	1,520.76	1,407.53	113.24	13.430		
14,400.00	7,249.27	6,947.52	6,903.33	208.57	29.82	-57.84	-1,929.80	-7,258.69	1,430.58	1,312.30	118.27	12.096		
14,500.00	7,249.52	6,946.97	6,902.86	211.38	29.82	-57.79	-1,929.49	-7,258.69	1,341.78	1,217.81	123.97	10.823		
14,600.00	7,249.76	6,946.42	6,902.40	214.20	29.81	-57.74	-1,929.20	-7,258.70	1,254.67	1,124.24	130.44	9.619		
14,700.00	7,250.01	6,945.88	6,901.95	217.02	29.81	-57.69	-1,928.90	-7,258.70	1,169.63	1,031.86	137.77	8.490		
14,800.00	7,250.26	6,945.35	6,901.51	219.84	29.81	-57.65	-1,928.61	-7,258.71	1,087.13	941.04	146.09	7.442		
14,900.00	7,250.51	6,944.83	6,901.07	222.65	29.81	-57.60	-1,928.33	-7,258.71	1,007.81	852.33	155.48	6.482		
15,000.00	7,250.76	6,944.32	6,900.64	225.48	29.81	-57.55	-1,928.05	-7,258.72	932.47	766.47	166.00	5.617		
15,100.00	7,251.01	6,943.81	6,900.22	228.30	29.81	-57.51	-1,927.78	-7,258.72	862.16	684.54	177.63	4.854		
15,200.00	7,251.26	6,943.32	6,899.80	231.12	29.81	-57.46	-1,927.51	-7,258.73	798.21	608.06	190.16	4.198		
15,300.00	7,251.50	6,942.83	6,899.39	233.94	29.80	-57.42	-1,927.24	-7,258.73	742.27	539.14	203.13	3.654		
15,400.00	7,251.75	6,942.35	6,898.99	236.77	29.80	-57.38	-1,926.98	-7,258.73	696.27	480.57	215.69	3.228		
15,500.00	7,252.00	6,941.88	6,898.59	239.59	29.80	-57.33	-1,926.73	-7,258.74	662.27	435.66	226.61	2.922		
15,600.00	7,252.25	6,941.41	6,898.20	242.42	29.80	-57.29	-1,926.47	-7,258.74	642.20	407.75	234.45	2.739		
15,680.91	7,252.45	6,941.04	6,897.89	244.70	29.80	-57.26	-1,926.27	-7,258.75	637.09	399.39	237.70	2.680 CC		
15,700.00	7,252.50	6,940.95	6,897.82	245.24	29.80	-57.25	-1,926.23	-7,258.75	637.37	399.36	238.02	2.678 ES, SF		
15,800.00	7,252.75	6,940.50	6,897.44	248.07	29.80	-57.21	-1,925.98	-7,258.75	648.12	411.25	236.87	2.736		
15,900.00	7,253.00	6,940.06	6,897.06	250.90	29.80	-57.17	-1,925.74	-7,258.76	673.70	442.18	231.53	2.910		
16,000.00	7,253.25	6,939.62	6,896.69	253.73	29.80	-57.13	-1,925.51	-7,258.76	712.53	489.36	223.16	3.193		
16,100.00	7,253.49	6,939.19	6,896.33	256.56	29.79	-57.09	-1,925.27	-7,258.76	762.57	549.45	213.12	3.578		
16,200.00	7,253.74	6,938.76	6,895.97	259.39	29.79	-57.05	-1,925.04	-7,258.77	821.78	619.28	202.50	4.058		
16,300.00	7,253.99	6,938.35	6,895.62	262.22	29.79	-57.02	-1,924.82	-7,258.77	888.33	696.27	192.07	4.625		
16,400.00	7,254.24	6,937.93	6,895.27	265.05	29.79	-56.98	-1,924.60	-7,258.77	960.70	778.45	182.25	5.271		
16,500.00	7,254.49	6,937.53	6,894.93	267.88	29.79	-56.94	-1,924.38	-7,258.78	1,037.67	864.42	173.25	5.989		
16,600.00	7,254.74	6,937.13	6,894.59	270.72	29.79	-56.91	-1,924.16	-7,258.78	1,118.29	953.17	165.12	6.773		
16,700.00	7,254.99	6,936.73	6,894.26	273.55	29.79	-56.87	-1,923.95	-7,258.78	1,201.83	1,043.99	157.84	7.614		
16,800.00	7,255.24	6,936.34	6,893.93	276.38	29.79	-56.84	-1,923.74	-7,258.79	1,287.71	1,136.37	151.33	8.509		
16,900.00	7,255.48	6,935.96	6,893.61	279.22	29.78	-56.80	-1,923.54	-7,258.79	1,375.50	1,229.96	145.54	9.451		
17,000.00	7,255.73	6,935.58	6,893.29	282.05	29.78	-56.77	-1,923.34	-7,258.79	1,464.86	1,324.49	140.37	10.436		
17,100.00	7,255.98	6,935.21	6,892.97	284.89	29.78	-56.73	-1,923.14	-7,258.80	1,555.51	1,419.76	135.75	11.459		
17,200.00	7,256.23	6,934.84	6,892.66	287.73	29.78	-56.70	-1,922.94	-7,258.80	1,647.25	1,515.63	131.62	12.516		
17,300.00	7,256.48	6,934.48	6,892.36	290.56	29.78	-56.67	-1,922.75	-7,258.80	1,739.90	1,611.99	127.91	13.603		
17,400.00	7,256.73	6,934.12	6,892.05	293.40	29.78	-56.64	-1,922.55	-7,258.81	1,833.32	1,708.75	124.57	14.718		
17,500.00	7,256.98	6,933.77	6,891.76	296.24	29.78	-56.60	-1,922.37	-7,258.81	1,927.40	1,805.84	121.55	15.856		
17,600.00	7,257.22	6,933.42	6,891.46	299.07	29.78	-56.57	-1,922.18	-7,258.81	2,022.04	1,903.22	118.83	17.017		
17,700.00	7,257.47	6,933.08	6,891.17	301.91	29.78	-56.54	-1,922.00	-7,258.81	2,117.18	2,000.83	116.35	18.196		
17,800.00	7,257.72	6,932.74	6,890.88	304.75	29.78	-56.51	-1,921.82	-7,258.82	2,212.75	2,098.65	114.10	19.393		
17,900.00	7,257.97	6,932.40	6,890.60	307.59	29.77	-56.48	-1,921.64	-7,258.82	2,308.70	2,196.65	112.05	20.604		
18,000.00	7,258.22	6,932.07	6,890.32	310.43	29.77	-56.45	-1,921.46	-7,258.82	2,404.97	2,294.79	110.18	21.828		
18,100.00	7,258.47	6,931.75	6,890.04	313.27	29.77	-56.42	-1,921.29	-7,258.82	2,501.54	2,393.08	108.46	23.064		
18,200.00	7,258.72	6,931.42	6,889.77	316.11	29.77	-56.39	-1,921.12	-7,258.83	2,598.36	2,491.48	106.88	24.311		
18,300.00	7,258.97	6,931.11	6,889.50	318.95	29.77	-56.37	-1,920.95	-7,258.83	2,695.42	2,589.99	105.43	25.565		
18,400.00	7,259.21	6,930.79	6,889.24	321.79	29.77	-56.34	-1,920.78	-7,258.83	2,792.69	2,688.59	104.10	26.828		
18,500.00	7,259.46	6,930.48	6,888.98	324.63	29.77	-56.31	-1,920.62	-7,258.83	2,890.14	2,787.28	102.86	28.097		
18,600.00	7,259.71	6,930.18	6,888.72	327.48	29.77	-56.28	-1,920.46	-7,258.84	2,987.76	2,886.04	101.72	29.372		
18,700.00	7,259.96	6,929.88	6,888.46	330.32	29.77	-56.26	-1,920.30	-7,258.84	3,085.53	2,984.87	100.67	30.651		
18,800.00	7,260.21	6,929.58	6,888.21	333.16	29.77	-56.23	-1,920.14	-7,258.84	3,183.44	3,083.76	99.69	31.934		
18,900.00	7,260.46	6,929.29	6,887.96	336.00	29.77	-56.20	-1,919.98	-7,258.84	3,281.48	3,182.70	98.78	33.221		
19,000.00	7,260.71	6,928.99	6,887.71	338.85	29.76	-56.18	-1,919.83	-7,258.85	3,379.63	3,281.70	97.93	34.510		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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			
19,100.00	7,260.95	6,928.71	6,887.47	341.69	29.76	-56.15	-1,919.68	-7,258.85	3,477.89	3,380.74	97.15	35.801			
19,118.22	7,261.00	6,928.66	6,887.42	342.21	29.76	-56.15	-1,919.65	-7,258.85	3,495.80	3,398.79	97.01	36.036			

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	232.68	232.60	3.28	3.36	-106.25	-2,063.59	-7,079.06	7,377.69					
100.00	100.00	319.26	319.14	3.28	3.46	-106.25	-2,063.01	-7,076.34	7,374.49	7,367.75	6.74	1,093.471		
200.00	200.00	368.38	368.23	3.34	3.53	-106.26	-2,062.90	-7,074.93	7,371.70	7,364.83	6.87	1,073.587		
300.00	300.00	422.00	421.84	3.44	3.62	-106.25	-2,061.85	-7,074.14	7,369.68	7,362.61	7.06	1,043.187		
370.83	370.82	444.74	444.57	3.55	3.67	117.37	-2,061.25	-7,074.01	7,369.08	7,361.87	7.21	1,022.182		
400.00	399.98	458.40	458.23	3.60	3.69	117.37	-2,060.94	-7,073.95	7,369.18	7,361.89	7.28	1,011.660		
500.00	499.84	513.00	512.82	3.79	3.81	117.37	-2,060.07	-7,073.92	7,371.03	7,363.44	7.59	971.320		
600.00	599.45	604.08	603.89	4.03	4.02	117.36	-2,059.45	-7,073.96	7,374.89	7,366.86	8.04	917.794		
700.00	698.70	768.60	768.40	4.30	4.47	117.42	-2,057.87	-7,072.94	7,379.52	7,370.76	8.76	842.394		
800.00	797.47	868.08	867.87	4.60	4.78	117.42	-2,056.57	-7,072.21	7,385.72	7,376.34	9.37	787.909		
900.00	895.62	940.59	940.38	4.94	5.02	117.38	-2,055.93	-7,071.69	7,393.70	7,383.75	9.95	743.107		
1,000.00	993.06	1,000.00	1,048.93	5.32	5.22	117.38	-2,054.55	-7,071.15	7,403.42	7,392.90	10.52	703.629		
1,100.00	1,089.64	1,142.46	1,142.22	5.73	5.71	117.36	-2,052.91	-7,070.63	7,414.64	7,403.21	11.42	649.002		
1,131.50	1,119.87	1,154.00	1,153.76	5.87	5.75	117.31	-2,052.69	-7,070.60	7,418.59	7,406.99	11.60	639.505		
1,200.00	1,185.51	1,199.11	1,198.86	6.18	5.92	117.41	-2,051.88	-7,070.56	7,427.54	7,415.48	12.06	615.851		
1,300.00	1,281.33	2,059.52	2,056.67	6.65	9.35	119.27	-2,015.83	-7,032.76	7,436.91	7,421.04	15.87	468.507		
1,400.00	1,377.14	2,107.00	2,103.80	7.13	9.56	119.39	-2,011.59	-7,028.94	7,440.93	7,424.38	16.55	449.658		
1,500.00	1,472.96	2,326.79	2,321.85	7.63	10.54	119.91	-1,992.50	-7,009.17	7,444.11	7,426.15	17.96	414.573		
1,600.00	1,568.78	2,393.00	2,387.57	8.14	10.85	120.06	-1,987.62	-7,002.78	7,447.31	7,428.57	18.74	397.458		
1,700.00	1,664.60	2,447.63	2,441.83	8.66	11.09	120.19	-1,983.79	-6,997.72	7,451.05	7,431.57	19.48	382.507		
1,800.00	1,760.41	2,562.98	2,556.39	9.19	11.62	120.45	-1,975.25	-6,987.30	7,455.12	7,434.63	20.49	363.908		
1,900.00	1,856.23	2,747.36	2,739.25	9.73	12.49	120.88	-1,959.86	-6,969.32	7,458.35	7,436.55	21.80	342.156		
2,000.00	1,952.05	2,000.00	2,865.88	10.27	9.05	121.16	-1,950.67	-6,955.34	7,460.85	7,441.73	19.12	390.278		
2,100.00	2,047.86	2,933.40	2,923.72	10.81	13.37	121.29	-1,947.30	-6,948.78	7,463.58	7,439.93	23.66	315.468		
2,200.00	2,143.68	2,963.00	2,953.10	11.36	13.50	121.35	-1,945.54	-6,945.64	7,467.10	7,442.78	24.33	306.962		
2,300.00	2,239.50	3,010.61	3,000.38	11.92	13.73	121.45	-1,942.66	-6,940.97	7,471.42	7,446.35	25.07	298.003		
2,400.00	2,335.32	3,058.00	3,047.51	12.47	13.95	121.56	-1,939.76	-6,936.89	7,476.70	7,450.89	25.82	289.590		
2,500.00	2,431.13	3,246.00	3,234.26	13.03	14.84	121.97	-1,927.29	-6,919.26	7,481.10	7,453.92	27.18	275.288		
2,600.00	2,526.95	3,295.55	3,283.46	13.59	15.07	122.08	-1,923.81	-6,914.50	7,485.75	7,457.81	27.94	267.936		
2,700.00	2,622.77	3,341.00	3,328.65	14.15	15.29	122.18	-1,920.87	-6,910.63	7,491.39	7,462.70	28.68	261.166		
2,800.00	2,718.59	3,444.05	3,431.14	14.72	15.77	122.41	-1,914.37	-6,902.13	7,497.55	7,467.87	29.68	252.600		
2,900.00	2,814.40	3,571.27	3,557.60	15.29	16.37	122.69	-1,906.15	-6,890.84	7,503.14	7,472.36	30.79	243.711		
3,000.00	2,910.22	3,000.00	3,678.12	15.85	13.66	122.96	-1,897.80	-6,879.93	7,508.71	7,479.91	28.80	260.679		
3,100.00	3,006.04	4,048.01	4,030.31	16.42	18.70	123.74	-1,872.26	-6,839.71	7,511.05	7,477.08	33.97	221.108		
3,200.00	3,101.85	4,102.00	4,083.69	16.99	18.98	123.87	-1,867.47	-6,833.19	7,513.56	7,478.79	34.77	216.084		
3,300.00	3,197.67	4,143.08	4,124.33	17.56	19.18	123.96	-1,863.71	-6,828.51	7,516.81	7,481.29	35.52	211.641		
3,400.00	3,293.49	4,197.00	4,177.73	18.14	19.45	124.09	-1,858.83	-6,822.87	7,520.94	7,484.62	36.32	207.088		
3,500.00	3,389.31	4,197.00	4,177.73	18.71	19.45	124.09	-1,858.83	-6,822.87	7,525.92	7,489.04	36.88	204.083		
3,600.00	3,485.12	4,249.36	4,229.66	19.28	19.71	124.21	-1,854.25	-6,818.00	7,531.70	7,494.03	37.67	199.959		
3,700.00	3,580.94	4,292.00	4,272.01	19.86	19.92	124.31	-1,850.72	-6,814.51	7,538.47	7,500.06	38.41	196.262		
3,800.00	3,676.76	4,335.19	4,314.93	20.43	20.12	124.41	-1,847.19	-6,811.26	7,546.03	7,506.87	39.15	192.726		
3,900.00	3,772.58	4,399.43	4,378.78	21.01	20.43	124.56	-1,841.78	-6,806.71	7,554.16	7,514.17	39.99	188.887		
4,000.00	3,868.39	4,481.63	4,460.49	21.58	20.82	124.75	-1,834.80	-6,801.12	7,562.67	7,521.76	40.91	184.842		
4,100.00	3,964.21	4,618.49	4,596.47	22.16	21.48	125.07	-1,823.01	-6,791.11	7,570.67	7,528.58	42.09	179.871		
4,200.00	4,060.03	4,672.00	4,649.66	22.74	21.74	125.19	-1,818.42	-6,787.39	7,579.26	7,536.38	42.88	176.757		
4,300.00	4,155.85	4,791.25	4,768.22	23.32	22.31	125.47	-1,808.86	-6,778.86	7,587.83	7,543.86	43.97	172.560		
4,400.00	4,251.66	4,833.61	4,810.36	23.89	22.51	125.56	-1,805.70	-6,775.96	7,596.92	7,552.22	44.71	169.926		
4,500.00	4,347.48	4,905.85	4,882.27	24.47	22.85	125.72	-1,800.61	-6,771.45	7,606.73	7,561.15	45.58	166.895		
4,600.00	4,443.30	4,995.10	4,971.19	25.05	23.26	125.91	-1,795.36	-6,765.65	7,616.59	7,570.07	46.52	163.716		
4,700.00	4,539.11	5,053.00	5,028.92	25.63	23.53	126.03	-1,793.12	-6,761.94	7,626.91	7,579.59	47.32	161.178		
4,800.00	4,634.93	5,053.00	5,028.92	26.21	23.53	126.03	-1,793.12	-6,761.94	7,638.19	7,590.34	47.84	159.646		
4,900.00	4,730.75	5,100.35	5,076.19	26.79	23.73	126.12	-1,791.70	-6,759.43	7,650.14	7,601.56	48.58	157.468		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	5,148.00	5,123.78	27.37	23.94	126.21	-1,790.25	-6,757.85	7,663.42	7,614.10	49.32	155.387		
5,100.00	4,922.38	5,148.00	5,123.78	27.95	23.94	126.21	-1,790.25	-6,757.85	7,677.37	7,627.54	49.82	154.091		
5,200.00	5,018.20	5,205.60	5,181.34	28.53	24.19	126.32	-1,788.44	-6,756.64	7,692.26	7,641.66	50.60	152.024		
5,300.00	5,114.02	5,242.00	5,217.72	29.11	24.35	126.39	-1,787.26	-6,755.99	7,707.71	7,656.44	51.27	150.339		
5,400.00	5,209.84	5,278.22	5,253.92	29.69	24.49	126.46	-1,786.39	-6,755.60	7,723.98	7,672.05	51.92	148.758		
5,500.00	5,305.65	5,303.66	5,279.36	30.27	24.59	126.51	-1,786.14	-6,755.56	7,741.22	7,688.69	52.52	147.389		
5,600.00	5,401.47	5,337.00	5,312.70	30.86	24.72	126.56	-1,786.27	-6,755.82	7,759.41	7,706.25	53.15	145.980		
5,700.00	5,497.29	5,425.77	5,401.46	31.44	25.04	126.71	-1,787.24	-6,756.83	7,778.19	7,724.16	54.03	143.970		
5,800.00	5,593.10	5,542.24	5,517.92	32.02	25.47	126.90	-1,788.23	-6,757.84	7,796.75	7,741.72	55.03	141.684		
5,900.00	5,688.92	5,623.00	5,598.67	32.60	25.77	127.04	-1,788.86	-6,758.52	7,815.35	7,759.48	55.87	139.889		
6,000.00	5,784.74	5,695.90	5,671.57	33.18	26.04	127.16	-1,789.54	-6,759.30	7,834.25	7,777.58	56.67	138.241		
6,100.00	5,880.56	5,765.68	5,741.34	33.76	26.30	127.27	-1,790.26	-6,760.27	7,853.52	7,796.06	57.46	136.682		
6,200.00	5,976.37	5,842.04	5,817.68	34.35	26.58	127.40	-1,790.79	-6,761.61	7,873.16	7,814.88	58.28	135.099		
6,300.00	6,072.19	5,932.89	5,908.52	34.93	26.92	127.55	-1,791.58	-6,763.29	7,892.97	7,833.80	59.16	133.406		
6,400.00	6,168.01	6,017.98	5,993.59	35.51	27.24	127.68	-1,792.25	-6,764.94	7,912.91	7,852.89	60.03	131.825		
6,500.00	6,263.83	6,090.72	6,066.30	36.09	27.52	127.80	-1,792.76	-6,766.52	7,933.14	7,872.31	60.83	130.421		
6,600.00	6,359.64	6,252.83	6,228.39	36.68	28.14	128.06	-1,794.18	-6,769.12	7,952.70	7,890.64	62.06	128.137		
6,700.00	6,455.46	6,320.00	6,295.55	37.26	28.39	128.17	-1,794.49	-6,770.25	7,972.56	7,909.71	62.84	126.869		
6,733.48	6,487.54	6,338.99	6,314.53	37.45	28.47	128.20	-1,794.65	-6,770.61	7,979.30	7,916.22	63.08	126.488		
6,750.00	6,503.41	6,352.00	6,327.54	37.55	28.52	124.34	-1,794.86	-6,770.87	7,982.44	7,919.22	63.22	126.266		
6,800.00	6,551.83	6,365.40	6,340.93	37.82	28.57	109.46	-1,795.22	-6,771.16	7,989.48	7,925.99	63.49	125.837		
6,850.00	6,600.62	6,384.00	6,359.51	38.05	28.64	90.12	-1,796.05	-6,771.62	7,992.85	7,929.09	63.77	125.347		
6,900.00	6,649.47	6,384.00	6,359.51	38.25	28.64	69.72	-1,796.05	-6,771.62	7,992.55	7,928.63	63.92	125.040		
6,950.00	6,698.08	6,402.44	6,377.90	38.42	28.70	52.76	-1,797.27	-6,772.18	7,988.55	7,924.42	64.13	124.566		
7,000.00	6,746.15	6,415.00	6,390.40	38.57	28.75	40.52	-1,798.35	-6,772.64	7,980.93	7,916.65	64.28	124.151		
7,050.00	6,793.39	7,050.00	6,662.36	38.71	30.71	31.96	-1,858.64	-6,776.91	7,969.10	7,902.35	66.75	119.391		
7,100.00	6,839.50	6,744.64	6,708.93	38.84	29.78	25.85	-1,877.41	-6,776.28	7,952.55	7,886.67	65.88	120.712		
7,150.00	6,884.20	6,764.00	6,726.41	38.97	29.83	21.39	-1,885.72	-6,775.98	7,932.46	7,866.46	66.00	120.197		
7,200.00	6,927.21	6,786.34	6,746.24	39.11	29.89	17.97	-1,896.00	-6,775.64	7,908.98	7,842.88	66.11	119.641		
7,250.00	6,968.28	6,796.00	6,754.70	39.25	29.91	15.28	-1,900.66	-6,775.50	7,882.29	7,816.14	66.15	119.159		
7,300.00	7,007.13	6,796.00	6,754.70	39.41	29.91	13.10	-1,900.66	-6,775.50	7,852.57	7,786.43	66.14	118.726		
7,350.00	7,043.55	6,814.39	6,770.61	39.58	29.95	11.16	-1,909.87	-6,775.32	7,819.89	7,753.69	66.20	118.128		
7,400.00	7,077.29	6,828.00	6,782.23	39.77	29.98	9.42	-1,916.97	-6,775.26	7,784.54	7,718.32	66.23	117.540		
7,450.00	7,108.16	6,828.00	6,782.23	39.98	29.98	7.84	-1,916.97	-6,775.26	7,746.64	7,680.44	66.20	117.025		
7,500.00	7,135.96	6,828.00	6,782.23	40.22	29.98	6.26	-1,916.97	-6,775.26	7,706.43	7,640.27	66.16	116.481		
7,550.00	7,160.53	6,828.00	6,782.23	40.49	29.98	4.58	-1,916.97	-6,775.26	7,664.14	7,598.01	66.12	115.907		
7,600.00	7,181.70	6,828.00	6,782.23	40.79	29.98	2.63	-1,916.97	-6,775.26	7,619.98	7,553.90	66.09	115.304		
7,650.00	7,199.35	6,842.23	6,794.20	41.13	30.01	0.02	-1,924.65	-6,775.29	7,574.13	7,508.01	66.11	114.561		
7,700.00	7,213.38	6,844.52	6,796.12	41.51	30.02	-3.49	-1,925.91	-6,775.30	7,526.96	7,460.87	66.10	113.880		
7,750.00	7,223.68	6,846.24	6,797.55	41.93	30.02	-9.07	-1,926.86	-6,775.31	7,478.71	7,412.63	66.08	113.175		
7,800.00	7,230.21	6,859.00	6,808.09	42.38	30.05	-20.01	-1,934.05	-6,775.45	7,429.70	7,363.57	66.12	112.359		
7,850.00	7,232.92	6,859.00	6,808.09	42.87	30.05	-44.47	-1,934.05	-6,775.45	7,380.11	7,313.99	66.12	111.615		
7,858.69	7,233.00	6,859.00	6,808.09	42.95	30.05	-51.40	-1,934.05	-6,775.45	7,371.46	7,305.33	66.12	111.482		
7,900.00	7,233.10	6,859.00	6,808.09	43.38	30.05	-51.40	-1,934.05	-6,775.45	7,330.33	7,264.21	66.13	110.855		
8,000.00	7,233.35	6,859.00	6,808.09	44.56	30.05	-51.40	-1,934.05	-6,775.45	7,230.79	7,164.66	66.13	109.336		
8,100.00	7,233.60	6,859.00	6,808.09	45.91	30.05	-51.40	-1,934.05	-6,775.45	7,131.26	7,065.11	66.15	107.812		
8,200.00	7,233.85	6,859.00	6,808.09	47.41	30.05	-51.40	-1,934.05	-6,775.45	7,031.74	6,965.58	66.16	106.284		
8,300.00	7,234.10	6,859.00	6,808.09	49.05	30.05	-51.40	-1,934.05	-6,775.45	6,932.24	6,866.06	66.18	104.752		
8,400.00	7,234.35	6,859.00	6,808.09	50.81	30.05	-51.40	-1,934.05	-6,775.45	6,832.75	6,766.55	66.20	103.215		
8,500.00	7,234.59	6,859.00	6,808.09	52.68	30.05	-51.40	-1,934.05	-6,775.45	6,733.27	6,667.05	66.22	101.675		
8,600.00	7,234.84	6,859.00	6,808.09	54.65	30.05	-51.40	-1,934.05	-6,775.45	6,633.81	6,567.56	66.25	100.129		
8,700.00	7,235.09	6,859.00	6,808.09	56.70	30.05	-51.40	-1,934.05	-6,775.45	6,534.37	6,468.08	66.28	98.580		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,235.34	6,859.00	6,808.09	58.82	30.05	-51.40	-1,934.05	-6,775.45	6,434.94	6,368.62	66.32	97.026		
8,900.00	7,235.59	6,859.00	6,808.09	61.01	30.05	-51.40	-1,934.05	-6,775.45	6,335.54	6,269.17	66.36	95.468		
9,000.00	7,235.84	6,859.00	6,808.09	63.25	30.05	-51.40	-1,934.05	-6,775.45	6,236.15	6,169.74	66.41	93.905		
9,100.00	7,236.09	6,859.00	6,808.09	65.55	30.05	-51.40	-1,934.05	-6,775.45	6,136.78	6,070.32	66.46	92.337		
9,200.00	7,236.34	6,859.00	6,808.09	67.89	30.05	-51.40	-1,934.05	-6,775.45	6,037.43	5,970.92	66.52	90.765		
9,300.00	7,236.58	6,859.00	6,808.09	70.27	30.05	-51.40	-1,934.05	-6,775.45	5,938.11	5,871.53	66.58	89.188		
9,400.00	7,236.83	6,859.00	6,808.09	72.69	30.05	-51.40	-1,934.05	-6,775.45	5,838.81	5,772.16	66.65	87.606		
9,500.00	7,237.08	6,859.00	6,808.09	75.14	30.05	-51.40	-1,934.05	-6,775.45	5,739.53	5,672.80	66.72	86.019		
9,600.00	7,237.33	6,859.00	6,808.09	77.62	30.05	-51.40	-1,934.05	-6,775.45	5,640.28	5,573.47	66.81	84.427		
9,700.00	7,237.58	6,859.00	6,808.09	80.12	30.05	-51.40	-1,934.05	-6,775.45	5,541.05	5,474.15	66.90	82.830		
9,800.00	7,237.83	6,859.00	6,808.09	82.65	30.05	-51.40	-1,934.05	-6,775.45	5,441.85	5,374.86	66.99	81.228		
9,900.00	7,238.08	6,859.00	6,808.09	85.20	30.05	-51.40	-1,934.05	-6,775.45	5,342.68	5,275.58	67.10	79.621		
10,000.00	7,238.32	6,859.00	6,808.09	87.77	30.05	-51.40	-1,934.05	-6,775.45	5,243.55	5,176.33	67.22	78.008		
10,100.00	7,238.57	6,859.00	6,808.09	90.36	30.05	-51.40	-1,934.05	-6,775.45	5,144.45	5,077.10	67.34	76.390		
10,200.00	7,238.82	6,859.00	6,808.09	92.97	30.05	-51.40	-1,934.05	-6,775.45	5,045.38	4,977.90	67.48	74.767		
10,300.00	7,239.07	6,859.00	6,808.09	95.59	30.05	-51.40	-1,934.05	-6,775.45	4,946.35	4,878.72	67.63	73.138		
10,400.00	7,239.32	6,859.00	6,808.09	98.22	30.05	-51.40	-1,934.05	-6,775.45	4,847.36	4,779.57	67.79	71.503		
10,500.00	7,239.57	6,859.00	6,808.09	100.87	30.05	-51.40	-1,934.05	-6,775.45	4,748.41	4,680.44	67.97	69.862		
10,600.00	7,239.82	6,859.00	6,808.09	103.52	30.05	-51.40	-1,934.05	-6,775.45	4,649.51	4,581.35	68.16	68.215		
10,700.00	7,240.07	6,859.00	6,808.09	106.19	30.05	-51.40	-1,934.05	-6,775.45	4,550.66	4,482.29	68.37	66.563		
10,800.00	7,240.31	6,859.00	6,808.09	108.87	30.05	-51.40	-1,934.05	-6,775.45	4,451.85	4,383.26	68.59	64.904		
10,900.00	7,240.56	6,859.00	6,808.09	111.56	30.05	-51.40	-1,934.05	-6,775.45	4,353.11	4,284.27	68.84	63.240		
11,000.00	7,240.81	6,859.00	6,808.09	114.25	30.05	-51.40	-1,934.05	-6,775.45	4,254.42	4,185.32	69.10	61.569		
11,100.00	7,241.06	6,859.00	6,808.09	116.96	30.05	-51.40	-1,934.05	-6,775.45	4,155.79	4,086.40	69.39	59.892		
11,200.00	7,241.31	6,859.00	6,808.09	119.67	30.05	-51.40	-1,934.05	-6,775.45	4,057.23	3,987.53	69.70	58.209		
11,300.00	7,241.56	6,859.00	6,808.09	122.39	30.05	-51.40	-1,934.05	-6,775.45	3,958.74	3,888.70	70.04	56.520		
11,400.00	7,241.81	6,859.00	6,808.09	125.11	30.05	-51.40	-1,934.05	-6,775.45	3,860.33	3,789.92	70.41	54.826		
11,500.00	7,242.06	6,859.00	6,808.09	127.84	30.05	-51.40	-1,934.05	-6,775.45	3,762.00	3,691.19	70.81	53.125		
11,600.00	7,242.30	6,859.00	6,808.09	130.58	30.05	-51.40	-1,934.05	-6,775.45	3,663.77	3,592.51	71.25	51.419		
11,700.00	7,242.55	6,859.00	6,808.09	133.32	30.05	-51.40	-1,934.05	-6,775.45	3,565.63	3,493.90	71.73	49.707		
11,800.00	7,242.80	6,859.00	6,808.09	136.07	30.05	-51.40	-1,934.05	-6,775.45	3,467.60	3,395.34	72.26	47.991		
11,900.00	7,243.05	6,859.00	6,808.09	138.82	30.05	-51.40	-1,934.05	-6,775.45	3,369.68	3,296.86	72.83	46.270		
12,000.00	7,243.30	6,859.00	6,808.09	141.58	30.05	-51.40	-1,934.05	-6,775.45	3,271.89	3,198.44	73.45	44.546		
12,100.00	7,243.55	6,859.00	6,808.09	144.34	30.05	-51.40	-1,934.05	-6,775.45	3,174.24	3,100.11	74.13	42.818		
12,200.00	7,243.80	6,859.00	6,808.09	147.10	30.05	-51.40	-1,934.05	-6,775.45	3,076.74	3,001.86	74.88	41.088		
12,300.00	7,244.04	6,859.00	6,808.09	149.87	30.05	-51.40	-1,934.05	-6,775.45	2,979.41	2,903.70	75.70	39.356		
12,400.00	7,244.29	6,859.00	6,808.09	152.64	30.05	-51.40	-1,934.05	-6,775.45	2,882.25	2,805.65	76.61	37.624		
12,500.00	7,244.54	6,859.00	6,808.09	155.41	30.05	-51.40	-1,934.05	-6,775.45	2,785.30	2,707.71	77.60	35.894		
12,600.00	7,244.79	6,859.00	6,808.09	158.19	30.05	-51.40	-1,934.05	-6,775.45	2,688.58	2,609.89	78.69	34.166		
12,700.00	7,245.04	6,859.00	6,808.09	160.97	30.05	-51.40	-1,934.05	-6,775.45	2,592.10	2,512.20	79.90	32.444		
12,800.00	7,245.29	6,859.00	6,808.09	163.75	30.05	-51.40	-1,934.05	-6,775.45	2,495.89	2,414.67	81.23	30.728		
12,900.00	7,245.54	6,859.00	6,808.09	166.54	30.05	-51.40	-1,934.05	-6,775.45	2,400.00	2,317.31	82.70	29.022		
13,000.00	7,245.79	6,859.00	6,808.09	169.33	30.05	-51.40	-1,934.05	-6,775.45	2,304.46	2,220.13	84.33	27.328		
13,100.00	7,246.03	6,865.82	6,813.66	172.12	30.06	-51.96	-1,937.98	-6,775.55	2,209.29	2,122.88	86.41	25.568		
13,200.00	7,246.28	6,866.56	6,814.27	174.91	30.06	-52.02	-1,938.41	-6,775.56	2,114.59	2,026.11	88.47	23.901		
13,300.00	7,246.53	6,867.30	6,814.87	177.71	30.06	-52.09	-1,938.84	-6,775.57	2,020.39	1,929.62	90.77	22.259		
13,400.00	7,246.78	6,868.04	6,815.47	180.50	30.07	-52.15	-1,939.27	-6,775.58	1,926.78	1,833.45	93.33	20.645		
13,500.00	7,247.03	6,868.77	6,816.07	183.30	30.07	-52.21	-1,939.70	-6,775.59	1,833.84	1,737.64	96.20	19.063		
13,600.00	7,247.28	6,869.50	6,816.66	186.10	30.07	-52.27	-1,940.13	-6,775.60	1,741.68	1,642.28	99.41	17.521		
13,700.00	7,247.53	6,870.23	6,817.25	188.91	30.07	-52.33	-1,940.55	-6,775.61	1,650.44	1,547.43	103.01	16.023		
13,800.00	7,247.77	6,870.96	6,817.84	191.71	30.07	-52.39	-1,940.98	-6,775.62	1,560.27	1,453.21	107.06	14.574		
13,900.00	7,248.02	6,871.68	6,818.42	194.52	30.07	-52.45	-1,941.40	-6,775.63	1,471.37	1,359.75	111.62	13.182		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 146-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	6,872.40	6,819.00	197.32	30.07	-52.51	-1,941.83	-6,775.64	1,383.99	1,267.23	116.76	11.854		
14,100.00	7,248.52	6,873.11	6,819.58	200.13	30.08	-52.56	-1,942.25	-6,775.65	1,298.42	1,175.87	122.56	10.595		
14,200.00	7,248.77	6,873.83	6,820.15	202.94	30.08	-52.62	-1,942.67	-6,775.66	1,215.07	1,085.97	129.09	9.412		
14,300.00	7,249.02	6,874.54	6,820.73	205.76	30.08	-52.68	-1,943.09	-6,775.67	1,134.40	997.95	136.45	8.314		
14,400.00	7,249.27	6,875.24	6,821.30	208.57	30.08	-52.74	-1,943.51	-6,775.68	1,057.05	912.37	144.68	7.306		
14,500.00	7,249.52	6,875.95	6,821.87	211.38	30.08	-52.80	-1,943.92	-6,775.69	983.78	829.96	153.82	6.396		
14,600.00	7,249.76	6,876.65	6,822.43	214.20	30.08	-52.86	-1,944.34	-6,775.69	915.58	751.77	163.82	5.589		
14,700.00	7,250.01	6,877.35	6,822.99	217.02	30.08	-52.91	-1,944.76	-6,775.70	853.68	679.18	174.50	4.892		
14,800.00	7,250.26	6,878.05	6,823.55	219.84	30.09	-52.97	-1,945.17	-6,775.71	799.52	614.01	185.51	4.310		
14,900.00	7,250.51	6,878.74	6,824.11	222.65	30.09	-53.03	-1,945.58	-6,775.72	754.79	558.56	196.23	3.847		
15,000.00	7,250.76	6,879.43	6,824.66	225.48	30.09	-53.09	-1,946.00	-6,775.73	721.23	515.45	205.78	3.505		
15,100.00	7,251.01	6,880.12	6,825.21	228.30	30.09	-53.14	-1,946.41	-6,775.74	700.45	487.29	213.16	3.286		
15,197.69	7,251.25	6,880.79	6,825.75	231.05	30.09	-53.20	-1,946.81	-6,775.75	693.61	476.20	217.41	3.190 CC		
15,200.00	7,251.26	6,880.80	6,825.76	231.12	30.09	-53.20	-1,946.82	-6,775.75	693.61	476.14	217.47	3.189 ES, SF		
15,300.00	7,251.50	6,881.48	6,826.31	233.94	30.09	-53.26	-1,947.23	-6,775.76	701.11	482.87	218.24	3.213		
15,400.00	7,251.75	6,882.16	6,826.85	236.77	30.09	-53.31	-1,947.63	-6,775.77	722.51	506.89	215.61	3.351		
15,500.00	7,252.00	6,882.84	6,827.39	239.59	30.09	-53.37	-1,948.04	-6,775.78	756.62	546.37	210.25	3.599		
15,600.00	7,252.25	6,883.51	6,827.93	242.42	30.10	-53.42	-1,948.45	-6,775.79	801.83	598.77	203.06	3.949		
15,700.00	7,252.50	6,884.19	6,828.46	245.24	30.10	-53.48	-1,948.85	-6,775.80	856.37	661.46	194.91	4.394		
15,800.00	7,252.75	6,891.00	6,833.88	248.07	30.11	-54.04	-1,952.99	-6,775.88	918.64	731.26	187.38	4.902		
15,900.00	7,253.00	6,891.00	6,833.88	250.90	30.11	-54.04	-1,952.99	-6,775.88	987.09	808.08	179.01	5.514		
16,000.00	7,253.25	6,891.00	6,833.88	253.73	30.11	-54.04	-1,952.99	-6,775.88	1,060.55	889.44	171.11	6.198		
16,100.00	7,253.49	6,891.00	6,833.88	256.56	30.11	-54.04	-1,952.99	-6,775.88	1,138.07	974.26	163.81	6.948		
16,200.00	7,253.74	6,891.00	6,833.88	259.39	30.11	-54.04	-1,952.99	-6,775.88	1,218.87	1,061.72	157.15	7.756		
16,300.00	7,253.99	6,891.00	6,833.88	262.22	30.11	-54.04	-1,952.99	-6,775.88	1,302.33	1,151.22	151.11	8.618		
16,400.00	7,254.24	6,891.00	6,833.88	265.05	30.11	-54.04	-1,952.99	-6,775.88	1,387.99	1,242.32	145.67	9.529		
16,500.00	7,254.49	6,891.00	6,833.88	267.88	30.11	-54.04	-1,952.99	-6,775.88	1,475.44	1,334.68	140.76	10.482		
16,600.00	7,254.74	6,891.00	6,833.88	270.72	30.11	-54.04	-1,952.99	-6,775.88	1,564.41	1,428.07	136.34	11.474		
16,700.00	7,254.99	6,891.00	6,833.88	273.55	30.11	-54.04	-1,952.99	-6,775.88	1,654.63	1,522.27	132.36	12.501		
16,800.00	7,255.24	6,891.00	6,833.88	276.38	30.11	-54.04	-1,952.99	-6,775.88	1,745.92	1,617.16	128.76	13.560		
16,900.00	7,255.48	6,891.00	6,833.88	279.22	30.11	-54.04	-1,952.99	-6,775.88	1,838.12	1,712.61	125.50	14.646		
17,000.00	7,255.73	6,891.00	6,833.88	282.05	30.11	-54.04	-1,952.99	-6,775.88	1,931.09	1,808.54	122.55	15.757		
17,100.00	7,255.98	6,891.00	6,833.88	284.89	30.11	-54.04	-1,952.99	-6,775.88	2,024.73	1,904.86	119.87	16.891		
17,200.00	7,256.23	6,891.00	6,833.88	287.73	30.11	-54.04	-1,952.99	-6,775.88	2,118.95	2,001.52	117.43	18.045		
17,300.00	7,256.48	6,891.00	6,833.88	290.56	30.11	-54.04	-1,952.99	-6,775.88	2,213.68	2,098.48	115.20	19.216		
17,400.00	7,256.73	6,891.00	6,833.88	293.40	30.11	-54.04	-1,952.99	-6,775.88	2,308.86	2,195.70	113.16	20.403		
17,500.00	7,256.98	6,891.00	6,833.88	296.24	30.11	-54.04	-1,952.99	-6,775.88	2,404.43	2,293.13	111.30	21.604		
17,600.00	7,257.22	6,891.00	6,833.88	299.07	30.11	-54.04	-1,952.99	-6,775.88	2,500.34	2,390.76	109.58	22.818		
17,700.00	7,257.47	6,891.00	6,833.88	301.91	30.11	-54.04	-1,952.99	-6,775.88	2,596.56	2,488.56	108.00	24.042		
17,800.00	7,257.72	6,891.00	6,833.88	304.75	30.11	-54.04	-1,952.99	-6,775.88	2,693.06	2,586.51	106.55	25.276		
17,900.00	7,257.97	6,891.00	6,833.88	307.59	30.11	-54.04	-1,952.99	-6,775.88	2,789.80	2,684.60	105.20	26.518		
18,000.00	7,258.22	6,891.00	6,833.88	310.43	30.11	-54.04	-1,952.99	-6,775.88	2,886.77	2,782.81	103.96	27.768		
18,100.00	7,258.47	6,891.00	6,833.88	313.27	30.11	-54.04	-1,952.99	-6,775.88	2,983.93	2,881.13	102.81	29.025		
18,200.00	7,258.72	6,891.00	6,833.88	316.11	30.11	-54.04	-1,952.99	-6,775.88	3,081.28	2,979.54	101.74	30.286		
18,300.00	7,258.97	6,891.00	6,833.88	318.95	30.11	-54.04	-1,952.99	-6,775.88	3,178.79	3,078.05	100.75	31.553		
18,400.00	7,259.21	6,891.00	6,833.88	321.79	30.11	-54.04	-1,952.99	-6,775.88	3,276.46	3,176.63	99.82	32.823		
18,500.00	7,259.46	6,891.00	6,833.88	324.63	30.11	-54.04	-1,952.99	-6,775.88	3,374.25	3,275.29	98.96	34.097		
18,600.00	7,259.71	6,891.00	6,833.88	327.48	30.11	-54.04	-1,952.99	-6,775.88	3,472.18	3,374.02	98.16	35.373		
18,700.00	7,259.96	6,891.00	6,833.88	330.32	30.11	-54.04	-1,952.99	-6,775.88	3,570.22	3,472.81	97.41	36.651		
18,800.00	7,260.21	6,891.00	6,833.88	333.16	30.11	-54.04	-1,952.99	-6,775.88	3,668.36	3,571.65	96.71	37.931		
18,900.00	7,260.46	6,891.00	6,833.88	336.00	30.11	-54.04	-1,952.99	-6,775.88	3,766.61	3,670.55	96.06	39.213		
19,000.00	7,260.71	6,891.00	6,833.88	338.85	30.11	-54.04	-1,952.99	-6,775.88	3,864.94	3,769.50	95.44	40.495		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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		
19,100.00	7,260.95	6,891.00	6,833.88	341.69	30.11	-54.04	-1,952.99	-6,775.88	3,963.36	3,868.49	94.87	41.777		
19,118.22	7,261.00	6,891.00	6,833.88	342.21	30.11	-54.04	-1,952.99	-6,775.88	3,981.29	3,886.53	94.77	42.011		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1200-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	15.00	-15.00	3.28	3.28	-110.15	-2,077.72	-5,662.56	6,031.71					
100.00	100.00	85.00	85.00	3.28	3.29	-110.15	-2,077.72	-5,662.56	6,031.71	6,025.14	6.57	918.068		
200.00	200.00	185.00	185.00	3.34	3.31	-110.15	-2,077.72	-5,662.56	6,031.71	6,025.07	6.64	908.107		
300.00	300.00	285.00	285.00	3.44	3.34	-110.15	-2,077.72	-5,662.56	6,031.71	6,024.93	6.78	889.109		
400.00	399.98	384.98	384.98	3.60	3.39	113.45	-2,077.72	-5,662.56	6,032.40	6,025.42	6.98	863.807		
500.00	499.84	484.84	484.84	3.79	3.45	113.46	-2,077.72	-5,662.56	6,034.49	6,027.25	7.24	833.951		
600.00	599.45	584.45	584.45	4.03	3.52	113.47	-2,077.72	-5,662.56	6,037.97	6,030.43	7.54	800.455		
700.00	698.70	683.70	683.70	4.30	3.61	113.49	-2,077.72	-5,662.56	6,042.86	6,034.96	7.90	764.910		
800.00	797.47	782.47	782.47	4.60	3.70	113.51	-2,077.72	-5,662.56	6,049.16	6,040.86	8.30	728.566		
900.00	895.62	880.62	880.62	4.94	3.81	113.53	-2,077.72	-5,662.56	6,056.90	6,048.15	8.75	692.339		
1,000.00	993.06	978.06	978.06	5.32	3.92	113.55	-2,077.72	-5,662.56	6,066.08	6,056.84	9.24	656.854		
1,100.00	1,089.64	1,074.64	1,074.64	5.73	4.04	113.57	-2,077.72	-5,662.56	6,076.73	6,066.97	9.76	622.513		
1,131.50	1,119.87	1,104.87	1,104.87	5.87	4.08	113.58	-2,077.72	-5,662.56	6,080.39	6,070.45	9.94	611.969		
1,200.00	1,185.51	1,170.51	1,170.51	6.18	4.17	113.74	-2,077.72	-5,662.56	6,088.54	6,078.22	10.32	589.761		
1,300.00	1,281.33	1,266.33	1,266.33	6.65	4.30	113.98	-2,077.72	-5,662.56	6,100.53	6,089.62	10.91	559.016		
1,400.00	1,377.14	1,269.35	1,269.34	7.13	4.40	113.99	-2,077.26	-5,663.27	6,113.87	6,102.39	11.48	532.400		
1,500.00	1,472.96	1,300.00	1,299.98	7.63	4.49	114.07	-2,076.77	-5,664.03	6,127.99	6,115.94	12.05	508.379		
1,600.00	1,568.78	1,349.96	1,349.89	8.14	4.64	114.21	-2,075.59	-5,665.86	6,143.05	6,130.35	12.69	483.904		
1,700.00	1,664.60	1,400.00	1,399.84	8.66	4.80	114.36	-2,073.94	-5,668.43	6,159.12	6,145.77	13.35	461.445		
1,800.00	1,760.41	1,429.02	1,428.78	9.19	4.89	114.44	-2,072.77	-5,670.26	6,176.13	6,162.19	13.94	443.018		
1,900.00	1,856.23	1,467.95	1,467.56	9.73	5.02	114.56	-2,070.95	-5,673.10	6,194.14	6,179.56	14.57	425.050		
2,000.00	1,952.05	1,500.00	1,499.45	10.27	5.13	114.66	-2,069.23	-5,675.77	6,213.13	6,197.95	15.18	409.168		
2,100.00	2,047.86	1,544.56	1,543.73	10.81	5.29	114.80	-2,066.53	-5,679.97	6,233.09	6,217.24	15.85	393.334		
2,200.00	2,143.68	1,609.11	1,589.68	11.36	5.53	114.96	-2,063.34	-5,684.93	6,254.02	6,237.44	16.59	377.075		
2,300.00	2,239.50	1,682.24	1,680.24	11.92	5.81	115.26	-2,056.88	-5,695.00	6,275.43	6,258.05	17.38	361.135		
2,400.00	2,335.32	1,773.59	1,770.81	12.47	6.17	115.56	-2,050.41	-5,705.06	6,297.02	6,278.77	18.25	345.066		
2,500.00	2,431.13	1,864.94	1,861.37	13.03	6.55	115.86	-2,043.94	-5,715.12	6,318.80	6,299.67	19.13	330.231		
2,600.00	2,526.95	1,956.29	1,951.94	13.59	6.94	116.16	-2,037.48	-5,725.19	6,340.77	6,320.74	20.03	316.554		
2,700.00	2,622.77	2,047.64	2,042.50	14.15	7.33	116.45	-2,031.01	-5,735.25	6,362.92	6,341.99	20.94	303.928		
2,800.00	2,718.59	2,138.99	2,133.07	14.72	7.74	116.75	-2,024.55	-5,745.31	6,385.26	6,363.41	21.85	292.258		
2,900.00	2,814.40	2,230.34	2,223.63	15.29	8.15	117.04	-2,018.08	-5,755.38	6,407.78	6,385.01	22.77	281.455		
3,000.00	2,910.22	2,321.70	2,314.20	15.85	8.57	117.33	-2,011.61	-5,765.44	6,430.47	6,406.78	23.69	271.439		
3,100.00	3,006.04	2,413.05	2,404.76	16.42	9.00	117.62	-2,005.15	-5,775.50	6,453.34	6,428.72	24.62	262.137		
3,200.00	3,101.85	2,504.40	2,495.33	16.99	9.43	117.91	-1,998.68	-5,785.57	6,476.38	6,450.84	25.55	253.482		
3,300.00	3,197.67	2,595.75	2,585.89	17.56	9.86	118.19	-1,992.22	-5,795.63	6,499.60	6,473.12	26.48	245.414		
3,400.00	3,293.49	2,687.10	2,676.46	18.14	10.29	118.47	-1,985.75	-5,805.69	6,522.99	6,495.57	27.42	237.882		
3,500.00	3,389.31	2,778.45	2,767.02	18.71	10.73	118.75	-1,979.28	-5,815.76	6,546.55	6,518.19	28.36	230.837		
3,600.00	3,485.12	2,869.80	2,857.58	19.28	11.17	119.03	-1,972.82	-5,825.82	6,570.28	6,540.98	29.30	224.237		
3,700.00	3,580.94	2,961.15	2,948.15	19.86	11.62	119.31	-1,966.35	-5,835.88	6,594.17	6,563.93	30.24	218.043		
3,800.00	3,676.76	3,052.50	3,038.71	20.43	12.06	119.59	-1,959.89	-5,845.95	6,618.22	6,587.04	31.19	212.222		
3,900.00	3,772.58	3,143.86	3,129.28	21.01	12.51	119.86	-1,953.42	-5,856.01	6,642.44	6,610.31	32.13	206.743		
4,000.00	3,868.39	3,235.21	3,219.84	21.58	12.96	120.13	-1,946.95	-5,866.07	6,666.82	6,633.75	33.07	201.578		
4,100.00	3,964.21	3,326.56	3,310.41	22.16	13.41	120.40	-1,940.49	-5,876.14	6,691.36	6,657.34	34.02	196.701		
4,200.00	4,060.03	3,417.91	3,400.97	22.74	13.86	120.67	-1,934.02	-5,886.20	6,716.05	6,681.09	34.96	192.091		
4,300.00	4,155.85	3,509.26	3,491.54	23.32	14.31	120.94	-1,927.56	-5,896.26	6,740.90	6,704.99	35.91	187.728		
4,400.00	4,251.66	3,600.61	3,582.10	23.89	14.77	121.21	-1,921.09	-5,906.33	6,765.90	6,729.05	36.85	183.592		
4,500.00	4,347.48	3,708.04	3,672.67	24.47	15.30	121.47	-1,914.62	-5,916.39	6,791.05	6,753.18	37.87	179.315		
4,600.00	4,443.30	3,783.31	3,763.23	25.05	15.68	121.73	-1,908.16	-5,926.45	6,816.35	6,777.61	38.74	175.940		
4,700.00	4,539.11	3,874.67	3,853.80	25.63	16.13	121.99	-1,901.69	-5,936.52	6,841.81	6,802.12	39.69	172.394		
4,800.00	4,634.93	3,966.02	3,944.36	26.21	16.59	122.25	-1,895.22	-5,946.58	6,867.40	6,826.77	40.63	169.019		
4,900.00	4,730.75	4,057.37	4,034.92	26.79	17.05	122.51	-1,888.76	-5,956.64	6,893.15	6,851.57	41.57	165.801		
5,000.00	4,826.57	4,148.72	4,125.49	27.37	17.51	122.76	-1,882.29	-5,966.71	6,919.03	6,876.51	42.52	162.732		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	4,240.07	4,216.05	27.95	17.97	123.01	-1,875.83	-5,976.77	6,945.06	6,901.60	43.46	159.801		
5,200.00	5,018.20	4,331.42	4,306.62	28.53	18.42	123.27	-1,869.36	-5,986.83	6,971.23	6,926.83	44.40	156.999		
5,300.00	5,114.02	4,422.77	4,397.18	29.11	18.89	123.52	-1,862.89	-5,996.90	6,997.54	6,952.19	45.34	154.319		
5,400.00	5,209.84	4,514.12	4,487.75	29.69	19.35	123.76	-1,856.43	-6,006.96	7,023.98	6,977.70	46.29	151.753		
5,500.00	5,305.65	4,605.47	4,578.31	30.27	19.81	124.01	-1,849.96	-6,017.02	7,050.56	7,003.34	47.23	149.295		
5,600.00	5,401.47	4,703.17	4,668.88	30.86	20.30	124.26	-1,843.50	-6,027.09	7,077.27	7,029.08	48.20	146.846		
5,700.00	5,497.29	4,788.18	4,759.44	31.44	20.73	124.50	-1,837.03	-6,037.15	7,104.12	7,055.02	49.10	144.674		
5,800.00	5,593.10	4,879.53	4,850.01	32.02	21.19	124.74	-1,830.56	-6,047.21	7,131.10	7,081.06	50.04	142.500		
5,900.00	5,688.92	4,970.88	4,940.57	32.60	21.65	124.98	-1,824.10	-6,057.28	7,158.21	7,107.22	50.98	140.411		
6,000.00	5,784.74	5,062.73	5,032.42	33.18	22.11	125.22	-1,817.63	-6,067.35	7,185.32	7,135.33	51.92	138.322		
6,100.00	5,880.56	5,154.58	5,124.27	33.76	22.57	125.46	-1,811.16	-6,077.42	7,212.43	7,162.44	52.86	136.233		
6,200.00	5,976.37	5,246.43	5,216.12	34.35	23.03	125.70	-1,804.69	-6,087.49	7,239.54	7,189.55	53.80	134.144		
6,300.00	6,072.19	5,338.28	5,307.97	34.93	23.49	125.94	-1,798.22	-6,097.56	7,266.65	7,216.66	54.74	132.055		
6,400.00	6,168.01	5,430.13	5,399.82	35.51	23.95	126.18	-1,791.75	-6,107.63	7,293.76	7,243.77	55.68	129.966		
6,500.00	6,263.83	5,521.98	5,491.67	36.09	24.41	126.42	-1,785.28	-6,117.70	7,320.87	7,270.88	56.62	127.877		
6,600.00	6,359.64	5,613.83	5,583.48	36.68	24.87	126.66	-1,778.81	-6,127.77	7,347.98	7,297.99	57.56	125.788		
6,700.00	6,455.46	5,705.68	5,675.30	37.26	25.33	126.90	-1,772.34	-6,137.84	7,375.09	7,325.10	58.50	123.699		
6,733.48	6,487.54	5,737.76	5,707.38	37.45	25.52	127.04	-1,770.00	-6,140.00	7,387.25	7,337.26	58.86	123.144		
6,750.00	6,503.41	5,753.63	5,723.25	37.55	25.61	127.18	-1,768.11	-6,142.11	7,399.41	7,349.42	59.22	122.589		
6,800.00	6,551.83	5,802.05	5,771.67	37.82	25.88	127.32	-1,762.24	-6,148.24	7,426.52	7,376.53	60.16	120.500		
6,850.00	6,600.62	5,850.84	5,820.46	38.05	26.11	127.46	-1,756.37	-6,154.37	7,453.63	7,403.64	61.10	118.411		
6,900.00	6,649.47	5,899.63	5,869.28	38.25	26.30	127.60	-1,750.50	-6,160.50	7,480.74	7,430.75	62.04	116.322		
6,950.00	6,698.08	5,948.42	5,918.07	38.42	26.49	127.74	-1,744.63	-6,166.63	7,507.85	7,457.86	62.98	114.233		
7,000.00	6,746.15	6,037.27	6,006.92	38.57	26.68	127.88	-1,738.76	-6,172.76	7,534.96	7,484.97	63.92	112.144		
7,050.00	6,793.39	6,126.02	6,095.67	38.71	26.87	128.02	-1,732.89	-6,178.89	7,562.07	7,512.08	64.86	110.055		
7,100.00	6,839.50	6,214.77	6,184.42	38.84	27.06	128.16	-1,727.02	-6,185.02	7,589.18	7,539.19	65.80	107.966		
7,150.00	6,884.20	6,303.52	6,273.17	38.97	27.25	128.30	-1,721.15	-6,191.15	7,616.29	7,566.30	66.74	105.877		
7,200.00	6,927.21	6,392.27	6,361.92	39.11	27.44	128.44	-1,715.28	-6,197.28	7,643.40	7,593.41	67.68	103.788		
7,250.00	6,968.28	6,481.02	6,450.77	39.25	27.63	128.58	-1,709.41	-6,203.41	7,670.51	7,620.52	68.62	101.699		
7,300.00	7,007.13	6,569.77	6,539.52	39.41	27.82	128.72	-1,703.54	-6,209.54	7,697.62	7,647.63	69.56	99.610		
7,350.00	7,043.55	6,658.52	6,628.27	39.58	28.01	128.86	-1,697.67	-6,215.67	7,724.73	7,674.74	70.50	97.521		
7,400.00	7,077.29	6,747.27	6,717.02	39.77	28.20	129.00	-1,691.80	-6,221.80	7,751.84	7,701.85	71.44	95.432		
7,450.00	7,108.16	6,836.02	6,805.77	39.98	28.39	129.14	-1,685.93	-6,227.93	7,778.95	7,728.96	72.38	93.343		
7,500.00	7,135.96	6,924.77	6,894.52	40.22	28.58	129.28	-1,680.06	-6,234.06	7,806.06	7,756.07	73.32	91.254		
7,550.00	7,160.53	7,013.52	6,983.27	40.49	28.77	129.42	-1,674.19	-6,240.19	7,833.17	7,783.18	74.26	89.165		
7,600.00	7,181.70	7,102.27	7,071.92	40.79	28.96	129.56	-1,668.32	-6,246.32	7,860.28	7,810.29	75.20	87.076		
7,650.00	7,199.35	7,191.02	7,160.77	41.13	29.15	129.70	-1,662.45	-6,252.45	7,887.39	7,837.40	76.14	84.987		
7,700.00	7,213.38	7,279.77	7,249.52	41.51	29.34	129.84	-1,656.58	-6,258.58	7,914.50	7,864.51	77.08	82.898		
7,750.00	7,223.68	7,368.52	7,338.27	41.93	29.53	129.98	-1,650.71	-6,264.71	7,941.61	7,891.62	78.02	80.809		
7,800.00	7,230.21	7,457.27	7,426.92	42.38	29.72	130.12	-1,644.84	-6,270.84	7,968.72	7,918.73	78.96	78.720		
7,850.00	7,232.92	7,546.02	7,515.77	42.87	29.91	130.26	-1,638.97	-6,276.97	7,995.83	7,945.84	79.90	76.631		
7,858.69	7,233.00	7,634.77	7,604.52	42.95	29.99	130.30	-1,638.11	-6,277.11	8,000.00	7,950.00	80.00	76.000		
7,900.00	7,233.10	7,723.52	7,693.27	43.38	29.99	130.30	-1,638.11	-6,277.11	8,000.00	7,950.00	80.00	76.000		
8,000.00	7,233.35	7,812.27	7,781.92	44.56	29.99	130.30	-1,638.11	-6,277.11	8,000.00	7,950.00	80.00	76.000		
8,100.00	7,233.60	7,901.02	7,870.67	45.91	29.99	130.30	-1,638.11	-6,277.11	8,000.00	7,950.00	80.00	76.000		
8,200.00	7,233.85	7,989.77	7,959.42	47.41	29.99	130.30	-1,638.11	-6,277.11	8,000.00	7,950.00	80.00	76.000		
8,300.00	7,234.10	8,078.52	8,048.17	49.05	29.99	130.30	-1,638.11	-6,277.11	8,000.00	7,950.00	80.00	76.000		
8,400.00	7,234.35	8,167.27	8,136.92	50.81	29.99	130.30	-1,638.11	-6,277.11	8,000.00	7,950.00	80.00	76.000		
8,500.00	7,234.59	8,256.02	8,225.67	52.68	29.99	130.30	-1,638.11	-6,277.11	8,000.00	7,950.00	80.00	76.000		
8,600.00	7,234.84	8,344.77	8,314.42	54.65	29.99	130.30	-1,638.11	-6,277.11	8,000.00	7,950.00	80.00	76.000		
8,700.00	7,235.09	8,433.52	8,403.17	56.70	29.99	130.30	-1,638.11	-6,277.11	8,000.00	7,950.00	80.00	76.000		
8,800.00	7,235.34	8,522.27	8,491.92	58.82	29.99	130.30	-1,638.11	-6,277.11	8,000.00	7,950.00	80.00	76.000		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1200-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,235.59	6,900.00	6,841.60	61.01	29.09	-53.60	-1,925.81	-6,098.48	5,659.40	5,594.23	65.17	86.845		
9,000.00	7,235.84	6,900.00	6,841.60	63.25	29.09	-53.60	-1,925.81	-6,098.48	5,560.10	5,494.87	65.23	85.237		
9,100.00	7,236.09	6,900.00	6,841.60	65.55	29.09	-53.60	-1,925.81	-6,098.48	5,460.82	5,395.52	65.30	83.624		
9,200.00	7,236.34	6,900.00	6,841.60	67.89	29.09	-53.60	-1,925.81	-6,098.48	5,361.57	5,296.19	65.38	82.006		
9,300.00	7,236.58	6,900.00	6,841.60	70.27	29.09	-53.60	-1,925.81	-6,098.48	5,262.35	5,196.89	65.47	80.383		
9,400.00	7,236.83	6,900.00	6,841.60	72.69	29.09	-53.60	-1,925.81	-6,098.48	5,163.16	5,097.60	65.56	78.754		
9,500.00	7,237.08	6,900.00	6,841.60	75.14	29.09	-53.60	-1,925.81	-6,098.48	5,064.00	4,998.34	65.66	77.120		
9,600.00	7,237.33	6,900.00	6,841.60	77.62	29.09	-53.60	-1,925.81	-6,098.48	4,964.88	4,899.10	65.78	75.481		
9,700.00	7,237.58	6,900.00	6,841.60	80.12	29.09	-53.60	-1,925.81	-6,098.48	4,865.79	4,799.89	65.90	73.836		
9,800.00	7,237.83	6,900.00	6,841.60	82.65	29.09	-53.60	-1,925.81	-6,098.48	4,766.74	4,700.71	66.03	72.185		
9,900.00	7,238.08	6,900.00	6,841.60	85.20	29.09	-53.60	-1,925.81	-6,098.48	4,667.73	4,601.55	66.18	70.529		
10,000.00	7,238.32	6,900.00	6,841.60	87.77	29.09	-53.60	-1,925.81	-6,098.48	4,568.77	4,502.42	66.34	68.867		
10,100.00	7,238.57	6,900.00	6,841.60	90.36	29.09	-53.60	-1,925.81	-6,098.48	4,469.84	4,403.33	66.52	67.198		
10,200.00	7,238.82	6,900.00	6,841.60	92.97	29.09	-53.60	-1,925.81	-6,098.48	4,370.97	4,304.27	66.71	65.524		
10,300.00	7,239.07	6,900.00	6,841.60	95.59	29.09	-53.60	-1,925.81	-6,098.48	4,272.15	4,205.24	66.92	63.843		
10,400.00	7,239.32	6,900.00	6,841.60	98.22	29.09	-53.60	-1,925.81	-6,098.48	4,173.39	4,106.25	67.14	62.156		
10,500.00	7,239.57	6,900.00	6,841.60	100.87	29.09	-53.60	-1,925.81	-6,098.48	4,074.69	4,007.30	67.39	60.463		
10,600.00	7,239.82	6,900.00	6,841.60	103.52	29.09	-53.60	-1,925.81	-6,098.48	3,976.05	3,908.39	67.66	58.763		
10,700.00	7,240.07	6,900.00	6,841.60	106.19	29.09	-53.60	-1,925.81	-6,098.48	3,877.48	3,809.53	67.96	57.057		
10,800.00	7,240.31	6,900.00	6,841.60	108.87	29.09	-53.60	-1,925.81	-6,098.48	3,778.99	3,710.71	68.28	55.344		
10,900.00	7,240.56	6,900.00	6,841.60	111.56	29.09	-53.60	-1,925.81	-6,098.48	3,680.58	3,611.94	68.64	53.625		
11,000.00	7,240.81	6,900.00	6,841.60	114.25	29.09	-53.60	-1,925.81	-6,098.48	3,582.26	3,513.23	69.02	51.900		
11,100.00	7,241.06	6,900.00	6,841.60	116.96	29.09	-53.60	-1,925.81	-6,098.48	3,484.03	3,414.58	69.45	50.169		
11,200.00	7,241.31	6,900.00	6,841.60	119.67	29.09	-53.60	-1,925.81	-6,098.48	3,385.91	3,315.99	69.91	48.432		
11,300.00	7,241.56	6,900.00	6,841.60	122.39	29.09	-53.60	-1,925.81	-6,098.48	3,287.89	3,217.47	70.42	46.689		
11,400.00	7,241.81	6,900.00	6,841.60	125.11	29.09	-53.60	-1,925.81	-6,098.48	3,190.01	3,119.02	70.98	44.941		
11,500.00	7,242.06	6,900.00	6,841.60	127.84	29.09	-53.60	-1,925.81	-6,098.48	3,092.25	3,020.66	71.60	43.188		
11,600.00	7,242.30	6,900.00	6,841.60	130.58	29.09	-53.60	-1,925.81	-6,098.48	2,994.65	2,922.37	72.28	41.432		
11,700.00	7,242.55	6,900.00	6,841.60	133.32	29.09	-53.60	-1,925.81	-6,098.48	2,897.21	2,824.18	73.03	39.673		
11,800.00	7,242.80	6,900.00	6,841.60	136.07	29.09	-53.60	-1,925.81	-6,098.48	2,799.95	2,726.10	73.85	37.912		
11,900.00	7,243.05	6,900.00	6,841.60	138.82	29.09	-53.60	-1,925.81	-6,098.48	2,702.89	2,628.12	74.77	36.150		
12,000.00	7,243.30	6,900.00	6,841.60	141.58	29.09	-53.60	-1,925.81	-6,098.48	2,606.05	2,530.27	75.78	34.389		
12,100.00	7,243.55	6,900.00	6,841.60	144.34	29.09	-53.60	-1,925.81	-6,098.48	2,509.46	2,432.56	76.91	32.630		
12,200.00	7,243.80	6,900.00	6,841.60	147.10	29.09	-53.60	-1,925.81	-6,098.48	2,413.15	2,335.00	78.15	30.877		
12,300.00	7,244.04	6,900.00	6,841.60	149.87	29.09	-53.60	-1,925.81	-6,098.48	2,317.15	2,237.61	79.54	29.131		
12,400.00	7,244.29	6,900.00	6,841.60	152.64	29.09	-53.60	-1,925.81	-6,098.48	2,221.51	2,140.42	81.09	27.396		
12,500.00	7,244.54	6,900.00	6,841.60	155.41	29.09	-53.60	-1,925.81	-6,098.48	2,126.26	2,043.44	82.82	25.674		
12,600.00	7,244.79	6,900.00	6,841.60	158.19	29.09	-53.60	-1,925.81	-6,098.48	2,031.47	1,946.72	84.75	23.970		
12,700.00	7,245.04	6,900.00	6,841.60	160.97	29.09	-53.60	-1,925.81	-6,098.48	1,937.21	1,850.29	86.92	22.288		
12,800.00	7,245.29	6,900.00	6,841.60	163.75	29.09	-53.60	-1,925.81	-6,098.48	1,843.55	1,754.19	89.35	20.632		
12,900.00	7,245.54	6,900.00	6,841.60	166.54	29.09	-53.60	-1,925.81	-6,098.48	1,750.59	1,658.50	92.09	19.009		
13,000.00	7,245.79	6,900.00	6,841.60	169.33	29.09	-53.60	-1,925.81	-6,098.48	1,658.45	1,563.27	95.18	17.423		
13,100.00	7,246.03	6,900.00	6,841.60	172.12	29.09	-53.60	-1,925.81	-6,098.48	1,567.28	1,468.60	98.68	15.883		
13,200.00	7,246.28	6,900.00	6,841.60	174.91	29.09	-53.60	-1,925.81	-6,098.48	1,477.24	1,374.61	102.63	14.393		
13,300.00	7,246.53	6,900.00	6,841.60	177.71	29.09	-53.60	-1,925.81	-6,098.48	1,388.58	1,281.46	107.12	12.963		
13,400.00	7,246.78	6,900.00	6,841.60	180.50	29.09	-53.60	-1,925.81	-6,098.48	1,301.55	1,189.34	112.21	11.599		
13,500.00	7,247.03	6,900.00	6,841.60	183.30	29.09	-53.60	-1,925.81	-6,098.48	1,216.52	1,098.54	117.99	10.311		
13,600.00	7,247.28	6,900.00	6,841.60	186.10	29.09	-53.60	-1,925.81	-6,098.48	1,133.94	1,009.40	124.54	9.105		
13,700.00	7,247.53	6,900.00	6,841.60	188.91	29.09	-53.60	-1,925.81	-6,098.48	1,054.38	922.44	131.94	7.992		
13,800.00	7,247.77	6,900.00	6,841.60	191.71	29.09	-53.60	-1,925.81	-6,098.48	978.58	838.35	140.23	6.978		
13,900.00	7,248.02	6,900.00	6,841.60	194.52	29.09	-53.60	-1,925.81	-6,098.48	907.47	758.06	149.42	6.073		
14,000.00	7,248.27	6,900.00	6,841.60	197.32	29.09	-53.60	-1,925.81	-6,098.48	842.26	682.89	159.37	5.285		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1200-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	6,900.00	6,841.60	200.13	29.09	-53.60	-1,925.81	-6,098.48	784.41	614.63	169.78	4.620		
14,200.00	7,248.77	6,900.00	6,841.60	202.94	29.09	-53.60	-1,925.81	-6,098.48	735.66	555.56	180.10	4.085		
14,300.00	7,249.02	6,900.00	6,841.60	205.76	29.09	-53.60	-1,925.81	-6,098.48	697.92	508.44	189.48	3.683		
14,400.00	7,249.27	6,900.00	6,841.60	208.57	29.09	-53.60	-1,925.81	-6,098.48	673.04	476.19	196.85	3.419		
14,500.00	7,249.52	6,900.00	6,841.60	211.38	29.09	-53.60	-1,925.81	-6,098.48	662.48	461.25	201.23	3.292		
14,520.53	7,249.57	6,900.00	6,841.60	211.96	29.09	-53.60	-1,925.81	-6,098.48	662.16	460.46	201.70	3.283 CC, ES, SF		
14,600.00	7,249.76	6,900.00	6,841.60	214.20	29.09	-53.60	-1,925.81	-6,098.48	666.91	464.85	202.06	3.301		
14,700.00	7,250.01	6,900.00	6,841.60	217.02	29.09	-53.60	-1,925.81	-6,098.48	686.05	486.60	199.45	3.440		
14,800.00	7,250.26	6,900.00	6,841.60	219.84	29.09	-53.60	-1,925.81	-6,098.48	718.72	524.63	194.09	3.703		
14,900.00	7,250.51	6,900.00	6,841.60	222.65	29.09	-53.60	-1,925.81	-6,098.48	763.19	576.24	186.95	4.082		
15,000.00	7,250.76	6,900.00	6,841.60	225.48	29.09	-53.60	-1,925.81	-6,098.48	817.53	638.59	178.94	4.569		
15,100.00	7,251.01	6,900.00	6,841.60	228.30	29.09	-53.60	-1,925.81	-6,098.48	879.91	709.15	170.76	5.153		
15,200.00	7,251.26	6,900.00	6,841.60	231.12	29.09	-53.60	-1,925.81	-6,098.48	948.76	785.89	162.87	5.825		
15,300.00	7,251.50	6,900.00	6,841.60	233.94	29.09	-53.60	-1,925.81	-6,098.48	1,022.76	867.27	155.49	6.578		
15,400.00	7,251.75	6,900.00	6,841.60	236.77	29.09	-53.60	-1,925.81	-6,098.48	1,100.88	952.14	148.74	7.401		
15,500.00	7,252.00	6,900.00	6,841.60	239.59	29.09	-53.60	-1,925.81	-6,098.48	1,182.30	1,039.66	142.64	8.289		
15,600.00	7,252.25	6,900.00	6,841.60	242.42	29.09	-53.60	-1,925.81	-6,098.48	1,266.38	1,129.23	137.15	9.233		
15,700.00	7,252.50	6,900.00	6,841.60	245.24	29.09	-53.60	-1,925.81	-6,098.48	1,352.63	1,220.39	132.24	10.228		
15,800.00	7,252.75	6,900.00	6,841.60	248.07	29.09	-53.60	-1,925.81	-6,098.48	1,440.66	1,312.81	127.85	11.268		
15,900.00	7,253.00	6,900.00	6,841.60	250.90	29.09	-53.60	-1,925.81	-6,098.48	1,530.17	1,406.25	123.92	12.348		
16,000.00	7,253.25	6,900.00	6,841.60	253.73	29.09	-53.60	-1,925.81	-6,098.48	1,620.89	1,500.50	120.40	13.463		
16,100.00	7,253.49	6,900.00	6,841.60	256.56	29.09	-53.60	-1,925.81	-6,098.48	1,712.66	1,595.43	117.23	14.609		
16,200.00	7,253.74	6,900.00	6,841.60	259.39	29.09	-53.60	-1,925.81	-6,098.48	1,805.29	1,690.91	114.38	15.783		
16,300.00	7,253.99	6,900.00	6,841.60	262.22	29.09	-53.60	-1,925.81	-6,098.48	1,898.68	1,786.87	111.81	16.981		
16,400.00	7,254.24	6,900.00	6,841.60	265.05	29.09	-53.60	-1,925.81	-6,098.48	1,992.71	1,883.22	109.49	18.200		
16,500.00	7,254.49	6,900.00	6,841.60	267.88	29.09	-53.60	-1,925.81	-6,098.48	2,087.29	1,979.91	107.38	19.438		
16,600.00	7,254.74	6,900.00	6,841.60	270.72	29.09	-53.60	-1,925.81	-6,098.48	2,182.35	2,076.89	105.47	20.693		
16,700.00	7,254.99	6,900.00	6,841.60	273.55	29.09	-53.60	-1,925.81	-6,098.48	2,277.84	2,174.12	103.72	21.961		
16,800.00	7,255.24	6,900.00	6,841.60	276.38	29.09	-53.60	-1,925.81	-6,098.48	2,373.70	2,271.58	102.13	23.243		
16,900.00	7,255.48	6,900.00	6,841.60	279.22	29.09	-53.60	-1,925.81	-6,098.48	2,469.89	2,369.22	100.67	24.535		
17,000.00	7,255.73	6,900.00	6,841.60	282.05	29.09	-53.60	-1,925.81	-6,098.48	2,566.37	2,467.04	99.33	25.837		
17,100.00	7,255.98	6,900.00	6,841.60	284.89	29.09	-53.60	-1,925.81	-6,098.48	2,663.11	2,565.01	98.10	27.147		
17,200.00	7,256.23	6,900.00	6,841.60	287.73	29.09	-53.60	-1,925.81	-6,098.48	2,760.08	2,663.11	96.97	28.463		
17,300.00	7,256.48	6,900.00	6,841.60	290.56	29.09	-53.60	-1,925.81	-6,098.48	2,857.26	2,761.33	95.93	29.786		
17,400.00	7,256.73	6,900.00	6,841.60	293.40	29.09	-53.60	-1,925.81	-6,098.48	2,954.63	2,859.66	94.96	31.113		
17,500.00	7,256.98	6,900.00	6,841.60	296.24	29.09	-53.60	-1,925.81	-6,098.48	3,052.17	2,958.09	94.07	32.445		
17,600.00	7,257.22	6,900.00	6,841.60	299.07	29.09	-53.60	-1,925.81	-6,098.48	3,149.86	3,056.61	93.25	33.779		
17,700.00	7,257.47	6,900.00	6,841.60	301.91	29.09	-53.60	-1,925.81	-6,098.48	3,247.69	3,155.21	92.48	35.117		
17,800.00	7,257.72	6,918.12	6,856.56	304.75	29.11	-55.16	-1,936.03	-6,098.48	3,345.56	3,253.21	92.35	36.228		
17,900.00	7,257.97	6,918.15	6,856.59	307.59	29.11	-55.17	-1,936.05	-6,098.48	3,443.64	3,351.97	91.67	37.565		
18,000.00	7,258.22	6,918.19	6,856.62	310.43	29.11	-55.17	-1,936.08	-6,098.48	3,541.83	3,450.79	91.04	38.903		
18,100.00	7,258.47	6,918.23	6,856.65	313.27	29.11	-55.17	-1,936.10	-6,098.48	3,640.12	3,549.66	90.45	40.242		
18,200.00	7,258.72	6,918.27	6,856.68	316.11	29.11	-55.18	-1,936.12	-6,098.48	3,738.50	3,648.59	89.91	41.582		
18,300.00	7,258.97	6,918.30	6,856.71	318.95	29.11	-55.18	-1,936.14	-6,098.48	3,836.96	3,747.56	89.40	42.921		
18,400.00	7,259.21	6,918.34	6,856.74	321.79	29.11	-55.18	-1,936.16	-6,098.48	3,935.50	3,846.58	88.92	44.259		
18,500.00	7,259.46	6,918.38	6,856.77	324.63	29.11	-55.19	-1,936.18	-6,098.48	4,034.11	3,945.63	88.47	45.597		
18,600.00	7,259.71	6,918.41	6,856.80	327.48	29.11	-55.19	-1,936.20	-6,098.48	4,132.79	4,044.73	88.06	46.933		
18,700.00	7,259.96	6,918.45	6,856.83	330.32	29.11	-55.19	-1,936.23	-6,098.48	4,231.53	4,143.86	87.67	48.268		
18,800.00	7,260.21	6,918.49	6,856.86	333.16	29.11	-55.20	-1,936.25	-6,098.48	4,330.32	4,243.02	87.30	49.601		
18,900.00	7,260.46	6,918.53	6,856.89	336.00	29.11	-55.20	-1,936.27	-6,098.48	4,429.18	4,342.21	86.96	50.933		
19,000.00	7,260.71	6,918.56	6,856.92	338.85	29.11	-55.20	-1,936.29	-6,098.48	4,528.08	4,441.44	86.64	52.262		
19,100.00	7,260.95	6,918.60	6,856.95	341.69	29.11	-55.21	-1,936.31	-6,098.48	4,627.03	4,540.69	86.34	53.589		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Harvesters Resources #15R-323(PR) - OH - OH												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 1200-MWD												<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		Distance									Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
19,118.22	7,261.00	6,918.61	6,856.96	342.21	29.11	-55.21	-1,936.32	-6,098.48	4,645.06	4,558.77	86.29	53.831	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 800-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	15.00	-15.00	3.28	3.28	-110.05	-2,077.71	-5,693.16	6,060.44					
100.00	100.00	85.00	85.00	3.28	3.29	-110.05	-2,077.71	-5,693.16	6,060.44	6,053.87	6.57	922.441		
200.00	200.00	185.00	185.00	3.34	3.31	-110.05	-2,077.71	-5,693.16	6,060.44	6,053.80	6.64	912.433		
300.00	300.00	285.00	285.00	3.44	3.34	-110.05	-2,077.71	-5,693.16	6,060.44	6,053.65	6.78	893.345		
400.00	399.98	384.98	384.98	3.60	3.39	113.55	-2,077.71	-5,693.16	6,061.14	6,054.15	6.98	867.922		
500.00	499.84	484.84	484.84	3.79	3.45	113.56	-2,077.71	-5,693.16	6,063.23	6,055.99	7.24	837.925		
600.00	599.45	584.45	584.45	4.03	3.52	113.57	-2,077.71	-5,693.16	6,066.73	6,059.18	7.54	804.269		
700.00	698.70	683.70	683.70	4.30	3.61	113.59	-2,077.71	-5,693.16	6,071.63	6,063.73	7.90	768.554		
800.00	797.47	782.47	782.47	4.60	3.70	113.60	-2,077.71	-5,693.16	6,077.96	6,069.66	8.30	732.038		
900.00	895.62	830.78	830.78	4.94	3.78	113.53	-2,077.65	-5,693.31	6,086.05	6,077.33	8.73	697.405		
1,000.00	993.06	867.79	867.79	5.32	3.87	113.42	-2,077.43	-5,693.91	6,096.55	6,087.37	9.18	663.899		
1,100.00	1,089.64	900.00	899.98	5.73	3.94	113.25	-2,077.09	-5,694.79	6,109.46	6,099.80	9.66	632.176		
1,131.50	1,119.87	900.00	899.98	5.87	3.94	113.17	-2,077.09	-5,694.79	6,114.08	6,104.28	9.80	623.946		
1,200.00	1,185.51	940.00	940.01	6.18	4.04	113.28	-2,076.49	-5,696.36	6,124.46	6,114.26	10.20	600.681		
1,300.00	1,281.33	1,000.00	999.84	6.65	4.20	113.45	-2,075.23	-5,699.68	6,140.70	6,129.89	10.80	568.406		
1,400.00	1,377.14	1,000.00	999.84	7.13	4.20	113.45	-2,075.23	-5,699.68	6,157.74	6,146.47	11.27	546.472		
1,500.00	1,472.96	1,045.81	1,045.51	7.63	4.33	113.58	-2,073.96	-5,703.01	6,175.91	6,164.03	11.87	520.186		
1,600.00	1,568.78	1,100.00	1,099.45	8.14	4.49	113.75	-2,072.13	-5,707.82	6,195.22	6,182.70	12.52	495.000		
1,700.00	1,664.60	1,100.00	1,099.45	8.66	4.49	113.75	-2,072.13	-5,707.82	6,215.44	6,202.44	13.00	478.023		
1,800.00	1,760.41	1,148.78	1,147.92	9.19	4.65	113.90	-2,070.17	-5,712.97	6,236.69	6,223.04	13.65	456.964		
1,900.00	1,856.23	1,200.00	1,198.70	9.73	4.82	114.06	-2,067.79	-5,719.21	6,259.07	6,244.76	14.31	437.371		
2,000.00	1,952.05	1,215.82	1,214.36	10.27	4.88	114.11	-2,066.99	-5,721.31	6,282.35	6,267.49	14.86	422.835		
2,100.00	2,047.86	1,259.83	1,257.87	10.81	5.04	114.26	-2,064.63	-5,727.52	6,306.70	6,291.19	15.51	406.710		
2,200.00	2,143.68	1,350.53	1,347.49	11.36	5.39	114.56	-2,059.66	-5,740.57	6,331.51	6,315.17	16.34	387.493		
2,300.00	2,239.50	1,441.24	1,437.11	11.92	5.76	114.85	-2,054.70	-5,753.61	6,356.50	6,339.30	17.19	369.746		
2,400.00	2,335.32	1,531.94	1,526.73	12.47	6.15	115.15	-2,049.73	-5,766.66	6,381.66	6,363.61	18.06	353.378		
2,500.00	2,431.13	1,622.64	1,616.36	13.03	6.55	115.44	-2,044.76	-5,779.70	6,407.01	6,388.07	18.94	338.298		
2,600.00	2,526.95	1,713.35	1,705.98	13.59	6.96	115.73	-2,039.80	-5,792.75	6,432.53	6,412.70	19.83	324.396		
2,700.00	2,622.77	1,804.05	1,795.60	14.15	7.39	116.02	-2,034.83	-5,805.79	6,458.23	6,437.50	20.73	311.568		
2,800.00	2,718.59	1,905.25	1,895.23	14.72	7.87	116.30	-2,029.87	-5,818.83	6,484.10	6,462.42	21.68	299.097		
2,900.00	2,814.40	1,985.45	1,974.85	15.29	8.26	116.59	-2,024.90	-5,831.88	6,510.13	6,487.59	22.55	288.749		
3,000.00	2,910.22	2,076.16	2,064.47	15.85	8.70	116.87	-2,019.93	-5,844.92	6,536.34	6,512.88	23.46	278.583		
3,100.00	3,006.04	2,166.86	2,154.09	16.42	9.15	117.15	-2,014.97	-5,857.97	6,562.71	6,538.33	24.38	269.144		
3,200.00	3,101.85	2,257.56	2,243.72	16.99	9.60	117.42	-2,010.00	-5,871.01	6,589.24	6,563.94	25.31	260.364		
3,300.00	3,197.67	2,348.27	2,333.34	17.56	10.06	117.70	-2,005.04	-5,884.06	6,615.94	6,589.70	26.23	252.183		
3,400.00	3,293.49	2,438.97	2,422.96	18.14	10.52	117.97	-2,000.07	-5,897.10	6,642.79	6,615.63	27.16	244.545		
3,500.00	3,389.31	2,529.67	2,512.58	18.71	10.99	118.25	-1,995.10	-5,910.14	6,669.81	6,641.71	28.09	237.402		
3,600.00	3,485.12	2,620.38	2,602.21	19.28	11.45	118.52	-1,990.14	-5,923.19	6,696.98	6,667.95	29.03	230.711		
3,700.00	3,580.94	2,711.08	2,691.83	19.86	11.92	118.79	-1,985.17	-5,936.23	6,724.30	6,694.34	29.96	224.433		
3,800.00	3,676.76	2,801.78	2,781.45	20.43	12.39	119.05	-1,980.21	-5,949.28	6,751.77	6,720.88	30.90	218.533		
3,900.00	3,772.58	2,907.52	2,871.07	21.01	12.94	119.32	-1,975.24	-5,962.32	6,779.40	6,747.50	31.90	212.519		
4,000.00	3,868.39	2,983.19	2,960.70	21.58	13.34	119.58	-1,970.27	-5,975.36	6,807.17	6,774.40	32.77	207.744		
4,100.00	3,964.21	3,073.89	3,050.32	22.16	13.81	119.84	-1,965.31	-5,988.41	6,835.09	6,801.39	33.70	202.801		
4,200.00	4,060.03	3,164.59	3,139.94	22.74	14.29	120.10	-1,960.34	-6,001.45	6,863.15	6,828.51	34.64	198.129		
4,300.00	4,155.85	3,255.30	3,229.56	23.32	14.76	120.35	-1,955.37	-6,014.50	6,891.36	6,855.79	35.58	193.706		
4,400.00	4,251.66	3,346.00	3,319.19	23.89	15.24	120.61	-1,950.41	-6,027.54	6,919.71	6,883.20	36.51	189.514		
4,500.00	4,347.48	3,436.70	3,408.81	24.47	15.72	120.86	-1,945.44	-6,040.59	6,948.20	6,910.75	37.45	185.537		
4,600.00	4,443.30	3,527.41	3,498.43	25.05	16.20	121.11	-1,940.48	-6,053.63	6,976.82	6,938.44	38.39	181.757		
4,700.00	4,539.11	3,618.11	3,588.06	25.63	16.68	121.36	-1,935.51	-6,066.67	7,005.59	6,966.26	39.32	178.163		
4,800.00	4,634.93	3,708.81	3,677.68	26.21	17.16	121.61	-1,930.54	-6,079.72	7,034.48	6,994.23	40.26	174.740		
4,900.00	4,730.75	3,799.51	3,767.30	26.79	17.65	121.85	-1,925.58	-6,092.76	7,063.51	7,022.32	41.19	171.478		
5,000.00	4,826.57	3,909.78	3,856.92	27.37	18.23	122.10	-1,920.61	-6,105.81	7,092.67	7,050.45	42.22	168.002		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	3,980.92	3,946.55	27.95	18.61	122.34	-1,915.65	-6,118.85	7,121.96	7,078.90	43.06	165.393		
5,200.00	5,018.20	4,071.62	4,036.17	28.53	19.09	122.58	-1,910.68	-6,131.90	7,151.38	7,107.39	43.99	162.551		
5,300.00	5,114.02	4,162.33	4,125.79	29.11	19.58	122.82	-1,905.71	-6,144.94	7,180.92	7,136.00	44.93	159.833		
5,400.00	5,209.84	4,253.03	4,215.41	29.69	20.06	123.06	-1,900.75	-6,157.98	7,210.59	7,164.73	45.86	157.229		
5,500.00	5,305.65	4,343.73	4,305.04	30.27	20.55	123.29	-1,895.78	-6,171.03	7,240.39	7,193.59	46.79	154.734		
5,600.00	5,401.47	4,434.43	4,394.66	30.86	21.03	123.52	-1,890.82	-6,184.07	7,270.30	7,222.58	47.72	152.341		
5,700.00	5,497.29	4,525.14	4,484.28	31.44	21.52	123.75	-1,885.85	-6,197.12	7,300.33	7,251.68	48.65	150.044		
5,800.00	5,593.10	4,615.84	4,573.90	32.02	22.01	123.98	-1,880.88	-6,210.16	7,330.49	7,280.90	49.58	147.837		
5,900.00	5,688.92	4,706.54	4,663.53	32.60	22.49	124.21	-1,875.92	-6,223.21	7,360.76	7,310.24	50.51	145.716		
6,000.00	5,784.74	4,797.25	4,753.15	33.18	22.98	124.44	-1,870.95	-6,236.25	7,391.14	7,339.70	51.44	143.676		
6,100.00	5,880.56	4,887.95	4,842.77	33.76	23.47	124.66	-1,865.99	-6,249.29	7,421.65	7,369.27	52.37	141.712		
6,200.00	5,976.37	4,978.65	4,932.39	34.35	23.95	124.89	-1,861.02	-6,262.34	7,452.26	7,398.96	53.30	139.820		
6,300.00	6,072.19	5,069.36	5,022.02	34.93	24.44	125.11	-1,856.05	-6,275.38	7,482.99	7,428.76	54.23	137.996		
6,400.00	6,168.01	5,160.06	5,111.64	35.51	24.93	125.33	-1,851.09	-6,288.43	7,513.82	7,458.67	55.15	136.238		
6,500.00	6,263.83	5,250.76	5,201.26	36.09	25.42	125.54	-1,846.12	-6,301.47	7,544.77	7,488.69	56.08	134.541		
6,600.00	6,359.64	5,341.46	5,290.88	36.68	25.90	125.76	-1,841.16	-6,314.52	7,575.82	7,518.82	57.00	132.903		
6,700.00	6,455.46	5,432.17	5,380.51	37.26	26.39	125.98	-1,836.19	-6,327.56	7,606.98	7,549.05	57.93	131.320		
6,733.48	6,487.54	5,462.54	5,410.51	37.45	26.56	126.05	-1,834.53	-6,331.93	7,617.43	7,559.20	58.24	130.802		
6,750.00	6,503.41	5,477.59	5,425.39	37.55	26.64	122.23	-1,833.70	-6,334.09	7,622.39	7,564.01	58.39	130.548		
6,800.00	6,551.83	5,523.91	5,471.15	37.82	26.89	107.51	-1,831.17	-6,340.75	7,634.93	7,576.09	58.84	129.757		
6,850.00	6,600.62	5,571.14	5,517.83	38.05	27.14	88.32	-1,828.58	-6,347.55	7,643.67	7,584.39	59.28	128.947		
6,900.00	6,649.47	5,623.08	5,576.72	38.25	31.97	69.84	-1,802.22	-6,429.12	7,646.52	7,581.63	64.89	117.836		
6,950.00	6,698.08	5,675.57	5,630.96	38.42	32.06	52.87	-1,806.05	-6,429.12	7,641.15	7,576.00	65.16	117.275		
7,000.00	6,746.15	5,723.00	5,678.88	38.57	32.16	40.62	-1,811.94	-6,429.12	7,632.05	7,566.64	65.41	116.677		
7,050.00	6,793.39	5,769.73	5,723.73	38.71	32.22	32.09	-1,816.89	-6,429.12	7,619.24	7,553.65	65.59	116.164		
7,100.00	6,839.50	5,815.86	5,769.38	38.84	32.30	26.06	-1,823.68	-6,429.11	7,602.82	7,537.05	65.76	115.609		
7,150.00	6,884.20	5,861.03	5,816.49	38.97	32.37	21.63	-1,831.20	-6,429.11	7,582.86	7,516.95	65.91	115.041		
7,200.00	6,927.21	5,906.00	5,861.45	39.11	32.42	18.25	-1,837.63	-6,429.11	7,559.50	7,493.47	66.03	114.490		
7,250.00	6,968.28	5,947.62	5,902.32	39.25	32.49	15.55	-1,847.64	-6,429.11	7,532.84	7,466.70	66.15	113.879		
7,300.00	7,007.13	5,988.68	5,943.74	39.41	32.54	13.33	-1,856.18	-6,429.11	7,503.06	7,436.83	66.24	113.279		
7,350.00	7,043.55	6,029.05	5,984.35	39.58	32.59	11.42	-1,864.67	-6,429.11	7,470.33	7,404.02	66.31	112.663		
7,400.00	7,077.29	6,069.00	6,023.84	39.77	32.64	9.67	-1,875.70	-6,429.11	7,434.83	7,368.44	66.39	111.991		
7,450.00	7,108.16	6,109.00	6,063.84	39.98	32.64	8.11	-1,875.70	-6,429.11	7,396.76	7,330.39	66.37	111.443		
7,500.00	7,135.96	6,147.07	6,101.92	40.22	32.69	6.41	-1,888.06	-6,429.11	7,356.33	7,289.89	66.44	110.715		
7,550.00	7,160.53	6,184.82	6,139.98	40.49	32.72	4.63	-1,894.66	-6,429.11	7,313.80	7,247.33	66.47	110.033		
7,600.00	7,181.70	6,221.54	6,176.17	40.79	32.74	2.56	-1,900.46	-6,429.11	7,269.40	7,202.92	66.49	109.335		
7,650.00	7,199.35	6,258.22	6,213.51	41.13	32.76	-0.08	-1,905.37	-6,429.11	7,223.40	7,156.90	66.50	108.622		
7,700.00	7,213.38	6,295.84	6,250.04	41.51	32.77	-3.83	-1,909.30	-6,429.11	7,176.06	7,109.55	66.51	107.894		
7,750.00	7,223.68	6,335.40	6,289.77	41.93	32.78	-9.91	-1,912.21	-6,429.11	7,127.66	7,061.14	66.52	107.154		
7,800.00	7,230.21	6,374.89	6,329.73	42.38	32.79	-21.66	-1,914.06	-6,429.11	7,078.49	7,011.97	66.52	106.404		
7,850.00	7,232.92	6,414.31	6,369.93	42.87	32.79	-49.46	-1,914.81	-6,429.11	7,028.85	6,962.32	66.53	105.645		
7,858.69	7,233.00	6,454.34	6,409.96	42.95	32.79	-57.23	-1,914.83	-6,429.11	7,020.19	6,953.66	66.54	105.511		
7,900.00	7,233.10	6,494.36	6,449.98	43.38	32.79	-57.23	-1,914.84	-6,429.11	6,979.05	6,912.51	66.54	104.882		
8,000.00	7,233.35	6,534.42	6,489.03	44.56	32.79	-57.24	-1,914.87	-6,429.11	6,879.45	6,812.89	66.56	103.355		
8,100.00	7,233.60	6,574.47	6,529.07	45.91	32.79	-57.24	-1,914.90	-6,429.11	6,779.87	6,713.28	66.58	101.824		
8,200.00	7,233.85	6,614.52	6,569.11	47.41	32.79	-57.25	-1,914.93	-6,429.11	6,680.30	6,613.69	66.61	100.289		
8,300.00	7,234.10	6,654.57	6,609.16	49.05	32.79	-57.25	-1,914.95	-6,429.11	6,580.74	6,514.10	66.64	98.751		
8,400.00	7,234.35	6,694.62	6,649.20	50.81	32.79	-57.26	-1,914.98	-6,429.11	6,481.19	6,414.52	66.67	97.208		
8,500.00	7,234.59	6,734.67	6,689.24	52.68	32.79	-57.26	-1,915.01	-6,429.11	6,381.66	6,314.95	66.71	95.661		
8,600.00	7,234.84	6,774.73	6,729.29	54.65	32.79	-57.27	-1,915.04	-6,429.11	6,282.14	6,215.39	66.75	94.110		
8,700.00	7,235.09	6,814.78	6,769.33	56.70	32.79	-57.27	-1,915.06	-6,429.11	6,182.64	6,115.84	66.80	92.556		
8,800.00	7,235.34	6,854.83	6,809.38	58.82	32.79	-57.28	-1,915.09	-6,429.11	6,083.15	6,016.30	66.85	90.996		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 800-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,235.59	6,980.88	6,899.42	61.01	32.79	-57.28	-1,915.12	-6,429.11	5,983.69	5,916.78	66.91	89.433		
9,000.00	7,235.84	6,980.93	6,899.46	63.25	32.79	-57.29	-1,915.15	-6,429.11	5,884.24	5,817.27	66.97	87.865		
9,100.00	7,236.09	6,980.98	6,899.51	65.55	32.79	-57.29	-1,915.17	-6,429.11	5,784.81	5,717.77	67.04	86.293		
9,200.00	7,236.34	6,981.03	6,899.55	67.89	32.79	-57.30	-1,915.20	-6,429.11	5,685.39	5,618.28	67.11	84.717		
9,300.00	7,236.58	6,981.09	6,899.59	70.27	32.79	-57.30	-1,915.23	-6,429.11	5,586.01	5,518.81	67.19	83.136		
9,400.00	7,236.83	6,981.14	6,899.64	72.69	32.79	-57.31	-1,915.26	-6,429.11	5,486.64	5,419.36	67.28	81.550		
9,500.00	7,237.08	6,981.19	6,899.68	75.14	32.79	-57.31	-1,915.28	-6,429.11	5,387.29	5,319.92	67.37	79.960		
9,600.00	7,237.33	6,981.24	6,899.72	77.62	32.79	-57.31	-1,915.31	-6,429.11	5,287.97	5,220.50	67.48	78.366		
9,700.00	7,237.58	6,981.29	6,899.77	80.12	32.79	-57.32	-1,915.34	-6,429.11	5,188.68	5,121.09	67.59	76.766		
9,800.00	7,237.83	6,981.34	6,899.81	82.65	32.79	-57.32	-1,915.37	-6,429.11	5,089.41	5,021.70	67.71	75.162		
9,900.00	7,238.08	6,981.39	6,899.85	85.20	32.79	-57.33	-1,915.39	-6,429.11	4,990.18	4,922.33	67.85	73.552		
10,000.00	7,238.32	6,981.45	6,899.90	87.77	32.79	-57.33	-1,915.42	-6,429.11	4,890.97	4,822.98	67.99	71.938		
10,100.00	7,238.57	6,981.50	6,899.94	90.36	32.79	-57.34	-1,915.45	-6,429.11	4,791.80	4,723.66	68.14	70.318		
10,200.00	7,238.82	6,981.55	6,899.98	92.97	32.79	-57.34	-1,915.47	-6,429.11	4,692.66	4,624.35	68.31	68.694		
10,300.00	7,239.07	6,981.60	6,900.03	95.59	32.79	-57.35	-1,915.50	-6,429.11	4,593.56	4,525.07	68.50	67.064		
10,400.00	7,239.32	6,981.65	6,900.07	98.22	32.79	-57.35	-1,915.53	-6,429.11	4,494.50	4,425.81	68.69	65.428		
10,500.00	7,239.57	6,981.70	6,900.11	100.87	32.79	-57.36	-1,915.56	-6,429.11	4,395.49	4,326.58	68.91	63.787		
10,600.00	7,239.82	6,981.75	6,900.16	103.52	32.79	-57.36	-1,915.58	-6,429.11	4,296.51	4,227.37	69.14	62.141		
10,700.00	7,240.07	6,981.80	6,900.20	106.19	32.79	-57.37	-1,915.61	-6,429.11	4,197.59	4,128.20	69.39	60.489		
10,800.00	7,240.31	6,981.85	6,900.24	108.87	32.79	-57.37	-1,915.64	-6,429.11	4,098.72	4,029.05	69.67	58.832		
10,900.00	7,240.56	6,981.91	6,900.29	111.56	32.79	-57.38	-1,915.67	-6,429.11	3,999.91	3,929.94	69.97	57.169		
11,000.00	7,240.81	6,981.96	6,900.33	114.25	32.79	-57.38	-1,915.69	-6,429.11	3,901.15	3,830.86	70.29	55.500		
11,100.00	7,241.06	6,982.01	6,900.37	116.96	32.79	-57.39	-1,915.72	-6,429.11	3,802.46	3,731.82	70.64	53.826		
11,200.00	7,241.31	6,982.06	6,900.42	119.67	32.79	-57.39	-1,915.75	-6,429.11	3,703.84	3,632.82	71.03	52.146		
11,300.00	7,241.56	6,982.11	6,900.46	122.39	32.79	-57.39	-1,915.77	-6,429.11	3,605.30	3,533.85	71.45	50.461		
11,400.00	7,241.81	6,982.16	6,900.50	125.11	32.79	-57.40	-1,915.80	-6,429.11	3,506.84	3,434.94	71.90	48.771		
11,500.00	7,242.06	6,982.21	6,900.54	127.84	32.79	-57.40	-1,915.83	-6,429.11	3,408.47	3,336.07	72.40	47.076		
11,600.00	7,242.30	6,982.26	6,900.59	130.58	32.79	-57.41	-1,915.86	-6,429.11	3,310.20	3,237.25	72.95	45.376		
11,700.00	7,242.55	6,982.31	6,900.63	133.32	32.79	-57.41	-1,915.88	-6,429.11	3,212.03	3,138.48	73.55	43.673		
11,800.00	7,242.80	6,982.36	6,900.67	136.07	32.79	-57.42	-1,915.91	-6,429.11	3,113.98	3,039.78	74.20	41.966		
11,900.00	7,243.05	6,982.42	6,900.72	138.82	32.79	-57.42	-1,915.94	-6,429.11	3,016.06	2,941.14	74.92	40.255		
12,000.00	7,243.30	6,982.47	6,900.76	141.58	32.80	-57.43	-1,915.97	-6,429.11	2,918.28	2,842.56	75.71	38.543		
12,100.00	7,243.55	6,982.52	6,900.80	144.34	32.80	-57.43	-1,915.99	-6,429.11	2,820.65	2,744.07	76.59	36.830		
12,200.00	7,243.80	6,982.57	6,900.85	147.10	32.80	-57.44	-1,916.02	-6,429.11	2,723.20	2,645.65	77.55	35.117		
12,300.00	7,244.04	6,982.62	6,900.89	149.87	32.80	-57.44	-1,916.05	-6,429.11	2,625.94	2,547.33	78.61	33.406		
12,400.00	7,244.29	6,982.67	6,900.93	152.64	32.80	-57.45	-1,916.07	-6,429.11	2,528.89	2,449.11	79.78	31.697		
12,500.00	7,244.54	6,982.72	6,900.97	155.41	32.80	-57.45	-1,916.10	-6,429.11	2,432.08	2,351.00	81.08	29.995		
12,600.00	7,244.79	6,982.77	6,901.02	158.19	32.80	-57.46	-1,916.13	-6,429.11	2,335.55	2,253.02	82.53	28.300		
12,700.00	7,245.04	6,982.82	6,901.06	160.97	32.80	-57.46	-1,916.15	-6,429.11	2,239.31	2,155.17	84.14	26.615		
12,800.00	7,245.29	6,982.87	6,901.10	163.75	32.80	-57.47	-1,916.18	-6,429.11	2,143.42	2,057.49	85.93	24.943		
12,900.00	7,245.54	6,982.92	6,901.15	166.54	32.80	-57.47	-1,916.21	-6,429.11	2,047.92	1,959.99	87.94	23.289		
13,000.00	7,245.79	6,982.97	6,901.19	169.33	32.80	-57.47	-1,916.24	-6,429.11	1,952.87	1,862.69	90.18	21.655		
13,100.00	7,246.03	6,983.02	6,901.23	172.12	32.80	-57.48	-1,916.26	-6,429.11	1,858.35	1,765.65	92.70	20.047		
13,200.00	7,246.28	6,983.07	6,901.27	174.91	32.80	-57.48	-1,916.29	-6,429.11	1,764.42	1,668.89	95.54	18.468		
13,300.00	7,246.53	6,983.12	6,901.32	177.71	32.80	-57.49	-1,916.32	-6,429.11	1,671.21	1,572.47	98.74	16.925		
13,400.00	7,246.78	6,983.17	6,901.36	180.50	32.80	-57.49	-1,916.34	-6,429.11	1,578.82	1,476.46	102.36	15.424		
13,500.00	7,247.03	7,000.00	6,915.47	183.30	32.83	-59.04	-1,925.51	-6,429.10	1,487.59	1,380.10	107.48	13.840		
13,600.00	7,247.28	7,000.00	6,915.47	186.10	32.83	-59.04	-1,925.51	-6,429.10	1,397.37	1,285.13	112.24	12.450		
13,700.00	7,247.53	7,000.00	6,915.47	188.91	32.83	-59.04	-1,925.51	-6,429.10	1,308.58	1,190.92	117.65	11.122		
13,800.00	7,247.77	7,000.00	6,915.47	191.71	32.83	-59.04	-1,925.51	-6,429.10	1,221.52	1,097.69	123.83	9.864		
13,900.00	7,248.02	7,000.00	6,915.47	194.52	32.83	-59.04	-1,925.51	-6,429.10	1,136.59	1,005.72	130.88	8.684		
14,000.00	7,248.27	7,000.00	6,915.47	197.32	32.83	-59.04	-1,925.51	-6,429.10	1,054.31	915.41	138.91	7.590		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 800-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	7,000.00	6,915.47	200.13	32.83	-59.04	-1,925.51	-6,429.10	975.35	827.33	148.02	6.589		
14,200.00	7,248.77	7,000.00	6,915.47	202.94	32.83	-59.04	-1,925.51	-6,429.10	900.58	742.32	158.26	5.690		
14,300.00	7,249.02	7,000.00	6,915.47	205.76	32.83	-59.04	-1,925.51	-6,429.10	831.13	661.53	169.60	4.901		
14,400.00	7,249.27	7,000.00	6,915.47	208.57	32.83	-59.04	-1,925.51	-6,429.10	768.45	586.67	181.78	4.227		
14,500.00	7,249.52	7,000.00	6,915.47	211.38	32.83	-59.04	-1,925.51	-6,429.10	714.32	520.04	194.28	3.677		
14,600.00	7,249.76	7,000.00	6,915.47	214.20	32.83	-59.04	-1,925.51	-6,429.10	670.81	464.69	206.12	3.254		
14,700.00	7,250.01	7,000.00	6,915.47	217.02	32.83	-59.04	-1,925.51	-6,429.10	640.09	424.13	215.96	2.964		
14,800.00	7,250.26	7,000.00	6,915.47	219.84	32.83	-59.04	-1,925.51	-6,429.10	624.06	401.73	222.33	2.807		
14,851.33	7,250.39	7,000.00	6,915.47	221.28	32.83	-59.04	-1,925.51	-6,429.10	621.94	398.07	223.88	2.778	CC, ES, SF	
14,900.00	7,250.51	7,000.00	6,915.47	222.65	32.83	-59.04	-1,925.51	-6,429.10	623.85	399.66	224.19	2.783		
15,000.00	7,250.76	7,000.00	6,915.47	225.48	32.83	-59.04	-1,925.51	-6,429.10	639.47	418.04	221.43	2.888		
15,100.00	7,251.01	7,000.00	6,915.47	228.30	32.83	-59.04	-1,925.51	-6,429.10	669.81	454.91	214.90	3.117		
15,200.00	7,251.26	7,000.00	6,915.47	231.12	32.83	-59.04	-1,925.51	-6,429.10	713.01	507.06	205.95	3.462		
15,300.00	7,251.50	7,000.00	6,915.47	233.94	32.83	-59.04	-1,925.51	-6,429.10	766.89	571.00	195.89	3.915		
15,400.00	7,251.75	7,000.00	6,915.47	236.77	32.83	-59.04	-1,925.51	-6,429.10	829.37	643.67	185.70	4.466		
15,500.00	7,252.00	7,000.00	6,915.47	239.59	32.83	-59.04	-1,925.51	-6,429.10	898.66	722.69	175.97	5.107		
15,600.00	7,252.25	7,000.00	6,915.47	242.42	32.83	-59.04	-1,925.51	-6,429.10	973.30	806.30	167.00	5.828		
15,700.00	7,252.50	7,000.00	6,915.47	245.24	32.83	-59.04	-1,925.51	-6,429.10	1,052.17	893.27	158.90	6.622		
15,800.00	7,252.75	7,000.00	6,915.47	248.07	32.83	-59.04	-1,925.51	-6,429.10	1,134.37	982.71	151.66	7.480		
15,900.00	7,253.00	7,000.00	6,915.47	250.90	32.83	-59.04	-1,925.51	-6,429.10	1,219.23	1,074.00	145.23	8.395		
16,000.00	7,253.25	7,000.00	6,915.47	253.73	32.83	-59.04	-1,925.51	-6,429.10	1,306.24	1,166.72	139.52	9.362		
16,100.00	7,253.49	7,000.00	6,915.47	256.56	32.83	-59.04	-1,925.51	-6,429.10	1,394.99	1,260.53	134.46	10.375		
16,200.00	7,253.74	7,000.00	6,915.47	259.39	32.83	-59.04	-1,925.51	-6,429.10	1,485.17	1,355.21	129.96	11.428		
16,300.00	7,253.99	7,000.00	6,915.47	262.22	32.83	-59.04	-1,925.51	-6,429.10	1,576.53	1,450.58	125.96	12.516		
16,400.00	7,254.24	7,000.00	6,915.47	265.05	32.83	-59.04	-1,925.51	-6,429.10	1,668.89	1,546.51	122.38	13.637		
16,500.00	7,254.49	7,000.00	6,915.47	267.88	32.83	-59.04	-1,925.51	-6,429.10	1,762.08	1,642.90	119.18	14.785		
16,600.00	7,254.74	7,000.00	6,915.47	270.72	32.83	-59.04	-1,925.51	-6,429.10	1,855.98	1,739.67	116.31	15.957		
16,700.00	7,254.99	7,000.00	6,915.47	273.55	32.83	-59.04	-1,925.51	-6,429.10	1,950.48	1,836.76	113.72	17.152		
16,800.00	7,255.24	7,000.00	6,915.47	276.38	32.83	-59.04	-1,925.51	-6,429.10	2,045.51	1,934.13	111.38	18.365		
16,900.00	7,255.48	7,000.00	6,915.47	279.22	32.83	-59.04	-1,925.51	-6,429.10	2,140.99	2,031.73	109.26	19.595		
17,000.00	7,255.73	7,000.00	6,915.47	282.05	32.83	-59.04	-1,925.51	-6,429.10	2,236.87	2,129.53	107.34	20.839		
17,100.00	7,255.98	7,000.00	6,915.47	284.89	32.83	-59.04	-1,925.51	-6,429.10	2,333.09	2,227.51	105.59	22.096		
17,200.00	7,256.23	7,000.00	6,915.47	287.73	32.83	-59.04	-1,925.51	-6,429.10	2,429.62	2,325.63	103.99	23.364		
17,300.00	7,256.48	7,000.00	6,915.47	290.56	32.83	-59.04	-1,925.51	-6,429.10	2,526.42	2,423.89	102.53	24.642		
17,400.00	7,256.73	7,000.00	6,915.47	293.40	32.83	-59.04	-1,925.51	-6,429.10	2,623.46	2,522.27	101.19	25.927		
17,500.00	7,256.98	7,000.00	6,915.47	296.24	32.83	-59.04	-1,925.51	-6,429.10	2,720.71	2,620.76	99.95	27.220		
17,600.00	7,257.22	7,000.00	6,915.47	299.07	32.83	-59.04	-1,925.51	-6,429.10	2,818.15	2,719.34	98.82	28.518		
17,700.00	7,257.47	7,000.00	6,915.47	301.91	32.83	-59.04	-1,925.51	-6,429.10	2,915.77	2,818.00	97.77	29.822		
17,800.00	7,257.72	7,000.00	6,915.47	304.75	32.83	-59.04	-1,925.51	-6,429.10	3,013.55	2,916.74	96.81	31.129		
17,900.00	7,257.97	7,000.00	6,915.47	307.59	32.83	-59.04	-1,925.51	-6,429.10	3,111.46	3,015.55	95.92	32.439		
18,000.00	7,258.22	7,000.00	6,915.47	310.43	32.83	-59.04	-1,925.51	-6,429.10	3,209.51	3,114.42	95.09	33.753		
18,100.00	7,258.47	7,000.00	6,915.47	313.27	32.83	-59.04	-1,925.51	-6,429.10	3,307.67	3,213.34	94.32	35.068		
18,200.00	7,258.72	7,000.00	6,915.47	316.11	32.83	-59.04	-1,925.51	-6,429.10	3,405.94	3,312.33	93.61	36.384		
18,300.00	7,258.97	7,000.00	6,915.47	318.95	32.83	-59.04	-1,925.51	-6,429.10	3,504.30	3,411.35	92.95	37.701		
18,400.00	7,259.21	7,000.00	6,915.47	321.79	32.83	-59.04	-1,925.51	-6,429.10	3,602.76	3,510.42	92.33	39.019		
18,500.00	7,259.46	7,000.00	6,915.47	324.63	32.83	-59.04	-1,925.51	-6,429.10	3,701.30	3,609.54	91.76	40.337		
18,600.00	7,259.71	7,000.00	6,915.47	327.48	32.83	-59.04	-1,925.51	-6,429.10	3,799.91	3,708.69	91.23	41.654		
18,700.00	7,259.96	7,000.00	6,915.47	330.32	32.83	-59.04	-1,925.51	-6,429.10	3,898.60	3,807.87	90.73	42.971		
18,800.00	7,260.21	7,000.00	6,915.47	333.16	32.83	-59.04	-1,925.51	-6,429.10	3,997.35	3,907.09	90.26	44.286		
18,900.00	7,260.46	7,000.00	6,915.47	336.00	32.83	-59.04	-1,925.51	-6,429.10	4,096.16	4,006.33	89.83	45.600		
19,000.00	7,260.71	7,000.00	6,915.47	338.85	32.83	-59.04	-1,925.51	-6,429.10	4,195.03	4,105.61	89.42	46.913		
19,100.00	7,260.95	7,000.00	6,915.47	341.69	32.83	-59.04	-1,925.51	-6,429.10	4,293.95	4,204.91	89.04	48.224		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Harvesters Resources #15R-403(PR) - OH - OH													<b>Offset Site Error:</b>	0.00 ft
Survey Program: 800-MWD													<b>Offset Well Error:</b>	3.28 ft
Reference	Offset	Semi Major Axis		Distance									Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
19,118.22	7,261.00	7,000.00	6,915.47	342.21	32.83	-59.04	-1,925.51	-6,429.10	4,311.98	4,223.00	88.98	48.463		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	-110.35	-2,077.73	-5,601.38	5,974.31					
100.00	100.00	85.00	85.00	3.28	3.29	-110.35	-2,077.73	-5,601.38	5,974.31	5,967.74	6.57	909.331		
200.00	200.00	185.00	185.00	3.34	3.31	-110.35	-2,077.73	-5,601.38	5,974.31	5,967.67	6.64	899.465		
300.00	300.00	285.00	285.00	3.44	3.34	-110.35	-2,077.73	-5,601.38	5,974.31	5,967.53	6.78	880.648		
400.00	399.98	384.98	384.98	3.60	3.39	113.25	-2,077.73	-5,601.38	5,975.00	5,968.01	6.98	855.586		
500.00	499.84	484.84	484.84	3.79	3.45	113.26	-2,077.73	-5,601.38	5,977.07	5,969.83	7.24	826.016		
600.00	599.45	584.45	584.45	4.03	3.52	113.27	-2,077.73	-5,601.38	5,980.52	5,972.98	7.54	792.839		
700.00	698.70	683.70	683.70	4.30	3.61	113.29	-2,077.73	-5,601.38	5,985.37	5,977.47	7.90	757.632		
800.00	797.47	782.47	782.47	4.60	3.70	113.31	-2,077.73	-5,601.38	5,991.62	5,983.32	8.30	721.634		
900.00	895.62	880.62	880.62	4.94	3.81	113.33	-2,077.73	-5,601.38	5,999.30	5,990.55	8.75	685.750		
1,000.00	993.06	1,600.16	1,599.26	5.32	4.97	114.70	-2,071.35	-5,592.76	6,030.23	6,019.94	10.29	586.076		
1,012.70	1,005.37	1,612.12	1,611.47	5.37	5.01	114.73	-2,070.56	-5,591.69	6,030.22	6,019.84	10.38	581.062		
1,100.00	1,089.64	1,703.79	1,695.07	5.73	5.32	114.93	-2,065.18	-5,584.42	6,030.82	6,019.78	11.04	546.341		
1,131.50	1,119.87	1,726.38	1,725.07	5.87	5.41	115.01	-2,063.24	-5,581.81	6,031.34	6,020.08	11.25	536.049		
1,200.00	1,185.51	1,808.10	1,790.20	6.18	5.71	115.19	-2,059.05	-5,576.14	6,032.66	6,020.83	11.84	509.586		
1,300.00	1,281.33	1,887.54	1,885.29	6.65	6.01	115.45	-2,052.92	-5,567.87	6,034.72	6,022.14	12.58	479.568		
1,400.00	1,377.14	1,983.18	1,980.37	7.13	6.39	115.72	-2,046.80	-5,559.60	6,036.92	6,023.51	13.42	450.010		
1,500.00	1,472.96	2,078.82	2,075.46	7.63	6.78	115.98	-2,040.67	-5,551.32	6,039.26	6,024.99	14.27	423.262		
1,600.00	1,568.78	2,174.46	2,170.54	8.14	7.18	116.24	-2,034.54	-5,543.05	6,041.74	6,026.60	15.14	399.054		
1,700.00	1,664.60	2,270.10	2,265.63	8.66	7.58	116.51	-2,028.42	-5,534.78	6,044.36	6,028.33	16.03	377.127		
1,800.00	1,760.41	2,365.74	2,360.71	9.19	8.00	116.77	-2,022.29	-5,526.50	6,047.12	6,030.19	16.93	357.237		
1,900.00	1,856.23	2,461.38	2,455.80	9.73	8.41	117.04	-2,016.17	-5,518.23	6,050.02	6,032.18	17.84	339.156		
2,000.00	1,952.05	2,557.02	2,550.88	10.27	8.84	117.30	-2,010.04	-5,509.96	6,053.05	6,034.30	18.76	322.681		
2,100.00	2,047.86	2,652.66	2,645.97	10.81	9.26	117.56	-2,003.92	-5,501.68	6,056.23	6,036.55	19.69	307.630		
2,200.00	2,143.68	2,748.30	2,741.05	11.36	9.70	117.82	-1,997.79	-5,493.41	6,059.55	6,038.93	20.62	293.846		
2,300.00	2,239.50	2,843.94	2,836.14	11.92	10.13	118.09	-1,991.67	-5,485.14	6,063.01	6,041.44	21.56	281.188		
2,400.00	2,335.32	2,939.58	2,931.22	12.47	10.57	118.35	-1,985.54	-5,476.86	6,066.60	6,044.09	22.51	269.535		
2,500.00	2,431.13	3,035.22	3,026.31	13.03	11.01	118.61	-1,979.41	-5,468.59	6,070.33	6,046.87	23.46	258.779		
2,600.00	2,526.95	3,130.86	3,121.39	13.59	11.45	118.87	-1,973.29	-5,460.32	6,074.20	6,049.79	24.41	248.827		
2,700.00	2,622.77	3,226.51	3,216.48	14.15	11.89	119.13	-1,967.16	-5,452.04	6,078.21	6,052.84	25.37	239.598		
2,800.00	2,718.59	3,322.15	3,311.56	14.72	12.34	119.39	-1,961.04	-5,443.77	6,082.36	6,056.03	26.33	231.019		
2,900.00	2,814.40	3,417.79	3,406.65	15.29	12.79	119.66	-1,954.91	-5,435.50	6,086.64	6,059.35	27.29	223.029		
3,000.00	2,910.22	3,513.43	3,501.73	15.85	13.23	119.92	-1,948.79	-5,427.22	6,091.06	6,062.81	28.26	215.570		
3,100.00	3,006.04	3,609.07	3,596.82	16.42	13.68	120.18	-1,942.66	-5,418.95	6,095.62	6,066.40	29.22	208.595		
3,200.00	3,101.85	3,704.71	3,691.90	16.99	14.13	120.44	-1,936.54	-5,410.67	6,100.31	6,070.12	30.19	202.060		
3,300.00	3,197.67	3,800.35	3,786.99	17.56	14.59	120.69	-1,930.41	-5,402.40	6,105.14	6,073.98	31.16	195.925		
3,400.00	3,293.49	3,895.99	3,882.07	18.14	15.04	120.95	-1,924.28	-5,394.13	6,110.11	6,077.98	32.13	190.157		
3,500.00	3,389.31	3,991.63	3,977.16	18.71	15.49	121.21	-1,918.16	-5,385.85	6,115.21	6,082.11	33.10	184.725		
3,600.00	3,485.12	4,087.27	4,072.24	19.28	15.95	121.47	-1,912.03	-5,377.58	6,120.45	6,086.37	34.08	179.601		
3,700.00	3,580.94	4,182.91	4,167.33	19.86	16.40	121.73	-1,905.91	-5,369.31	6,125.82	6,090.77	35.05	174.762		
3,800.00	3,676.76	4,278.55	4,262.41	20.43	16.86	121.98	-1,899.78	-5,361.03	6,131.32	6,095.30	36.03	170.184		
3,900.00	3,772.58	4,374.19	4,357.50	21.01	17.31	122.24	-1,893.66	-5,352.76	6,136.96	6,099.96	37.00	165.848		
4,000.00	3,868.39	4,469.83	4,452.58	21.58	17.77	122.50	-1,887.53	-5,344.49	6,142.74	6,104.76	37.98	161.735		
4,100.00	3,964.21	4,565.47	4,547.67	22.16	18.23	122.75	-1,881.41	-5,336.21	6,148.64	6,109.68	38.96	157.831		
4,200.00	4,060.03	4,661.11	4,642.75	22.74	18.69	123.01	-1,875.28	-5,327.94	6,154.68	6,114.75	39.93	154.118		
4,300.00	4,155.85	4,756.75	4,737.84	23.32	19.14	123.26	-1,869.15	-5,319.67	6,160.85	6,119.94	40.91	150.585		
4,400.00	4,251.66	4,852.39	4,832.92	23.89	19.60	123.52	-1,863.03	-5,311.39	6,167.16	6,125.27	41.89	147.219		
4,500.00	4,347.48	4,948.03	4,928.00	24.47	20.06	123.77	-1,856.90	-5,303.12	6,173.59	6,130.72	42.87	144.009		
4,600.00	4,443.30	5,043.68	5,023.09	25.05	20.52	124.03	-1,850.78	-5,294.85	6,180.16	6,136.31	43.85	140.945		
4,700.00	4,539.11	5,139.32	5,118.17	25.63	20.98	124.28	-1,844.65	-5,286.57	6,186.86	6,142.03	44.83	138.016		
4,800.00	4,634.93	5,234.96	5,213.26	26.21	21.44	124.53	-1,838.53	-5,278.30	6,193.68	6,147.88	45.81	135.216		
4,900.00	4,730.75	5,330.60	5,308.34	26.79	21.90	124.78	-1,832.40	-5,270.03	6,200.64	6,153.86	46.79	132.535		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,826.57	5,426.24	5,403.43	27.37	22.36	125.04	-1,826.28	-5,261.75	6,207.73	6,159.97	47.76	129.966		
5,100.00	4,922.38	5,521.88	5,498.51	27.95	22.82	125.29	-1,820.15	-5,253.48	6,214.95	6,166.20	48.74	127.504		
5,200.00	5,018.20	5,617.52	5,593.60	28.53	23.29	125.54	-1,814.02	-5,245.21	6,222.29	6,172.57	49.72	125.140		
5,300.00	5,114.02	5,713.16	5,688.68	29.11	23.75	125.79	-1,807.90	-5,236.93	6,229.77	6,179.07	50.70	122.871		
5,400.00	5,209.84	5,747.99	5,723.33	29.69	23.91	125.88	-1,805.77	-5,234.06	6,237.82	6,186.42	51.40	121.361		
5,500.00	5,305.65	5,800.00	5,775.14	30.27	24.16	126.01	-1,803.06	-5,230.40	6,247.05	6,194.88	52.17	119.743		
5,600.00	5,401.47	5,800.00	5,775.14	30.86	24.16	126.01	-1,803.06	-5,230.40	6,257.23	6,204.54	52.69	118.755		
5,700.00	5,497.29	5,846.82	5,821.84	31.44	24.36	126.12	-1,801.10	-5,227.76	6,268.48	6,215.05	53.42	117.340		
5,800.00	5,593.10	5,900.00	5,874.95	32.02	24.60	126.25	-1,799.43	-5,225.49	6,280.93	6,226.76	54.18	115.929		
5,900.00	5,688.92	5,900.00	5,874.95	32.60	24.60	126.25	-1,799.43	-5,225.49	6,294.30	6,239.63	54.67	115.134		
6,000.00	5,784.74	5,945.82	5,920.74	33.18	24.79	126.35	-1,798.46	-5,224.18	6,308.75	6,253.37	55.37	113.930		
6,100.00	5,880.56	6,000.00	5,974.91	33.76	25.02	126.47	-1,797.87	-5,223.39	6,324.38	6,268.26	56.12	112.702		
6,200.00	5,976.37	6,011.80	5,986.71	34.35	25.07	126.50	-1,797.82	-5,223.32	6,340.84	6,284.21	56.64	111.960		
6,300.00	6,072.19	6,082.28	6,057.19	34.93	25.35	126.65	-1,797.80	-5,223.30	6,358.28	6,300.83	57.44	110.688		
6,400.00	6,168.01	6,178.10	6,153.01	35.51	25.73	126.85	-1,797.80	-5,223.30	6,375.87	6,317.49	58.38	109.216		
6,500.00	6,263.83	6,273.92	6,248.83	36.09	26.11	127.05	-1,797.80	-5,223.30	6,393.54	6,334.22	59.31	107.792		
6,600.00	6,359.64	6,369.73	6,344.64	36.68	26.49	127.24	-1,797.80	-5,223.30	6,411.29	6,351.04	60.25	106.415		
6,700.00	6,455.46	6,422.39	6,397.24	37.26	26.68	127.33	-1,800.07	-5,223.30	6,429.46	6,368.52	60.94	105.507		
6,733.48	6,487.54	6,441.18	6,415.96	37.45	26.74	127.36	-1,801.74	-5,223.30	6,435.69	6,374.52	61.17	105.209		
6,750.00	6,503.41	6,450.52	6,425.24	37.55	26.77	123.49	-1,802.75	-5,223.30	6,438.58	6,377.30	61.28	105.061		
6,800.00	6,551.83	6,479.14	6,453.61	37.82	26.87	108.61	-1,806.53	-5,223.30	6,444.87	6,383.25	61.62	104.595		
6,850.00	6,600.62	6,500.00	6,474.19	38.05	26.94	89.26	-1,809.96	-5,223.30	6,447.43	6,385.54	61.89	104.171		
6,900.00	6,649.47	6,537.17	6,510.59	38.25	27.04	68.85	-1,817.45	-5,223.30	6,446.23	6,384.03	62.20	103.634		
6,950.00	6,698.08	6,566.05	6,538.60	38.42	27.13	51.85	-1,824.48	-5,223.30	6,441.29	6,378.85	62.44	103.153		
7,000.00	6,746.15	6,600.00	6,571.15	38.57	27.23	39.56	-1,834.10	-5,223.30	6,432.65	6,369.97	62.68	102.628		
7,050.00	6,793.39	6,622.27	6,592.26	38.71	27.28	30.99	-1,841.19	-5,223.31	6,420.34	6,357.50	62.83	102.183		
7,100.00	6,839.50	6,649.12	6,617.43	38.84	27.34	24.89	-1,850.56	-5,223.31	6,404.43	6,341.45	62.98	101.687		
7,150.00	6,884.20	6,674.86	6,641.23	38.97	27.41	20.40	-1,860.36	-5,223.31	6,385.03	6,321.92	63.11	101.174		
7,200.00	6,927.21	6,700.00	6,664.14	39.11	27.47	16.93	-1,870.70	-5,223.31	6,362.23	6,299.01	63.22	100.638		
7,250.00	6,968.28	6,722.32	6,684.18	39.25	27.51	14.16	-1,880.50	-5,223.31	6,336.17	6,272.87	63.30	100.096		
7,300.00	7,007.13	6,743.75	6,703.16	39.41	27.56	11.83	-1,890.47	-5,223.31	6,307.00	6,243.63	63.37	99.528		
7,350.00	7,043.55	6,763.51	6,720.40	39.58	27.60	9.80	-1,900.13	-5,223.31	6,274.88	6,211.45	63.42	98.939		
7,400.00	7,077.29	6,781.53	6,735.90	39.77	27.63	7.93	-1,909.32	-5,223.32	6,239.98	6,176.52	63.46	98.327		
7,450.00	7,108.16	6,800.00	6,751.55	39.98	27.67	6.11	-1,919.12	-5,223.32	6,202.51	6,139.01	63.50	97.678		
7,500.00	7,135.96	6,800.00	6,751.55	40.22	27.67	4.37	-1,919.12	-5,223.32	6,162.70	6,099.25	63.45	97.121		
7,550.00	7,160.53	6,824.68	6,772.10	40.49	27.71	2.24	-1,932.80	-5,223.32	6,120.71	6,057.18	63.52	96.353		
7,600.00	7,181.70	6,835.35	6,780.83	40.79	27.73	-0.14	-1,938.91	-5,223.32	6,076.83	6,013.30	63.53	95.651		
7,650.00	7,199.35	6,844.13	6,787.96	41.13	27.74	-3.16	-1,944.04	-5,223.32	6,031.31	5,967.77	63.53	94.929		
7,700.00	7,213.38	6,851.03	6,793.53	41.51	27.75	-7.34	-1,948.13	-5,223.32	5,984.39	5,920.86	63.54	94.188		
7,750.00	7,223.68	6,856.06	6,797.56	41.93	27.76	-13.78	-1,951.14	-5,223.32	5,936.36	5,872.82	63.54	93.431		
7,800.00	7,230.21	6,859.22	6,800.08	42.38	27.77	-24.98	-1,953.04	-5,223.32	5,887.49	5,823.95	63.54	92.658		
7,850.00	7,232.92	6,860.50	6,801.10	42.87	27.77	-46.84	-1,953.81	-5,223.32	5,838.07	5,774.52	63.54	91.873		
7,858.69	7,233.00	6,860.53	6,801.12	42.95	27.77	-52.36	-1,953.83	-5,223.32	5,829.44	5,765.90	63.55	91.735		
7,900.00	7,233.10	6,860.55	6,801.14	43.38	27.77	-52.36	-1,953.84	-5,223.32	5,788.44	5,724.89	63.55	91.081		
8,000.00	7,233.35	6,860.59	6,801.17	44.56	27.77	-52.36	-1,953.87	-5,223.32	5,689.20	5,625.63	63.57	89.497		
8,100.00	7,233.60	6,860.63	6,801.20	45.91	27.77	-52.36	-1,953.89	-5,223.32	5,589.99	5,526.40	63.59	87.907		
8,200.00	7,233.85	6,860.67	6,801.23	47.41	27.77	-52.37	-1,953.92	-5,223.32	5,490.81	5,427.19	63.62	86.312		
8,300.00	7,234.10	6,860.71	6,801.27	49.05	27.77	-52.37	-1,953.94	-5,223.32	5,391.65	5,328.00	63.65	84.712		
8,400.00	7,234.35	6,860.76	6,801.30	50.81	27.77	-52.37	-1,953.97	-5,223.32	5,292.53	5,228.84	63.68	83.106		
8,500.00	7,234.59	6,860.80	6,801.33	52.68	27.77	-52.38	-1,953.99	-5,223.32	5,193.44	5,129.71	63.73	81.495		
8,600.00	7,234.84	6,860.84	6,801.37	54.65	27.77	-52.38	-1,954.02	-5,223.32	5,094.39	5,030.61	63.78	79.878		
8,700.00	7,235.09	6,860.88	6,801.40	56.70	27.77	-52.38	-1,954.04	-5,223.32	4,995.37	4,931.54	63.83	78.255		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1500-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,235.34	6,860.92	6,801.43	58.82	27.77	-52.39	-1,954.07	-5,223.32	4,896.40	4,832.49	63.90	76.626		
8,900.00	7,235.59	6,860.96	6,801.47	61.01	27.77	-52.39	-1,954.09	-5,223.32	4,797.46	4,733.49	63.97	74.991		
9,000.00	7,235.84	6,861.00	6,801.50	63.25	27.77	-52.39	-1,954.12	-5,223.32	4,698.57	4,634.52	64.06	73.349		
9,100.00	7,236.09	6,861.05	6,801.53	65.55	27.77	-52.40	-1,954.14	-5,223.32	4,599.73	4,535.58	64.15	71.702		
9,200.00	7,236.34	6,861.09	6,801.56	67.89	27.77	-52.40	-1,954.17	-5,223.32	4,500.95	4,436.69	64.26	70.047		
9,300.00	7,236.58	6,861.13	6,801.60	70.27	27.77	-52.40	-1,954.19	-5,223.32	4,402.21	4,337.84	64.37	68.386		
9,400.00	7,236.83	6,861.17	6,801.63	72.69	27.77	-52.41	-1,954.22	-5,223.32	4,303.54	4,239.03	64.50	66.717		
9,500.00	7,237.08	6,861.21	6,801.66	75.14	27.77	-52.41	-1,954.24	-5,223.32	4,204.92	4,140.27	64.65	65.042		
9,600.00	7,237.33	6,861.25	6,801.70	77.62	27.77	-52.41	-1,954.27	-5,223.32	4,106.38	4,041.57	64.81	63.359		
9,700.00	7,237.58	6,861.29	6,801.73	80.12	27.77	-52.42	-1,954.29	-5,223.32	4,007.90	3,942.91	64.99	61.668		
9,800.00	7,237.83	6,861.34	6,801.76	82.65	27.77	-52.42	-1,954.32	-5,223.32	3,909.51	3,844.32	65.19	59.970		
9,900.00	7,238.08	6,861.38	6,801.80	85.20	27.77	-52.42	-1,954.34	-5,223.32	3,811.20	3,745.78	65.41	58.264		
10,000.00	7,238.32	6,861.42	6,801.83	87.77	27.77	-52.43	-1,954.37	-5,223.32	3,712.97	3,647.32	65.66	56.550		
10,100.00	7,238.57	6,861.46	6,801.86	90.36	27.77	-52.43	-1,954.39	-5,223.32	3,614.85	3,548.92	65.93	54.827		
10,200.00	7,238.82	6,861.50	6,801.89	92.97	27.77	-52.43	-1,954.42	-5,223.32	3,516.83	3,450.60	66.23	53.097		
10,300.00	7,239.07	6,861.54	6,801.93	95.59	27.77	-52.44	-1,954.44	-5,223.32	3,418.92	3,352.35	66.57	51.358		
10,400.00	7,239.32	6,861.58	6,801.96	98.22	27.77	-52.44	-1,954.47	-5,223.32	3,321.14	3,254.20	66.94	49.611		
10,500.00	7,239.57	6,861.62	6,801.99	100.87	27.77	-52.44	-1,954.49	-5,223.32	3,223.50	3,156.14	67.36	47.857		
10,600.00	7,239.82	6,861.67	6,802.02	103.52	27.77	-52.45	-1,954.52	-5,223.32	3,126.01	3,058.19	67.82	46.094		
10,700.00	7,240.07	6,861.71	6,802.06	106.19	27.77	-52.45	-1,954.54	-5,223.32	3,028.68	2,960.35	68.33	44.325		
10,800.00	7,240.31	6,861.75	6,802.09	108.87	27.77	-52.45	-1,954.57	-5,223.32	2,931.52	2,862.62	68.90	42.548		
10,900.00	7,240.56	6,861.79	6,802.12	111.56	27.77	-52.46	-1,954.59	-5,223.32	2,834.57	2,765.04	69.53	40.765		
11,000.00	7,240.81	6,861.83	6,802.16	114.25	27.77	-52.46	-1,954.62	-5,223.32	2,737.84	2,667.60	70.24	38.978		
11,100.00	7,241.06	6,861.87	6,802.19	116.96	27.77	-52.46	-1,954.64	-5,223.32	2,641.35	2,570.31	71.03	37.186		
11,200.00	7,241.31	6,861.91	6,802.22	119.67	27.77	-52.47	-1,954.67	-5,223.32	2,545.13	2,473.21	71.91	35.392		
11,300.00	7,241.56	6,861.95	6,802.25	122.39	27.77	-52.47	-1,954.69	-5,223.32	2,449.21	2,376.31	72.90	33.597		
11,400.00	7,241.81	6,861.99	6,802.29	125.11	27.77	-52.47	-1,954.72	-5,223.32	2,353.63	2,279.63	74.01	31.803		
11,500.00	7,242.06	6,862.04	6,802.32	127.84	27.77	-52.48	-1,954.74	-5,223.32	2,258.44	2,183.19	75.25	30.014		
11,600.00	7,242.30	6,862.08	6,802.35	130.58	27.77	-52.48	-1,954.77	-5,223.32	2,163.68	2,087.04	76.64	28.232		
11,700.00	7,242.55	6,862.12	6,802.38	133.32	27.77	-52.48	-1,954.79	-5,223.32	2,069.41	1,991.20	78.20	26.462		
11,800.00	7,242.80	6,862.16	6,802.42	136.07	27.77	-52.49	-1,954.82	-5,223.32	1,975.70	1,895.74	79.97	24.706		
11,900.00	7,243.05	6,862.20	6,802.45	138.82	27.77	-52.49	-1,954.84	-5,223.32	1,882.65	1,800.69	81.96	22.971		
12,000.00	7,243.30	6,862.24	6,802.48	141.58	27.77	-52.49	-1,954.87	-5,223.32	1,790.34	1,706.14	84.21	21.262		
12,100.00	7,243.55	6,862.28	6,802.51	144.34	27.77	-52.50	-1,954.89	-5,223.32	1,698.91	1,612.16	86.75	19.584		
12,200.00	7,243.80	6,862.32	6,802.55	147.10	27.77	-52.50	-1,954.92	-5,223.32	1,608.49	1,518.86	89.63	17.946		
12,300.00	7,244.04	6,862.36	6,802.58	149.87	27.77	-52.50	-1,954.94	-5,223.32	1,519.27	1,426.38	92.89	16.355		
12,400.00	7,244.29	6,862.40	6,802.61	152.64	27.77	-52.51	-1,954.97	-5,223.32	1,431.49	1,334.88	96.60	14.819		
12,500.00	7,244.54	6,862.44	6,802.64	155.41	27.77	-52.51	-1,954.99	-5,223.32	1,345.40	1,244.59	100.81	13.346		
12,600.00	7,244.79	6,862.49	6,802.68	158.19	27.77	-52.51	-1,955.02	-5,223.32	1,261.37	1,155.79	105.58	11.947		
12,700.00	7,245.04	6,862.53	6,802.71	160.97	27.77	-52.52	-1,955.04	-5,223.32	1,179.84	1,068.86	110.98	10.631		
12,800.00	7,245.29	6,862.57	6,802.74	163.75	27.77	-52.52	-1,955.07	-5,223.32	1,101.35	984.28	117.07	9.407		
12,900.00	7,245.54	6,862.61	6,802.77	166.54	27.77	-52.52	-1,955.09	-5,223.32	1,026.61	902.72	123.89	8.286		
13,000.00	7,245.79	6,862.65	6,802.81	169.33	27.77	-52.53	-1,955.12	-5,223.32	956.50	825.07	131.43	7.278		
13,100.00	7,246.03	6,862.69	6,802.84	172.12	27.77	-52.53	-1,955.14	-5,223.32	892.11	752.49	139.61	6.390		
13,200.00	7,246.28	6,862.73	6,802.87	174.91	27.77	-52.53	-1,955.17	-5,223.32	834.75	686.51	148.24	5.631		
13,300.00	7,246.53	6,862.77	6,802.90	177.71	27.77	-52.54	-1,955.19	-5,223.32	785.98	629.05	156.93	5.009		
13,400.00	7,246.78	6,862.81	6,802.94	180.50	27.77	-52.54	-1,955.21	-5,223.32	747.48	582.37	165.11	4.527		
13,500.00	7,247.03	6,862.85	6,802.97	183.30	27.77	-52.54	-1,955.24	-5,223.32	720.89	548.83	172.06	4.190		
13,600.00	7,247.28	6,862.89	6,803.00	186.10	27.77	-52.55	-1,955.26	-5,223.32	707.56	530.55	177.00	3.997		
13,645.21	7,247.39	6,862.91	6,803.01	187.37	27.77	-52.55	-1,955.28	-5,223.32	706.11	527.69	178.42	3.958 CC, ES		
13,700.00	7,247.53	6,862.93	6,803.03	188.91	27.77	-52.55	-1,955.29	-5,223.32	708.23	528.84	179.40	3.948 SF		
13,800.00	7,247.77	6,862.97	6,803.06	191.71	27.77	-52.55	-1,955.31	-5,223.32	722.88	543.80	179.08	4.037		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 1500-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	6,863.02	6,803.10	194.52	27.77	-52.56	-1,955.34	-5,223.32	750.67	574.33	176.35	4.257		
14,000.00	7,248.27	6,863.06	6,803.13	197.32	27.77	-52.56	-1,955.36	-5,223.32	790.23	618.44	171.79	4.600		
14,100.00	7,248.52	6,863.10	6,803.16	200.13	27.77	-52.56	-1,955.39	-5,223.32	839.89	673.79	166.11	5.056		
14,200.00	7,248.77	6,863.14	6,803.19	202.94	27.77	-52.57	-1,955.41	-5,223.32	897.99	738.09	159.90	5.616		
14,300.00	7,249.02	6,863.18	6,803.23	205.76	27.77	-52.57	-1,955.44	-5,223.32	962.98	809.37	153.61	6.269		
14,400.00	7,249.27	6,863.22	6,803.26	208.57	27.77	-52.57	-1,955.46	-5,223.32	1,033.58	886.05	147.53	7.006		
14,500.00	7,249.52	6,863.26	6,803.29	211.38	27.77	-52.58	-1,955.49	-5,223.32	1,108.72	966.89	141.82	7.818		
14,600.00	7,249.76	6,863.30	6,803.32	214.20	27.77	-52.58	-1,955.51	-5,223.32	1,187.52	1,050.97	136.55	8.696		
14,700.00	7,250.01	6,863.34	6,803.35	217.02	27.77	-52.58	-1,955.54	-5,223.32	1,269.32	1,137.57	131.75	9.635		
14,800.00	7,250.26	6,863.38	6,803.39	219.84	27.77	-52.59	-1,955.56	-5,223.32	1,353.56	1,226.17	127.39	10.626		
14,900.00	7,250.51	6,863.42	6,803.42	222.65	27.77	-52.59	-1,955.58	-5,223.32	1,439.82	1,316.37	123.45	11.663		
15,000.00	7,250.76	6,863.46	6,803.45	225.48	27.77	-52.59	-1,955.61	-5,223.32	1,527.76	1,407.86	119.89	12.742		
15,100.00	7,251.01	6,863.50	6,803.48	228.30	27.77	-52.60	-1,955.63	-5,223.32	1,617.09	1,500.41	116.69	13.858		
15,200.00	7,251.26	6,863.54	6,803.51	231.12	27.77	-52.60	-1,955.66	-5,223.32	1,707.62	1,593.82	113.79	15.006		
15,300.00	7,251.50	6,863.58	6,803.55	233.94	27.77	-52.60	-1,955.68	-5,223.32	1,799.14	1,687.97	111.18	16.183		
15,400.00	7,251.75	6,863.62	6,803.58	236.77	27.77	-52.61	-1,955.71	-5,223.32	1,891.52	1,782.72	108.80	17.385		
15,500.00	7,252.00	6,863.66	6,803.61	239.59	27.77	-52.61	-1,955.73	-5,223.32	1,984.65	1,877.99	106.65	18.608		
15,600.00	7,252.25	6,863.70	6,803.64	242.42	27.77	-52.61	-1,955.76	-5,223.32	2,078.41	1,973.71	104.70	19.852		
15,700.00	7,252.50	6,863.74	6,803.67	245.24	27.77	-52.62	-1,955.78	-5,223.32	2,172.73	2,069.81	102.91	21.112		
15,800.00	7,252.75	6,863.78	6,803.71	248.07	27.77	-52.62	-1,955.81	-5,223.32	2,267.53	2,166.25	101.28	22.388		
15,900.00	7,253.00	6,863.82	6,803.74	250.90	27.77	-52.62	-1,955.83	-5,223.32	2,362.76	2,262.97	99.79	23.676		
16,000.00	7,253.25	6,863.86	6,803.77	253.73	27.77	-52.63	-1,955.86	-5,223.32	2,458.38	2,359.95	98.43	24.976		
16,100.00	7,253.49	6,863.90	6,803.80	256.56	27.77	-52.63	-1,955.88	-5,223.32	2,554.32	2,457.15	97.17	26.286		
16,200.00	7,253.74	6,863.94	6,803.83	259.39	27.77	-52.63	-1,955.90	-5,223.32	2,650.57	2,554.55	96.02	27.605		
16,300.00	7,253.99	6,863.98	6,803.87	262.22	27.77	-52.64	-1,955.93	-5,223.32	2,747.09	2,652.13	94.95	28.930		
16,400.00	7,254.24	6,864.03	6,803.90	265.05	27.77	-52.64	-1,955.95	-5,223.32	2,843.84	2,749.87	93.97	30.263		
16,500.00	7,254.49	6,864.07	6,803.93	267.88	27.77	-52.64	-1,955.98	-5,223.32	2,940.82	2,847.75	93.06	31.600		
16,600.00	7,254.74	6,864.11	6,803.96	270.72	27.77	-52.65	-1,956.00	-5,223.32	3,037.98	2,945.76	92.22	32.942		
16,700.00	7,254.99	6,864.15	6,803.99	273.55	27.77	-52.65	-1,956.03	-5,223.32	3,135.33	3,043.89	91.44	34.288		
16,800.00	7,255.24	6,864.19	6,804.03	276.38	27.77	-52.65	-1,956.05	-5,223.32	3,232.84	3,142.13	90.72	35.637		
16,900.00	7,255.48	6,864.23	6,804.06	279.22	27.77	-52.66	-1,956.08	-5,223.32	3,330.50	3,240.46	90.04	36.988		
17,000.00	7,255.73	6,864.27	6,804.09	282.05	27.77	-52.66	-1,956.10	-5,223.32	3,428.29	3,338.88	89.41	38.341		
17,100.00	7,255.98	6,864.31	6,804.12	284.89	27.77	-52.66	-1,956.12	-5,223.32	3,526.21	3,437.38	88.83	39.696		
17,200.00	7,256.23	6,864.35	6,804.15	287.73	27.77	-52.67	-1,956.15	-5,223.32	3,624.24	3,535.95	88.29	41.051		
17,300.00	7,256.48	6,864.39	6,804.18	290.56	27.77	-52.67	-1,956.17	-5,223.32	3,722.37	3,634.59	87.78	42.407		
17,400.00	7,256.73	6,864.43	6,804.22	293.40	27.77	-52.67	-1,956.20	-5,223.32	3,820.60	3,733.30	87.30	43.763		
17,500.00	7,256.98	6,864.47	6,804.25	296.24	27.77	-52.67	-1,956.22	-5,223.32	3,918.92	3,832.07	86.86	45.118		
17,600.00	7,257.22	6,864.51	6,804.28	299.07	27.77	-52.68	-1,956.25	-5,223.32	4,017.33	3,930.88	86.44	46.473		
17,700.00	7,257.47	6,864.55	6,804.31	301.91	27.77	-52.68	-1,956.27	-5,223.32	4,115.81	4,029.75	86.06	47.827		
17,800.00	7,257.72	6,864.59	6,804.34	304.75	27.77	-52.68	-1,956.30	-5,223.32	4,214.36	4,128.67	85.69	49.180		
17,900.00	7,257.97	6,864.63	6,804.37	307.59	27.77	-52.69	-1,956.32	-5,223.32	4,312.98	4,227.63	85.35	50.532		
18,000.00	7,258.22	6,864.67	6,804.41	310.43	27.77	-52.69	-1,956.34	-5,223.32	4,411.66	4,326.63	85.03	51.882		
18,100.00	7,258.47	6,864.71	6,804.44	313.27	27.77	-52.69	-1,956.37	-5,223.32	4,510.40	4,425.67	84.73	53.230		
18,200.00	7,258.72	6,864.75	6,804.47	316.11	27.77	-52.70	-1,956.39	-5,223.32	4,609.19	4,524.74	84.45	54.576		
18,300.00	7,258.97	6,864.79	6,804.50	318.95	27.78	-52.70	-1,956.42	-5,223.32	4,708.04	4,623.85	84.19	55.920		
18,400.00	7,259.21	6,864.83	6,804.53	321.79	27.78	-52.70	-1,956.44	-5,223.32	4,806.93	4,722.98	83.95	57.262		
18,500.00	7,259.46	6,864.87	6,804.56	324.63	27.78	-52.71	-1,956.47	-5,223.32	4,905.87	4,822.15	83.72	58.601		
18,600.00	7,259.71	6,864.91	6,804.60	327.48	27.78	-52.71	-1,956.49	-5,223.32	5,004.85	4,921.35	83.50	59.938		
18,700.00	7,259.96	6,864.95	6,804.63	330.32	27.78	-52.71	-1,956.51	-5,223.32	5,103.87	5,020.57	83.30	61.272		
18,800.00	7,260.21	6,864.98	6,804.66	333.16	27.78	-52.72	-1,956.54	-5,223.32	5,202.92	5,119.81	83.11	62.603		
18,900.00	7,260.46	6,865.02	6,804.69	336.00	27.78	-52.72	-1,956.56	-5,223.32	5,302.01	5,219.08	82.93	63.931		
19,000.00	7,260.71	6,865.06	6,804.72	338.85	27.78	-52.72	-1,956.59	-5,223.32	5,401.14	5,318.37	82.77	65.257		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 1500-MWD												<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
19,100.00	7,260.95	6,865.10	6,804.75	341.69	27.78	-52.73	-1,956.61	-5,223.32	5,500.30	5,417.68	82.61	66.579	
19,118.22	7,261.00	6,865.11	6,804.76	342.21	27.78	-52.73	-1,956.62	-5,223.32	5,518.37	5,435.78	82.59	66.819	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 2000-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	15.00	-15.00	3.28	3.28	-110.25	-2,077.73	-5,631.97	6,003.00					
100.00	100.00	85.00	85.00	3.28	3.29	-110.25	-2,077.73	-5,631.97	6,003.00	5,996.43	6.57	913.698		
200.00	200.00	185.00	185.00	3.34	3.31	-110.25	-2,077.73	-5,631.97	6,003.00	5,996.36	6.64	903.785		
300.00	300.00	285.00	285.00	3.44	3.34	-110.25	-2,077.73	-5,631.97	6,003.00	5,996.22	6.78	884.877		
400.00	399.98	384.98	384.98	3.60	3.39	113.35	-2,077.73	-5,631.97	6,003.69	5,996.71	6.98	859.695		
500.00	499.84	484.84	484.84	3.79	3.45	113.36	-2,077.73	-5,631.97	6,005.77	5,998.53	7.24	829.981		
600.00	599.45	584.45	584.45	4.03	3.52	113.37	-2,077.73	-5,631.97	6,009.24	6,001.70	7.54	796.645		
700.00	698.70	683.70	683.70	4.30	3.61	113.39	-2,077.73	-5,631.97	6,014.11	6,006.21	7.90	761.268		
800.00	797.47	782.47	782.47	4.60	3.70	113.41	-2,077.73	-5,631.97	6,020.38	6,012.08	8.30	725.097		
900.00	895.62	880.62	880.62	4.94	3.81	113.43	-2,077.73	-5,631.97	6,028.09	6,019.34	8.75	689.042		
1,000.00	993.06	978.06	978.06	5.32	3.92	113.45	-2,077.73	-5,631.97	6,037.23	6,028.00	9.24	653.724		
1,100.00	1,089.64	1,074.64	1,074.64	5.73	4.04	113.48	-2,077.73	-5,631.97	6,047.85	6,038.08	9.76	619.544		
1,131.50	1,119.87	1,104.87	1,104.87	5.87	4.08	113.48	-2,077.73	-5,631.97	6,051.49	6,041.56	9.94	609.051		
1,200.00	1,185.51	1,170.51	1,170.51	6.18	4.17	113.65	-2,077.73	-5,631.97	6,059.62	6,049.29	10.32	586.946		
1,300.00	1,281.33	1,266.33	1,266.33	6.65	4.30	113.89	-2,077.73	-5,631.97	6,071.57	6,060.65	10.91	556.345		
1,400.00	1,377.14	1,362.14	1,362.14	7.13	4.44	114.12	-2,077.73	-5,631.97	6,083.63	6,072.11	11.53	527.860		
1,500.00	1,472.96	1,457.96	1,457.96	7.63	4.58	114.36	-2,077.73	-5,631.97	6,095.80	6,083.65	12.16	501.485		
1,600.00	1,568.78	1,553.78	1,553.78	8.14	4.73	114.60	-2,077.73	-5,631.97	6,108.09	6,095.29	12.80	477.136		
1,700.00	1,664.60	1,649.60	1,649.60	8.66	4.88	114.83	-2,077.73	-5,631.97	6,120.48	6,107.02	13.46	454.688		
1,800.00	1,760.41	1,745.41	1,745.41	9.19	5.04	115.07	-2,077.73	-5,631.97	6,132.98	6,118.85	14.13	433.998		
1,900.00	1,856.23	1,841.23	1,841.23	9.73	5.20	115.30	-2,077.73	-5,631.97	6,145.59	6,130.78	14.81	414.920		
2,000.00	1,952.05	1,937.05	1,937.05	10.27	5.37	115.53	-2,077.73	-5,631.97	6,158.30	6,142.80	15.50	397.312		
2,100.00	2,047.86	2,043.15	2,043.15	10.81	5.63	115.79	-2,077.41	-5,632.03	6,171.10	6,154.81	16.29	378.798		
2,200.00	2,143.68	2,166.95	2,166.86	11.36	6.08	116.13	-2,072.94	-5,632.86	6,183.66	6,166.38	17.27	357.972		
2,300.00	2,239.50	2,287.49	2,287.01	11.92	6.54	116.50	-2,063.55	-5,634.60	6,195.94	6,177.68	18.26	339.273		
2,400.00	2,335.32	2,378.55	2,377.64	12.47	6.89	116.80	-2,054.88	-5,636.21	6,208.25	6,189.09	19.15	324.172		
2,500.00	2,431.13	2,471.59	2,470.24	13.03	7.26	117.10	-2,046.01	-5,637.85	6,220.74	6,200.68	20.06	310.136		
2,600.00	2,526.95	2,564.63	2,562.84	13.59	7.63	117.40	-2,037.13	-5,639.50	6,233.43	6,212.45	20.97	297.192		
2,700.00	2,622.77	2,657.67	2,655.44	14.15	8.02	117.70	-2,028.25	-5,641.15	6,246.30	6,224.40	21.90	285.238		
2,800.00	2,718.59	2,750.70	2,748.04	14.72	8.41	117.99	-2,019.38	-5,642.79	6,259.36	6,236.53	22.83	274.180		
2,900.00	2,814.40	2,843.74	2,840.64	15.29	8.81	118.29	-2,010.50	-5,644.44	6,272.61	6,248.85	23.77	263.933		
3,000.00	2,910.22	2,936.78	2,933.24	15.85	9.21	118.58	-2,001.63	-5,646.08	6,286.05	6,261.34	24.71	254.419		
3,100.00	3,006.04	3,029.82	3,025.84	16.42	9.61	118.88	-1,992.75	-5,647.73	6,299.67	6,274.02	25.65	245.571		
3,200.00	3,101.85	3,122.86	3,118.44	16.99	10.02	119.17	-1,983.87	-5,649.38	6,313.47	6,286.87	26.60	237.327		
3,300.00	3,197.67	3,215.90	3,211.04	17.56	10.43	119.46	-1,975.00	-5,651.02	6,327.46	6,299.90	27.55	229.632		
3,400.00	3,293.49	3,308.94	3,303.64	18.14	10.84	119.75	-1,966.12	-5,652.67	6,341.63	6,313.12	28.51	222.436		
3,500.00	3,389.31	3,401.98	3,396.24	18.71	11.26	120.04	-1,957.25	-5,654.32	6,355.97	6,326.51	29.47	215.697		
3,600.00	3,485.12	3,504.98	3,488.84	19.28	11.72	120.33	-1,948.37	-5,655.96	6,370.50	6,340.03	30.47	209.066		
3,700.00	3,580.94	3,588.05	3,581.44	19.86	12.09	120.62	-1,939.50	-5,657.61	6,385.20	6,353.81	31.39	203.433		
3,800.00	3,676.76	3,681.09	3,674.04	20.43	12.51	120.90	-1,930.62	-5,659.26	6,400.08	6,367.73	32.35	197.841		
3,900.00	3,772.58	3,774.13	3,766.64	21.01	12.94	121.19	-1,921.74	-5,660.90	6,415.13	6,381.82	33.31	192.571		
4,000.00	3,868.39	3,867.17	3,859.24	21.58	13.36	121.47	-1,912.87	-5,662.55	6,430.36	6,396.09	34.28	187.598		
4,100.00	3,964.21	3,960.21	3,951.84	22.16	13.79	121.75	-1,903.99	-5,664.19	6,445.76	6,410.52	35.24	182.897		
4,200.00	4,060.03	4,053.25	4,044.44	22.74	14.21	122.03	-1,895.12	-5,665.84	6,461.33	6,425.13	36.21	178.449		
4,300.00	4,155.85	4,146.29	4,137.04	23.32	14.64	122.31	-1,886.24	-5,667.49	6,477.08	6,439.90	37.17	174.234		
4,400.00	4,251.66	4,239.33	4,229.64	23.89	15.07	122.59	-1,877.36	-5,669.13	6,492.99	6,454.85	38.14	170.235		
4,500.00	4,347.48	4,332.36	4,322.24	24.47	15.50	122.87	-1,868.49	-5,670.78	6,509.06	6,469.96	39.11	166.437		
4,600.00	4,443.30	4,425.40	4,414.84	25.05	15.93	123.15	-1,859.61	-5,672.43	6,525.31	6,485.23	40.08	162.826		
4,700.00	4,539.11	4,518.44	4,507.43	25.63	16.36	123.42	-1,850.74	-5,674.07	6,541.72	6,500.68	41.04	159.389		
4,800.00	4,634.93	4,611.48	4,600.03	26.21	16.79	123.69	-1,841.86	-5,675.72	6,558.29	6,516.28	42.01	156.115		
4,900.00	4,730.75	4,704.52	4,692.63	26.79	17.22	123.97	-1,832.98	-5,677.36	6,575.03	6,532.05	42.98	152.991		
5,000.00	4,826.57	4,802.44	4,785.23	27.37	17.68	124.24	-1,824.11	-5,679.01	6,591.93	6,547.96	43.97	149.932		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	4,922.38	4,890.60	4,877.83	27.95	18.09	124.51	-1,815.23	-5,680.66	6,608.98	6,564.07	44.91	147.160		
5,200.00	5,018.20	4,990.13	4,976.94	28.53	18.55	124.79	-1,806.26	-5,682.32	6,626.18	6,580.27	45.91	144.341		
5,300.00	5,114.02	5,097.57	5,084.19	29.11	19.03	125.06	-1,800.01	-5,683.48	6,643.35	6,596.42	46.93	141.571		
5,400.00	5,209.84	5,207.43	5,194.02	29.69	19.50	125.31	-1,797.71	-5,683.91	6,660.44	6,612.50	47.94	138.946		
5,500.00	5,305.65	5,304.06	5,290.65	30.27	19.90	125.51	-1,797.71	-5,683.91	6,677.49	6,628.61	48.88	136.621		
5,600.00	5,401.47	5,399.88	5,386.47	30.86	20.30	125.70	-1,797.71	-5,683.91	6,694.62	6,644.81	49.81	134.396		
5,700.00	5,497.29	5,495.70	5,482.29	31.44	20.69	125.89	-1,797.71	-5,683.91	6,711.83	6,661.08	50.75	132.256		
5,800.00	5,593.10	5,591.51	5,578.10	32.02	21.09	126.08	-1,797.71	-5,683.91	6,729.12	6,677.43	51.69	130.194		
5,900.00	5,688.92	5,687.33	5,673.92	32.60	21.49	126.28	-1,797.71	-5,683.91	6,746.48	6,693.86	52.62	128.208		
6,000.00	5,784.74	5,783.15	5,769.74	33.18	21.89	126.47	-1,797.71	-5,683.91	6,763.92	6,710.36	53.56	126.294		
6,100.00	5,880.56	5,878.97	5,865.56	33.76	22.29	126.66	-1,797.71	-5,683.91	6,781.44	6,726.95	54.49	124.447		
6,200.00	5,976.37	5,974.78	5,961.37	34.35	22.69	126.84	-1,797.71	-5,683.91	6,799.03	6,743.60	55.43	122.664		
6,300.00	6,072.19	6,070.60	6,057.19	34.93	23.09	127.03	-1,797.71	-5,683.91	6,816.70	6,760.33	56.36	120.943		
6,400.00	6,168.01	6,166.42	6,153.01	35.51	23.49	127.22	-1,797.71	-5,683.91	6,834.44	6,777.14	57.30	119.279		
6,500.00	6,263.83	6,262.24	6,248.83	36.09	23.89	127.40	-1,797.71	-5,683.91	6,852.25	6,794.02	58.23	117.671		
6,600.00	6,359.64	6,358.05	6,344.64	36.68	24.29	127.59	-1,797.71	-5,683.91	6,870.14	6,810.97	59.17	116.115		
6,700.00	6,455.46	6,453.87	6,440.46	37.26	24.69	127.77	-1,797.71	-5,683.91	6,888.10	6,828.00	60.10	114.610		
6,733.48	6,487.54	6,485.95	6,472.54	37.45	24.83	127.83	-1,797.71	-5,683.91	6,894.13	6,833.72	60.41	114.117		
6,750.00	6,503.41	6,501.82	6,488.41	37.55	24.89	123.98	-1,797.71	-5,683.91	6,896.90	6,836.33	60.57	113.874		
6,800.00	6,551.83	6,550.24	6,536.83	37.82	25.10	109.16	-1,797.71	-5,683.91	6,902.71	6,841.69	61.02	113.121		
6,850.00	6,600.62	6,599.00	6,584.50	38.05	25.12	89.80	-1,799.71	-5,683.91	6,904.89	6,843.64	61.25	112.735		
6,900.00	6,649.47	6,600.00	6,586.35	38.25	25.27	69.42	-1,803.53	-5,683.91	6,903.26	6,841.67	61.60	112.074		
6,950.00	6,698.08	6,619.81	6,605.98	38.42	25.33	52.44	-1,806.23	-5,683.91	6,897.86	6,836.05	61.81	111.599		
7,000.00	6,746.15	6,649.13	6,634.87	38.57	25.42	40.19	-1,811.15	-5,683.91	6,888.74	6,826.71	62.03	111.051		
7,050.00	6,793.39	6,677.98	6,663.11	38.71	25.51	31.65	-1,817.08	-5,683.90	6,875.94	6,813.71	62.23	110.494		
7,100.00	6,839.50	6,700.00	6,684.50	38.84	25.58	25.61	-1,822.31	-5,683.90	6,859.54	6,797.16	62.38	109.971		
7,150.00	6,884.20	6,733.29	6,716.52	38.97	25.68	21.15	-1,831.39	-5,683.90	6,839.62	6,777.08	62.54	109.365		
7,200.00	6,927.21	6,759.28	6,741.23	39.11	25.75	17.74	-1,839.44	-5,683.90	6,816.29	6,753.63	62.66	108.784		
7,250.00	6,968.28	6,783.89	6,764.36	39.25	25.82	15.03	-1,847.84	-5,683.90	6,789.70	6,726.94	62.76	108.185		
7,300.00	7,007.13	6,800.00	6,779.36	39.41	25.86	12.79	-1,853.74	-5,683.90	6,760.00	6,697.18	62.82	107.614		
7,350.00	7,043.55	6,828.33	6,805.40	39.58	25.93	10.81	-1,864.87	-5,683.90	6,727.33	6,664.43	62.91	106.941		
7,400.00	7,077.29	6,847.90	6,823.15	39.77	25.98	9.03	-1,873.13	-5,683.89	6,691.91	6,628.95	62.96	106.292		
7,450.00	7,108.16	6,865.60	6,839.01	39.98	26.03	7.32	-1,880.98	-5,683.89	6,653.93	6,590.93	63.00	105.623		
7,500.00	7,135.96	6,881.35	6,852.97	40.22	26.07	5.59	-1,888.27	-5,683.89	6,613.61	6,550.58	63.03	104.934		
7,550.00	7,160.53	6,900.00	6,869.30	40.49	26.11	3.66	-1,897.28	-5,683.89	6,571.17	6,508.11	63.07	104.194		
7,600.00	7,181.70	6,900.00	6,869.30	40.79	26.11	1.54	-1,897.28	-5,683.89	6,526.87	6,463.84	63.03	103.544		
7,650.00	7,199.35	6,916.50	6,883.56	41.13	26.16	-1.36	-1,905.58	-5,683.89	6,480.95	6,417.88	63.07	102.754		
7,700.00	7,213.38	6,924.12	6,890.09	41.51	26.17	-5.38	-1,909.52	-5,683.89	6,433.70	6,370.62	63.08	101.994		
7,750.00	7,223.68	6,929.68	6,894.82	41.93	26.19	-11.81	-1,912.43	-5,683.89	6,385.37	6,322.29	63.08	101.219		
7,800.00	7,230.21	6,933.16	6,897.78	42.38	26.20	-23.86	-1,914.27	-5,683.89	6,336.27	6,273.18	63.09	100.432		
7,850.00	7,232.92	6,934.58	6,898.98	42.87	26.20	-50.29	-1,915.03	-5,683.89	6,286.69	6,223.59	63.10	99.635		
7,858.69	7,233.00	6,934.62	6,899.01	42.95	26.20	-57.31	-1,915.05	-5,683.89	6,278.04	6,214.94	63.10	99.494		
7,900.00	7,233.10	6,934.64	6,899.03	43.38	26.20	-57.31	-1,915.06	-5,683.89	6,236.93	6,173.83	63.11	98.832		
8,000.00	7,233.35	6,934.69	6,899.07	44.56	26.20	-57.32	-1,915.08	-5,683.89	6,137.44	6,074.31	63.13	97.226		
8,100.00	7,233.60	6,934.74	6,899.11	45.91	26.20	-57.32	-1,915.11	-5,683.89	6,037.96	5,974.81	63.15	95.616		
8,200.00	7,233.85	6,934.79	6,899.15	47.41	26.20	-57.33	-1,915.14	-5,683.89	5,938.49	5,875.32	63.17	94.001		
8,300.00	7,234.10	6,934.84	6,899.19	49.05	26.20	-57.33	-1,915.16	-5,683.89	5,839.05	5,775.84	63.21	92.382		
8,400.00	7,234.35	6,934.89	6,899.24	50.81	26.20	-57.34	-1,915.19	-5,683.89	5,739.62	5,676.38	63.24	90.757		
8,500.00	7,234.59	6,934.94	6,899.28	52.68	26.20	-57.34	-1,915.21	-5,683.89	5,640.21	5,576.93	63.28	89.128		
8,600.00	7,234.84	6,934.99	6,899.32	54.65	26.20	-57.35	-1,915.24	-5,683.89	5,540.83	5,477.50	63.33	87.494		
8,700.00	7,235.09	6,935.04	6,899.36	56.70	26.20	-57.35	-1,915.27	-5,683.89	5,441.47	5,378.09	63.38	85.856		
8,800.00	7,235.34	6,935.08	6,899.40	58.82	26.20	-57.35	-1,915.29	-5,683.89	5,342.13	5,278.69	63.44	84.212		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 2000-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.00	7,235.59	6,935.13	6,899.44	61.01	26.20	-57.36	-1,915.32	-5,683.89	5,242.82	5,179.32	63.50	82.563		
9,000.00	7,235.84	6,935.18	6,899.49	63.25	26.20	-57.36	-1,915.35	-5,683.89	5,143.53	5,079.96	63.57	80.909		
9,100.00	7,236.09	6,935.23	6,899.53	65.55	26.20	-57.37	-1,915.37	-5,683.89	5,044.27	4,980.62	63.65	79.249		
9,200.00	7,236.34	6,935.28	6,899.57	67.89	26.20	-57.37	-1,915.40	-5,683.89	4,945.05	4,881.31	63.74	77.584		
9,300.00	7,236.58	6,935.33	6,899.61	70.27	26.20	-57.38	-1,915.43	-5,683.89	4,845.85	4,782.02	63.83	75.914		
9,400.00	7,236.83	6,935.38	6,899.65	72.69	26.20	-57.38	-1,915.45	-5,683.89	4,746.69	4,682.75	63.94	74.238		
9,500.00	7,237.08	6,935.43	6,899.69	75.14	26.20	-57.39	-1,915.48	-5,683.89	4,647.56	4,583.51	64.06	72.556		
9,600.00	7,237.33	6,935.48	6,899.74	77.62	26.20	-57.39	-1,915.50	-5,683.89	4,548.47	4,484.29	64.18	70.868		
9,700.00	7,237.58	6,935.53	6,899.78	80.12	26.20	-57.40	-1,915.53	-5,683.89	4,449.42	4,385.10	64.32	69.174		
9,800.00	7,237.83	6,935.58	6,899.82	82.65	26.20	-57.40	-1,915.56	-5,683.89	4,350.42	4,285.94	64.48	67.473		
9,900.00	7,238.08	6,935.63	6,899.86	85.20	26.20	-57.40	-1,915.58	-5,683.89	4,251.46	4,186.82	64.64	65.767		
10,000.00	7,238.32	6,935.68	6,899.90	87.77	26.20	-57.41	-1,915.61	-5,683.89	4,152.56	4,087.73	64.83	64.054		
10,100.00	7,238.57	6,935.72	6,899.94	90.36	26.20	-57.41	-1,915.63	-5,683.89	4,053.70	3,988.67	65.03	62.334		
10,200.00	7,238.82	6,935.77	6,899.99	92.97	26.20	-57.42	-1,915.66	-5,683.89	3,954.91	3,889.65	65.25	60.607		
10,300.00	7,239.07	6,935.82	6,900.03	95.59	26.20	-57.42	-1,915.69	-5,683.89	3,856.17	3,790.67	65.50	58.874		
10,400.00	7,239.32	6,935.87	6,900.07	98.22	26.20	-57.43	-1,915.71	-5,683.89	3,757.50	3,691.74	65.77	57.134		
10,500.00	7,239.57	6,935.92	6,900.11	100.87	26.20	-57.43	-1,915.74	-5,683.89	3,658.91	3,592.85	66.06	55.386		
10,600.00	7,239.82	6,935.97	6,900.15	103.52	26.20	-57.44	-1,915.77	-5,683.89	3,560.39	3,494.01	66.39	53.632		
10,700.00	7,240.07	6,936.02	6,900.19	106.19	26.20	-57.44	-1,915.79	-5,683.89	3,461.96	3,395.22	66.74	51.871		
10,800.00	7,240.31	6,936.07	6,900.23	108.87	26.20	-57.45	-1,915.82	-5,683.89	3,363.62	3,296.49	67.13	50.103		
10,900.00	7,240.56	6,936.12	6,900.28	111.56	26.20	-57.45	-1,915.84	-5,683.89	3,265.39	3,197.82	67.57	48.328		
11,000.00	7,240.81	6,936.17	6,900.32	114.25	26.21	-57.45	-1,915.87	-5,683.89	3,167.26	3,099.21	68.04	46.547		
11,100.00	7,241.06	6,936.21	6,900.36	116.96	26.21	-57.46	-1,915.90	-5,683.89	3,069.25	3,000.68	68.57	44.760		
11,200.00	7,241.31	6,936.26	6,900.40	119.67	26.21	-57.46	-1,915.92	-5,683.89	2,971.38	2,902.22	69.15	42.967		
11,300.00	7,241.56	6,936.31	6,900.44	122.39	26.21	-57.47	-1,915.95	-5,683.89	2,873.65	2,803.85	69.80	41.169		
11,400.00	7,241.81	6,936.36	6,900.48	125.11	26.21	-57.47	-1,915.97	-5,683.89	2,776.08	2,705.57	70.52	39.367		
11,500.00	7,242.06	6,936.41	6,900.52	127.84	26.21	-57.48	-1,916.00	-5,683.89	2,678.70	2,607.38	71.31	37.562		
11,600.00	7,242.30	6,936.46	6,900.56	130.58	26.21	-57.48	-1,916.03	-5,683.89	2,581.51	2,509.31	72.20	35.755		
11,700.00	7,242.55	6,936.51	6,900.61	133.32	26.21	-57.49	-1,916.05	-5,683.89	2,484.55	2,411.36	73.19	33.948		
11,800.00	7,242.80	6,936.56	6,900.65	136.07	26.21	-57.49	-1,916.08	-5,683.89	2,387.84	2,313.55	74.29	32.142		
11,900.00	7,243.05	6,936.60	6,900.69	138.82	26.21	-57.49	-1,916.10	-5,683.89	2,291.41	2,215.88	75.52	30.341		
12,000.00	7,243.30	6,936.65	6,900.73	141.58	26.21	-57.50	-1,916.13	-5,683.89	2,195.29	2,118.39	76.90	28.546		
12,100.00	7,243.55	6,936.70	6,900.77	144.34	26.21	-57.50	-1,916.16	-5,683.89	2,099.55	2,021.09	78.45	26.761		
12,200.00	7,243.80	6,936.75	6,900.81	147.10	26.21	-57.51	-1,916.18	-5,683.89	2,004.21	1,924.02	80.20	24.990		
12,300.00	7,244.04	6,936.80	6,900.85	149.87	26.21	-57.51	-1,916.21	-5,683.89	1,909.36	1,827.19	82.17	23.238		
12,400.00	7,244.29	6,936.85	6,900.89	152.64	26.21	-57.52	-1,916.23	-5,683.89	1,815.06	1,730.67	84.39	21.508		
12,500.00	7,244.54	6,936.90	6,900.93	155.41	26.21	-57.52	-1,916.26	-5,683.89	1,721.40	1,634.49	86.91	19.806		
12,600.00	7,244.79	6,936.94	6,900.98	158.19	26.21	-57.53	-1,916.29	-5,683.89	1,628.49	1,538.72	89.77	18.140		
12,700.00	7,245.04	6,936.99	6,901.02	160.97	26.21	-57.53	-1,916.31	-5,683.89	1,536.48	1,443.45	93.03	16.516		
12,800.00	7,245.29	6,937.04	6,901.06	163.75	26.21	-57.54	-1,916.34	-5,683.89	1,445.53	1,348.78	96.74	14.942		
12,900.00	7,245.54	6,937.09	6,901.10	166.54	26.21	-57.54	-1,916.36	-5,683.89	1,355.85	1,254.86	100.99	13.425		
13,000.00	7,245.79	6,937.14	6,901.14	169.33	26.21	-57.54	-1,916.39	-5,683.89	1,267.72	1,161.86	105.86	11.976		
13,100.00	7,246.03	6,937.19	6,901.18	172.12	26.21	-57.55	-1,916.42	-5,683.89	1,181.48	1,070.05	111.43	10.603		
13,200.00	7,246.28	6,937.23	6,901.22	174.91	26.21	-57.55	-1,916.44	-5,683.89	1,097.58	979.76	117.82	9.316		
13,300.00	7,246.53	6,937.28	6,901.26	177.71	26.21	-57.56	-1,916.47	-5,683.89	1,016.59	891.47	125.12	8.125		
13,400.00	7,246.78	6,937.33	6,901.30	180.50	26.21	-57.56	-1,916.49	-5,683.89	939.27	805.86	133.41	7.040		
13,500.00	7,247.03	6,937.38	6,901.34	183.30	26.21	-57.57	-1,916.52	-5,683.89	866.61	723.89	142.72	6.072		
13,600.00	7,247.28	6,937.43	6,901.38	186.10	26.21	-57.57	-1,916.55	-5,683.89	799.87	646.91	152.96	5.229		
13,700.00	7,247.53	6,937.48	6,901.42	188.91	26.21	-57.58	-1,916.57	-5,683.89	740.66	576.82	163.84	4.521		
13,800.00	7,247.77	6,937.52	6,901.47	191.71	26.21	-57.58	-1,916.60	-5,683.89	690.91	516.14	174.76	3.953		
13,900.00	7,248.02	6,937.57	6,901.51	194.52	26.21	-57.58	-1,916.62	-5,683.89	652.79	468.03	184.76	3.533		
14,000.00	7,248.27	6,937.62	6,901.55	197.32	26.21	-57.59	-1,916.65	-5,683.89	628.42	435.84	192.58	3.263		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 2000-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	6,937.67	6,901.59	200.13	26.21	-57.59	-1,916.68	-5,683.89	619.43	422.39	197.04	3.144		
14,106.10	7,248.54	6,937.67	6,901.59	200.30	26.21	-57.59	-1,916.68	-5,683.89	619.40	422.21	197.18	3.141	CC, ES, SF	
14,200.00	7,248.77	6,937.72	6,901.63	202.94	26.21	-57.60	-1,916.70	-5,683.89	626.47	428.97	197.50	3.172		
14,300.00	7,249.02	6,937.77	6,901.67	205.76	26.21	-57.60	-1,916.73	-5,683.89	649.04	454.86	194.18	3.342		
14,400.00	7,249.27	6,937.81	6,901.71	208.57	26.21	-57.61	-1,916.75	-5,683.89	685.59	497.59	187.99	3.647		
14,500.00	7,249.52	6,937.86	6,901.75	211.38	26.21	-57.61	-1,916.78	-5,683.89	734.04	553.93	180.11	4.076		
14,600.00	7,249.76	6,937.91	6,901.79	214.20	26.21	-57.62	-1,916.80	-5,683.89	792.20	620.65	171.55	4.618		
14,700.00	7,250.01	6,937.96	6,901.83	217.02	26.21	-57.62	-1,916.83	-5,683.89	858.12	695.07	163.05	5.263		
14,800.00	7,250.26	6,938.01	6,901.87	219.84	26.21	-57.62	-1,916.86	-5,683.89	930.13	775.11	155.02	6.000		
14,900.00	7,250.51	6,938.05	6,901.91	222.65	26.21	-57.63	-1,916.88	-5,683.89	1,006.94	859.29	147.65	6.820		
15,000.00	7,250.76	6,938.10	6,901.95	225.48	26.21	-57.63	-1,916.91	-5,683.89	1,087.52	946.52	141.00	7.713		
15,100.00	7,251.01	6,938.15	6,901.99	228.30	26.21	-57.64	-1,916.93	-5,683.89	1,171.10	1,036.04	135.07	8.671		
15,200.00	7,251.26	6,938.20	6,902.03	231.12	26.21	-57.64	-1,916.96	-5,683.89	1,257.09	1,127.30	129.79	9.686		
15,300.00	7,251.50	6,938.25	6,902.07	233.94	26.21	-57.65	-1,916.98	-5,683.89	1,345.01	1,219.91	125.10	10.752		
15,400.00	7,251.75	6,938.29	6,902.11	236.77	26.21	-57.65	-1,917.01	-5,683.89	1,434.51	1,313.58	120.93	11.862		
15,500.00	7,252.00	6,938.34	6,902.15	239.59	26.21	-57.66	-1,917.04	-5,683.89	1,525.32	1,408.10	117.22	13.012		
15,600.00	7,252.25	6,938.39	6,902.19	242.42	26.21	-57.66	-1,917.06	-5,683.89	1,617.21	1,503.30	113.92	14.196		
15,700.00	7,252.50	6,938.44	6,902.24	245.24	26.21	-57.66	-1,917.09	-5,683.89	1,710.02	1,599.05	110.96	15.411		
15,800.00	7,252.75	6,938.48	6,902.28	248.07	26.21	-57.67	-1,917.11	-5,683.89	1,803.59	1,695.28	108.31	16.651		
15,900.00	7,253.00	6,938.53	6,902.32	250.90	26.21	-57.67	-1,917.14	-5,683.89	1,897.82	1,791.89	105.93	17.915		
16,000.00	7,253.25	6,938.58	6,902.36	253.73	26.21	-57.68	-1,917.16	-5,683.89	1,992.61	1,888.83	103.79	19.199		
16,100.00	7,253.49	6,938.63	6,902.40	256.56	26.21	-57.68	-1,917.19	-5,683.89	2,087.89	1,986.05	101.84	20.501		
16,200.00	7,253.74	6,938.68	6,902.44	259.39	26.21	-57.69	-1,917.21	-5,683.89	2,183.59	2,083.51	100.08	21.818		
16,300.00	7,253.99	6,938.72	6,902.48	262.22	26.21	-57.69	-1,917.24	-5,683.89	2,279.66	2,181.17	98.48	23.148		
16,400.00	7,254.24	6,938.77	6,902.52	265.05	26.21	-57.70	-1,917.27	-5,683.89	2,376.05	2,279.02	97.03	24.489		
16,500.00	7,254.49	6,938.82	6,902.56	267.88	26.21	-57.70	-1,917.29	-5,683.89	2,472.73	2,377.04	95.70	25.840		
16,600.00	7,254.74	6,938.87	6,902.60	270.72	26.21	-57.70	-1,917.32	-5,683.89	2,569.66	2,475.19	94.48	27.199		
16,700.00	7,254.99	6,938.91	6,902.64	273.55	26.21	-57.71	-1,917.34	-5,683.89	2,666.82	2,573.47	93.36	28.565		
16,800.00	7,255.24	6,938.96	6,902.68	276.38	26.21	-57.71	-1,917.37	-5,683.89	2,764.19	2,671.85	92.33	29.937		
16,900.00	7,255.48	6,939.01	6,902.72	279.22	26.21	-57.72	-1,917.39	-5,683.89	2,861.73	2,770.34	91.39	31.314		
17,000.00	7,255.73	6,939.06	6,902.76	282.05	26.21	-57.72	-1,917.42	-5,683.89	2,959.44	2,868.92	90.52	32.694		
17,100.00	7,255.98	6,939.10	6,902.80	284.89	26.21	-57.73	-1,917.44	-5,683.89	3,057.30	2,967.58	89.71	34.078		
17,200.00	7,256.23	6,939.15	6,902.84	287.73	26.21	-57.73	-1,917.47	-5,683.89	3,155.29	3,066.32	88.97	35.464		
17,300.00	7,256.48	6,939.20	6,902.88	290.56	26.21	-57.73	-1,917.50	-5,683.89	3,253.40	3,165.12	88.28	36.852		
17,400.00	7,256.73	6,939.25	6,902.92	293.40	26.21	-57.74	-1,917.52	-5,683.89	3,351.63	3,263.98	87.64	38.241		
17,500.00	7,256.98	6,939.29	6,902.96	296.24	26.21	-57.74	-1,917.55	-5,683.89	3,449.96	3,362.90	87.05	39.631		
17,600.00	7,257.22	6,939.34	6,903.00	299.07	26.21	-57.75	-1,917.57	-5,683.89	3,548.38	3,461.87	86.50	41.021		
17,700.00	7,257.47	6,939.39	6,903.04	301.91	26.21	-57.75	-1,917.60	-5,683.89	3,646.88	3,560.89	85.99	42.410		
17,800.00	7,257.72	6,939.44	6,903.08	304.75	26.21	-57.76	-1,917.62	-5,683.89	3,745.47	3,659.95	85.52	43.799		
17,900.00	7,257.97	6,939.48	6,903.12	307.59	26.21	-57.76	-1,917.65	-5,683.89	3,844.13	3,759.05	85.07	45.187		
18,000.00	7,258.22	6,939.53	6,903.16	310.43	26.21	-57.77	-1,917.67	-5,683.89	3,942.85	3,858.19	84.66	46.573		
18,100.00	7,258.47	6,939.58	6,903.20	313.27	26.21	-57.77	-1,917.70	-5,683.89	4,041.64	3,957.37	84.27	47.958		
18,200.00	7,258.72	6,939.62	6,903.24	316.11	26.21	-57.77	-1,917.73	-5,683.89	4,140.49	4,056.57	83.92	49.341		
18,300.00	7,258.97	6,939.67	6,903.28	318.95	26.21	-57.78	-1,917.75	-5,683.89	4,239.39	4,155.81	83.58	50.723		
18,400.00	7,259.21	6,939.72	6,903.32	321.79	26.21	-57.78	-1,917.78	-5,683.89	4,338.34	4,255.07	83.27	52.101		
18,500.00	7,259.46	6,939.77	6,903.36	324.63	26.21	-57.79	-1,917.80	-5,683.89	4,437.34	4,354.36	82.98	53.478		
18,600.00	7,259.71	6,939.81	6,903.40	327.48	26.21	-57.79	-1,917.83	-5,683.89	4,536.38	4,453.68	82.70	54.851		
18,700.00	7,259.96	6,939.86	6,903.44	330.32	26.21	-57.80	-1,917.85	-5,683.89	4,635.47	4,553.02	82.45	56.222		
18,800.00	7,260.21	6,939.91	6,903.48	333.16	26.21	-57.80	-1,917.88	-5,683.89	4,734.59	4,652.38	82.21	57.590		
18,900.00	7,260.46	6,939.95	6,903.52	336.00	26.21	-57.80	-1,917.90	-5,683.89	4,833.75	4,751.76	81.99	58.955		
19,000.00	7,260.71	6,940.00	6,903.55	338.85	26.21	-57.81	-1,917.93	-5,683.89	4,932.94	4,851.15	81.78	60.317		
19,100.00	7,260.95	6,940.05	6,903.59	341.69	26.21	-57.81	-1,917.95	-5,683.89	5,032.16	4,950.57	81.59	61.675		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 2000-MWD												<b>Offset Well Error:</b>	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)		
19,118.22	7,261.00	6,940.06	6,903.60	342.21	26.21	-57.81	-1,917.96	-5,683.89	5,050.24	4,968.69	81.56	61.922	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-10.59	1,478.72	-276.41	1,507.26					
100.00	100.00	6.00	6.00	3.28	3.28	-10.59	1,478.72	-276.41	1,504.33	1,497.76	6.57	229.096		
200.00	200.00	106.00	106.00	3.34	3.82	-10.59	1,478.72	-276.41	1,504.33	1,497.17	7.16	210.236		
300.00	300.00	206.00	206.00	3.44	6.36	-10.59	1,478.72	-276.41	1,504.33	1,494.53	9.80	153.467 CC		
400.00	399.98	305.98	305.98	3.60	9.52	-147.01	1,478.72	-276.41	1,505.79	1,492.68	13.12	114.804 ES		
500.00	499.84	405.84	405.84	3.79	12.85	-147.07	1,478.72	-276.41	1,510.19	1,493.55	16.64	90.767		
600.00	599.45	505.45	505.45	4.03	16.23	-147.17	1,478.72	-276.41	1,517.51	1,497.25	20.26	74.905		
700.00	698.70	604.70	604.70	4.30	19.64	-147.30	1,478.72	-276.41	1,527.78	1,503.85	23.94	63.829		
800.00	797.47	703.47	703.47	4.60	23.05	-147.47	1,478.72	-276.41	1,541.01	1,513.36	27.64	55.745		
900.00	895.62	801.62	801.62	4.94	26.44	-147.67	1,478.72	-276.41	1,557.20	1,525.83	31.37	49.640		
1,000.00	993.06	900.94	899.06	5.32	29.89	-147.90	1,478.72	-276.41	1,576.37	1,541.20	35.17	44.825		
1,100.00	1,089.64	1,004.36	995.64	5.73	33.48	-148.15	1,478.72	-276.41	1,598.53	1,559.40	39.13	40.848		
1,131.50	1,119.87	1,025.87	1,025.87	5.87	34.23	-148.23	1,478.72	-276.41	1,606.14	1,566.13	40.01	40.146		
1,200.00	1,185.51	1,108.49	1,091.51	6.18	37.10	-148.59	1,478.72	-276.41	1,623.03	1,579.88	43.15	37.616		
1,300.00	1,281.33	1,187.33	1,187.33	6.65	39.84	-149.11	1,478.72	-276.41	1,647.79	1,601.50	46.29	35.596		
1,400.00	1,377.14	1,283.14	1,283.14	7.13	43.17	-149.60	1,478.72	-276.41	1,672.68	1,622.64	50.04	33.426		
1,500.00	1,472.96	1,378.96	1,378.96	7.63	46.51	-150.09	1,478.72	-276.41	1,697.69	1,643.89	53.80	31.555		
1,600.00	1,568.78	1,474.78	1,474.78	8.14	49.85	-150.56	1,478.72	-276.41	1,722.81	1,665.24	57.57	29.925		
1,700.00	1,664.60	1,570.60	1,570.60	8.66	53.19	-151.01	1,478.72	-276.41	1,748.03	1,686.68	61.35	28.493		
1,800.00	1,760.41	1,666.41	1,666.41	9.19	56.52	-151.46	1,478.72	-276.41	1,773.36	1,708.23	65.13	27.226		
1,900.00	1,856.23	1,762.23	1,762.23	9.73	59.86	-151.89	1,478.72	-276.41	1,798.79	1,729.87	68.92	26.098		
2,000.00	1,952.05	1,858.05	1,858.05	10.27	63.20	-152.31	1,478.72	-276.41	1,824.31	1,751.59	72.72	25.087		
2,100.00	2,047.86	1,953.86	1,953.86	10.81	66.54	-152.72	1,478.72	-276.41	1,849.93	1,773.41	76.52	24.177		
2,200.00	2,143.68	2,049.68	2,049.68	11.36	69.89	-153.11	1,478.72	-276.41	1,875.63	1,795.31	80.32	23.352		
2,300.00	2,239.50	2,145.50	2,145.50	11.92	73.23	-153.50	1,478.72	-276.41	1,901.41	1,817.29	84.12	22.603		
2,400.00	2,335.32	2,241.32	2,241.32	12.47	76.57	-153.88	1,478.72	-276.41	1,927.27	1,839.34	87.93	21.919		
2,500.00	2,431.13	2,337.13	2,337.13	13.03	79.91	-154.24	1,478.72	-276.41	1,953.21	1,861.48	91.74	21.291		
2,600.00	2,526.95	2,432.95	2,432.95	13.59	83.25	-154.60	1,478.72	-276.41	1,979.23	1,883.68	95.55	20.715		
2,700.00	2,622.77	2,528.77	2,528.77	14.15	86.60	-154.95	1,478.72	-276.41	2,005.31	1,905.95	99.36	20.183		
2,800.00	2,718.59	2,624.59	2,624.59	14.72	89.94	-155.29	1,478.72	-276.41	2,031.46	1,928.29	103.17	19.690		
2,900.00	2,814.40	2,720.40	2,720.40	15.29	93.28	-155.62	1,478.72	-276.41	2,057.68	1,950.70	106.99	19.233		
3,000.00	2,910.22	2,816.22	2,816.22	15.85	96.62	-155.94	1,478.72	-276.41	2,083.97	1,973.17	110.80	18.808		
3,100.00	3,006.04	2,912.04	2,912.04	16.42	99.97	-156.26	1,478.72	-276.41	2,110.31	1,995.69	114.62	18.412		
3,200.00	3,101.85	3,007.85	3,007.85	16.99	103.31	-156.56	1,478.72	-276.41	2,136.71	2,018.28	118.43	18.041		
3,300.00	3,197.67	3,103.67	3,103.67	17.56	106.65	-156.86	1,478.72	-276.41	2,163.17	2,040.92	122.25	17.695		
3,400.00	3,293.49	3,200.51	3,199.49	18.14	110.03	-157.16	1,478.72	-276.41	2,189.68	2,063.58	126.10	17.364		
3,500.00	3,389.31	3,304.69	3,295.31	18.71	113.67	-157.44	1,478.72	-276.41	2,216.24	2,086.03	130.21	17.020		
3,600.00	3,485.12	3,408.88	3,391.12	19.28	117.30	-157.72	1,478.72	-276.41	2,242.86	2,108.53	134.33	16.697		
3,700.00	3,580.94	3,486.94	3,486.94	19.86	120.03	-157.99	1,478.72	-276.41	2,269.52	2,132.00	137.53	16.503		
3,800.00	3,676.76	3,582.76	3,582.76	20.43	123.37	-158.26	1,478.72	-276.41	2,296.23	2,154.89	141.34	16.246		
3,900.00	3,772.58	3,678.58	3,678.58	21.01	126.72	-158.52	1,478.72	-276.41	2,322.99	2,177.83	145.17	16.002		
4,000.00	3,868.39	3,774.39	3,774.39	21.58	130.06	-158.77	1,478.72	-276.41	2,349.79	2,200.81	148.99	15.772		
4,100.00	3,964.21	3,870.21	3,870.21	22.16	133.40	-159.02	1,478.72	-276.41	2,376.63	2,223.83	152.81	15.553		
4,200.00	4,060.03	3,966.03	3,966.03	22.74	136.75	-159.27	1,478.72	-276.41	2,403.52	2,246.89	156.63	15.345		
4,300.00	4,155.85	4,061.85	4,061.85	23.32	140.09	-159.50	1,478.72	-276.41	2,430.44	2,269.99	160.45	15.148		
4,400.00	4,251.66	4,157.66	4,157.66	23.89	143.44	-159.74	1,478.72	-276.41	2,457.40	2,293.13	164.27	14.959		
4,500.00	4,347.48	4,253.48	4,253.48	24.47	146.78	-159.96	1,478.72	-276.41	2,484.40	2,316.31	168.09	14.780		
4,600.00	4,443.30	4,349.30	4,349.30	25.05	150.12	-160.19	1,478.72	-276.41	2,511.44	2,339.52	171.91	14.609		
4,700.00	4,539.11	4,445.11	4,445.11	25.63	153.47	-160.40	1,478.72	-276.41	2,538.51	2,362.77	175.74	14.445		
4,800.00	4,634.93	4,540.93	4,540.93	26.21	156.81	-160.62	1,478.72	-276.41	2,565.61	2,386.05	179.56	14.288		
4,900.00	4,730.75	4,636.75	4,636.75	26.79	160.16	-160.83	1,478.72	-276.41	2,592.74	2,409.36	183.38	14.139		
5,000.00	4,826.57	4,732.57	4,732.57	27.37	163.50	-161.03	1,478.72	-276.41	2,619.91	2,432.71	187.20	13.995		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,828.38	4,828.38	27.95	166.85	-161.23	1,478.72	-276.41	2,647.11	2,456.08	191.03	13.857		
5,200.00	5,018.20	4,924.20	4,924.20	28.53	170.19	-161.43	1,478.72	-276.41	2,674.34	2,479.49	194.85	13.725		
5,300.00	5,114.02	5,020.02	5,020.02	29.11	173.53	-161.62	1,478.72	-276.41	2,701.59	2,502.92	198.67	13.598		
5,400.00	5,209.84	5,115.84	5,115.84	29.69	176.88	-161.81	1,478.72	-276.41	2,728.88	2,526.38	202.50	13.476		
5,500.00	5,305.65	5,211.65	5,211.65	30.27	180.22	-161.99	1,478.72	-276.41	2,756.19	2,549.87	206.32	13.359		
5,600.00	5,401.47	5,307.47	5,307.47	30.86	183.57	-162.17	1,478.72	-276.41	2,783.53	2,573.38	210.14	13.246		
5,700.00	5,497.29	5,403.29	5,403.29	31.44	186.91	-162.35	1,478.72	-276.41	2,810.89	2,596.92	213.97	13.137		
5,800.00	5,593.10	5,500.90	5,499.10	32.02	190.32	-162.53	1,478.72	-276.41	2,838.28	2,620.42	217.86	13.028		
5,900.00	5,688.92	5,605.08	5,594.92	32.60	193.96	-162.70	1,478.72	-276.41	2,865.69	2,643.72	221.97	12.910		
6,000.00	5,784.74	5,709.26	5,690.74	33.18	197.59	-162.87	1,478.72	-276.41	2,893.12	2,667.04	226.09	12.796		
6,100.00	5,880.56	5,786.56	5,786.56	33.76	200.29	-163.03	1,478.72	-276.41	2,920.58	2,691.32	229.27	12.739		
6,200.00	5,976.37	5,882.37	5,882.37	34.35	203.63	-163.19	1,478.72	-276.41	2,948.06	2,714.97	233.09	12.648		
6,300.00	6,072.19	5,978.19	5,978.19	34.93	206.98	-163.35	1,478.72	-276.41	2,975.56	2,738.65	236.91	12.560		
6,400.00	6,168.01	6,074.01	6,074.01	35.51	210.32	-163.51	1,478.72	-276.41	3,003.08	2,762.35	240.74	12.474		
6,500.00	6,263.83	6,169.83	6,169.83	36.09	213.67	-163.66	1,478.72	-276.41	3,030.63	2,786.06	244.56	12.392		
6,600.00	6,359.64	6,265.64	6,265.64	36.68	217.01	-163.81	1,478.72	-276.41	3,058.19	2,809.80	248.39	12.312		
6,700.00	6,455.46	6,361.46	6,361.46	37.26	220.36	-163.96	1,478.72	-276.41	3,085.77	2,833.56	252.21	12.235		
6,733.48	6,487.54	6,406.46	6,393.54	37.45	221.93	-164.01	1,478.72	-276.41	3,095.01	2,841.06	253.95	12.188		
6,750.00	6,503.41	6,409.41	6,409.41	37.55	222.03	-168.30	1,478.72	-276.41	3,099.48	2,845.35	254.13	12.197		
6,800.00	6,551.83	6,457.83	6,457.83	37.82	223.72	175.71	1,478.72	-276.41	3,111.84	2,855.80	256.05	12.153		
6,850.00	6,600.62	6,506.62	6,506.62	38.05	225.42	155.52	1,478.72	-276.41	3,122.42	2,864.45	257.97	12.104		
6,900.00	6,649.47	6,555.47	6,555.47	38.25	227.13	134.53	1,478.72	-276.41	3,131.15	2,871.27	259.88	12.048		
6,950.00	6,698.08	6,604.08	6,604.08	38.42	228.83	117.21	1,478.72	-276.41	3,138.00	2,876.22	261.78	11.987		
7,000.00	6,746.15	6,652.15	6,652.15	38.57	230.50	104.85	1,478.72	-276.41	3,142.96	2,879.31	263.65	11.921		
7,050.00	6,793.39	6,700.61	6,699.39	38.71	232.20	96.45	1,478.72	-276.41	3,146.03	2,880.50	265.53	11.848		
7,100.00	6,839.50	6,745.50	6,745.50	38.84	233.76	90.77	1,478.72	-276.41	3,147.25	2,879.97	267.28	11.775		
7,150.00	6,884.20	6,809.80	6,790.20	38.97	236.01	86.92	1,478.72	-276.41	3,146.67	2,876.96	269.70	11.667		
7,200.00	6,927.21	6,833.21	6,833.21	39.11	236.83	84.34	1,478.72	-276.41	3,144.35	2,873.64	270.71	11.615		
7,250.00	6,968.28	6,874.28	6,874.28	39.25	238.26	82.68	1,478.72	-276.41	3,140.39	2,868.05	272.34	11.531		
7,300.00	7,007.13	6,913.13	6,913.13	39.41	239.61	81.70	1,478.72	-276.41	3,134.87	2,860.96	273.91	11.445		
7,350.00	7,043.55	6,949.55	6,949.55	39.58	240.89	81.24	1,478.72	-276.41	3,127.92	2,852.51	275.42	11.357		
7,400.00	7,077.29	6,983.29	6,983.29	39.77	242.06	81.20	1,478.72	-276.41	3,119.66	2,842.80	276.86	11.268		
7,450.00	7,108.16	7,014.16	7,014.16	39.98	243.14	81.49	1,478.72	-276.41	3,110.21	2,831.98	278.23	11.178		
7,500.00	7,135.96	7,041.96	7,041.96	40.22	244.11	82.04	1,478.72	-276.41	3,099.72	2,820.17	279.55	11.088		
7,550.00	7,160.53	7,066.53	7,066.53	40.49	244.97	82.81	1,478.72	-276.41	3,088.32	2,807.53	280.79	10.999		
7,600.00	7,181.70	7,087.70	7,087.70	40.79	245.71	83.74	1,478.72	-276.41	3,076.15	2,794.18	281.97	10.909		
7,650.00	7,199.35	7,105.35	7,105.35	41.13	246.32	84.81	1,478.72	-276.41	3,063.36	2,780.28	283.08	10.822		
7,700.00	7,213.38	7,119.38	7,119.38	41.51	246.81	85.96	1,478.72	-276.41	3,050.06	2,765.94	284.12	10.735		
7,750.00	7,223.68	7,129.68	7,129.68	41.93	247.17	87.18	1,478.72	-276.41	3,036.40	2,751.32	285.08	10.651		
7,800.00	7,230.21	7,136.21	7,136.21	42.38	247.40	88.45	1,478.72	-276.41	3,022.48	2,736.53	285.95	10.570		
7,850.00	7,232.92	7,138.92	7,138.92	42.87	247.50	89.73	1,478.72	-276.41	3,008.43	2,721.69	286.73	10.492		
7,858.69	7,233.00	7,139.00	7,139.00	42.95	247.50	89.96	1,478.72	-276.41	3,005.97	2,719.12	286.86	10.479		
7,900.00	7,233.10	7,139.10	7,139.10	43.38	247.50	89.96	1,478.72	-276.41	2,994.58	2,707.12	287.47	10.417		
8,000.00	7,233.35	7,139.35	7,139.35	44.56	247.51	89.97	1,478.72	-276.41	2,969.21	2,680.14	289.07	10.272		
8,100.00	7,233.60	7,139.60	7,139.60	45.91	247.52	89.97	1,478.72	-276.41	2,947.01	2,656.17	290.84	10.133		
8,200.00	7,233.85	7,139.85	7,139.85	47.41	247.53	89.97	1,478.72	-276.41	2,928.06	2,635.30	292.77	10.001		
8,300.00	7,234.10	7,140.10	7,140.10	49.05	247.54	89.98	1,478.72	-276.41	2,912.43	2,617.61	294.81	9.879		
8,400.00	7,234.35	7,140.35	7,140.35	50.81	247.55	89.98	1,478.72	-276.41	2,900.15	2,603.19	296.97	9.766		
8,500.00	7,234.59	7,140.59	7,140.59	52.68	247.55	89.99	1,478.72	-276.41	2,891.29	2,592.09	299.20	9.663		
8,600.00	7,234.84	7,140.84	7,140.84	54.65	247.56	89.99	1,478.72	-276.41	2,885.87	2,584.38	301.49	9.572		
8,700.00	7,235.09	7,141.09	7,141.09	56.70	247.57	90.00	1,478.72	-276.41	2,883.91	2,580.09	303.82	9.492		
8,706.64	7,235.11	7,141.11	7,141.11	56.84	247.57	90.00	1,478.72	-276.41	2,883.90	2,579.92	303.98	9.487		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.34	7,141.34	7,141.34	58.82	247.58	90.00	1,478.72	-276.41	2,885.41	2,579.24	306.16	9.424		
8,900.00	7,235.59	7,141.59	7,141.59	61.01	247.59	90.01	1,478.72	-276.41	2,890.37	2,581.86	308.51	9.369		
9,000.00	7,235.84	7,141.84	7,141.84	63.25	247.60	90.01	1,478.72	-276.41	2,898.78	2,587.94	310.84	9.326		
9,100.00	7,236.09	7,142.09	7,142.09	65.55	247.61	90.02	1,478.72	-276.41	2,910.60	2,597.46	313.14	9.295		
9,200.00	7,236.34	7,142.34	7,142.34	67.89	247.62	90.02	1,478.72	-276.41	2,925.79	2,610.40	315.39	9.277		
9,300.00	7,236.58	7,142.58	7,142.58	70.27	247.62	90.03	1,478.72	-276.41	2,944.31	2,626.72	317.59	9.271 SF		
9,400.00	7,236.83	7,142.83	7,142.83	72.69	247.63	90.03	1,478.72	-276.41	2,966.08	2,646.36	319.72	9.277		
9,500.00	7,237.08	7,143.08	7,143.08	75.14	247.64	90.04	1,478.72	-276.41	2,991.03	2,669.26	321.78	9.295		
9,600.00	7,237.33	7,143.33	7,143.33	77.62	247.65	90.04	1,478.72	-276.41	3,019.10	2,695.35	323.75	9.325		
9,700.00	7,237.58	7,143.58	7,143.58	80.12	247.66	90.05	1,478.72	-276.41	3,050.19	2,724.54	325.65	9.367		
9,800.00	7,237.83	7,143.83	7,143.83	82.65	247.67	90.05	1,478.72	-276.41	3,084.20	2,756.75	327.45	9.419		
9,900.00	7,238.08	7,144.08	7,144.08	85.20	247.68	90.06	1,478.72	-276.41	3,121.05	2,791.89	329.16	9.482		
10,000.00	7,238.32	7,144.32	7,144.32	87.77	247.69	90.06	1,478.72	-276.41	3,160.64	2,829.85	330.79	9.555		
10,100.00	7,238.57	7,144.57	7,144.57	90.36	247.69	90.07	1,478.72	-276.41	3,202.86	2,870.54	332.32	9.638		
10,200.00	7,238.82	7,144.82	7,144.82	92.97	247.70	90.07	1,478.72	-276.41	3,247.61	2,913.85	333.76	9.730		
10,300.00	7,239.07	7,145.07	7,145.07	95.59	247.71	90.08	1,478.72	-276.41	3,294.79	2,959.68	335.11	9.832		
10,400.00	7,239.32	7,145.32	7,145.32	98.22	247.72	90.08	1,478.72	-276.41	3,344.30	3,007.92	336.38	9.942		
10,500.00	7,239.57	7,145.57	7,145.57	100.87	247.73	90.09	1,478.72	-276.41	3,396.03	3,058.46	337.56	10.060		
10,600.00	7,239.82	7,145.82	7,145.82	103.52	247.74	90.09	1,478.72	-276.41	3,449.88	3,111.21	338.67	10.187		
10,700.00	7,240.07	7,146.07	7,146.07	106.19	247.75	90.10	1,478.72	-276.41	3,505.76	3,166.06	339.70	10.320		
10,800.00	7,240.31	7,146.31	7,146.31	108.87	247.75	90.10	1,478.72	-276.41	3,563.57	3,222.92	340.65	10.461		
10,900.00	7,240.56	7,146.56	7,146.56	111.56	247.76	90.11	1,478.72	-276.41	3,623.21	3,281.68	341.54	10.609		
11,000.00	7,240.81	7,146.81	7,146.81	114.25	247.77	90.11	1,478.72	-276.41	3,684.61	3,342.25	342.36	10.762		
11,100.00	7,241.06	7,147.06	7,147.06	116.96	247.78	90.12	1,478.72	-276.41	3,747.67	3,404.55	343.12	10.922		
11,200.00	7,241.31	7,147.31	7,147.31	119.67	247.79	90.12	1,478.72	-276.41	3,812.31	3,468.49	343.82	11.088		
11,300.00	7,241.56	7,147.56	7,147.56	122.39	247.80	90.13	1,478.72	-276.41	3,878.45	3,533.98	344.46	11.259		
11,400.00	7,241.81	7,147.81	7,147.81	125.11	247.81	90.13	1,478.72	-276.41	3,946.01	3,600.95	345.06	11.436		
11,500.00	7,242.06	7,148.06	7,148.06	127.84	247.82	90.14	1,478.72	-276.41	4,014.93	3,669.32	345.61	11.617		
11,600.00	7,242.30	7,148.30	7,148.30	130.58	247.82	90.14	1,478.72	-276.41	4,085.14	3,739.03	346.11	11.803		
11,700.00	7,242.55	7,148.55	7,148.55	133.32	247.83	90.15	1,478.72	-276.41	4,156.56	3,809.99	346.58	11.993		
11,800.00	7,242.80	7,148.80	7,148.80	136.07	247.84	90.15	1,478.72	-276.41	4,229.15	3,882.15	347.00	12.188		
11,900.00	7,243.05	7,149.05	7,149.05	138.82	247.85	90.16	1,478.72	-276.41	4,302.83	3,955.44	347.39	12.386		
12,000.00	7,243.30	7,149.30	7,149.30	141.58	247.86	90.16	1,478.72	-276.41	4,377.56	4,029.81	347.75	12.588		
12,100.00	7,243.55	7,149.55	7,149.55	144.34	247.87	90.17	1,478.72	-276.41	4,453.28	4,105.20	348.08	12.794		
12,200.00	7,243.80	7,149.80	7,149.80	147.10	247.88	90.17	1,478.72	-276.41	4,529.94	4,181.56	348.38	13.003		
12,300.00	7,244.04	7,150.04	7,150.04	149.87	247.88	90.18	1,478.72	-276.41	4,607.50	4,258.85	348.65	13.215		
12,400.00	7,244.29	7,150.29	7,150.29	152.64	247.89	90.18	1,478.72	-276.41	4,685.90	4,337.01	348.90	13.431		
12,500.00	7,244.54	7,150.54	7,150.54	155.41	247.90	90.19	1,478.72	-276.41	4,765.12	4,415.99	349.13	13.649		
12,600.00	7,244.79	7,150.79	7,150.79	158.19	247.91	90.19	1,478.72	-276.41	4,845.10	4,495.77	349.33	13.870		
12,700.00	7,245.04	7,151.04	7,151.04	160.97	247.92	90.20	1,478.72	-276.41	4,925.82	4,576.30	349.52	14.093		
12,800.00	7,245.29	7,151.29	7,151.29	163.75	247.93	90.20	1,478.72	-276.41	5,007.23	4,657.54	349.69	14.319		
12,900.00	7,245.54	7,151.54	7,151.54	166.54	247.94	90.21	1,478.72	-276.41	5,089.31	4,739.46	349.85	14.547		
13,000.00	7,245.79	7,151.79	7,151.79	169.33	247.95	90.21	1,478.72	-276.41	5,172.01	4,822.03	349.99	14.778		
13,100.00	7,246.03	7,152.03	7,152.03	172.12	247.95	90.22	1,478.72	-276.41	5,255.32	4,905.21	350.11	15.010		
13,200.00	7,246.28	7,152.28	7,152.28	174.91	247.96	90.22	1,478.72	-276.41	5,339.20	4,988.97	350.23	15.245		
13,300.00	7,246.53	7,152.53	7,152.53	177.71	247.97	90.23	1,478.72	-276.41	5,423.63	5,073.29	350.33	15.481		
13,400.00	7,246.78	7,152.78	7,152.78	180.50	247.98	90.23	1,478.72	-276.41	5,508.57	5,158.15	350.42	15.720		
13,500.00	7,247.03	7,153.03	7,153.03	183.30	247.99	90.24	1,478.72	-276.41	5,594.02	5,243.51	350.51	15.960		
13,600.00	7,247.28	7,153.28	7,153.28	186.10	248.00	90.24	1,478.72	-276.41	5,679.94	5,329.36	350.58	16.202		
13,700.00	7,247.53	7,153.53	7,153.53	188.91	248.01	90.25	1,478.72	-276.41	5,766.31	5,415.67	350.65	16.445		
13,800.00	7,247.77	7,153.77	7,153.77	191.71	248.01	90.25	1,478.72	-276.41	5,853.12	5,502.42	350.70	16.690		
13,900.00	7,248.02	7,154.02	7,154.02	194.52	248.02	90.26	1,478.72	-276.41	5,940.35	5,589.59	350.76	16.936		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	7,154.27	7,154.27	197.32	248.03	90.26	1,478.72	-276.41	6,027.97	5,677.16	350.80	17.183		
14,100.00	7,248.52	7,154.52	7,154.52	200.13	248.04	90.27	1,478.72	-276.41	6,115.97	5,765.12	350.84	17.432		
14,200.00	7,248.77	7,154.77	7,154.77	202.94	248.05	90.27	1,478.72	-276.41	6,204.33	5,853.45	350.88	17.682		
14,300.00	7,249.02	7,155.02	7,155.02	205.76	248.06	90.28	1,478.72	-276.41	6,293.04	5,942.13	350.91	17.934		
14,400.00	7,249.27	7,155.27	7,155.27	208.57	248.07	90.28	1,478.72	-276.41	6,382.09	6,031.15	350.93	18.186		
14,500.00	7,249.52	7,155.52	7,155.52	211.38	248.08	90.29	1,478.72	-276.41	6,471.45	6,120.50	350.95	18.440		
14,600.00	7,249.76	7,155.76	7,155.76	214.20	248.08	90.29	1,478.72	-276.41	6,561.13	6,210.15	350.97	18.694		
14,700.00	7,250.01	7,156.01	7,156.01	217.02	248.09	90.30	1,478.72	-276.41	6,651.09	6,300.10	350.99	18.950		
14,800.00	7,250.26	7,156.26	7,156.26	219.84	248.10	90.30	1,478.72	-276.41	6,741.34	6,390.34	351.00	19.206		
14,900.00	7,250.51	7,156.51	7,156.51	222.65	248.11	90.31	1,478.72	-276.41	6,831.86	6,480.85	351.01	19.464		
15,000.00	7,250.76	7,156.76	7,156.76	225.48	248.12	90.31	1,478.72	-276.41	6,922.65	6,571.63	351.02	19.722		
15,100.00	7,251.01	7,157.01	7,157.01	228.30	248.13	90.32	1,478.72	-276.41	7,013.68	6,662.66	351.02	19.981		
15,200.00	7,251.26	7,157.26	7,157.26	231.12	248.14	90.32	1,478.72	-276.41	7,104.95	6,753.93	351.02	20.241		
15,300.00	7,251.50	7,157.50	7,157.50	233.94	248.15	90.33	1,478.72	-276.41	7,196.46	6,845.43	351.02	20.501		
15,400.00	7,251.75	7,157.75	7,157.75	236.77	248.15	90.33	1,478.72	-276.41	7,288.19	6,937.16	351.02	20.763		
15,500.00	7,252.00	7,158.00	7,158.00	239.59	248.16	90.34	1,478.72	-276.41	7,380.13	7,029.11	351.02	21.025		
15,600.00	7,252.25	7,158.25	7,158.25	242.42	248.17	90.34	1,478.72	-276.41	7,472.28	7,121.26	351.02	21.287		
15,700.00	7,252.50	7,158.50	7,158.50	245.24	248.18	90.35	1,478.72	-276.41	7,564.63	7,213.62	351.02	21.551		
15,800.00	7,252.75	7,158.75	7,158.75	248.07	248.19	90.35	1,478.72	-276.41	7,657.18	7,306.16	351.01	21.815		
15,900.00	7,253.00	7,159.00	7,159.00	250.90	248.20	90.36	1,478.72	-276.41	7,749.90	7,398.90	351.01	22.079		
16,000.00	7,253.25	7,159.25	7,159.25	253.73	248.21	90.36	1,478.72	-276.41	7,842.81	7,491.81	351.00	22.344		
16,100.00	7,253.49	7,159.49	7,159.49	256.56	248.21	90.37	1,478.72	-276.41	7,935.89	7,584.90	350.99	22.610		
16,200.00	7,253.74	7,159.74	7,159.74	259.39	248.22	90.37	1,478.72	-276.41	8,029.13	7,678.15	350.99	22.876		
16,300.00	7,253.99	7,159.99	7,159.99	262.22	248.23	90.38	1,478.72	-276.41	8,122.54	7,771.56	350.98	23.143		
16,400.00	7,254.24	7,160.24	7,160.24	265.05	248.24	90.38	1,478.72	-276.41	8,216.10	7,865.13	350.97	23.410		
16,500.00	7,254.49	7,160.49	7,160.49	267.88	248.25	90.39	1,478.72	-276.41	8,309.81	7,958.85	350.96	23.677		
16,600.00	7,254.74	7,160.74	7,160.74	270.72	248.26	90.39	1,478.72	-276.41	8,403.67	8,052.71	350.96	23.945		
16,700.00	7,254.99	7,160.99	7,160.99	273.55	248.27	90.39	1,478.72	-276.41	8,497.66	8,146.72	350.95	24.214		
16,800.00	7,255.24	7,161.24	7,161.24	276.38	248.28	90.40	1,478.72	-276.41	8,591.80	8,240.86	350.94	24.482		
16,900.00	7,255.48	7,161.48	7,161.48	279.22	248.28	90.40	1,478.72	-276.41	8,686.06	8,335.13	350.93	24.751		
17,000.00	7,255.73	7,161.73	7,161.73	282.05	248.29	90.41	1,478.72	-276.41	8,780.45	8,429.53	350.92	25.021		
17,100.00	7,255.98	7,161.98	7,161.98	284.89	248.30	90.41	1,478.72	-276.41	8,874.96	8,524.05	350.92	25.291		
17,200.00	7,256.23	7,162.23	7,162.23	287.73	248.31	90.42	1,478.72	-276.41	8,969.59	8,618.68	350.91	25.561		
17,300.00	7,256.48	7,162.48	7,162.48	290.56	248.32	90.42	1,478.72	-276.41	9,064.34	8,713.44	350.90	25.832		
17,400.00	7,256.73	7,162.73	7,162.73	293.40	248.33	90.43	1,478.72	-276.41	9,159.20	8,808.30	350.90	26.102		
17,500.00	7,256.98	7,162.98	7,162.98	296.24	248.34	90.43	1,478.72	-276.41	9,254.17	8,903.28	350.89	26.373		
17,600.00	7,257.22	7,163.22	7,163.22	299.07	248.34	90.44	1,478.72	-276.41	9,349.24	8,998.36	350.88	26.645		
17,700.00	7,257.47	7,163.47	7,163.47	301.91	248.35	90.44	1,478.72	-276.41	9,444.41	9,093.53	350.88	26.917		
17,800.00	7,257.72	7,163.72	7,163.72	304.75	248.36	90.45	1,478.72	-276.41	9,539.68	9,188.81	350.87	27.188		
17,900.00	7,257.97	7,163.97	7,163.97	307.59	248.37	90.45	1,478.72	-276.41	9,635.05	9,284.18	350.87	27.461		
18,000.00	7,258.22	7,164.22	7,164.22	310.43	248.38	90.46	1,478.72	-276.41	9,730.51	9,379.65	350.86	27.733		
18,100.00	7,258.47	7,164.47	7,164.47	313.27	248.39	90.46	1,478.72	-276.41	9,826.07	9,475.20	350.86	28.006		
18,200.00	7,258.72	7,164.72	7,164.72	316.11	248.40	90.47	1,478.72	-276.41	9,921.70	9,570.85	350.86	28.278		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	-126.53	-2,265.06	-3,057.70	3,805.29					
100.00	100.00	77.59	77.59	3.28	3.28	-126.53	-2,265.19	-3,057.71	3,805.36	3,798.79	6.57	579.295		
200.00	200.00	218.49	218.49	3.34	3.36	-126.54	-2,265.40	-3,057.01	3,805.05	3,798.35	6.70	568.229		
300.00	300.00	303.18	303.17	3.44	3.45	-126.54	-2,264.98	-3,056.63	3,804.39	3,797.50	6.90	551.415		
345.71	345.71	339.18	339.18	3.51	3.51	97.07	-2,264.77	-3,056.64	3,804.29	3,797.28	7.01	542.363		
400.00	399.98	381.94	381.93	3.60	3.57	97.09	-2,264.64	-3,056.71	3,804.44	3,797.27	7.17	530.569		
500.00	499.84	519.63	519.62	3.79	3.85	97.19	-2,264.14	-3,056.33	3,804.63	3,796.99	7.63	498.390		
501.18	501.01	520.44	520.43	3.79	3.85	97.19	-2,264.14	-3,056.32	3,804.63	3,796.99	7.64	498.107		
600.00	599.45	588.70	588.69	4.03	4.01	97.27	-2,263.85	-3,056.13	3,805.24	3,797.21	8.03	473.960		
700.00	698.70	722.57	722.55	4.30	4.36	97.50	-2,263.07	-3,055.66	3,806.16	3,797.51	8.66	439.754		
800.00	797.47	800.00	799.98	4.60	4.59	97.66	-2,262.47	-3,055.51	3,807.61	3,798.42	9.19	414.407		
900.00	895.62	913.01	912.99	4.94	4.94	97.94	-2,262.06	-3,055.07	3,809.72	3,799.84	9.88	385.559		
1,000.00	993.06	1,001.18	1,001.16	5.32	5.23	98.18	-2,261.98	-3,054.42	3,812.28	3,801.73	10.55	361.510		
1,100.00	1,089.64	1,091.78	1,091.76	5.73	5.53	98.46	-2,261.94	-3,053.90	3,815.64	3,804.37	11.26	338.746		
1,131.50	1,119.87	1,120.13	1,120.11	5.87	5.63	98.55	-2,261.93	-3,053.76	3,816.87	3,805.37	11.50	331.945		
1,200.00	1,185.51	1,181.68	1,181.65	6.18	5.85	98.81	-2,261.94	-3,053.52	3,819.73	3,807.71	12.02	317.749		
1,300.00	1,281.33	1,271.48	1,271.46	6.65	6.17	99.19	-2,261.97	-3,053.29	3,824.20	3,811.39	12.81	298.547		
1,400.00	1,377.14	1,361.24	1,361.22	7.13	6.50	99.57	-2,262.04	-3,053.21	3,829.03	3,815.41	13.62	281.111		
1,500.00	1,472.96	1,450.96	1,450.93	7.63	6.83	99.95	-2,262.15	-3,053.28	3,834.23	3,819.77	14.45	265.307		
1,600.00	1,568.78	1,550.27	1,550.24	8.14	7.20	100.37	-2,262.19	-3,053.53	3,839.72	3,824.39	15.34	250.374		
1,700.00	1,664.60	1,667.69	1,667.66	8.66	7.65	100.87	-2,261.34	-3,053.89	3,845.09	3,828.78	16.31	235.817		
1,800.00	1,760.41	1,770.87	1,770.83	9.19	8.06	101.31	-2,260.58	-3,053.64	3,850.20	3,832.97	17.23	223.431		
1,900.00	1,856.23	1,865.99	1,865.96	9.73	8.43	101.71	-2,260.04	-3,053.27	3,855.50	3,837.36	18.14	212.577		
2,000.00	1,952.05	1,960.93	1,960.89	10.27	8.80	102.12	-2,259.34	-3,053.02	3,861.03	3,841.98	19.05	202.687		
2,100.00	2,047.86	2,052.39	2,052.35	10.81	9.17	102.50	-2,258.70	-3,052.81	3,866.81	3,846.85	19.95	193.786		
2,200.00	2,143.68	2,144.04	2,144.00	11.36	9.54	102.89	-2,258.33	-3,052.60	3,872.93	3,852.07	20.87	185.618		
2,300.00	2,239.50	2,253.09	2,253.04	11.92	9.98	103.36	-2,256.90	-3,052.87	3,879.24	3,857.39	21.85	177.512		
2,400.00	2,335.32	2,391.26	2,391.18	12.47	10.54	103.96	-2,253.97	-3,052.57	3,885.01	3,862.04	22.97	169.149		
2,500.00	2,431.13	2,494.93	2,494.81	13.03	10.96	104.41	-2,251.57	-3,051.63	3,890.31	3,866.36	23.94	162.477		
2,600.00	2,526.95	2,571.24	2,571.10	13.59	11.27	104.73	-2,249.92	-3,051.00	3,895.97	3,871.16	24.81	157.041		
2,700.00	2,622.77	2,655.36	2,655.20	14.15	11.62	105.10	-2,247.88	-3,050.87	3,902.29	3,876.58	25.71	151.794		
2,800.00	2,718.59	2,754.62	2,754.43	14.72	12.03	105.53	-2,245.77	-3,050.66	3,908.93	3,882.26	26.67	146.551		
2,900.00	2,814.40	2,844.29	2,844.08	15.29	12.40	105.91	-2,243.92	-3,050.30	3,915.66	3,888.06	27.60	141.878		
3,000.00	2,910.22	2,928.68	2,928.46	15.85	12.75	106.27	-2,242.48	-3,050.20	3,922.98	3,894.47	28.50	137.634		
3,100.00	3,006.04	3,021.62	3,021.40	16.42	13.13	106.65	-2,241.74	-3,049.63	3,930.48	3,901.04	29.44	133.486		
3,200.00	3,101.85	3,086.32	3,086.10	16.99	13.40	106.91	-2,241.67	-3,049.41	3,938.71	3,908.45	30.26	130.148		
3,300.00	3,197.67	3,170.33	3,170.10	17.56	13.74	107.24	-2,241.67	-3,049.65	3,947.70	3,916.53	31.17	126.670		
3,400.00	3,293.49	3,243.52	3,243.30	18.14	14.05	107.54	-2,241.55	-3,050.15	3,957.18	3,925.16	32.02	123.591		
3,500.00	3,389.31	3,319.15	3,318.92	18.71	14.36	107.83	-2,242.35	-3,050.87	3,967.53	3,934.65	32.88	120.661		
3,600.00	3,485.12	3,426.97	3,426.73	19.28	14.81	108.25	-2,243.43	-3,051.64	3,977.83	3,943.94	33.89	117.367		
3,700.00	3,580.94	3,500.00	3,499.75	19.86	15.11	108.53	-2,244.18	-3,052.55	3,988.78	3,954.03	34.74	114.808		
3,800.00	3,676.76	3,638.82	3,638.55	20.43	15.69	109.06	-2,245.94	-3,053.66	3,999.68	3,963.78	35.90	111.417		
3,900.00	3,772.58	3,743.19	3,742.92	21.01	16.13	109.46	-2,246.03	-3,054.02	4,009.84	3,972.95	36.90	108.682		
4,000.00	3,868.39	3,831.01	3,830.74	21.58	16.50	109.80	-2,246.25	-3,054.46	4,020.40	3,982.58	37.82	106.314		
4,100.00	3,964.21	3,937.73	3,937.46	22.16	16.94	110.21	-2,246.62	-3,054.83	4,031.03	3,992.21	38.83	103.825		
4,200.00	4,060.03	4,044.56	4,044.28	22.74	17.39	110.62	-2,246.94	-3,054.91	4,041.58	4,001.75	39.83	101.459		
4,300.00	4,155.85	4,151.48	4,151.20	23.32	17.84	111.02	-2,247.20	-3,054.69	4,052.04	4,011.19	40.84	99.207		
4,400.00	4,251.66	4,258.49	4,258.22	23.89	18.29	111.42	-2,247.41	-3,054.18	4,062.41	4,020.55	41.85	97.059		
4,500.00	4,347.48	4,365.60	4,365.32	24.47	18.74	111.82	-2,247.56	-3,053.38	4,072.68	4,029.82	42.87	95.010		
4,600.00	4,443.30	4,472.80	4,472.52	25.05	19.19	112.21	-2,247.66	-3,052.29	4,082.86	4,038.98	43.88	93.053		
4,700.00	4,539.11	4,535.87	4,535.59	25.63	19.45	112.45	-2,247.56	-3,052.57	4,094.10	4,049.42	44.68	91.626		
4,800.00	4,634.93	4,629.05	4,628.77	26.21	19.85	112.80	-2,247.39	-3,052.15	4,105.04	4,059.42	45.63	89.968		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	4,730.75	4,683.25	4,682.97	26.79	20.07	113.00	-2,247.40	-3,052.33	4,116.91	4,070.53	46.39	88.755		
5,000.00	4,826.57	4,801.38	4,801.09	27.37	20.57	113.44	-2,247.21	-3,053.33	4,129.40	4,081.95	47.45	87.030		
5,100.00	4,922.38	4,877.29	4,877.00	27.95	20.89	113.73	-2,246.55	-3,053.98	4,141.81	4,093.50	48.31	85.740		
5,200.00	5,018.20	5,200.00	4,989.46	28.53	22.26	114.16	-2,245.48	-3,054.87	4,154.29	4,104.06	50.23	82.706		
5,300.00	5,114.02	5,072.75	5,072.44	29.11	21.72	114.46	-2,245.12	-3,055.21	4,166.80	4,116.57	50.23	82.950		
5,400.00	5,209.84	5,202.00	5,201.69	29.69	22.27	114.93	-2,244.88	-3,055.98	4,179.77	4,128.42	51.35	81.399		
5,500.00	5,305.65	5,268.31	5,268.00	30.27	22.55	115.18	-2,244.69	-3,056.20	4,192.55	4,140.39	52.16	80.382		
5,600.00	5,401.47	5,401.97	5,401.65	30.86	23.11	115.67	-2,243.77	-3,057.01	4,205.74	4,152.44	53.30	78.914		
5,700.00	5,497.29	5,471.93	5,471.61	31.44	23.41	115.92	-2,243.02	-3,057.23	4,218.61	4,164.49	54.12	77.949		
5,800.00	5,593.10	5,559.28	5,558.95	32.02	23.78	116.25	-2,241.80	-3,058.01	4,232.09	4,177.06	55.03	76.907		
5,900.00	5,688.92	5,647.19	5,646.85	32.60	24.15	116.58	-2,240.52	-3,058.85	4,245.80	4,189.86	55.94	75.901		
6,000.00	5,784.74	5,742.59	5,742.23	33.18	24.56	116.92	-2,239.68	-3,059.86	4,259.91	4,203.02	56.88	74.886		
6,100.00	5,880.56	5,873.42	5,873.05	33.76	25.11	117.40	-2,237.96	-3,060.73	4,273.73	4,215.72	58.01	73.674		
6,200.00	5,976.37	5,964.34	5,963.97	34.35	25.50	117.72	-2,237.10	-3,060.76	4,287.22	4,228.28	58.93	72.748		
6,300.00	6,072.19	6,063.53	6,063.15	34.93	25.92	118.07	-2,236.08	-3,061.06	4,301.08	4,241.18	59.90	71.809		
6,400.00	6,168.01	6,185.75	6,185.36	35.51	26.44	118.49	-2,235.75	-3,060.63	4,314.68	4,253.70	60.98	70.761		
6,500.00	6,263.83	6,252.77	6,252.38	36.09	26.72	118.72	-2,235.33	-3,060.39	4,328.36	4,266.58	61.78	70.064		
6,600.00	6,359.64	6,334.95	6,334.56	36.68	27.07	119.00	-2,234.90	-3,060.78	4,342.93	4,280.28	62.65	69.317		
6,700.00	6,455.46	6,443.20	6,442.81	37.26	27.53	119.37	-2,234.11	-3,060.83	4,357.19	4,293.53	63.66	68.444		
6,733.48	6,487.54	6,466.60	6,466.21	37.45	27.63	119.45	-2,234.03	-3,060.86	4,362.08	4,298.14	63.93	68.229		
6,750.00	6,503.41	6,478.18	6,477.79	37.55	27.68	115.63	-2,234.01	-3,060.89	4,364.31	4,300.24	64.07	68.123		
6,800.00	6,551.83	6,527.49	6,527.10	37.82	27.89	100.92	-2,234.04	-3,061.06	4,368.62	4,304.09	64.53	67.702		
6,850.00	6,600.62	6,599.78	6,599.39	38.05	28.19	81.75	-2,233.92	-3,061.07	4,368.95	4,303.87	65.08	67.129		
6,900.00	6,649.47	6,637.13	6,636.74	38.25	28.35	61.38	-2,233.87	-3,061.02	4,365.41	4,299.98	65.43	66.719		
6,950.00	6,698.08	6,733.69	6,665.92	38.42	28.76	44.36	-2,233.87	-3,061.00	4,358.18	4,292.19	65.99	66.044		
7,000.00	6,746.15	6,714.48	6,714.09	38.57	28.68	32.05	-2,234.24	-3,061.13	4,347.38	4,281.34	66.05	65.822		
7,050.00	6,793.39	6,761.83	6,761.44	38.71	28.88	23.41	-2,234.61	-3,061.25	4,332.89	4,266.53	66.37	65.288		
7,100.00	6,839.50	6,808.06	6,807.66	38.84	29.08	17.18	-2,234.97	-3,061.36	4,314.80	4,248.14	66.66	64.727		
7,150.00	6,884.20	6,852.88	6,852.49	38.97	29.27	12.50	-2,235.32	-3,061.48	4,293.20	4,226.27	66.93	64.140		
7,200.00	6,927.21	6,896.03	6,895.63	39.11	29.45	8.77	-2,235.66	-3,061.59	4,268.23	4,201.04	67.19	63.527		
7,250.00	6,968.28	6,937.23	6,936.83	39.25	29.62	5.63	-2,235.98	-3,061.69	4,240.05	4,172.62	67.42	62.888		
7,300.00	7,007.13	6,976.23	6,975.82	39.41	29.79	2.83	-2,236.29	-3,061.79	4,208.81	4,141.18	67.64	62.226		
7,350.00	7,043.55	7,012.78	7,012.38	39.58	29.94	0.17	-2,236.57	-3,061.89	4,174.72	4,106.89	67.84	61.542		
7,400.00	7,077.29	7,046.68	7,046.27	39.77	30.09	-2.52	-2,236.83	-3,061.97	4,137.99	4,069.97	68.02	60.837		
7,450.00	7,108.16	7,077.69	7,077.29	39.98	30.22	-5.41	-2,237.08	-3,062.05	4,098.83	4,030.65	68.18	60.115		
7,500.00	7,135.96	7,105.64	7,105.24	40.22	30.34	-8.70	-2,237.29	-3,062.12	4,057.50	3,989.17	68.33	59.377		
7,550.00	7,160.53	7,130.36	7,129.95	40.49	30.44	-12.68	-2,237.49	-3,062.18	4,014.25	3,945.78	68.47	58.626		
7,600.00	7,181.70	7,151.68	7,151.27	40.79	30.53	-17.76	-2,237.65	-3,062.24	3,969.36	3,900.76	68.60	57.864		
7,650.00	7,199.35	7,169.48	7,169.07	41.13	30.61	-24.55	-2,237.79	-3,062.28	3,923.09	3,854.38	68.71	57.095		
7,700.00	7,213.38	7,183.64	7,183.24	41.51	30.67	-34.00	-2,237.90	-3,062.32	3,875.75	3,806.94	68.81	56.322		
7,750.00	7,223.68	7,194.09	7,193.68	41.93	30.71	-47.30	-2,237.98	-3,062.35	3,827.63	3,758.72	68.91	55.547		
7,800.00	7,230.21	7,200.76	7,200.35	42.38	30.74	-64.99	-2,238.04	-3,062.36	3,779.04	3,710.04	68.99	54.773		
7,850.00	7,232.92	7,203.60	7,203.19	42.87	30.75	-84.94	-2,238.06	-3,062.37	3,730.28	3,661.20	69.07	54.004		
7,858.69	7,233.00	7,203.70	7,203.29	42.95	30.75	-88.31	-2,238.06	-3,062.37	3,721.81	3,652.72	69.09	53.871		
7,900.00	7,233.10	7,203.90	7,203.50	43.38	30.76	-88.33	-2,238.06	-3,062.37	3,681.57	3,612.42	69.15	53.240		
8,000.00	7,233.35	7,204.41	7,204.00	44.56	30.76	-88.36	-2,238.06	-3,062.37	3,584.28	3,514.95	69.32	51.703		
8,100.00	7,233.60	7,204.91	7,204.50	45.91	30.76	-88.39	-2,238.07	-3,062.37	3,487.14	3,417.61	69.52	50.157		
8,200.00	7,233.85	7,205.41	7,205.00	47.41	30.76	-88.43	-2,238.07	-3,062.38	3,390.16	3,320.41	69.75	48.602		
8,300.00	7,234.10	7,205.91	7,205.50	49.05	30.76	-88.46	-2,238.08	-3,062.38	3,293.36	3,223.35	70.02	47.036		
8,400.00	7,234.35	7,206.41	7,206.00	50.81	30.77	-88.50	-2,238.08	-3,062.38	3,196.77	3,126.45	70.32	45.461		
8,500.00	7,234.59	7,206.91	7,206.50	52.68	30.77	-88.53	-2,238.08	-3,062.38	3,100.38	3,029.72	70.66	43.875		
8,600.00	7,234.84	7,207.41	7,207.01	54.65	30.77	-88.57	-2,238.09	-3,062.38	3,004.24	2,933.18	71.06	42.279		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,235.09	7,207.92	7,207.51	56.70	30.77	-88.60	-2,238.09	-3,062.38	2,908.35	2,836.85	71.50	40.674		
8,800.00	7,235.34	7,208.42	7,208.01	58.82	30.77	-88.63	-2,238.10	-3,062.38	2,812.75	2,740.74	72.01	39.058		
8,900.00	7,235.59	7,208.92	7,208.51	61.01	30.78	-88.67	-2,238.10	-3,062.38	2,717.47	2,644.87	72.59	37.434		
9,000.00	7,235.84	7,209.42	7,209.01	63.25	30.78	-88.70	-2,238.10	-3,062.39	2,622.53	2,549.28	73.25	35.801		
9,100.00	7,236.09	7,209.92	7,209.51	65.55	30.78	-88.74	-2,238.11	-3,062.39	2,527.99	2,453.99	74.00	34.162		
9,200.00	7,236.34	7,210.42	7,210.01	67.89	30.78	-88.77	-2,238.11	-3,062.39	2,433.89	2,359.04	74.85	32.516		
9,300.00	7,236.58	7,210.92	7,210.52	70.27	30.79	-88.80	-2,238.12	-3,062.39	2,340.27	2,264.45	75.82	30.867		
9,400.00	7,236.83	7,211.43	7,211.02	72.69	30.79	-88.84	-2,238.12	-3,062.39	2,247.20	2,170.29	76.92	29.216		
9,500.00	7,237.08	7,211.93	7,211.52	75.14	30.79	-88.87	-2,238.12	-3,062.39	2,154.76	2,076.59	78.16	27.567		
9,600.00	7,237.33	7,212.43	7,212.02	77.62	30.79	-88.91	-2,238.13	-3,062.39	2,063.02	1,983.44	79.58	25.924		
9,700.00	7,237.58	7,212.93	7,212.52	80.12	30.79	-88.94	-2,238.13	-3,062.39	1,972.08	1,890.89	81.19	24.290		
9,800.00	7,237.83	7,213.43	7,213.02	82.65	30.80	-88.98	-2,238.14	-3,062.40	1,882.06	1,799.04	83.02	22.671		
9,900.00	7,238.08	7,213.93	7,213.52	85.20	30.80	-89.01	-2,238.14	-3,062.40	1,793.10	1,708.01	85.09	21.072		
10,000.00	7,238.32	7,214.43	7,214.03	87.77	30.80	-89.04	-2,238.14	-3,062.40	1,705.36	1,617.92	87.45	19.502		
10,100.00	7,238.57	7,214.94	7,214.53	90.36	30.80	-89.08	-2,238.15	-3,062.40	1,619.05	1,528.93	90.12	17.966		
10,200.00	7,238.82	7,215.44	7,215.03	92.97	30.80	-89.11	-2,238.15	-3,062.40	1,534.40	1,441.26	93.14	16.474		
10,300.00	7,239.07	7,215.94	7,215.53	95.59	30.81	-89.15	-2,238.15	-3,062.40	1,451.70	1,355.14	96.56	15.035		
10,400.00	7,239.32	7,216.44	7,216.03	98.22	30.81	-89.18	-2,238.16	-3,062.40	1,371.31	1,270.90	100.41	13.658		
10,500.00	7,239.57	7,216.94	7,216.53	100.87	30.81	-89.22	-2,238.16	-3,062.41	1,293.65	1,188.93	104.72	12.353		
10,600.00	7,239.82	7,217.44	7,217.03	103.52	30.81	-89.25	-2,238.17	-3,062.41	1,219.26	1,109.72	109.54	11.131		
10,700.00	7,240.07	7,217.94	7,217.54	106.19	30.81	-89.28	-2,238.17	-3,062.41	1,148.76	1,033.90	114.85	10.002		
10,800.00	7,240.31	7,218.45	7,218.04	108.87	30.82	-89.32	-2,238.17	-3,062.41	1,082.91	962.26	120.65	8.976		
10,900.00	7,240.56	7,218.95	7,218.54	111.56	30.82	-89.35	-2,238.18	-3,062.41	1,022.62	895.78	126.84	8.062		
11,000.00	7,240.81	7,219.45	7,219.04	114.25	30.82	-89.39	-2,238.18	-3,062.41	968.92	835.62	133.29	7.269		
11,100.00	7,241.06	7,219.95	7,219.54	116.96	30.82	-89.42	-2,238.19	-3,062.41	922.96	783.19	139.76	6.604		
11,200.00	7,241.31	7,220.45	7,220.04	119.67	30.83	-89.46	-2,238.19	-3,062.41	885.95	740.02	145.93	6.071		
11,300.00	7,241.56	7,220.95	7,220.54	122.39	30.83	-89.49	-2,238.19	-3,062.42	859.04	707.66	151.38	5.675		
11,400.00	7,241.81	7,221.45	7,221.05	125.11	30.83	-89.52	-2,238.20	-3,062.42	843.21	687.50	155.71	5.415		
11,484.76	7,242.02	7,221.88	7,221.47	127.43	30.83	-89.55	-2,238.20	-3,062.42	838.94	680.70	158.23	5.302 CC		
11,500.00	7,242.06	7,221.96	7,221.55	127.84	30.83	-89.56	-2,238.20	-3,062.42	839.07	680.51	158.57	5.292 ES, SF		
11,600.00	7,242.30	7,222.46	7,222.05	130.58	30.83	-89.59	-2,238.21	-3,062.42	846.81	687.03	159.79	5.300		
11,700.00	7,242.55	7,222.96	7,222.55	133.32	30.84	-89.63	-2,238.21	-3,062.42	866.11	706.71	159.40	5.434		
11,800.00	7,242.80	7,223.46	7,223.05	136.07	30.84	-89.66	-2,238.21	-3,062.42	896.21	738.59	157.62	5.686		
11,900.00	7,243.05	7,223.96	7,223.55	138.82	30.84	-89.70	-2,238.22	-3,062.42	936.07	781.29	154.78	6.048		
12,000.00	7,243.30	7,224.46	7,224.05	141.58	30.84	-89.73	-2,238.22	-3,062.42	984.52	833.29	151.23	6.510		
12,100.00	7,243.55	7,224.96	7,224.55	144.34	30.84	-89.76	-2,238.22	-3,062.43	1,040.35	893.07	147.28	7.064		
12,200.00	7,243.80	7,225.47	7,225.06	147.10	30.85	-89.80	-2,238.23	-3,062.43	1,102.44	959.26	143.18	7.700		
12,300.00	7,244.04	7,225.97	7,225.56	149.87	30.85	-89.83	-2,238.23	-3,062.43	1,169.79	1,030.68	139.11	8.409		
12,400.00	7,244.29	7,226.47	7,226.06	152.64	30.85	-89.87	-2,238.24	-3,062.43	1,241.55	1,106.37	135.18	9.184		
12,500.00	7,244.54	7,226.97	7,226.56	155.41	30.85	-89.90	-2,238.24	-3,062.43	1,317.01	1,185.54	131.47	10.018		
12,600.00	7,244.79	7,227.47	7,227.06	158.19	30.86	-89.93	-2,238.24	-3,062.43	1,395.54	1,267.55	128.00	10.903		
12,700.00	7,245.04	7,227.97	7,227.56	160.97	30.86	-89.97	-2,238.25	-3,062.43	1,476.68	1,351.90	124.78	11.834		
12,800.00	7,245.29	7,228.47	7,228.06	163.75	30.86	-90.00	-2,238.25	-3,062.43	1,560.01	1,438.19	121.82	12.806		
12,900.00	7,245.54	7,228.98	7,228.57	166.54	30.86	-90.04	-2,238.26	-3,062.44	1,645.20	1,526.10	119.10	13.814		
13,000.00	7,245.79	7,229.48	7,229.07	169.33	30.86	-90.07	-2,238.26	-3,062.44	1,731.97	1,615.37	116.60	14.854		
13,100.00	7,246.03	7,229.98	7,229.57	172.12	30.87	-90.11	-2,238.26	-3,062.44	1,820.10	1,705.78	114.31	15.922		
13,200.00	7,246.28	7,230.48	7,230.07	174.91	30.87	-90.14	-2,238.27	-3,062.44	1,909.40	1,797.18	112.22	17.015		
13,300.00	7,246.53	7,230.98	7,230.57	177.71	30.87	-90.17	-2,238.27	-3,062.44	1,999.71	1,889.41	110.30	18.130		
13,400.00	7,246.78	7,231.48	7,231.07	180.50	30.87	-90.21	-2,238.28	-3,062.44	2,090.90	1,982.37	108.54	19.264		
13,500.00	7,247.03	7,231.98	7,231.57	183.30	30.87	-90.24	-2,238.28	-3,062.44	2,182.87	2,075.95	106.92	20.416		
13,600.00	7,247.28	7,232.49	7,232.08	186.10	30.88	-90.28	-2,238.28	-3,062.44	2,275.51	2,170.08	105.43	21.583		
13,700.00	7,247.53	7,232.99	7,232.58	188.91	30.88	-90.31	-2,238.29	-3,062.45	2,368.75	2,264.69	104.06	22.764		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.77	7,233.49	7,233.08	191.71	30.88	-90.35	-2,238.29	-3,062.45	2,462.52	2,359.73	102.79	23.957		
13,900.00	7,248.02	7,233.99	7,233.58	194.52	30.88	-90.38	-2,238.30	-3,062.45	2,556.77	2,455.15	101.62	25.160		
14,000.00	7,248.27	7,234.49	7,234.08	197.32	30.89	-90.41	-2,238.30	-3,062.45	2,651.43	2,550.89	100.54	26.372		
14,100.00	7,248.52	7,234.99	7,234.58	200.13	30.89	-90.45	-2,238.30	-3,062.45	2,746.48	2,646.94	99.54	27.593		
14,200.00	7,248.77	7,235.49	7,235.08	202.94	30.89	-90.48	-2,238.31	-3,062.45	2,841.86	2,743.25	98.61	28.820		
14,300.00	7,249.02	7,236.00	7,235.59	205.76	30.89	-90.52	-2,238.31	-3,062.45	2,937.55	2,839.81	97.74	30.054		
14,400.00	7,249.27	7,236.50	7,236.09	208.57	30.89	-90.55	-2,238.31	-3,062.45	3,033.52	2,936.58	96.94	31.294		
14,500.00	7,249.52	7,237.00	7,236.59	211.38	30.90	-90.59	-2,238.32	-3,062.46	3,129.74	3,033.55	96.19	32.538		
14,600.00	7,249.76	7,237.50	7,237.09	214.20	30.90	-90.62	-2,238.32	-3,062.46	3,226.19	3,130.70	95.49	33.786		
14,700.00	7,250.01	7,238.00	7,237.59	217.02	30.90	-90.65	-2,238.33	-3,062.46	3,322.85	3,228.01	94.84	35.038		
14,800.00	7,250.26	7,238.50	7,238.09	219.84	30.90	-90.69	-2,238.33	-3,062.46	3,419.70	3,325.48	94.23	36.293		
14,900.00	7,250.51	7,239.00	7,238.59	222.65	30.90	-90.72	-2,238.33	-3,062.46	3,516.73	3,423.08	93.65	37.550		
15,000.00	7,250.76	7,239.51	7,239.10	225.48	30.91	-90.76	-2,238.34	-3,062.46	3,613.92	3,520.80	93.12	38.809		
15,100.00	7,251.01	7,240.01	7,239.60	228.30	30.91	-90.79	-2,238.34	-3,062.46	3,711.26	3,618.64	92.62	40.070		
15,200.00	7,251.26	7,240.51	7,240.10	231.12	30.91	-90.82	-2,238.35	-3,062.47	3,808.74	3,716.59	92.15	41.332		
15,300.00	7,251.50	7,241.01	7,240.60	233.94	30.91	-90.86	-2,238.35	-3,062.47	3,906.34	3,814.64	91.71	42.596		
15,400.00	7,251.75	7,241.51	7,241.10	236.77	30.91	-90.89	-2,238.35	-3,062.47	4,004.07	3,912.77	91.29	43.859		
15,500.00	7,252.00	7,242.01	7,241.60	239.59	30.92	-90.93	-2,238.36	-3,062.47	4,101.90	4,011.00	90.90	45.124		
15,600.00	7,252.25	7,242.51	7,242.10	242.42	30.92	-90.96	-2,238.36	-3,062.47	4,199.83	4,109.30	90.54	46.388		
15,700.00	7,252.50	7,243.02	7,242.61	245.24	30.92	-91.00	-2,238.37	-3,062.47	4,297.86	4,207.67	90.19	47.652		
15,800.00	7,252.75	7,243.52	7,243.11	248.07	30.92	-91.03	-2,238.37	-3,062.47	4,395.98	4,306.11	89.87	48.916		
15,900.00	7,253.00	7,244.02	7,243.61	250.90	30.93	-91.06	-2,238.37	-3,062.47	4,494.18	4,404.62	89.56	50.180		
16,000.00	7,253.25	7,244.52	7,244.11	253.73	30.93	-91.10	-2,238.38	-3,062.48	4,592.46	4,503.19	89.27	51.442		
16,100.00	7,253.49	7,245.02	7,244.61	256.56	30.93	-91.13	-2,238.38	-3,062.48	4,690.81	4,601.81	89.00	52.704		
16,200.00	7,253.74	7,245.52	7,245.11	259.39	30.93	-91.17	-2,238.39	-3,062.48	4,789.23	4,700.49	88.75	53.965		
16,300.00	7,253.99	7,246.02	7,245.61	262.22	30.93	-91.20	-2,238.39	-3,062.48	4,887.72	4,799.21	88.51	55.225		
16,400.00	7,254.24	7,246.53	7,246.12	265.05	30.94	-91.24	-2,238.39	-3,062.48	4,986.26	4,897.98	88.28	56.483		
16,500.00	7,254.49	7,247.03	7,246.62	267.88	30.94	-91.27	-2,238.40	-3,062.48	5,084.86	4,996.80	88.07	57.740		
16,600.00	7,254.74	7,247.53	7,247.12	270.72	30.94	-91.30	-2,238.40	-3,062.48	5,183.52	5,095.65	87.86	58.995		
16,700.00	7,254.99	7,248.03	7,247.62	273.55	30.94	-91.34	-2,238.40	-3,062.48	5,282.22	5,194.55	87.67	60.249		
16,800.00	7,255.24	7,248.53	7,248.12	276.38	30.94	-91.37	-2,238.41	-3,062.49	5,380.98	5,293.48	87.49	61.500		
16,900.00	7,255.48	7,249.03	7,248.62	279.22	30.95	-91.41	-2,238.41	-3,062.49	5,479.77	5,392.45	87.33	62.750		
17,000.00	7,255.73	7,249.53	7,249.12	282.05	30.95	-91.44	-2,238.42	-3,062.49	5,578.61	5,491.45	87.17	63.998		
17,100.00	7,255.98	7,250.04	7,249.63	284.89	30.95	-91.48	-2,238.42	-3,062.49	5,677.50	5,590.48	87.02	65.244		
17,200.00	7,256.23	7,250.54	7,250.13	287.73	30.95	-91.51	-2,238.42	-3,062.49	5,776.42	5,689.54	86.88	66.488		
17,300.00	7,256.48	7,251.04	7,250.63	290.56	30.96	-91.54	-2,238.43	-3,062.49	5,875.37	5,788.62	86.75	67.730		
17,400.00	7,256.73	7,251.54	7,251.13	293.40	30.96	-91.58	-2,238.43	-3,062.49	5,974.36	5,887.74	86.62	68.969		
17,500.00	7,256.98	7,252.04	7,251.63	296.24	30.96	-91.61	-2,238.44	-3,062.49	6,073.39	5,986.88	86.51	70.206		
17,600.00	7,257.22	7,252.54	7,252.13	299.07	30.96	-91.65	-2,238.44	-3,062.50	6,172.44	6,086.04	86.40	71.440		
17,700.00	7,257.47	7,253.04	7,252.63	301.91	30.96	-91.68	-2,238.44	-3,062.50	6,271.53	6,185.23	86.30	72.672		
17,800.00	7,257.72	7,253.54	7,253.13	304.75	30.97	-91.71	-2,238.45	-3,062.50	6,370.64	6,284.44	86.20	73.902		
17,900.00	7,257.97	7,254.05	7,253.64	307.59	30.97	-91.75	-2,238.45	-3,062.50	6,469.78	6,383.67	86.12	75.129		
18,000.00	7,258.22	7,254.55	7,254.14	310.43	30.97	-91.78	-2,238.46	-3,062.50	6,568.95	6,482.92	86.03	76.353		
18,100.00	7,258.47	7,255.05	7,254.64	313.27	30.97	-91.82	-2,238.46	-3,062.50	6,668.14	6,582.19	85.96	77.575		
18,200.00	7,258.72	7,255.55	7,255.14	316.11	30.97	-91.85	-2,238.46	-3,062.50	6,767.36	6,681.47	85.89	78.793		
18,300.00	7,258.97	7,256.05	7,255.64	318.95	30.98	-91.89	-2,238.47	-3,062.50	6,866.60	6,780.78	85.82	80.009		
18,400.00	7,259.21	7,256.55	7,256.14	321.79	30.98	-91.92	-2,238.47	-3,062.51	6,965.86	6,880.10	85.76	81.223		
18,500.00	7,259.46	7,257.05	7,256.64	324.63	30.98	-91.95	-2,238.48	-3,062.51	7,065.14	6,979.43	85.71	82.433		
18,600.00	7,259.71	7,257.56	7,257.15	327.48	30.98	-91.99	-2,238.48	-3,062.51	7,164.44	7,078.78	85.66	83.640		
18,700.00	7,259.96	7,258.06	7,257.65	330.32	30.99	-92.02	-2,238.48	-3,062.51	7,263.76	7,178.15	85.61	84.845		
18,800.00	7,260.21	7,258.56	7,258.15	333.16	30.99	-92.06	-2,238.49	-3,062.51	7,363.10	7,277.53	85.57	86.046		
18,900.00	7,260.46	7,259.06	7,258.65	336.00	30.99	-92.09	-2,238.49	-3,062.51	7,462.46	7,376.92	85.53	87.245		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - Jeff #1 - OH - OH												<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-GYRO-NS													
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
19,000.00	7,260.71	7,259.56	7,259.15	338.85	30.99	-92.12	-2,238.49	-3,062.51	7,561.83	7,476.33	85.50	88.440	
19,100.00	7,260.95	7,260.06	7,259.65	341.69	30.99	-92.16	-2,238.50	-3,062.51	7,661.22	7,575.74	85.47	89.632	
19,118.22	7,261.00	7,260.15	7,259.74	342.21	30.99	-92.17	-2,238.50	-3,062.52	7,679.33	7,593.86	85.47	89.849	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	5.49	5.49	3.28	3.28	-119.73	-968.63	-1,696.19	1,953.28					
100.00	100.00	115.25	115.25	3.28	3.29	-119.72	-968.33	-1,696.01	1,953.01	1,946.43	6.57	297.070		
200.00	200.00	213.94	213.94	3.34	3.35	-119.73	-968.25	-1,695.53	1,952.54	1,945.85	6.69	291.789		
300.00	300.00	310.73	310.72	3.44	3.47	-119.74	-968.40	-1,695.02	1,952.16	1,945.25	6.91	282.507		
327.23	327.23	336.68	336.68	3.48	3.50	103.86	-968.45	-1,694.91	1,952.12	1,945.14	6.98	279.498		
400.00	399.98	406.49	406.49	3.60	3.62	103.89	-968.65	-1,694.69	1,952.41	1,945.19	7.21	270.620		
500.00	499.84	509.01	509.01	3.79	3.82	104.01	-968.82	-1,694.42	1,953.52	1,945.91	7.61	256.658		
600.00	599.45	606.02	606.01	4.03	4.05	104.21	-968.81	-1,694.27	1,955.52	1,947.45	8.07	242.190		
700.00	698.70	693.43	693.42	4.30	4.28	104.46	-968.77	-1,694.54	1,958.80	1,950.22	8.58	228.396		
800.00	797.47	788.96	788.95	4.60	4.56	104.80	-968.93	-1,695.13	1,963.43	1,954.27	9.16	214.439		
900.00	895.62	893.68	893.67	4.94	4.88	105.25	-969.10	-1,695.69	1,969.01	1,959.19	9.82	200.549		
1,000.00	993.06	991.87	991.86	5.32	5.19	105.76	-968.92	-1,696.14	1,975.51	1,964.99	10.51	187.938		
1,100.00	1,089.64	1,094.30	1,094.29	5.73	5.54	106.36	-968.86	-1,696.37	1,983.08	1,971.81	11.27	176.007		
1,131.50	1,119.87	1,123.01	1,123.00	5.87	5.64	106.53	-968.89	-1,696.37	1,985.70	1,974.19	11.50	172.637		
1,200.00	1,185.51	1,183.77	1,183.76	6.18	5.85	107.01	-969.15	-1,696.39	1,991.73	1,979.71	12.02	165.715		
1,300.00	1,281.33	1,267.95	1,267.93	6.65	6.15	107.66	-969.65	-1,696.71	2,001.22	1,988.44	12.78	156.585		
1,400.00	1,377.14	1,361.23	1,361.21	7.13	6.49	108.39	-969.94	-1,697.69	2,011.54	1,997.94	13.60	147.933		
1,500.00	1,472.96	1,469.15	1,469.12	7.63	6.90	109.21	-970.77	-1,698.28	2,021.96	2,007.47	14.49	139.531		
1,600.00	1,568.78	1,579.29	1,579.26	8.14	7.31	110.04	-971.42	-1,698.08	2,032.01	2,016.60	15.41	131.857		
1,700.00	1,664.60	1,683.71	1,683.68	8.66	7.72	110.81	-971.82	-1,697.35	2,041.86	2,025.54	16.32	125.103		
1,800.00	1,760.41	1,761.55	1,761.52	9.19	8.02	111.39	-971.90	-1,697.00	2,052.20	2,035.06	17.13	119.772		
1,900.00	1,856.23	1,847.36	1,847.32	9.73	8.35	112.03	-971.99	-1,697.54	2,063.79	2,045.80	17.99	114.744		
2,000.00	1,952.05	1,946.82	1,946.79	10.27	8.75	112.76	-972.53	-1,697.94	2,075.68	2,056.78	18.90	109.812		
2,100.00	2,047.86	2,048.76	2,048.72	10.81	9.15	113.49	-973.04	-1,698.19	2,087.74	2,067.90	19.84	105.254		
2,200.00	2,143.68	2,146.57	2,146.53	11.36	9.54	114.18	-973.51	-1,698.08	2,099.78	2,079.02	20.76	101.167		
2,300.00	2,239.50	2,236.57	2,236.53	11.92	9.91	114.83	-973.58	-1,698.29	2,112.33	2,090.68	21.64	97.590		
2,400.00	2,335.32	2,330.95	2,330.91	12.47	10.29	115.49	-973.89	-1,698.66	2,125.40	2,102.84	22.56	94.225		
2,500.00	2,431.13	2,431.94	2,431.90	13.03	10.70	116.18	-974.38	-1,698.82	2,138.61	2,115.11	23.50	91.001		
2,600.00	2,526.95	2,529.38	2,529.33	13.59	11.10	116.84	-974.87	-1,698.85	2,151.99	2,127.56	24.43	88.084		
2,700.00	2,622.77	2,628.01	2,627.97	14.15	11.50	117.51	-975.26	-1,698.80	2,165.58	2,140.21	25.37	85.365		
2,800.00	2,718.59	2,725.28	2,725.24	14.72	11.90	118.15	-975.61	-1,698.63	2,179.30	2,153.00	26.30	82.861		
2,900.00	2,814.40	2,819.66	2,819.62	15.29	12.29	118.76	-976.24	-1,698.50	2,193.42	2,166.20	27.22	80.580		
3,000.00	2,910.22	2,924.65	2,924.60	15.85	12.72	119.43	-976.92	-1,697.98	2,207.46	2,179.26	28.19	78.302		
3,100.00	3,006.04	3,012.79	3,012.74	16.42	13.09	120.00	-977.28	-1,697.70	2,221.88	2,192.80	29.08	76.400		
3,200.00	3,101.85	3,110.88	3,110.83	16.99	13.50	120.62	-977.57	-1,697.48	2,236.62	2,206.60	30.02	74.503		
3,300.00	3,197.67	3,195.77	3,195.72	17.56	13.85	121.15	-977.85	-1,697.48	2,251.84	2,220.94	30.89	72.889		
3,400.00	3,293.49	3,283.75	3,283.70	18.14	14.22	121.70	-978.12	-1,697.86	2,267.72	2,235.94	31.78	71.353		
3,500.00	3,389.31	3,384.09	3,384.03	18.71	14.63	122.31	-978.49	-1,698.40	2,283.96	2,251.23	32.73	69.779		
3,600.00	3,485.12	3,478.67	3,478.61	19.28	15.03	122.88	-978.97	-1,698.75	2,300.30	2,266.65	33.65	68.356		
3,700.00	3,580.94	3,567.13	3,567.07	19.86	15.40	123.41	-979.26	-1,699.27	2,317.07	2,282.53	34.54	67.084		
3,800.00	3,676.76	3,668.00	3,667.93	20.43	15.82	123.99	-979.97	-1,699.98	2,334.24	2,298.75	35.49	65.768		
3,900.00	3,772.58	3,767.90	3,767.82	21.01	16.24	124.55	-981.11	-1,700.27	2,351.28	2,314.84	36.44	64.526		
4,000.00	3,868.39	3,858.01	3,857.93	21.58	16.62	125.05	-982.13	-1,700.58	2,368.59	2,331.25	37.33	63.443		
4,100.00	3,964.21	3,943.98	3,943.90	22.16	16.98	125.53	-982.97	-1,701.21	2,386.45	2,348.24	38.21	62.464		
4,200.00	4,060.03	4,032.13	4,032.04	22.74	17.35	126.02	-983.44	-1,702.28	2,404.92	2,365.84	39.09	61.530		
4,300.00	4,155.85	4,126.42	4,126.32	23.32	17.75	126.54	-983.80	-1,703.56	2,423.73	2,383.73	40.00	60.596		
4,400.00	4,251.66	4,224.00	4,223.88	23.89	18.16	127.07	-983.97	-1,704.97	2,442.82	2,401.89	40.93	59.685		
4,500.00	4,347.48	4,340.34	4,340.21	24.47	18.64	127.73	-982.92	-1,706.15	2,461.61	2,419.65	41.96	58.664		
4,600.00	4,443.30	4,455.13	4,455.00	25.05	19.13	128.37	-981.64	-1,706.34	2,479.79	2,436.81	42.98	57.692		
4,700.00	4,539.11	4,554.93	4,554.79	25.63	19.54	128.91	-980.61	-1,705.97	2,497.69	2,453.76	43.92	56.866		
4,800.00	4,634.93	4,644.77	4,644.63	26.21	19.92	129.39	-980.20	-1,705.70	2,515.88	2,471.08	44.81	56.150		
4,900.00	4,730.75	4,745.69	4,745.55	26.79	20.34	129.92	-979.28	-1,705.62	2,534.48	2,488.73	45.75	55.398		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	4,826.57	4,846.66	4,846.51	27.37	20.77	130.45	-978.35	-1,704.96	2,552.72	2,506.03	46.69	54.670		
5,100.00	4,922.38	4,940.97	4,940.82	27.95	21.16	130.92	-978.05	-1,704.59	2,571.42	2,523.82	47.60	54.022		
5,200.00	5,018.20	5,038.18	5,038.02	28.53	21.57	131.40	-977.71	-1,703.89	2,589.98	2,541.46	48.52	53.378		
5,300.00	5,114.02	5,118.35	5,118.19	29.11	21.91	131.79	-977.22	-1,703.72	2,609.19	2,559.85	49.35	52.876		
5,400.00	5,209.84	5,208.52	5,208.36	29.69	22.29	132.24	-976.59	-1,703.85	2,628.94	2,578.72	50.22	52.344		
5,500.00	5,305.65	5,301.13	5,300.97	30.27	22.68	132.68	-975.90	-1,704.14	2,649.01	2,597.90	51.12	51.824		
5,600.00	5,401.47	5,396.38	5,396.22	30.86	23.08	133.14	-975.23	-1,704.49	2,669.32	2,617.30	52.02	51.311		
5,700.00	5,497.29	5,487.14	5,486.97	31.44	23.47	133.56	-974.73	-1,704.91	2,689.88	2,636.98	52.90	50.847		
5,800.00	5,593.10	5,590.65	5,590.48	32.02	23.91	134.03	-974.26	-1,705.37	2,710.58	2,656.73	53.86	50.330		
5,900.00	5,688.92	5,678.42	5,678.25	32.60	24.28	134.43	-973.88	-1,705.70	2,731.38	2,676.66	54.72	49.920		
6,000.00	5,784.74	5,777.21	5,777.03	33.18	24.69	134.87	-973.40	-1,706.25	2,752.50	2,696.85	55.64	49.470		
6,100.00	5,880.56	5,876.57	5,876.39	33.76	25.12	135.31	-972.86	-1,706.60	2,773.57	2,717.00	56.57	49.031		
6,200.00	5,976.37	5,964.97	5,964.79	34.35	25.49	135.69	-972.54	-1,706.96	2,794.83	2,737.40	57.43	48.666		
6,300.00	6,072.19	6,087.94	6,087.76	34.93	26.01	136.20	-972.34	-1,707.34	2,816.19	2,757.69	58.50	48.140		
6,400.00	6,168.01	6,169.18	6,169.00	35.51	26.36	136.54	-972.28	-1,707.15	2,837.11	2,777.79	59.32	47.830		
6,500.00	6,263.83	6,251.63	6,251.45	36.09	26.71	136.86	-972.51	-1,707.53	2,858.77	2,798.63	60.14	47.537		
6,600.00	6,359.64	6,333.21	6,333.02	36.68	27.05	137.17	-973.21	-1,708.23	2,880.91	2,819.96	60.95	47.265		
6,700.00	6,455.46	6,408.15	6,407.95	37.26	27.37	137.46	-973.78	-1,709.39	2,903.82	2,842.10	61.72	47.048		
6,733.48	6,487.54	6,436.33	6,436.13	37.45	27.49	137.56	-973.87	-1,709.93	2,911.64	2,849.64	62.00	46.964		
6,750.00	6,503.41	6,450.26	6,450.05	37.55	27.55	133.69	-973.87	-1,710.20	2,915.31	2,853.18	62.13	46.921		
6,800.00	6,551.83	6,492.70	6,492.48	37.82	27.73	118.83	-973.69	-1,711.08	2,923.96	2,861.43	62.53	46.759		
6,850.00	6,600.62	6,536.08	6,535.85	38.05	27.91	99.59	-973.26	-1,712.04	2,928.87	2,865.95	62.92	46.549		
6,900.00	6,649.47	6,579.65	6,579.40	38.25	28.10	79.37	-972.66	-1,713.06	2,930.00	2,866.71	63.28	46.300		
6,950.00	6,698.08	6,659.15	6,658.88	38.42	28.44	62.82	-971.21	-1,714.67	2,927.19	2,863.33	63.86	45.840		
7,000.00	6,746.15	6,728.74	6,728.44	38.57	28.73	51.03	-969.72	-1,715.18	2,919.85	2,855.52	64.33	45.388		
7,050.00	6,793.39	6,773.81	6,773.51	38.71	28.92	42.94	-968.94	-1,715.46	2,908.69	2,844.07	64.62	45.012		
7,100.00	6,839.50	6,818.49	6,818.19	38.84	29.11	32.44	-968.37	-1,715.79	2,893.85	2,828.97	64.88	44.601		
7,150.00	6,884.20	6,862.59	6,862.27	38.97	29.30	33.67	-967.76	-1,716.12	2,875.41	2,810.28	65.12	44.154		
7,200.00	6,927.21	6,905.54	6,905.22	39.11	29.48	31.08	-967.10	-1,716.44	2,853.47	2,788.13	65.34	43.673		
7,250.00	6,968.28	6,950.24	6,949.91	39.25	29.67	29.38	-966.29	-1,716.73	2,828.13	2,762.59	65.55	43.147		
7,300.00	7,007.13	6,992.40	6,992.07	39.41	29.85	28.35	-965.39	-1,716.94	2,799.55	2,733.82	65.73	42.594		
7,350.00	7,043.55	7,030.55	7,030.20	39.58	30.01	27.87	-964.50	-1,717.07	2,767.90	2,702.03	65.87	42.020		
7,400.00	7,077.29	7,065.60	7,065.24	39.77	30.16	27.89	-963.69	-1,717.18	2,733.41	2,667.42	65.99	41.422		
7,450.00	7,108.16	7,097.64	7,097.28	39.98	30.30	28.43	-962.94	-1,717.26	2,696.28	2,630.20	66.08	40.800		
7,500.00	7,135.96	7,125.48	7,125.11	40.22	30.42	29.50	-962.30	-1,717.33	2,656.77	2,590.61	66.15	40.161		
7,550.00	7,160.53	7,150.02	7,149.64	40.49	30.52	31.24	-961.73	-1,717.38	2,615.10	2,548.90	66.20	39.501		
7,600.00	7,181.70	7,171.19	7,170.80	40.79	30.61	33.84	-961.25	-1,717.43	2,571.54	2,505.31	66.24	38.822		
7,650.00	7,199.35	7,188.86	7,188.47	41.13	30.69	37.65	-960.84	-1,717.47	2,526.36	2,460.10	66.26	38.127		
7,700.00	7,213.38	7,202.92	7,202.53	41.51	30.75	43.26	-960.51	-1,717.50	2,479.82	2,413.54	66.27	37.418		
7,750.00	7,223.68	7,213.29	7,212.89	41.93	30.79	51.71	-960.27	-1,717.53	2,432.20	2,365.92	66.28	36.698		
7,800.00	7,230.21	7,219.90	7,219.50	42.38	30.82	64.59	-960.12	-1,717.54	2,383.79	2,317.52	66.27	35.969		
7,850.00	7,232.92	7,222.71	7,222.32	42.87	30.83	83.40	-960.06	-1,717.55	2,334.89	2,268.62	66.27	35.234		
7,858.69	7,233.00	7,222.81	7,222.42	42.95	30.83	87.25	-960.05	-1,717.55	2,326.36	2,260.09	66.27	35.106		
7,900.00	7,233.10	7,223.01	7,222.62	43.38	30.83	87.27	-960.05	-1,717.55	2,285.82	2,219.56	66.26	34.498		
8,000.00	7,233.35	7,223.50	7,223.10	44.56	30.84	87.33	-960.04	-1,717.55	2,187.80	2,121.54	66.25	33.022		
8,100.00	7,233.60	7,223.98	7,223.58	45.91	30.84	87.40	-960.03	-1,717.55	2,089.96	2,023.70	66.27	31.539		
8,200.00	7,233.85	7,224.47	7,224.07	47.41	30.84	87.46	-960.01	-1,717.55	1,992.34	1,926.04	66.30	30.049		
8,300.00	7,234.10	7,224.95	7,224.55	49.05	30.84	87.52	-960.00	-1,717.55	1,894.97	1,828.60	66.37	28.551		
8,400.00	7,234.35	7,225.43	7,225.03	50.81	30.84	87.59	-959.99	-1,717.56	1,797.89	1,731.41	66.48	27.044		
8,500.00	7,234.59	7,225.92	7,225.52	52.68	30.85	87.65	-959.98	-1,717.56	1,701.14	1,634.50	66.64	25.526		
8,600.00	7,234.84	7,226.40	7,226.00	54.65	30.85	87.71	-959.97	-1,717.56	1,604.79	1,537.92	66.87	23.997		
8,700.00	7,235.09	7,226.89	7,226.48	56.70	30.85	87.77	-959.96	-1,717.56	1,508.92	1,441.73	67.20	22.455		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,235.34	7,227.37	7,226.97	58.82	30.85	87.84	-959.95	-1,717.56	1,413.62	1,345.98	67.64	20.899		
8,900.00	7,235.59	7,227.85	7,227.45	61.01	30.86	87.90	-959.94	-1,717.56	1,319.02	1,250.78	68.24	19.329		
9,000.00	7,235.84	7,228.34	7,227.94	63.25	30.86	87.96	-959.93	-1,717.56	1,225.28	1,156.22	69.05	17.745		
9,100.00	7,236.09	7,228.82	7,228.42	65.55	30.86	88.02	-959.91	-1,717.56	1,132.60	1,062.46	70.14	16.148		
9,200.00	7,236.34	7,229.30	7,228.90	67.89	30.86	88.09	-959.90	-1,717.56	1,041.28	969.68	71.60	14.543		
9,300.00	7,236.58	7,229.79	7,229.39	70.27	30.86	88.15	-959.89	-1,717.57	951.71	878.16	73.55	12.939		
9,400.00	7,236.83	7,230.27	7,229.87	72.69	30.87	88.21	-959.88	-1,717.57	864.42	788.27	76.15	11.351		
9,500.00	7,237.08	7,230.76	7,230.35	75.14	30.87	88.27	-959.87	-1,717.57	780.20	700.60	79.60	9.802		
9,600.00	7,237.33	7,231.24	7,230.84	77.62	30.87	88.34	-959.86	-1,717.57	700.13	616.03	84.11	8.324		
9,700.00	7,237.58	7,231.72	7,231.32	80.12	30.87	88.40	-959.85	-1,717.57	625.83	535.94	89.89	6.962		
9,800.00	7,237.83	7,232.21	7,231.81	82.65	30.87	88.46	-959.84	-1,717.57	559.60	462.57	97.03	5.767		
9,900.00	7,238.08	7,232.69	7,232.29	85.20	30.88	88.52	-959.82	-1,717.57	504.61	399.38	105.22	4.796		
10,000.00	7,238.32	7,233.17	7,232.77	87.77	30.88	88.59	-959.81	-1,717.57	464.87	351.35	113.52	4.095		
10,100.00	7,238.57	7,233.66	7,233.26	90.36	30.88	88.65	-959.80	-1,717.57	444.50	324.33	120.17	3.699		
10,142.61	7,238.68	7,233.86	7,233.46	91.47	30.88	88.68	-959.80	-1,717.57	442.46	320.40	122.06	3.625 CC, ES		
10,200.00	7,238.82	7,234.14	7,233.74	92.97	30.88	88.71	-959.79	-1,717.58	446.16	322.69	123.47	3.614 SF		
10,300.00	7,239.07	7,234.63	7,234.22	95.59	30.88	88.78	-959.78	-1,717.58	469.61	346.68	122.94	3.820		
10,400.00	7,239.32	7,235.11	7,234.71	98.22	30.89	88.84	-959.77	-1,717.58	511.87	392.26	119.62	4.279		
10,500.00	7,239.57	7,235.59	7,235.19	100.87	30.89	88.90	-959.76	-1,717.58	568.76	453.76	115.00	4.946		
10,600.00	7,239.82	7,236.08	7,235.67	103.52	30.89	88.96	-959.75	-1,717.58	636.37	526.19	110.18	5.776		
10,700.00	7,240.07	7,236.56	7,236.16	106.19	30.89	89.03	-959.74	-1,717.58	711.65	605.93	105.71	6.732		
10,800.00	7,240.31	7,237.05	7,236.64	108.87	30.89	89.09	-959.72	-1,717.58	792.41	690.62	101.80	7.784		
10,900.00	7,240.56	7,237.53	7,237.13	111.56	30.90	89.15	-959.71	-1,717.58	877.15	778.71	98.44	8.911		
11,000.00	7,240.81	7,238.01	7,237.61	114.25	30.90	89.21	-959.70	-1,717.58	964.81	869.22	95.59	10.093		
11,100.00	7,241.06	7,238.50	7,238.09	116.96	30.90	89.28	-959.69	-1,717.59	1,054.67	961.50	93.18	11.319		
11,200.00	7,241.31	7,238.98	7,238.58	119.67	30.90	89.34	-959.68	-1,717.59	1,146.22	1,055.09	91.13	12.578		
11,300.00	7,241.56	7,239.46	7,239.06	122.39	30.90	89.40	-959.67	-1,717.59	1,239.06	1,149.69	89.38	13.864		
11,400.00	7,241.81	7,239.95	7,239.54	125.11	30.91	89.46	-959.66	-1,717.59	1,332.95	1,245.08	87.87	15.169		
11,500.00	7,242.06	7,240.43	7,240.03	127.84	30.91	89.53	-959.65	-1,717.59	1,427.66	1,341.09	86.57	16.491		
11,600.00	7,242.30	7,240.92	7,240.51	130.58	30.91	89.59	-959.63	-1,717.59	1,523.05	1,437.61	85.45	17.825		
11,700.00	7,242.55	7,241.40	7,241.00	133.32	30.91	89.65	-959.62	-1,717.59	1,619.00	1,534.54	84.46	19.168		
11,800.00	7,242.80	7,241.88	7,241.48	136.07	30.91	89.72	-959.61	-1,717.59	1,715.41	1,631.81	83.60	20.520		
11,900.00	7,243.05	7,242.37	7,241.96	138.82	30.92	89.78	-959.60	-1,717.59	1,812.21	1,729.37	82.84	21.877		
12,000.00	7,243.30	7,242.85	7,242.45	141.58	30.92	89.84	-959.59	-1,717.60	1,909.34	1,827.18	82.16	23.239		
12,100.00	7,243.55	7,243.33	7,242.93	144.34	30.92	89.90	-959.58	-1,717.60	2,006.75	1,925.19	81.56	24.605		
12,200.00	7,243.80	7,243.82	7,243.41	147.10	30.92	89.97	-959.57	-1,717.60	2,104.40	2,023.38	81.02	25.973		
12,300.00	7,244.04	7,244.30	7,243.90	149.87	30.93	90.03	-959.56	-1,717.60	2,202.27	2,121.73	80.54	27.344		
12,400.00	7,244.29	7,244.79	7,244.38	152.64	30.93	90.09	-959.55	-1,717.60	2,300.31	2,220.21	80.11	28.715		
12,500.00	7,244.54	7,245.27	7,244.86	155.41	30.93	90.15	-959.53	-1,717.60	2,398.52	2,318.81	79.72	30.088		
12,600.00	7,244.79	7,245.75	7,245.35	158.19	30.93	90.22	-959.52	-1,717.60	2,496.87	2,417.51	79.37	31.460		
12,700.00	7,245.04	7,246.24	7,245.83	160.97	30.93	90.28	-959.51	-1,717.60	2,595.35	2,516.30	79.05	32.833		
12,800.00	7,245.29	7,246.72	7,246.32	163.75	30.94	90.34	-959.50	-1,717.60	2,693.94	2,615.18	78.76	34.206		
12,900.00	7,245.54	7,247.21	7,246.80	166.54	30.94	90.40	-959.49	-1,717.61	2,792.63	2,714.13	78.49	35.578		
13,000.00	7,245.79	7,247.69	7,247.28	169.33	30.94	90.47	-959.48	-1,717.61	2,891.41	2,813.15	78.25	36.949		
13,100.00	7,246.03	7,248.17	7,247.77	172.12	30.94	90.53	-959.47	-1,717.61	2,990.27	2,912.23	78.04	38.319		
13,200.00	7,246.28	7,248.66	7,248.25	174.91	30.94	90.59	-959.46	-1,717.61	3,089.20	3,011.36	77.84	39.688		
13,300.00	7,246.53	7,249.14	7,248.73	177.71	30.95	90.65	-959.44	-1,717.61	3,188.20	3,110.55	77.66	41.055		
13,400.00	7,246.78	7,249.62	7,249.22	180.50	30.95	90.72	-959.43	-1,717.61	3,287.26	3,209.77	77.49	42.421		
13,500.00	7,247.03	7,250.11	7,249.70	183.30	30.95	90.78	-959.42	-1,717.61	3,386.38	3,309.04	77.34	43.785		
13,600.00	7,247.28	7,250.59	7,250.19	186.10	30.95	90.84	-959.41	-1,717.61	3,485.54	3,408.34	77.20	45.148		
13,700.00	7,247.53	7,251.08	7,250.67	188.91	30.95	90.90	-959.40	-1,717.61	3,584.76	3,507.68	77.08	46.508		
13,800.00	7,247.77	7,251.56	7,251.15	191.71	30.96	90.97	-959.39	-1,717.62	3,684.01	3,607.05	76.96	47.867		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	7,252.04	7,251.64	194.52	30.96	91.03	-959.38	-1,717.62	3,783.31	3,706.45	76.86	49.223		
14,000.00	7,248.27	7,252.53	7,252.12	197.32	30.96	91.09	-959.37	-1,717.62	3,882.64	3,805.87	76.77	50.578		
14,100.00	7,248.52	7,253.01	7,252.60	200.13	30.96	91.15	-959.36	-1,717.62	3,982.00	3,905.32	76.68	51.930		
14,200.00	7,248.77	7,253.49	7,253.09	202.94	30.96	91.22	-959.34	-1,717.62	4,081.39	4,004.79	76.60	53.280		
14,300.00	7,249.02	7,253.98	7,253.57	205.76	30.97	91.28	-959.33	-1,717.62	4,180.82	4,104.28	76.53	54.627		
14,400.00	7,249.27	7,254.46	7,254.05	208.57	30.97	91.34	-959.32	-1,717.62	4,280.27	4,203.80	76.47	55.972		
14,500.00	7,249.52	7,254.95	7,254.54	211.38	30.97	91.40	-959.31	-1,717.62	4,379.74	4,303.33	76.42	57.314		
14,600.00	7,249.76	7,255.43	7,255.02	214.20	30.97	91.47	-959.30	-1,717.62	4,479.24	4,402.87	76.37	58.654		
14,700.00	7,250.01	7,255.91	7,255.51	217.02	30.97	91.53	-959.29	-1,717.63	4,578.76	4,502.44	76.32	59.991		
14,800.00	7,250.26	7,256.40	7,255.99	219.84	30.98	91.59	-959.28	-1,717.63	4,678.30	4,602.02	76.29	61.325		
14,900.00	7,250.51	7,256.88	7,256.47	222.65	30.98	91.65	-959.27	-1,717.63	4,777.86	4,701.61	76.25	62.657		
15,000.00	7,250.76	7,257.37	7,256.96	225.48	30.98	91.72	-959.25	-1,717.63	4,877.44	4,801.21	76.23	63.986		
15,100.00	7,251.01	7,257.85	7,257.44	228.30	30.98	91.78	-959.24	-1,717.63	4,977.04	4,900.83	76.20	65.312		
15,200.00	7,251.26	7,258.33	7,257.92	231.12	30.99	91.84	-959.23	-1,717.63	5,076.65	5,000.46	76.19	66.635		
15,300.00	7,251.50	7,258.82	7,258.41	233.94	30.99	91.90	-959.22	-1,717.63	5,176.27	5,100.10	76.17	67.955		
15,400.00	7,251.75	7,259.30	7,258.89	236.77	30.99	91.97	-959.21	-1,717.63	5,275.91	5,199.75	76.16	69.273		
15,500.00	7,252.00	7,259.78	7,259.38	239.59	30.99	92.03	-959.20	-1,717.63	5,375.56	5,299.41	76.16	70.587		
15,600.00	7,252.25	7,260.27	7,259.86	242.42	30.99	92.09	-959.19	-1,717.64	5,475.23	5,399.08	76.15	71.898		
15,700.00	7,252.50	7,260.75	7,260.34	245.24	31.00	92.15	-959.18	-1,717.64	5,574.91	5,498.75	76.15	73.206		
15,800.00	7,252.75	7,261.24	7,260.83	248.07	31.00	92.22	-959.17	-1,717.64	5,674.60	5,598.44	76.16	74.511		
15,900.00	7,253.00	7,261.72	7,261.31	250.90	31.00	92.28	-959.15	-1,717.64	5,774.30	5,698.13	76.17	75.813		
16,000.00	7,253.25	7,262.20	7,261.79	253.73	31.00	92.34	-959.14	-1,717.64	5,874.01	5,797.83	76.18	77.111		
16,100.00	7,253.49	7,262.69	7,262.28	256.56	31.00	92.40	-959.13	-1,717.64	5,973.73	5,897.54	76.19	78.407		
16,200.00	7,253.74	7,263.17	7,262.76	259.39	31.01	92.47	-959.12	-1,717.64	6,073.45	5,997.25	76.21	79.699		
16,300.00	7,253.99	7,263.65	7,263.24	262.22	31.01	92.53	-959.11	-1,717.64	6,173.19	6,096.97	76.22	80.988		
16,400.00	7,254.24	7,264.14	7,263.73	265.05	31.01	92.59	-959.10	-1,717.64	6,272.94	6,196.69	76.25	82.273		
16,500.00	7,254.49	7,264.62	7,264.21	267.88	31.01	92.65	-959.09	-1,717.65	6,372.69	6,296.42	76.27	83.555		
16,600.00	7,254.74	7,265.11	7,264.70	270.72	31.01	92.72	-959.08	-1,717.65	6,472.45	6,396.16	76.30	84.834		
16,700.00	7,254.99	7,265.59	7,265.18	273.55	31.02	92.78	-959.06	-1,717.65	6,572.22	6,495.90	76.32	86.109		
16,800.00	7,255.24	7,266.07	7,265.66	276.38	31.02	92.84	-959.05	-1,717.65	6,672.00	6,595.64	76.36	87.381		
16,900.00	7,255.48	7,266.56	7,266.15	279.22	31.02	92.90	-959.04	-1,717.65	6,771.78	6,695.39	76.39	88.649		
17,000.00	7,255.73	7,267.04	7,266.63	282.05	31.02	92.97	-959.03	-1,717.65	6,871.57	6,795.14	76.42	89.914		
17,100.00	7,255.98	7,267.53	7,267.11	284.89	31.02	93.03	-959.02	-1,717.65	6,971.36	6,894.90	76.46	91.175		
17,200.00	7,256.23	7,268.01	7,267.60	287.73	31.03	93.09	-959.01	-1,717.65	7,071.16	6,994.66	76.50	92.433		
17,300.00	7,256.48	7,268.49	7,268.08	290.56	31.03	93.15	-959.00	-1,717.65	7,170.97	7,094.43	76.54	93.687		
17,400.00	7,256.73	7,268.98	7,268.57	293.40	31.03	93.21	-958.99	-1,717.66	7,270.78	7,194.19	76.58	94.938		
17,500.00	7,256.98	7,269.46	7,269.05	296.24	31.03	93.28	-958.98	-1,717.66	7,370.59	7,293.96	76.63	96.185		
17,600.00	7,257.22	7,269.94	7,269.53	299.07	31.03	93.34	-958.96	-1,717.66	7,470.41	7,393.74	76.68	97.429		
17,700.00	7,257.47	7,270.43	7,270.02	301.91	31.04	93.40	-958.95	-1,717.66	7,570.24	7,493.52	76.72	98.668		
17,800.00	7,257.72	7,270.91	7,270.50	304.75	31.04	93.46	-958.94	-1,717.66	7,670.07	7,593.30	76.77	99.904		
17,900.00	7,257.97	7,271.40	7,270.98	307.59	31.04	93.53	-958.93	-1,717.66	7,769.90	7,693.08	76.83	101.137		
18,000.00	7,258.22	7,271.88	7,271.47	310.43	31.04	93.59	-958.92	-1,717.66	7,869.74	7,792.86	76.88	102.365		
18,100.00	7,258.47	7,272.36	7,271.95	313.27	31.04	93.65	-958.91	-1,717.66	7,969.59	7,892.65	76.93	103.590		
18,200.00	7,258.72	7,272.85	7,272.43	316.11	31.05	93.71	-958.90	-1,717.66	8,069.43	7,992.44	76.99	104.812		
18,300.00	7,258.97	7,273.33	7,272.92	318.95	31.05	93.77	-958.89	-1,717.67	8,169.28	8,092.24	77.05	106.029		
18,400.00	7,259.21	7,273.82	7,273.40	321.79	31.05	93.84	-958.87	-1,717.67	8,269.14	8,192.03	77.11	107.243		
18,500.00	7,259.46	7,274.30	7,273.89	324.63	31.05	93.90	-958.86	-1,717.67	8,368.99	8,291.83	77.17	108.453		
18,600.00	7,259.71	7,274.78	7,274.37	327.48	31.06	93.96	-958.85	-1,717.67	8,468.85	8,391.63	77.23	109.659		
18,700.00	7,259.96	7,275.27	7,274.85	330.32	31.06	94.02	-958.84	-1,717.67	8,568.72	8,491.43	77.29	110.861		
18,800.00	7,260.21	7,275.75	7,275.34	333.16	31.06	94.08	-958.83	-1,717.67	8,668.59	8,591.23	77.36	112.059		
18,900.00	7,260.46	7,276.23	7,275.82	336.00	31.06	94.15	-958.82	-1,717.67	8,768.46	8,691.03	77.42	113.254		
19,000.00	7,260.71	7,276.72	7,276.30	338.85	31.06	94.21	-958.81	-1,717.67	8,868.33	8,790.84	77.49	114.444		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - JOHNSON #1(PA) - OH - OH												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 100-GYRO-NS												<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
19,100.00	7,260.95	7,277.20	7,276.79	341.69	31.07	94.27	-958.80	-1,717.67	8,968.20	8,890.65	77.56	115.631	
19,118.22	7,261.00	7,277.29	7,276.88	342.21	31.07	94.28	-958.79	-1,717.67	8,986.40	8,908.83	77.57	115.847	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-135.10	-739.53	-736.98	1,044.23					
100.00	100.00	81.00	81.00	3.28	3.57	-135.10	-739.53	-736.98	1,044.06	1,037.20	6.86	152.273		
200.00	200.00	181.00	181.00	3.34	5.63	-135.10	-739.53	-736.98	1,044.06	1,035.09	8.96	116.461		
300.00	300.00	281.00	281.00	3.44	8.71	-135.10	-739.53	-736.98	1,044.06	1,031.91	12.15	85.926		
400.00	399.98	380.98	380.98	3.60	12.01	88.60	-739.53	-736.98	1,044.01	1,028.41	15.61	66.891		
500.00	499.84	480.84	480.84	3.79	15.39	88.89	-739.53	-736.98	1,043.90	1,024.72	19.18	54.422		
600.00	599.45	580.45	580.45	4.03	18.81	89.37	-739.53	-736.98	1,043.76	1,020.94	22.83	45.724		
695.90	694.64	675.64	675.64	4.28	22.09	90.00	-739.53	-736.98	1,043.70	1,017.33	26.37	39.583		
700.00	698.70	679.70	679.70	4.30	22.23	90.03	-739.53	-736.98	1,043.70	1,017.18	26.52	39.356		
800.00	797.47	778.47	778.47	4.60	25.64	90.88	-739.53	-736.98	1,043.83	1,013.58	30.24	34.515		
900.00	895.62	876.62	876.62	4.94	29.04	91.89	-739.53	-736.98	1,044.30	1,010.31	33.99	30.726		
1,000.00	993.06	974.06	974.06	5.32	32.43	93.08	-739.53	-736.98	1,045.30	1,007.55	37.75	27.693		
1,100.00	1,089.64	1,070.64	1,070.64	5.73	35.78	94.41	-739.53	-736.98	1,047.05	1,005.53	41.51	25.221		
1,131.50	1,119.87	1,100.87	1,100.87	5.87	36.83	94.85	-739.53	-736.98	1,047.79	1,005.09	42.70	24.537		
1,200.00	1,185.51	1,166.51	1,166.51	6.18	39.12	95.88	-739.53	-736.98	1,049.70	1,004.41	45.29	23.176		
1,300.00	1,281.33	1,262.33	1,262.33	6.65	42.45	97.36	-739.53	-736.98	1,053.15	1,004.05	49.09	21.452		
1,400.00	1,377.14	1,358.14	1,358.14	7.13	45.79	98.84	-739.53	-736.98	1,057.35	1,004.44	52.91	19.983		
1,500.00	1,472.96	1,453.96	1,453.96	7.63	49.12	100.30	-739.53	-736.98	1,062.31	1,005.56	56.75	18.720		
1,600.00	1,568.78	1,549.78	1,549.78	8.14	52.46	101.75	-739.53	-736.98	1,068.01	1,007.42	60.59	17.627		
1,700.00	1,664.60	1,645.60	1,645.60	8.66	55.80	103.19	-739.53	-736.98	1,074.45	1,010.01	64.44	16.673		
1,800.00	1,760.41	1,741.41	1,741.41	9.19	59.14	104.60	-739.53	-736.98	1,081.61	1,013.30	68.30	15.836		
1,900.00	1,856.23	1,837.23	1,837.23	9.73	62.48	106.01	-739.53	-736.98	1,089.47	1,017.30	72.16	15.097		
2,000.00	1,952.05	1,933.05	1,933.05	10.27	65.82	107.39	-739.53	-736.98	1,098.02	1,021.99	76.03	14.442		
2,100.00	2,047.86	2,028.86	2,028.86	10.81	69.16	108.75	-739.53	-736.98	1,107.24	1,027.34	79.90	13.858		
2,200.00	2,143.68	2,124.68	2,124.68	11.36	72.50	110.09	-739.53	-736.98	1,117.12	1,033.35	83.77	13.336		
2,300.00	2,239.50	2,220.50	2,220.50	11.92	75.84	111.40	-739.53	-736.98	1,127.64	1,040.01	87.64	12.867		
2,400.00	2,335.32	2,316.32	2,316.32	12.47	79.19	112.70	-739.53	-736.98	1,138.79	1,047.28	91.51	12.445		
2,500.00	2,431.13	2,412.13	2,412.13	13.03	82.53	113.96	-739.53	-736.98	1,150.53	1,055.16	95.37	12.063		
2,600.00	2,526.95	2,507.95	2,507.95	13.59	85.87	115.21	-739.53	-736.98	1,162.87	1,063.62	99.24	11.718		
2,700.00	2,622.77	2,603.77	2,603.77	14.15	89.21	116.43	-739.53	-736.98	1,175.77	1,072.66	103.11	11.403		
2,800.00	2,718.59	2,700.41	2,699.59	14.72	92.58	117.62	-739.53	-736.98	1,189.22	1,082.21	107.00	11.114		
2,900.00	2,814.40	2,804.60	2,795.40	15.29	96.22	118.79	-739.53	-736.98	1,203.20	1,092.04	111.16	10.824		
3,000.00	2,910.22	2,908.78	2,891.22	15.85	99.85	119.94	-739.53	-736.98	1,217.69	1,102.38	115.31	10.560		
3,100.00	3,006.04	2,987.04	2,987.04	16.42	102.58	121.05	-739.53	-736.98	1,232.67	1,114.12	118.56	10.397		
3,200.00	3,101.85	3,082.85	3,082.85	16.99	105.93	122.15	-739.53	-736.98	1,248.14	1,125.72	122.41	10.196		
3,300.00	3,197.67	3,178.67	3,178.67	17.56	109.27	123.21	-739.53	-736.98	1,264.06	1,137.79	126.27	10.011		
3,400.00	3,293.49	3,274.49	3,274.49	18.14	112.61	124.25	-739.53	-736.98	1,280.42	1,150.30	130.12	9.840		
3,500.00	3,389.31	3,370.31	3,370.31	18.71	115.96	125.27	-739.53	-736.98	1,297.21	1,163.24	133.97	9.683		
3,600.00	3,485.12	3,466.12	3,466.12	19.28	119.30	126.26	-739.53	-736.98	1,314.41	1,176.59	137.82	9.537		
3,700.00	3,580.94	3,561.94	3,561.94	19.86	122.65	127.23	-739.53	-736.98	1,332.00	1,190.33	141.67	9.402		
3,800.00	3,676.76	3,657.76	3,657.76	20.43	125.99	128.17	-739.53	-736.98	1,349.97	1,204.45	145.51	9.277		
3,900.00	3,772.58	3,753.58	3,753.58	21.01	129.33	129.09	-739.53	-736.98	1,368.30	1,218.94	149.36	9.161		
4,000.00	3,868.39	3,849.39	3,849.39	21.58	132.68	129.98	-739.53	-736.98	1,386.98	1,233.78	153.20	9.054		
4,100.00	3,964.21	3,945.21	3,945.21	22.16	136.02	130.86	-739.53	-736.98	1,405.99	1,248.95	157.04	8.953		
4,200.00	4,060.03	4,041.03	4,041.03	22.74	139.37	131.71	-739.53	-736.98	1,425.32	1,264.45	160.87	8.860		
4,300.00	4,155.85	4,136.85	4,136.85	23.32	142.71	132.53	-739.53	-736.98	1,444.97	1,280.25	164.71	8.773		
4,400.00	4,251.66	4,232.66	4,232.66	23.89	146.05	133.34	-739.53	-736.98	1,464.90	1,296.36	168.55	8.691		
4,500.00	4,347.48	4,328.48	4,328.48	24.47	149.40	134.13	-739.53	-736.98	1,485.13	1,312.75	172.38	8.615		
4,600.00	4,443.30	4,424.30	4,424.30	25.05	152.74	134.89	-739.53	-736.98	1,505.62	1,329.41	176.21	8.544		
4,700.00	4,539.11	4,520.11	4,520.11	25.63	156.09	135.64	-739.53	-736.98	1,526.38	1,346.33	180.04	8.478		
4,800.00	4,634.93	4,615.93	4,615.93	26.21	159.43	136.36	-739.53	-736.98	1,547.38	1,363.51	183.87	8.415		
4,900.00	4,730.75	4,711.75	4,711.75	26.79	162.78	137.07	-739.53	-736.98	1,568.63	1,380.93	187.70	8.357		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,826.57	4,807.57	4,807.57	27.37	166.12	137.76	-739.53	-736.98	1,590.11	1,398.58	191.53	8.302		
5,100.00	4,922.38	4,903.38	4,903.38	27.95	169.46	138.43	-739.53	-736.98	1,611.81	1,416.45	195.36	8.250		
5,200.00	5,018.20	5,000.80	4,999.20	28.53	172.86	139.09	-739.53	-736.98	1,633.72	1,434.48	199.24	8.200		
5,300.00	5,114.02	5,104.98	5,095.02	29.11	176.50	139.72	-739.53	-736.98	1,655.84	1,452.48	203.36	8.142		
5,400.00	5,209.84	5,209.17	5,190.84	29.69	180.14	140.34	-739.53	-736.98	1,678.16	1,470.68	207.48	8.088		
5,500.00	5,305.65	5,286.65	5,286.65	30.27	182.84	140.95	-739.53	-736.98	1,700.66	1,490.00	210.66	8.073		
5,600.00	5,401.47	5,382.47	5,382.47	30.86	186.19	141.54	-739.53	-736.98	1,723.35	1,508.86	214.49	8.035		
5,700.00	5,497.29	5,478.29	5,478.29	31.44	189.53	142.12	-739.53	-736.98	1,746.21	1,527.90	218.31	7.999		
5,800.00	5,593.10	5,574.10	5,574.10	32.02	192.87	142.68	-739.53	-736.98	1,769.23	1,547.10	222.13	7.965		
5,900.00	5,688.92	5,669.92	5,669.92	32.60	196.22	143.22	-739.53	-736.98	1,792.42	1,566.47	225.95	7.933		
6,000.00	5,784.74	5,765.74	5,765.74	33.18	199.56	143.75	-739.53	-736.98	1,815.76	1,585.99	229.78	7.902		
6,100.00	5,880.56	5,861.56	5,861.56	33.76	202.91	144.27	-739.53	-736.98	1,839.26	1,605.66	233.60	7.874		
6,200.00	5,976.37	5,957.37	5,957.37	34.35	206.25	144.78	-739.53	-736.98	1,862.89	1,625.47	237.42	7.846		
6,300.00	6,072.19	6,053.19	6,053.19	34.93	209.60	145.28	-739.53	-736.98	1,886.67	1,645.43	241.24	7.821		
6,400.00	6,168.01	6,149.01	6,149.01	35.51	212.94	145.76	-739.53	-736.98	1,910.57	1,665.51	245.06	7.796		
6,500.00	6,263.83	6,244.83	6,244.83	36.09	216.29	146.23	-739.53	-736.98	1,934.61	1,685.73	248.88	7.773		
6,600.00	6,359.64	6,340.64	6,340.64	36.68	219.63	146.69	-739.53	-736.98	1,958.77	1,706.06	252.70	7.751		
6,700.00	6,455.46	6,436.46	6,436.46	37.26	222.98	147.14	-739.53	-736.98	1,983.04	1,726.52	256.52	7.730		
6,733.48	6,487.54	6,468.54	6,468.54	37.45	224.10	147.29	-739.53	-736.98	1,991.20	1,733.39	257.80	7.724		
6,750.00	6,503.41	6,484.41	6,484.41	37.55	224.65	143.37	-739.53	-736.98	1,995.02	1,736.59	258.43	7.720		
6,800.00	6,551.83	6,532.83	6,532.83	37.82	226.34	128.44	-739.53	-736.98	2,004.15	1,743.80	260.35	7.698		
6,850.00	6,600.62	6,581.62	6,581.62	38.05	228.04	109.20	-739.53	-736.98	2,009.57	1,747.30	262.26	7.662		
6,900.00	6,649.47	6,630.47	6,630.47	38.25	229.75	89.05	-739.53	-736.98	2,011.25	1,747.09	264.15	7.614		
6,950.00	6,698.08	6,679.08	6,679.08	38.42	231.44	72.47	-739.53	-736.98	2,009.20	1,743.19	266.01	7.553		
7,000.00	6,746.15	6,727.15	6,727.15	38.57	233.12	60.76	-739.53	-736.98	2,003.46	1,735.64	267.81	7.481		
7,050.00	6,793.39	6,774.39	6,774.39	38.71	234.77	52.95	-739.53	-736.98	1,994.06	1,724.51	269.56	7.398		
7,100.00	6,839.50	6,820.50	6,820.50	38.84	236.38	47.80	-739.53	-736.98	1,981.10	1,709.87	271.24	7.304		
7,150.00	6,884.20	6,865.20	6,865.20	38.97	237.94	44.46	-739.53	-736.98	1,964.67	1,691.83	272.84	7.201		
7,200.00	6,927.21	6,908.21	6,908.21	39.11	239.44	42.41	-739.53	-736.98	1,944.89	1,670.53	274.36	7.089		
7,250.00	6,968.28	6,949.28	6,949.28	39.25	240.88	41.33	-739.53	-736.98	1,921.91	1,646.12	275.79	6.969		
7,300.00	7,007.13	6,988.13	6,988.13	39.41	242.23	41.03	-739.53	-736.98	1,895.88	1,618.75	277.13	6.841		
7,350.00	7,043.55	7,024.55	7,024.55	39.58	243.50	41.42	-739.53	-736.98	1,866.99	1,588.63	278.36	6.707		
7,400.00	7,077.29	7,058.29	7,058.29	39.77	244.68	42.47	-739.53	-736.98	1,835.44	1,555.94	279.50	6.567		
7,450.00	7,108.16	7,089.16	7,089.16	39.98	245.76	44.18	-739.53	-736.98	1,801.44	1,520.92	280.53	6.422		
7,500.00	7,135.96	7,116.96	7,116.96	40.22	246.73	46.59	-739.53	-736.98	1,765.23	1,483.78	281.44	6.272		
7,550.00	7,160.53	7,141.53	7,141.53	40.49	247.59	49.78	-739.53	-736.98	1,727.04	1,444.78	282.26	6.119		
7,600.00	7,181.70	7,162.70	7,162.70	40.79	248.33	53.82	-739.53	-736.98	1,687.13	1,404.17	282.96	5.962		
7,650.00	7,199.35	7,180.35	7,180.35	41.13	248.94	58.82	-739.53	-736.98	1,645.76	1,362.21	283.55	5.804		
7,700.00	7,213.38	7,205.63	7,194.38	41.51	249.82	64.84	-739.53	-736.98	1,603.21	1,318.78	284.44	5.636		
7,750.00	7,223.68	7,204.68	7,204.68	41.93	249.79	71.86	-739.53	-736.98	1,559.75	1,275.32	284.43	5.484		
7,800.00	7,230.21	7,211.21	7,211.21	42.38	250.02	79.76	-739.53	-736.98	1,515.66	1,230.94	284.72	5.323		
7,850.00	7,232.92	7,213.92	7,213.92	42.87	250.11	88.22	-739.53	-736.98	1,471.21	1,186.30	284.91	5.164		
7,858.69	7,233.00	7,214.00	7,214.00	42.95	250.12	89.72	-739.53	-736.98	1,463.46	1,178.53	284.93	5.136		
7,900.00	7,233.10	7,214.10	7,214.10	43.38	250.12	89.73	-739.53	-736.98	1,426.79	1,141.74	285.05	5.005		
8,000.00	7,233.35	7,214.35	7,214.35	44.56	250.13	89.75	-739.53	-736.98	1,339.11	1,053.68	285.44	4.691		
8,100.00	7,233.60	7,214.60	7,214.60	45.91	250.14	89.77	-739.53	-736.98	1,253.28	967.26	286.03	4.382		
8,200.00	7,233.85	7,214.85	7,214.85	47.41	250.15	89.79	-739.53	-736.98	1,169.71	882.82	286.89	4.077		
8,300.00	7,234.10	7,215.10	7,215.10	49.05	250.16	89.82	-739.53	-736.98	1,088.91	800.82	288.09	3.780		
8,400.00	7,234.35	7,215.35	7,215.35	50.81	250.16	89.84	-739.53	-736.98	1,011.54	721.82	289.72	3.491		
8,500.00	7,234.59	7,215.59	7,215.59	52.68	250.17	89.86	-739.53	-736.98	938.46	646.60	291.87	3.215		
8,600.00	7,234.84	7,215.84	7,215.84	54.65	250.18	89.88	-739.53	-736.98	870.75	576.14	294.62	2.956		
8,700.00	7,235.09	7,216.09	7,216.09	56.70	250.19	89.90	-739.53	-736.98	809.76	511.76	298.00	2.717		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.34	7,216.34	7,216.34	58.82	250.20	89.92	-739.53	-736.98	757.11	455.15	301.96	2.507		
8,900.00	7,235.59	7,216.59	7,216.59	61.01	250.21	89.94	-739.53	-736.98	714.64	408.32	306.32	2.333		
9,000.00	7,235.84	7,216.84	7,216.84	63.25	250.22	89.97	-739.53	-736.98	684.26	373.49	310.76	2.202		
9,100.00	7,236.09	7,217.09	7,217.09	65.55	250.22	89.99	-739.53	-736.98	667.61	352.78	314.83	2.121		
9,162.51	7,236.24	7,217.24	7,217.24	67.01	250.23	90.00	-739.53	-736.98	664.68	347.70	316.98	2.097 CC		
9,200.00	7,236.34	7,217.34	7,217.34	67.89	250.23	90.01	-739.53	-736.98	665.73	347.66	318.07	2.093 ES, SF		
9,300.00	7,236.58	7,217.58	7,217.58	70.27	250.24	90.03	-739.53	-736.98	678.75	358.55	320.20	2.120		
9,400.00	7,236.83	7,217.83	7,217.83	72.69	250.25	90.05	-739.53	-736.98	705.83	384.66	321.17	2.198		
9,500.00	7,237.08	7,218.08	7,218.08	75.14	250.26	90.07	-739.53	-736.98	745.45	424.30	321.15	2.321		
9,600.00	7,237.33	7,218.33	7,218.33	77.62	250.27	90.09	-739.53	-736.98	795.73	475.32	320.41	2.483		
9,700.00	7,237.58	7,218.58	7,218.58	80.12	250.28	90.12	-739.53	-736.98	854.80	535.57	319.23	2.678		
9,800.00	7,237.83	7,218.83	7,218.83	82.65	250.29	90.14	-739.53	-736.98	920.97	603.15	317.82	2.898		
9,900.00	7,238.08	7,219.08	7,219.08	85.20	250.29	90.16	-739.53	-736.98	992.81	676.47	316.34	3.138		
10,000.00	7,238.32	7,219.32	7,219.32	87.77	250.30	90.18	-739.53	-736.98	1,069.19	754.32	314.88	3.396		
10,100.00	7,238.57	7,219.57	7,219.57	90.36	250.31	90.20	-739.53	-736.98	1,149.21	835.72	313.48	3.666		
10,200.00	7,238.82	7,219.82	7,219.82	92.97	250.32	90.22	-739.53	-736.98	1,232.14	919.95	312.19	3.947		
10,300.00	7,239.07	7,220.07	7,220.07	95.59	250.33	90.24	-739.53	-736.98	1,317.45	1,006.45	310.99	4.236		
10,400.00	7,239.32	7,220.32	7,220.32	98.22	250.34	90.27	-739.53	-736.98	1,404.69	1,094.79	309.90	4.533		
10,500.00	7,239.57	7,220.57	7,220.57	100.87	250.35	90.29	-739.53	-736.98	1,493.54	1,184.62	308.92	4.835		
10,600.00	7,239.82	7,220.82	7,220.82	103.52	250.36	90.31	-739.53	-736.98	1,583.72	1,275.70	308.02	5.142		
10,700.00	7,240.07	7,221.07	7,221.07	106.19	250.36	90.33	-739.53	-736.98	1,675.01	1,367.80	307.21	5.452		
10,800.00	7,240.31	7,221.31	7,221.31	108.87	250.37	90.35	-739.53	-736.98	1,767.24	1,460.77	306.47	5.766		
10,900.00	7,240.56	7,221.56	7,221.56	111.56	250.38	90.37	-739.53	-736.98	1,860.28	1,554.48	305.80	6.083		
11,000.00	7,240.81	7,221.81	7,221.81	114.25	250.39	90.39	-739.53	-736.98	1,954.01	1,648.82	305.19	6.403		
11,100.00	7,241.06	7,222.06	7,222.06	116.96	250.40	90.42	-739.53	-736.98	2,048.32	1,743.69	304.64	6.724		
11,200.00	7,241.31	7,222.31	7,222.31	119.67	250.41	90.44	-739.53	-736.98	2,143.16	1,839.03	304.13	7.047		
11,300.00	7,241.56	7,222.56	7,222.56	122.39	250.42	90.46	-739.53	-736.98	2,238.44	1,934.77	303.67	7.371		
11,400.00	7,241.81	7,222.81	7,222.81	125.11	250.42	90.48	-739.53	-736.98	2,334.12	2,030.87	303.25	7.697		
11,500.00	7,242.06	7,223.06	7,223.06	127.84	250.43	90.50	-739.53	-736.98	2,430.15	2,127.28	302.86	8.024		
11,600.00	7,242.30	7,223.30	7,223.30	130.58	250.44	90.52	-739.53	-736.98	2,526.48	2,223.97	302.51	8.352		
11,700.00	7,242.55	7,223.55	7,223.55	133.32	250.45	90.54	-739.53	-736.98	2,623.09	2,320.91	302.18	8.681		
11,800.00	7,242.80	7,223.80	7,223.80	136.07	250.46	90.57	-739.53	-736.98	2,719.94	2,418.06	301.88	9.010		
11,900.00	7,243.05	7,224.05	7,224.05	138.82	250.47	90.59	-739.53	-736.98	2,817.02	2,515.41	301.61	9.340		
12,000.00	7,243.30	7,224.30	7,224.30	141.58	250.48	90.61	-739.53	-736.98	2,914.29	2,612.94	301.35	9.671		
12,100.00	7,243.55	7,224.55	7,224.55	144.34	250.49	90.63	-739.53	-736.98	3,011.74	2,710.62	301.12	10.002		
12,200.00	7,243.80	7,224.80	7,224.80	147.10	250.49	90.65	-739.53	-736.98	3,109.35	2,808.45	300.90	10.333		
12,300.00	7,244.04	7,225.04	7,225.04	149.87	250.50	90.67	-739.53	-736.98	3,207.11	2,906.41	300.70	10.665		
12,400.00	7,244.29	7,225.29	7,225.29	152.64	250.51	90.69	-739.53	-736.98	3,305.01	3,004.49	300.52	10.998		
12,500.00	7,244.54	7,225.54	7,225.54	155.41	250.52	90.72	-739.53	-736.98	3,403.02	3,102.68	300.34	11.330		
12,600.00	7,244.79	7,225.79	7,225.79	158.19	250.53	90.74	-739.53	-736.98	3,501.15	3,200.96	300.19	11.663		
12,700.00	7,245.04	7,226.04	7,226.04	160.97	250.54	90.76	-739.53	-736.98	3,599.38	3,299.34	300.04	11.996		
12,800.00	7,245.29	7,226.29	7,226.29	163.75	250.55	90.78	-739.53	-736.98	3,697.71	3,397.80	299.91	12.330		
12,900.00	7,245.54	7,226.54	7,226.54	166.54	250.55	90.80	-739.53	-736.98	3,796.12	3,496.34	299.78	12.663		
13,000.00	7,245.79	7,226.79	7,226.79	169.33	250.56	90.82	-739.53	-736.98	3,894.61	3,594.95	299.67	12.996		
13,100.00	7,246.03	7,227.03	7,227.03	172.12	250.57	90.84	-739.53	-736.98	3,993.18	3,693.62	299.56	13.330		
13,200.00	7,246.28	7,227.28	7,227.28	174.91	250.58	90.87	-739.53	-736.98	4,091.82	3,792.36	299.46	13.664		
13,300.00	7,246.53	7,227.53	7,227.53	177.71	250.59	90.89	-739.53	-736.98	4,190.52	3,891.15	299.37	13.998		
13,400.00	7,246.78	7,227.78	7,227.78	180.50	250.60	90.91	-739.53	-736.98	4,289.29	3,990.00	299.29	14.331		
13,500.00	7,247.03	7,228.03	7,228.03	183.30	250.61	90.93	-739.53	-736.98	4,388.11	4,088.89	299.22	14.665		
13,600.00	7,247.28	7,228.28	7,228.28	186.10	250.62	90.95	-739.53	-736.98	4,486.98	4,187.83	299.15	14.999		
13,700.00	7,247.53	7,228.53	7,228.53	188.91	250.62	90.97	-739.53	-736.98	4,585.90	4,286.81	299.09	15.333		
13,800.00	7,247.77	7,228.77	7,228.77	191.71	250.63	90.99	-739.53	-736.98	4,684.86	4,385.83	299.03	15.667		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	7,229.02	7,229.02	194.52	250.64	91.02	-739.53	-736.98	4,783.87	4,484.89	298.98	16.001		
14,000.00	7,248.27	7,229.27	7,229.27	197.32	250.65	91.04	-739.53	-736.98	4,882.92	4,583.99	298.93	16.334		
14,100.00	7,248.52	7,229.52	7,229.52	200.13	250.66	91.06	-739.53	-736.98	4,982.01	4,683.12	298.89	16.668		
14,200.00	7,248.77	7,229.77	7,229.77	202.94	250.67	91.08	-739.53	-736.98	5,081.13	4,782.28	298.86	17.002		
14,300.00	7,249.02	7,230.02	7,230.02	205.76	250.68	91.10	-739.53	-736.98	5,180.29	4,881.47	298.82	17.336		
14,400.00	7,249.27	7,230.27	7,230.27	208.57	250.69	91.12	-739.53	-736.98	5,279.48	4,980.68	298.80	17.669		
14,500.00	7,249.52	7,230.52	7,230.52	211.38	250.69	91.14	-739.53	-736.98	5,378.70	5,079.92	298.77	18.003		
14,600.00	7,249.76	7,230.76	7,230.76	214.20	250.70	91.17	-739.53	-736.98	5,477.95	5,179.19	298.76	18.336		
14,700.00	7,250.01	7,231.01	7,231.01	217.02	250.71	91.19	-739.53	-736.98	5,577.22	5,278.48	298.74	18.669		
14,800.00	7,250.26	7,231.26	7,231.26	219.84	250.72	91.21	-739.53	-736.98	5,676.52	5,377.79	298.73	19.002		
14,900.00	7,250.51	7,231.51	7,231.51	222.65	250.73	91.23	-739.53	-736.98	5,775.84	5,477.12	298.72	19.335		
15,000.00	7,250.76	7,231.76	7,231.76	225.48	250.74	91.25	-739.53	-736.98	5,875.19	5,576.48	298.71	19.668		
15,100.00	7,251.01	7,232.01	7,232.01	228.30	250.75	91.27	-739.53	-736.98	5,974.56	5,675.85	298.71	20.001		
15,200.00	7,251.26	7,232.26	7,232.26	231.12	250.75	91.29	-739.53	-736.98	6,073.95	5,775.23	298.71	20.334		
15,300.00	7,251.50	7,232.50	7,232.50	233.94	250.76	91.32	-739.53	-736.98	6,173.36	5,874.64	298.72	20.666		
15,400.00	7,251.75	7,232.75	7,232.75	236.77	250.77	91.34	-739.53	-736.98	6,272.78	5,974.06	298.72	20.999		
15,500.00	7,252.00	7,233.00	7,233.00	239.59	250.78	91.36	-739.53	-736.98	6,372.23	6,073.50	298.73	21.331		
15,600.00	7,252.25	7,233.25	7,233.25	242.42	250.79	91.38	-739.53	-736.98	6,471.69	6,172.95	298.74	21.663		
15,700.00	7,252.50	7,233.50	7,233.50	245.24	250.80	91.40	-739.53	-736.98	6,571.17	6,272.41	298.76	21.995		
15,800.00	7,252.75	7,233.75	7,233.75	248.07	250.81	91.42	-739.53	-736.98	6,670.67	6,371.89	298.78	22.327		
15,900.00	7,253.00	7,234.00	7,234.00	250.90	250.82	91.44	-739.53	-736.98	6,770.17	6,471.38	298.80	22.658		
16,000.00	7,253.25	7,234.25	7,234.25	253.73	250.82	91.47	-739.53	-736.98	6,869.70	6,570.88	298.82	22.990		
16,100.00	7,253.49	7,234.49	7,234.49	256.56	250.83	91.49	-739.53	-736.98	6,969.24	6,670.39	298.84	23.321		
16,200.00	7,253.74	7,234.74	7,234.74	259.39	250.84	91.51	-739.53	-736.98	7,068.79	6,769.92	298.87	23.652		
16,300.00	7,253.99	7,234.99	7,234.99	262.22	250.85	91.53	-739.53	-736.98	7,168.35	6,869.45	298.90	23.983		
16,400.00	7,254.24	7,235.24	7,235.24	265.05	250.86	91.55	-739.53	-736.98	7,267.92	6,969.00	298.93	24.314		
16,500.00	7,254.49	7,235.49	7,235.49	267.88	250.87	91.57	-739.53	-736.98	7,367.51	7,068.55	298.96	24.644		
16,600.00	7,254.74	7,235.74	7,235.74	270.72	250.88	91.59	-739.53	-736.98	7,467.11	7,168.12	298.99	24.974		
16,700.00	7,254.99	7,235.99	7,235.99	273.55	250.88	91.62	-739.53	-736.98	7,566.71	7,267.69	299.03	25.304		
16,800.00	7,255.24	7,236.24	7,236.24	276.38	250.89	91.64	-739.53	-736.98	7,666.33	7,367.27	299.07	25.634		
16,900.00	7,255.48	7,236.48	7,236.48	279.22	250.90	91.66	-739.53	-736.98	7,765.96	7,466.86	299.11	25.964		
17,000.00	7,255.73	7,236.73	7,236.73	282.05	250.91	91.68	-739.53	-736.98	7,865.60	7,566.45	299.15	26.293		
17,100.00	7,255.98	7,236.98	7,236.98	284.89	250.92	91.70	-739.53	-736.98	7,965.24	7,666.06	299.19	26.623		
17,200.00	7,256.23	7,237.23	7,237.23	287.73	250.93	91.72	-739.53	-736.98	8,064.90	7,765.67	299.23	26.952		
17,300.00	7,256.48	7,237.48	7,237.48	290.56	250.94	91.74	-739.53	-736.98	8,164.56	7,865.28	299.28	27.281		
17,400.00	7,256.73	7,237.73	7,237.73	293.40	250.95	91.77	-739.53	-736.98	8,264.24	7,964.91	299.33	27.609		
17,500.00	7,256.98	7,237.98	7,237.98	296.24	250.95	91.79	-739.53	-736.98	8,363.92	8,064.54	299.38	27.938		
17,600.00	7,257.22	7,238.22	7,238.22	299.07	250.96	91.81	-739.53	-736.98	8,463.60	8,164.17	299.43	28.266		
17,700.00	7,257.47	7,238.47	7,238.47	301.91	250.97	91.83	-739.53	-736.98	8,563.30	8,263.82	299.48	28.594		
17,800.00	7,257.72	7,238.72	7,238.72	304.75	250.98	91.85	-739.53	-736.98	8,663.00	8,363.46	299.54	28.921		
17,900.00	7,257.97	7,238.97	7,238.97	307.59	250.99	91.87	-739.53	-736.98	8,762.71	8,463.12	299.59	29.249		
18,000.00	7,258.22	7,239.22	7,239.22	310.43	251.00	91.89	-739.53	-736.98	8,862.42	8,562.77	299.65	29.576		
18,100.00	7,258.47	7,239.47	7,239.47	313.27	251.01	91.92	-739.53	-736.98	8,962.14	8,662.44	299.71	29.903		
18,200.00	7,258.72	7,239.72	7,239.72	316.11	251.01	91.94	-739.53	-736.98	9,061.87	8,762.11	299.76	30.230		
18,300.00	7,258.97	7,239.97	7,239.97	318.95	251.02	91.96	-739.53	-736.98	9,161.60	8,861.78	299.83	30.556		
18,400.00	7,259.21	7,240.21	7,240.21	321.79	251.03	91.98	-739.53	-736.98	9,261.34	8,961.45	299.89	30.883		
18,500.00	7,259.46	7,240.46	7,240.46	324.63	251.04	92.00	-739.53	-736.98	9,361.09	9,061.14	299.95	31.209		
18,600.00	7,259.71	7,240.71	7,240.71	327.48	251.05	92.02	-739.53	-736.98	9,460.84	9,160.82	300.02	31.535		
18,700.00	7,259.96	7,240.96	7,240.96	330.32	251.06	92.04	-739.53	-736.98	9,560.59	9,260.51	300.08	31.860		
18,800.00	7,260.21	7,241.21	7,241.21	333.16	251.07	92.07	-739.53	-736.98	9,660.35	9,360.20	300.15	32.185		
18,900.00	7,260.46	7,241.46	7,241.46	336.00	251.08	92.09	-739.53	-736.98	9,760.12	9,459.90	300.22	32.510		
19,000.00	7,260.71	7,241.71	7,241.71	338.85	251.08	92.11	-739.53	-736.98	9,859.89	9,559.60	300.29	32.835		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - JOHNSON #11-16G6(TA - OH - OH)												<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma													
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
19,100.00	7,260.95	7,241.95	7,241.95	341.69	251.09	92.13	-739.53	-736.98	9,959.66	9,659.31	300.36	33.160	
19,118.22	7,261.00	7,242.00	7,242.00	342.21	251.09	92.13	-739.53	-736.98	9,977.84	9,677.47	300.37	33.219	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	-58.05	257.56	-412.97	487.00					
100.00	100.00	79.47	79.46	3.28	3.28	-58.01	258.03	-413.02	487.01	480.44	6.57	74.130 ES		
200.00	200.00	180.14	180.13	3.34	3.33	-57.88	259.31	-413.13	487.77	481.11	6.67	73.179		
300.00	300.00	280.80	280.79	3.44	3.43	-57.80	260.19	-413.16	488.27	481.39	6.87	71.046		
400.00	399.98	380.12	380.10	3.60	3.57	165.91	260.93	-413.28	490.46	483.29	7.17	68.395		
500.00	499.84	480.73	480.71	3.79	3.77	166.09	261.72	-413.43	496.08	488.52	7.56	65.655		
600.00	599.45	580.34	580.31	4.03	3.99	166.35	262.36	-413.49	504.95	496.93	8.02	62.983		
700.00	698.70	678.32	678.29	4.30	4.25	166.64	262.91	-413.75	517.32	508.78	8.54	60.569		
800.00	797.47	777.31	777.28	4.60	4.53	166.99	263.51	-414.14	533.22	524.10	9.12	58.448		
900.00	895.62	874.05	874.02	4.94	4.82	167.36	263.99	-414.60	552.50	542.76	9.75	56.696		
1,000.00	993.06	970.91	970.87	5.32	5.14	167.74	264.44	-415.36	575.38	564.97	10.41	55.290		
1,100.00	1,089.64	1,068.61	1,068.58	5.73	5.46	168.16	264.88	-416.02	601.51	590.41	11.10	54.167		
1,131.50	1,119.87	1,099.37	1,099.33	5.87	5.57	168.29	264.97	-416.19	610.38	599.05	11.34	53.847		
1,200.00	1,185.51	1,162.60	1,162.56	6.18	5.79	168.63	265.18	-416.63	630.12	618.30	11.82	53.331		
1,300.00	1,281.33	1,259.10	1,259.06	6.65	6.14	169.11	265.56	-417.56	659.21	646.66	12.55	52.529		
1,400.00	1,377.14	1,355.12	1,355.07	7.13	6.49	169.52	265.59	-418.31	688.00	674.70	13.30	51.721		
1,500.00	1,472.96	1,449.86	1,449.81	7.63	6.84	169.92	265.92	-419.07	717.01	702.95	14.07	50.975		
1,600.00	1,568.78	1,547.94	1,547.88	8.14	7.21	170.28	266.06	-419.89	745.97	731.11	14.86	50.196		
1,700.00	1,664.60	1,646.88	1,646.82	8.66	7.59	170.64	266.12	-420.18	774.47	758.80	15.67	49.414		
1,800.00	1,760.41	1,743.77	1,743.72	9.19	7.97	170.96	265.98	-420.29	802.77	786.28	16.48	48.701		
1,900.00	1,856.23	1,840.24	1,840.19	9.73	8.34	171.26	265.80	-420.35	831.00	813.70	17.30	48.035		
2,000.00	1,952.05	1,936.37	1,936.32	10.27	8.72	171.53	265.44	-420.44	859.18	841.05	18.12	47.410		
2,100.00	2,047.86	2,032.70	2,032.65	10.81	9.10	171.77	264.95	-420.68	887.40	868.44	18.95	46.821		
2,200.00	2,143.68	2,131.57	2,131.51	11.36	9.50	171.95	263.70	-421.20	915.39	895.59	19.81	46.219		
2,300.00	2,239.50	2,228.84	2,228.75	11.92	9.89	172.07	261.82	-421.91	943.14	922.49	20.66	45.661		
2,400.00	2,335.32	2,323.38	2,323.26	12.47	10.27	172.17	259.80	-422.83	970.95	949.46	21.49	45.174		
2,500.00	2,431.13	2,417.10	2,416.96	13.03	10.65	172.25	257.75	-423.96	998.91	976.58	22.33	44.732		
2,600.00	2,526.95	2,507.02	2,506.84	13.59	11.02	172.31	255.86	-425.52	1,027.31	1,004.17	23.15	44.383		
2,700.00	2,622.77	2,600.71	2,600.50	14.15	11.41	172.37	254.12	-427.42	1,056.08	1,032.09	23.99	44.022		
2,800.00	2,718.59	2,694.09	2,693.84	14.72	11.79	172.43	252.65	-429.35	1,085.05	1,060.22	24.83	43.694		
2,900.00	2,814.40	2,789.28	2,789.01	15.29	12.18	172.50	251.27	-431.38	1,114.15	1,088.46	25.69	43.368		
3,000.00	2,910.22	2,886.11	2,885.81	15.85	12.58	172.57	249.91	-433.38	1,143.23	1,116.67	26.56	43.040		
3,100.00	3,006.04	2,981.12	2,980.79	16.42	12.98	172.65	248.75	-435.14	1,172.26	1,144.84	27.42	42.749		
3,200.00	3,101.85	3,077.50	3,077.15	16.99	13.38	172.74	247.89	-436.70	1,201.33	1,173.04	28.29	42.460		
3,300.00	3,197.67	3,177.71	3,177.35	17.56	13.79	172.84	247.07	-438.01	1,230.21	1,201.01	29.19	42.141		
3,400.00	3,293.49	3,270.08	3,269.71	18.14	14.18	172.94	246.24	-439.09	1,258.94	1,228.90	30.04	41.912		
3,500.00	3,389.31	3,365.94	3,365.56	18.71	14.58	173.04	245.65	-440.33	1,287.94	1,257.04	30.91	41.669		
3,600.00	3,485.12	3,464.22	3,463.84	19.28	14.99	173.15	245.18	-441.26	1,316.77	1,284.97	31.80	41.409		
3,700.00	3,580.94	3,554.94	3,554.56	19.86	15.37	173.25	244.74	-442.10	1,345.60	1,312.96	32.64	41.231		
3,800.00	3,676.76	3,645.43	3,645.04	20.43	15.75	173.34	244.60	-443.37	1,374.96	1,341.49	33.47	41.080		
3,900.00	3,772.58	3,740.57	3,740.16	21.01	16.14	173.45	244.82	-444.54	1,404.45	1,370.11	34.34	40.897		
4,000.00	3,868.39	3,834.69	3,834.28	21.58	16.54	173.57	245.29	-445.52	1,433.97	1,398.77	35.20	40.732		
4,100.00	3,964.21	3,927.44	3,927.02	22.16	16.93	173.69	246.12	-446.40	1,463.68	1,427.62	36.06	40.592		
4,200.00	4,060.03	4,021.29	4,020.86	22.74	17.32	173.80	246.83	-447.54	1,493.49	1,456.57	36.92	40.451		
4,300.00	4,155.85	4,114.74	4,114.30	23.32	17.72	173.90	247.59	-448.86	1,523.50	1,485.71	37.78	40.323		
4,400.00	4,251.66	4,219.76	4,219.31	23.89	18.16	174.01	248.17	-450.12	1,553.18	1,514.45	38.73	40.099		
4,500.00	4,347.48	4,318.34	4,317.89	24.47	18.58	174.11	248.49	-450.97	1,582.48	1,542.85	39.64	39.926		
4,600.00	4,443.30	4,412.46	4,412.00	25.05	18.97	174.20	248.65	-451.88	1,611.78	1,571.27	40.50	39.793		
4,700.00	4,539.11	4,507.92	4,507.46	25.63	19.38	174.29	248.93	-452.78	1,641.13	1,599.75	41.38	39.657		
4,800.00	4,634.93	4,610.33	4,609.86	26.21	19.81	174.36	248.79	-453.84	1,670.28	1,627.96	42.32	39.471		
4,900.00	4,730.75	4,707.97	4,707.49	26.79	20.22	174.42	248.20	-454.92	1,699.19	1,655.98	43.21	39.321		
5,000.00	4,826.57	4,803.73	4,803.24	27.37	20.63	174.46	247.44	-456.06	1,728.05	1,683.95	44.10	39.188		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	4,922.38	4,901.38	4,900.88	27.95	21.04	174.50	246.42	-457.35	1,756.84	1,711.85	44.99	39.046		
5,200.00	5,018.20	4,994.57	4,994.05	28.53	21.43	174.53	245.30	-458.74	1,785.66	1,739.80	45.86	38.938		
5,300.00	5,114.02	5,094.88	5,094.35	29.11	21.86	174.56	244.08	-460.19	1,814.43	1,767.65	46.78	38.787		
5,400.00	5,209.84	5,198.26	5,197.70	29.69	22.30	174.58	242.48	-461.51	1,842.88	1,795.16	47.72	38.616		
5,500.00	5,305.65	5,301.23	5,300.65	30.27	22.73	174.61	240.73	-462.42	1,870.95	1,822.29	48.66	38.447		
5,600.00	5,401.47	5,395.50	5,394.92	30.86	23.13	174.65	239.54	-462.72	1,898.88	1,849.35	49.54	38.333		
5,700.00	5,497.29	5,492.03	5,491.43	31.44	23.54	174.70	238.42	-462.99	1,926.85	1,876.42	50.43	38.210		
5,800.00	5,593.10	5,589.14	5,588.53	32.02	23.99	174.75	236.85	-463.17	1,954.55	1,903.15	51.40	38.027		
5,900.00	5,688.92	5,682.05	5,681.44	32.60	24.39	174.79	235.43	-463.09	1,982.03	1,929.77	52.26	37.924		
6,000.00	5,784.74	5,787.58	5,786.95	33.18	24.79	174.83	234.08	-463.06	2,009.62	1,956.47	53.15	37.812		
6,100.00	5,880.56	5,892.47	5,891.83	33.76	25.23	174.88	232.46	-462.88	2,037.03	1,982.93	54.10	37.652		
6,200.00	5,976.37	5,979.14	5,978.49	34.35	25.60	174.93	231.42	-462.42	2,064.40	2,009.49	54.92	37.590		
6,300.00	6,072.19	6,081.44	6,080.79	34.93	26.03	175.00	230.62	-461.79	2,091.99	2,036.13	55.85	37.454		
6,400.00	6,168.01	6,177.22	6,176.56	35.51	26.43	175.06	229.71	-460.98	2,119.29	2,062.55	56.74	37.350		
6,500.00	6,263.83	6,277.53	6,276.86	36.09	26.86	175.12	228.58	-460.29	2,146.60	2,088.94	57.66	37.227		
6,600.00	6,359.64	6,367.43	6,366.75	36.68	27.24	175.18	227.69	-459.49	2,173.86	2,115.36	58.51	37.157		
6,700.00	6,455.46	6,461.19	6,460.51	37.26	27.63	175.24	227.05	-458.82	2,201.44	2,142.06	59.38	37.076		
6,733.48	6,487.54	6,494.14	6,493.45	37.45	27.77	175.26	226.81	-458.58	2,210.66	2,150.98	59.68	37.041		
6,750.00	6,503.41	6,510.43	6,509.75	37.55	27.84	171.09	226.68	-458.46	2,215.06	2,155.23	59.83	37.022		
6,800.00	6,551.83	6,554.90	6,554.21	37.82	28.03	155.51	226.33	-458.22	2,226.54	2,166.31	60.24	36.963		
6,850.00	6,600.62	6,600.66	6,599.97	38.05	28.22	135.74	225.95	-458.08	2,235.24	2,174.60	60.64	36.860		
6,900.00	6,649.47	6,652.18	6,651.49	38.25	28.44	115.21	225.44	-457.98	2,241.06	2,179.98	61.07	36.694		
6,950.00	6,698.08	6,703.48	6,702.79	38.42	28.66	98.37	224.84	-457.90	2,243.92	2,182.43	61.49	36.494		
7,000.00	6,746.15	6,744.79	6,744.10	38.57	28.84	86.46	224.40	-457.86	2,243.96	2,182.16	61.80	36.307		
7,050.00	6,793.39	6,785.94	6,785.24	38.71	29.01	78.52	224.10	-457.84	2,241.30	2,179.20	62.10	36.089		
7,100.00	6,839.50	6,826.99	6,826.30	38.84	29.19	73.33	223.92	-457.86	2,235.99	2,173.60	62.39	35.839		
7,150.00	6,884.20	6,867.30	6,866.61	38.97	29.36	70.00	223.80	-457.93	2,228.11	2,165.45	62.66	35.559		
7,200.00	6,927.21	6,906.59	6,905.89	39.11	29.52	68.00	223.73	-458.07	2,217.74	2,154.82	62.92	35.249		
7,250.00	6,968.28	6,946.39	6,945.69	39.25	29.69	67.00	223.69	-458.24	2,204.98	2,141.80	63.18	34.900		
7,300.00	7,007.13	6,984.08	6,983.38	39.41	29.85	66.77	223.67	-458.40	2,189.97	2,126.53	63.44	34.522		
7,350.00	7,043.55	7,022.13	7,021.43	39.58	30.02	67.20	223.67	-458.58	2,172.85	2,109.13	63.71	34.103		
7,400.00	7,077.29	7,059.45	7,058.75	39.77	30.18	68.19	223.61	-458.73	2,153.75	2,089.74	64.01	33.645		
7,450.00	7,108.16	7,093.57	7,092.87	39.98	30.32	69.63	223.51	-458.84	2,132.88	2,068.56	64.32	33.159		
7,500.00	7,135.96	7,119.14	7,118.44	40.22	30.43	71.33	223.42	-458.92	2,110.49	2,045.88	64.61	32.666		
7,550.00	7,160.53	7,140.62	7,139.92	40.49	30.52	73.32	223.37	-459.02	2,086.85	2,021.93	64.91	32.148		
7,600.00	7,181.70	7,159.24	7,158.54	40.79	30.60	75.57	223.34	-459.12	2,062.16	1,996.90	65.26	31.599		
7,650.00	7,199.35	7,174.89	7,174.19	41.13	30.67	78.05	223.33	-459.23	2,036.64	1,970.98	65.65	31.021		
7,700.00	7,213.38	7,187.44	7,186.74	41.51	30.72	80.69	223.33	-459.32	2,010.49	1,944.39	66.10	30.417		
7,750.00	7,223.68	7,196.80	7,196.10	41.93	30.76	83.43	223.33	-459.39	1,983.93	1,917.34	66.59	29.792		
7,800.00	7,230.21	7,203.30	7,202.60	42.38	30.79	86.25	223.34	-459.45	1,957.16	1,890.01	67.15	29.148		
7,850.00	7,232.92	7,206.44	7,205.74	42.87	30.80	89.07	223.34	-459.48	1,930.37	1,862.62	67.75	28.493		
7,858.69	7,233.00	7,206.59	7,205.89	42.95	30.80	89.55	223.34	-459.48	1,925.73	1,857.87	67.86	28.379		
7,900.00	7,233.10	7,207.05	7,206.35	43.38	30.80	89.57	223.34	-459.48	1,903.99	1,835.59	68.40	27.836		
8,000.00	7,233.35	7,208.15	7,207.45	44.56	30.81	89.61	223.34	-459.49	1,854.12	1,784.22	69.90	26.525		
8,100.00	7,233.60	7,209.26	7,208.56	45.91	30.81	89.65	223.34	-459.50	1,808.42	1,736.75	71.67	25.234		
8,200.00	7,233.85	7,210.36	7,209.66	47.41	30.82	89.69	223.34	-459.51	1,767.19	1,693.51	73.68	23.986		
8,300.00	7,234.10	7,211.47	7,210.77	49.05	30.82	89.73	223.34	-459.52	1,730.76	1,654.86	75.91	22.802		
8,400.00	7,234.35	7,212.58	7,211.87	50.81	30.83	89.76	223.34	-459.53	1,699.45	1,621.13	78.32	21.699		
8,500.00	7,234.59	7,213.68	7,212.98	52.68	30.83	89.80	223.34	-459.54	1,673.53	1,592.66	80.88	20.692		
8,600.00	7,234.84	7,214.79	7,214.08	54.65	30.84	89.84	223.35	-459.55	1,653.27	1,569.74	83.53	19.793		
8,700.00	7,235.09	7,215.89	7,215.19	56.70	30.84	89.88	223.35	-459.56	1,638.86	1,552.64	86.22	19.008		
8,800.00	7,235.34	7,217.00	7,216.29	58.82	30.85	89.92	223.35	-459.57	1,630.47	1,541.57	88.90	18.341		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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		
8,887.14	7,235.56	7,217.96	7,217.26	60.72	30.85	89.95	223.35	-459.58	1,628.14	1,536.96	91.19	17.855		
8,900.00	7,235.59	7,218.10	7,217.40	61.01	30.85	89.96	223.35	-459.58	1,628.20	1,536.68	91.52	17.792		
9,000.00	7,235.84	7,219.20	7,218.50	63.25	30.86	90.00	223.35	-459.59	1,632.05	1,538.03	94.02	17.359		
9,100.00	7,236.09	7,220.31	7,219.61	65.55	30.86	90.04	223.35	-459.60	1,642.00	1,545.63	96.37	17.038		
9,200.00	7,236.34	7,221.41	7,220.71	67.89	30.87	90.08	223.35	-459.61	1,657.93	1,559.38	98.54	16.824		
9,300.00	7,236.58	7,222.52	7,221.82	70.27	30.87	90.11	223.35	-459.61	1,679.67	1,579.16	100.51	16.711		
9,400.00	7,236.83	7,223.62	7,222.92	72.69	30.87	90.15	223.35	-459.62	1,707.00	1,604.74	102.26	16.692 SF		
9,500.00	7,237.08	7,224.73	7,224.03	75.14	30.88	90.19	223.35	-459.63	1,739.66	1,635.86	103.80	16.760		
9,600.00	7,237.33	7,225.83	7,225.13	77.62	30.88	90.23	223.35	-459.64	1,777.35	1,672.23	105.12	16.908		
9,700.00	7,237.58	7,226.94	7,226.23	80.12	30.89	90.27	223.36	-459.65	1,819.76	1,713.52	106.23	17.130		
9,800.00	7,237.83	7,228.04	7,227.34	82.65	30.89	90.31	223.36	-459.66	1,866.57	1,759.41	107.16	17.419		
9,900.00	7,238.08	7,229.14	7,228.44	85.20	30.90	90.35	223.36	-459.67	1,917.45	1,809.54	107.91	17.769		
10,000.00	7,238.32	7,230.25	7,229.55	87.77	30.90	90.39	223.36	-459.68	1,972.10	1,863.59	108.50	18.176		
10,100.00	7,238.57	7,231.35	7,230.65	90.36	30.91	90.43	223.36	-459.69	2,030.20	1,921.24	108.96	18.633		
10,200.00	7,238.82	7,232.46	7,231.75	92.97	30.91	90.46	223.36	-459.70	2,091.47	1,982.18	109.29	19.137		
10,300.00	7,239.07	7,233.56	7,232.86	95.59	30.92	90.50	223.36	-459.71	2,155.64	2,046.12	109.52	19.682		
10,400.00	7,239.32	7,234.66	7,233.96	98.22	30.92	90.54	223.36	-459.72	2,222.46	2,112.79	109.67	20.266		
10,500.00	7,239.57	7,235.77	7,235.07	100.87	30.93	90.58	223.36	-459.73	2,291.69	2,181.96	109.73	20.884		
10,600.00	7,239.82	7,236.87	7,236.17	103.52	30.93	90.62	223.36	-459.74	2,363.13	2,253.39	109.74	21.534		
10,700.00	7,240.07	7,237.97	7,237.27	106.19	30.94	90.66	223.36	-459.75	2,436.58	2,326.88	109.69	22.212		
10,800.00	7,240.31	7,239.08	7,238.38	108.87	30.94	90.70	223.37	-459.76	2,511.86	2,402.25	109.61	22.917		
10,900.00	7,240.56	7,240.18	7,239.48	111.56	30.94	90.74	223.37	-459.77	2,588.82	2,479.33	109.48	23.646		
11,000.00	7,240.81	7,241.28	7,240.58	114.25	30.95	90.78	223.37	-459.78	2,667.30	2,557.97	109.33	24.396		
11,100.00	7,241.06	7,242.39	7,241.69	116.96	30.95	90.81	223.37	-459.78	2,747.18	2,638.02	109.16	25.167		
11,200.00	7,241.31	7,243.49	7,242.79	119.67	30.96	90.85	223.37	-459.79	2,828.34	2,719.38	108.97	25.956		
11,300.00	7,241.56	7,244.59	7,243.89	122.39	30.96	90.89	223.37	-459.80	2,910.68	2,801.91	108.76	26.761		
11,400.00	7,241.81	7,245.70	7,244.99	125.11	30.97	90.93	223.37	-459.81	2,994.09	2,885.53	108.55	27.582		
11,500.00	7,242.06	7,246.80	7,246.10	127.84	30.97	90.97	223.37	-459.82	3,078.48	2,970.15	108.33	28.417		
11,600.00	7,242.30	7,247.90	7,247.20	130.58	30.98	91.01	223.37	-459.83	3,163.79	3,055.68	108.11	29.265		
11,700.00	7,242.55	7,249.01	7,248.30	133.32	30.98	91.05	223.37	-459.84	3,249.93	3,142.05	107.88	30.125		
11,800.00	7,242.80	7,250.11	7,249.41	136.07	30.99	91.09	223.37	-459.85	3,336.85	3,229.19	107.66	30.995		
11,900.00	7,243.05	7,251.21	7,250.51	138.82	30.99	91.12	223.37	-459.86	3,424.48	3,317.05	107.43	31.876		
12,000.00	7,243.30	7,252.31	7,251.61	141.58	31.00	91.16	223.38	-459.87	3,512.77	3,405.57	107.21	32.766		
12,100.00	7,243.55	7,253.42	7,252.71	144.34	31.00	91.20	223.38	-459.88	3,601.68	3,494.69	106.98	33.665		
12,200.00	7,243.80	7,254.52	7,253.82	147.10	31.01	91.24	223.38	-459.89	3,691.15	3,584.38	106.77	34.572		
12,300.00	7,244.04	7,255.62	7,254.92	149.87	31.01	91.28	223.38	-459.90	3,781.14	3,674.59	106.55	35.486		
12,400.00	7,244.29	7,256.72	7,256.02	152.64	31.02	91.32	223.38	-459.91	3,871.63	3,765.29	106.34	36.407		
12,500.00	7,244.54	7,257.82	7,257.12	155.41	31.02	91.36	223.38	-459.92	3,962.58	3,856.44	106.14	37.334		
12,600.00	7,244.79	7,258.93	7,258.22	158.19	31.02	91.40	223.38	-459.93	4,053.95	3,948.01	105.94	38.268		
12,700.00	7,245.04	7,260.03	7,259.33	160.97	31.03	91.43	223.38	-459.94	4,145.72	4,039.98	105.74	39.206		
12,800.00	7,245.29	7,261.13	7,260.43	163.75	31.03	91.47	223.38	-459.94	4,237.86	4,132.31	105.55	40.150		
12,900.00	7,245.54	7,262.23	7,261.53	166.54	31.04	91.51	223.38	-459.95	4,330.35	4,224.98	105.37	41.098		
13,000.00	7,245.79	7,263.33	7,262.63	169.33	31.04	91.55	223.38	-459.96	4,423.17	4,317.98	105.19	42.050		
13,100.00	7,246.03	7,264.44	7,263.73	172.12	31.05	91.59	223.39	-459.97	4,516.29	4,411.28	105.01	43.006		
13,200.00	7,246.28	7,265.54	7,264.83	174.91	31.05	91.63	223.39	-459.98	4,609.70	4,504.86	104.85	43.966		
13,300.00	7,246.53	7,266.64	7,265.94	177.71	31.06	91.67	223.39	-459.99	4,703.38	4,598.70	104.68	44.930		
13,400.00	7,246.78	7,267.74	7,267.04	180.50	31.06	91.71	223.39	-460.00	4,797.32	4,692.79	104.53	45.896		
13,500.00	7,247.03	7,268.84	7,268.14	183.30	31.07	91.74	223.39	-460.01	4,891.50	4,787.12	104.37	46.865		
13,600.00	7,247.28	7,269.94	7,269.24	186.10	31.07	91.78	223.39	-460.02	4,985.90	4,881.67	104.23	47.837		
13,700.00	7,247.53	7,271.04	7,270.34	188.91	31.08	91.82	223.39	-460.03	5,080.52	4,976.43	104.08	48.812		
13,800.00	7,247.77	7,272.15	7,271.44	191.71	31.08	91.86	223.39	-460.04	5,175.34	5,071.39	103.95	49.789		
13,900.00	7,248.02	7,273.25	7,272.54	194.52	31.09	91.90	223.39	-460.05	5,270.35	5,166.53	103.81	50.767		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	7,274.35	7,273.64	197.32	31.09	91.94	223.39	-460.06	5,365.54	5,261.85	103.69	51.748		
14,100.00	7,248.52	7,275.45	7,274.74	200.13	31.10	91.98	223.39	-460.07	5,460.90	5,357.34	103.56	52.730		
14,200.00	7,248.77	7,276.55	7,275.85	202.94	31.10	92.02	223.40	-460.08	5,556.43	5,452.98	103.44	53.714		
14,300.00	7,249.02	7,277.65	7,276.95	205.76	31.10	92.05	223.40	-460.09	5,652.11	5,548.78	103.33	54.700		
14,400.00	7,249.27	7,278.75	7,278.05	208.57	31.11	92.09	223.40	-460.10	5,747.94	5,644.72	103.22	55.686		
14,500.00	7,249.52	7,279.85	7,279.15	211.38	31.11	92.13	223.40	-460.10	5,843.90	5,740.79	103.11	56.674		
14,600.00	7,249.76	7,280.95	7,280.25	214.20	31.12	92.17	223.40	-460.11	5,940.00	5,836.99	103.01	57.663		
14,700.00	7,250.01	7,282.05	7,281.35	217.02	31.12	92.21	223.40	-460.12	6,036.23	5,933.32	102.92	58.652		
14,800.00	7,250.26	7,283.15	7,282.45	219.84	31.13	92.25	223.40	-460.13	6,132.58	6,029.76	102.82	59.643		
14,900.00	7,250.51	7,284.25	7,283.55	222.65	31.13	92.29	223.40	-460.14	6,229.04	6,126.31	102.73	60.634		
15,000.00	7,250.76	7,285.35	7,284.65	225.48	31.14	92.32	223.40	-460.15	6,325.61	6,222.97	102.65	61.626		
15,100.00	7,251.01	7,286.45	7,285.75	228.30	31.14	92.36	223.40	-460.16	6,422.29	6,319.72	102.56	62.618		
15,200.00	7,251.26	7,287.55	7,286.85	231.12	31.15	92.40	223.40	-460.17	6,519.06	6,416.58	102.48	63.610		
15,300.00	7,251.50	7,288.65	7,287.95	233.94	31.15	92.44	223.41	-460.18	6,615.94	6,513.53	102.41	64.603		
15,400.00	7,251.75	7,289.75	7,289.05	236.77	31.16	92.48	223.41	-460.19	6,712.90	6,610.56	102.34	65.596		
15,500.00	7,252.00	7,290.85	7,290.15	239.59	31.16	92.52	223.41	-460.20	6,809.95	6,707.68	102.27	66.590		
15,600.00	7,252.25	7,291.95	7,291.25	242.42	31.17	92.56	223.41	-460.21	6,907.09	6,804.89	102.20	67.583		
15,700.00	7,252.50	7,293.05	7,292.35	245.24	31.17	92.59	223.41	-460.22	7,004.30	6,902.16	102.14	68.576		
15,800.00	7,252.75	7,294.15	7,293.45	248.07	31.17	92.63	223.41	-460.23	7,101.60	6,999.52	102.08	69.569		
15,900.00	7,253.00	7,295.25	7,294.55	250.90	31.18	92.67	223.41	-460.24	7,198.96	7,096.94	102.02	70.562		
16,000.00	7,253.25	7,296.35	7,295.65	253.73	31.18	92.71	223.41	-460.25	7,296.40	7,194.43	101.97	71.555		
16,100.00	7,253.49	7,297.45	7,296.75	256.56	31.19	92.75	223.41	-460.26	7,393.91	7,291.99	101.92	72.548		
16,200.00	7,253.74	7,298.55	7,297.85	259.39	31.19	92.79	223.41	-460.26	7,491.48	7,389.61	101.87	73.540		
16,300.00	7,253.99	7,299.65	7,298.95	262.22	31.20	92.83	223.41	-460.27	7,589.11	7,487.29	101.82	74.532		
16,400.00	7,254.24	7,300.75	7,300.04	265.05	31.20	92.87	223.42	-460.28	7,686.81	7,585.03	101.78	75.523		
16,500.00	7,254.49	7,301.85	7,301.14	267.88	31.21	92.90	223.42	-460.29	7,784.56	7,682.82	101.74	76.514		
16,600.00	7,254.74	7,302.95	7,302.24	270.72	31.21	92.94	223.42	-460.30	7,882.37	7,780.67	101.70	77.505		
16,700.00	7,254.99	7,304.05	7,303.34	273.55	31.22	92.98	223.42	-460.31	7,980.24	7,878.57	101.67	78.494		
16,800.00	7,255.24	7,305.15	7,304.44	276.38	31.22	93.02	223.42	-460.32	8,078.16	7,976.52	101.63	79.484		
16,900.00	7,255.48	7,306.24	7,305.54	279.22	31.23	93.06	223.42	-460.33	8,176.12	8,074.52	101.60	80.472		
17,000.00	7,255.73	7,307.34	7,306.64	282.05	31.23	93.10	223.42	-460.34	8,274.14	8,172.56	101.57	81.460		
17,100.00	7,255.98	7,308.44	7,307.74	284.89	31.24	93.13	223.42	-460.35	8,372.20	8,270.65	101.55	82.447		
17,200.00	7,256.23	7,309.54	7,308.84	287.73	31.24	93.17	223.42	-460.36	8,470.31	8,368.78	101.52	83.433		
17,300.00	7,256.48	7,310.64	7,309.93	290.56	31.25	93.21	223.42	-460.37	8,568.46	8,466.96	101.50	84.418		
17,400.00	7,256.73	7,311.74	7,311.03	293.40	31.25	93.25	223.42	-460.38	8,666.65	8,565.17	101.48	85.402		
17,500.00	7,256.98	7,312.84	7,312.13	296.24	31.25	93.29	223.43	-460.39	8,764.88	8,663.42	101.46	86.386		
17,600.00	7,257.22	7,313.93	7,313.23	299.07	31.26	93.33	223.43	-460.40	8,863.16	8,761.71	101.45	87.368		
17,700.00	7,257.47	7,315.03	7,314.33	301.91	31.26	93.37	223.43	-460.41	8,961.47	8,860.04	101.43	88.349		
17,800.00	7,257.72	7,316.13	7,315.42	304.75	31.27	93.40	223.43	-460.41	9,059.82	8,958.40	101.42	89.330		
17,900.00	7,257.97	7,317.23	7,316.52	307.59	31.27	93.44	223.43	-460.42	9,158.20	9,056.79	101.41	90.309		
18,000.00	7,258.22	7,318.33	7,317.62	310.43	31.28	93.48	223.43	-460.43	9,256.62	9,155.22	101.40	91.287		
18,100.00	7,258.47	7,319.42	7,318.72	313.27	31.28	93.52	223.43	-460.44	9,355.07	9,253.68	101.39	92.264		
18,200.00	7,258.72	7,320.52	7,319.82	316.11	31.29	93.56	223.43	-460.45	9,453.55	9,352.16	101.39	93.240		
18,300.00	7,258.97	7,321.62	7,320.91	318.95	31.29	93.60	223.43	-460.46	9,552.07	9,450.68	101.39	94.215		
18,400.00	7,259.21	7,322.72	7,322.01	321.79	31.30	93.64	223.43	-460.47	9,650.61	9,549.23	101.38	95.188		
18,500.00	7,259.46	7,323.81	7,323.11	324.63	31.30	93.67	223.43	-460.48	9,749.19	9,647.80	101.38	96.160		
18,600.00	7,259.71	7,324.91	7,324.21	327.48	31.31	93.71	223.44	-460.49	9,847.79	9,746.41	101.39	97.131		
18,700.00	7,259.96	7,326.01	7,325.30	330.32	31.31	93.75	223.44	-460.50	9,946.42	9,845.03	101.39	98.101		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	-117.66	-2,246.67	-4,287.00	4,840.05					
100.00	100.00	106.63	106.63	3.28	3.29	-117.66	-2,246.58	-4,286.79	4,839.85	4,833.28	6.57	736.347		
193.08	193.08	179.08	179.08	3.33	3.33	-117.66	-2,246.40	-4,286.74	4,839.67	4,833.02	6.66	726.911		
200.00	200.00	184.64	184.64	3.34	3.33	-117.66	-2,246.38	-4,286.75	4,839.67	4,833.01	6.67	725.876		
300.00	300.00	319.16	319.15	3.44	3.48	-117.65	-2,245.46	-4,286.85	4,839.45	4,832.53	6.92	699.148		
389.13	389.11	417.26	417.25	3.58	3.64	105.98	-2,244.84	-4,286.37	4,839.19	4,831.97	7.22	670.614		
400.00	399.98	417.57	417.56	3.60	3.64	105.98	-2,244.84	-4,286.39	4,839.22	4,831.99	7.23	668.879		
500.00	499.84	485.31	485.31	3.79	3.77	106.00	-2,244.69	-4,286.22	4,840.34	4,832.78	7.56	640.269		
600.00	599.45	586.29	586.28	4.03	4.00	106.06	-2,244.45	-4,286.43	4,842.83	4,834.81	8.02	603.575		
700.00	698.70	723.88	723.87	4.30	4.37	106.20	-2,243.37	-4,286.29	4,845.78	4,837.12	8.66	559.575		
800.00	797.47	819.66	819.64	4.60	4.65	106.30	-2,242.82	-4,285.69	4,849.38	4,840.13	9.25	524.349		
900.00	895.62	897.45	897.43	4.94	4.89	106.38	-2,242.69	-4,285.29	4,854.29	4,844.46	9.83	493.719		
1,000.00	993.06	973.79	973.77	5.32	5.14	106.45	-2,242.70	-4,285.19	4,860.69	4,850.24	10.45	464.956		
1,100.00	1,089.64	1,061.53	1,061.52	5.73	5.43	106.56	-2,242.60	-4,285.48	4,868.53	4,857.37	11.16	436.372		
1,131.50	1,119.87	1,090.97	1,090.96	5.87	5.53	106.60	-2,242.49	-4,285.63	4,871.25	4,859.86	11.39	427.554		
1,200.00	1,185.51	1,182.90	1,182.87	6.18	5.85	106.91	-2,241.96	-4,285.96	4,877.18	4,865.16	12.02	405.790		
1,300.00	1,281.33	1,278.29	1,278.27	6.65	6.20	107.22	-2,241.48	-4,285.89	4,885.62	4,872.80	12.82	380.987		
1,400.00	1,377.14	1,363.87	1,363.85	7.13	6.51	107.49	-2,241.48	-4,285.77	4,894.36	4,880.75	13.62	359.466		
1,500.00	1,472.96	1,442.88	1,442.85	7.63	6.80	107.74	-2,241.70	-4,285.78	4,903.50	4,889.10	14.40	340.506		
1,600.00	1,568.78	1,520.20	1,520.17	8.14	7.09	107.99	-2,241.98	-4,286.11	4,913.18	4,897.99	15.19	323.384		
1,700.00	1,664.60	1,605.35	1,605.33	8.66	7.41	108.26	-2,242.33	-4,286.70	4,923.27	4,907.25	16.03	307.171		
1,800.00	1,760.41	1,689.64	1,689.60	9.19	7.74	108.52	-2,242.90	-4,287.41	4,933.73	4,916.86	16.87	292.461		
1,900.00	1,856.23	1,774.27	1,774.23	9.73	8.07	108.79	-2,243.64	-4,288.25	4,944.54	4,926.82	17.72	279.009		
2,000.00	1,952.05	1,911.28	1,911.23	10.27	8.61	109.22	-2,244.61	-4,289.43	4,955.37	4,936.57	18.80	263.653		
2,100.00	2,047.86	2,034.78	2,034.73	10.81	9.10	109.60	-2,245.36	-4,289.56	4,965.61	4,945.78	19.82	250.496		
2,200.00	2,143.68	2,156.63	2,156.57	11.36	9.58	109.97	-2,245.35	-4,289.04	4,975.24	4,954.39	20.85	238.604		
2,300.00	2,239.50	2,243.50	2,243.44	11.92	9.93	110.24	-2,245.52	-4,288.50	4,984.94	4,963.20	21.74	229.287		
2,400.00	2,335.32	2,317.70	2,317.64	12.47	10.23	110.46	-2,246.15	-4,288.09	4,995.10	4,972.52	22.58	221.206		
2,500.00	2,431.13	2,380.64	2,380.58	13.03	10.49	110.65	-2,246.83	-4,288.08	5,005.94	4,982.57	23.38	214.151		
2,600.00	2,526.95	2,464.73	2,464.66	13.59	10.83	110.90	-2,247.71	-4,288.57	5,017.41	4,993.15	24.26	206.804		
2,700.00	2,622.77	2,575.53	2,575.46	14.15	11.28	111.23	-2,248.61	-4,289.25	5,028.99	5,003.72	25.27	199.049		
2,800.00	2,718.59	2,682.17	2,682.09	14.72	11.72	111.55	-2,249.50	-4,289.50	5,040.36	5,014.11	26.25	191.988		
2,900.00	2,814.40	2,777.30	2,777.22	15.29	12.11	111.83	-2,250.43	-4,289.60	5,051.79	5,024.59	27.19	185.765		
3,000.00	2,910.22	2,849.99	2,849.90	15.85	12.41	112.04	-2,251.27	-4,289.76	5,063.54	5,035.50	28.04	180.589		
3,100.00	3,006.04	2,934.16	2,934.06	16.42	12.76	112.29	-2,252.17	-4,290.49	5,075.92	5,046.99	28.93	175.429		
3,200.00	3,101.85	3,062.75	3,062.65	16.99	13.29	112.67	-2,252.94	-4,291.26	5,088.06	5,058.03	30.03	169.446		
3,300.00	3,197.67	3,150.58	3,150.47	17.56	13.65	112.93	-2,253.65	-4,291.45	5,100.06	5,069.11	30.94	164.827		
3,400.00	3,293.49	3,225.74	3,225.63	18.14	13.96	113.14	-2,254.58	-4,291.81	5,112.55	5,080.75	31.80	160.771		
3,500.00	3,389.31	3,305.62	3,305.50	18.71	14.30	113.37	-2,255.61	-4,292.50	5,125.53	5,092.85	32.68	156.843		
3,600.00	3,485.12	3,437.05	3,436.93	19.28	14.84	113.75	-2,256.55	-4,293.45	5,138.30	5,104.51	33.79	152.055		
3,700.00	3,580.94	3,534.29	3,534.15	19.86	15.25	114.04	-2,256.92	-4,293.99	5,150.98	5,116.23	34.75	148.224		
3,800.00	3,676.76	3,631.50	3,631.36	20.43	15.66	114.32	-2,257.24	-4,294.53	5,163.77	5,128.06	35.71	144.599		
3,900.00	3,772.58	3,728.68	3,728.55	21.01	16.06	114.60	-2,257.50	-4,295.05	5,176.65	5,139.98	36.67	141.165		
4,000.00	3,868.39	3,825.85	3,825.72	21.58	16.47	114.88	-2,257.70	-4,295.56	5,189.64	5,152.01	37.63	137.908		
4,100.00	3,964.21	3,923.00	3,922.86	22.16	16.88	115.16	-2,257.85	-4,296.06	5,202.73	5,164.13	38.59	134.816		
4,200.00	4,060.03	4,020.13	4,019.99	22.74	17.29	115.44	-2,257.94	-4,296.56	5,215.92	5,176.36	39.55	131.876		
4,300.00	4,155.85	4,117.23	4,117.09	23.32	17.70	115.72	-2,257.97	-4,297.04	5,229.21	5,188.69	40.51	129.078		
4,400.00	4,251.66	4,215.46	4,215.32	23.89	18.11	116.00	-2,257.93	-4,297.52	5,242.60	5,201.12	41.48	126.396		
4,500.00	4,347.48	4,319.08	4,318.94	24.47	18.54	116.30	-2,257.61	-4,297.99	5,256.00	5,213.53	42.47	123.764		
4,600.00	4,443.30	4,416.79	4,416.65	25.05	18.96	116.58	-2,256.98	-4,298.43	5,269.44	5,226.01	43.43	121.331		
4,700.00	4,539.11	4,500.00	4,499.85	25.63	19.31	116.82	-2,256.35	-4,298.83	5,283.03	5,238.71	44.32	119.189		
4,800.00	4,634.93	4,572.46	4,572.30	26.21	19.61	117.03	-2,255.75	-4,299.46	5,297.09	5,251.92	45.17	117.276		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	4,730.75	4,667.69	4,667.52	26.79	20.01	117.31	-2,254.84	-4,300.73	5,311.66	5,265.54	46.12	115.177		
5,000.00	4,826.57	4,775.42	4,775.24	27.37	20.47	117.62	-2,253.75	-4,301.91	5,326.12	5,278.99	47.13	113.018		
5,100.00	4,922.38	4,900.20	4,900.01	27.95	21.00	117.98	-2,253.16	-4,302.66	5,340.40	5,292.18	48.22	110.759		
5,200.00	5,018.20	4,986.15	4,985.96	28.53	21.36	118.20	-2,253.76	-4,302.73	5,354.58	5,305.46	49.12	109.005		
5,300.00	5,114.02	5,064.34	5,064.15	29.11	21.69	118.41	-2,254.54	-4,302.93	5,369.11	5,319.12	49.99	107.403		
5,400.00	5,209.84	5,150.15	5,149.96	29.69	22.05	118.64	-2,255.20	-4,303.48	5,384.04	5,333.15	50.89	105.789		
5,500.00	5,305.65	5,242.31	5,242.11	30.27	22.44	118.88	-2,255.53	-4,304.23	5,399.17	5,347.34	51.83	104.174		
5,600.00	5,401.47	5,365.95	5,365.75	30.86	22.97	119.21	-2,256.07	-4,305.13	5,414.38	5,361.46	52.91	102.323		
5,700.00	5,497.29	5,474.42	5,474.21	31.44	23.43	119.49	-2,256.91	-4,305.13	5,429.03	5,375.11	53.93	100.674		
5,800.00	5,593.10	5,582.17	5,581.95	32.02	23.88	119.76	-2,258.64	-4,304.83	5,443.74	5,388.80	54.94	99.092		
5,900.00	5,688.92	5,669.19	5,668.96	32.60	24.25	119.98	-2,259.93	-4,304.53	5,458.44	5,402.60	55.84	97.744		
6,000.00	5,784.74	5,739.65	5,739.41	33.18	24.55	120.15	-2,260.88	-4,304.53	5,473.55	5,416.88	56.67	96.586		
6,100.00	5,880.56	5,804.89	5,804.64	33.76	24.83	120.31	-2,261.83	-4,304.91	5,489.31	5,431.84	57.47	95.519		
6,200.00	5,976.37	5,906.29	5,906.03	34.35	25.26	120.57	-2,262.89	-4,305.81	5,505.38	5,446.93	58.45	94.197		
6,300.00	6,072.19	6,038.42	6,038.16	34.93	25.82	120.91	-2,263.14	-4,306.71	5,521.19	5,461.62	59.57	92.678		
6,400.00	6,168.01	6,159.29	6,159.03	35.51	26.33	121.22	-2,263.13	-4,306.80	5,536.49	5,475.85	60.64	91.294		
6,500.00	6,263.83	6,343.40	6,256.34	36.09	27.11	121.47	-2,263.41	-4,306.61	5,551.70	5,489.73	61.97	89.592		
6,600.00	6,359.64	6,352.57	6,352.31	36.68	27.15	121.71	-2,263.92	-4,306.39	5,567.04	5,504.49	62.55	89.007		
6,700.00	6,455.46	6,448.54	6,448.28	37.26	27.56	121.94	-2,264.43	-4,306.18	5,582.47	5,518.98	63.49	87.922		
6,733.48	6,487.54	6,480.68	6,480.41	37.45	27.69	122.02	-2,264.60	-4,306.11	5,587.66	5,523.85	63.81	87.567		
6,750.00	6,503.41	6,496.57	6,496.30	37.55	27.76	118.20	-2,264.68	-4,306.07	5,590.02	5,526.05	63.97	87.391		
6,800.00	6,551.83	6,545.06	6,544.80	37.82	27.97	103.43	-2,264.94	-4,305.96	5,594.61	5,530.19	64.42	86.840		
6,850.00	6,600.62	6,593.91	6,593.64	38.05	28.17	84.17	-2,265.20	-4,305.86	5,595.37	5,530.51	64.86	86.265		
6,900.00	6,649.47	6,642.81	6,642.55	38.25	28.38	63.82	-2,265.46	-4,305.75	5,592.29	5,527.02	65.27	85.678		
6,950.00	6,698.08	6,691.47	6,691.20	38.42	28.59	46.85	-2,265.72	-4,305.64	5,585.37	5,519.73	65.65	85.081		
7,000.00	6,746.15	6,739.57	6,739.30	38.57	28.79	34.57	-2,265.97	-4,305.53	5,574.67	5,508.68	65.99	84.474		
7,050.00	6,793.39	6,786.84	6,786.57	38.71	28.99	25.97	-2,266.22	-4,305.42	5,560.24	5,493.93	66.31	83.851		
7,100.00	6,839.50	6,832.96	6,832.69	38.84	29.19	19.82	-2,266.47	-4,305.32	5,542.17	5,475.56	66.60	83.210		
7,150.00	6,884.20	6,877.67	6,877.39	38.97	29.38	15.23	-2,266.70	-4,305.22	5,520.56	5,453.68	66.87	82.551		
7,200.00	6,927.21	6,920.68	6,920.40	39.11	29.56	11.62	-2,266.93	-4,305.13	5,495.55	5,428.43	67.12	81.873		
7,250.00	6,968.28	6,961.72	6,961.45	39.25	29.74	8.64	-2,267.15	-4,305.03	5,467.29	5,399.94	67.35	81.176		
7,300.00	7,007.13	7,000.56	7,000.28	39.41	29.90	6.04	-2,267.36	-4,304.95	5,435.95	5,368.39	67.56	80.463		
7,350.00	7,043.55	7,036.94	7,036.66	39.58	30.06	3.62	-2,267.55	-4,304.87	5,401.72	5,333.97	67.75	79.734		
7,400.00	7,077.29	7,070.64	7,070.36	39.77	30.20	1.25	-2,267.73	-4,304.79	5,364.81	5,296.89	67.92	78.990		
7,450.00	7,108.16	7,101.45	7,101.18	39.98	30.33	-1.25	-2,267.89	-4,304.72	5,325.45	5,257.38	68.07	78.235		
7,500.00	7,135.96	7,129.19	7,128.92	40.22	30.45	-4.05	-2,268.04	-4,304.66	5,283.88	5,215.68	68.21	77.468		
7,550.00	7,160.53	7,153.69	7,153.41	40.49	30.55	-7.41	-2,268.17	-4,304.61	5,240.37	5,172.04	68.33	76.694		
7,600.00	7,181.70	7,174.78	7,174.51	40.79	30.64	-11.71	-2,268.28	-4,304.56	5,195.17	5,126.73	68.44	75.913		
7,650.00	7,199.35	7,192.35	7,192.07	41.13	30.72	-17.60	-2,268.38	-4,304.52	5,148.57	5,080.04	68.53	75.129		
7,700.00	7,213.38	7,206.28	7,206.01	41.51	30.78	-26.25	-2,268.45	-4,304.49	5,100.86	5,032.25	68.61	74.344		
7,750.00	7,223.68	7,216.49	7,216.21	41.93	30.82	-39.59	-2,268.50	-4,304.47	5,052.33	4,983.65	68.68	73.561		
7,800.00	7,230.21	7,222.92	7,222.64	42.38	30.85	-59.86	-2,268.54	-4,304.45	5,003.30	4,934.55	68.74	72.782		
7,850.00	7,232.92	7,225.52	7,225.24	42.87	30.86	-85.27	-2,268.55	-4,304.44	4,954.06	4,885.26	68.80	72.010		
7,858.69	7,233.00	7,225.58	7,225.30	42.95	30.86	-89.62	-2,268.55	-4,304.44	4,945.50	4,876.69	68.81	71.876		
7,900.00	7,233.10	7,225.59	7,225.31	43.38	30.86	-89.62	-2,268.55	-4,304.44	4,904.84	4,836.00	68.85	71.243		
8,000.00	7,233.35	7,225.61	7,225.33	44.56	30.86	-89.62	-2,268.55	-4,304.44	4,806.47	4,737.51	68.96	69.704		
8,100.00	7,233.60	7,225.64	7,225.36	45.91	30.86	-89.62	-2,268.55	-4,304.44	4,708.16	4,639.09	69.08	68.157		
8,200.00	7,233.85	7,225.66	7,225.38	47.41	30.86	-89.62	-2,268.55	-4,304.44	4,609.93	4,540.71	69.22	66.600		
8,300.00	7,234.10	7,225.68	7,225.41	49.05	30.86	-89.63	-2,268.55	-4,304.44	4,511.78	4,442.40	69.37	65.035		
8,400.00	7,234.35	7,225.71	7,225.43	50.81	30.86	-89.63	-2,268.55	-4,304.44	4,413.70	4,344.15	69.55	63.460		
8,500.00	7,234.59	7,225.73	7,225.45	52.68	30.86	-89.63	-2,268.55	-4,304.44	4,315.72	4,245.97	69.75	61.875		
8,600.00	7,234.84	7,225.76	7,225.48	54.65	30.86	-89.63	-2,268.55	-4,304.44	4,217.83	4,147.86	69.97	60.281		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,235.09	7,225.78	7,225.50	56.70	30.86	-89.63	-2,268.55	-4,304.44	4,120.04	4,049.83	70.21	58.678		
8,800.00	7,235.34	7,225.81	7,225.53	58.82	30.86	-89.63	-2,268.55	-4,304.44	4,022.36	3,951.87	70.49	57.064		
8,900.00	7,235.59	7,225.83	7,225.55	61.01	30.86	-89.64	-2,268.55	-4,304.44	3,924.80	3,854.01	70.79	55.440		
9,000.00	7,235.84	7,225.85	7,225.58	63.25	30.86	-89.64	-2,268.55	-4,304.44	3,827.36	3,756.23	71.13	53.807		
9,100.00	7,236.09	7,225.88	7,225.60	65.55	30.86	-89.64	-2,268.55	-4,304.44	3,730.06	3,658.56	71.51	52.164		
9,200.00	7,236.34	7,225.90	7,225.62	67.89	30.86	-89.64	-2,268.55	-4,304.44	3,632.91	3,560.98	71.92	50.511		
9,300.00	7,236.58	7,225.93	7,225.65	70.27	30.86	-89.64	-2,268.55	-4,304.44	3,535.91	3,463.53	72.38	48.849		
9,400.00	7,236.83	7,225.95	7,225.67	72.69	30.86	-89.64	-2,268.55	-4,304.44	3,439.09	3,366.19	72.90	47.178		
9,500.00	7,237.08	7,225.98	7,225.70	75.14	30.86	-89.64	-2,268.55	-4,304.44	3,342.45	3,268.99	73.46	45.499		
9,600.00	7,237.33	7,226.00	7,225.72	77.62	30.86	-89.65	-2,268.55	-4,304.44	3,246.02	3,171.93	74.09	43.812		
9,700.00	7,237.58	7,226.02	7,225.75	80.12	30.86	-89.65	-2,268.55	-4,304.44	3,149.81	3,075.02	74.78	42.118		
9,800.00	7,237.83	7,226.05	7,225.77	82.65	30.86	-89.65	-2,268.55	-4,304.44	3,053.84	2,978.29	75.55	40.419		
9,900.00	7,238.08	7,226.07	7,225.79	85.20	30.86	-89.65	-2,268.55	-4,304.44	2,958.14	2,881.73	76.41	38.715		
10,000.00	7,238.32	7,226.10	7,225.82	87.77	30.86	-89.65	-2,268.55	-4,304.44	2,862.74	2,785.38	77.35	37.009		
10,100.00	7,238.57	7,226.12	7,225.84	90.36	30.86	-89.65	-2,268.55	-4,304.44	2,767.65	2,689.25	78.40	35.302		
10,200.00	7,238.82	7,226.15	7,225.87	92.97	30.86	-89.66	-2,268.55	-4,304.44	2,672.93	2,593.37	79.56	33.596		
10,300.00	7,239.07	7,226.17	7,225.89	95.59	30.86	-89.66	-2,268.56	-4,304.44	2,578.61	2,497.76	80.85	31.894		
10,400.00	7,239.32	7,226.19	7,225.92	98.22	30.86	-89.66	-2,268.56	-4,304.44	2,484.73	2,402.45	82.28	30.200		
10,500.00	7,239.57	7,226.22	7,225.94	100.87	30.86	-89.66	-2,268.56	-4,304.44	2,391.34	2,307.48	83.86	28.515		
10,600.00	7,239.82	7,226.24	7,225.96	103.52	30.86	-89.66	-2,268.56	-4,304.44	2,298.52	2,212.90	85.62	26.845		
10,700.00	7,240.07	7,226.27	7,225.99	106.19	30.86	-89.66	-2,268.56	-4,304.44	2,206.32	2,118.74	87.58	25.193		
10,800.00	7,240.31	7,226.29	7,226.01	108.87	30.86	-89.67	-2,268.56	-4,304.44	2,114.83	2,025.08	89.75	23.563		
10,900.00	7,240.56	7,226.32	7,226.04	111.56	30.86	-89.67	-2,268.56	-4,304.44	2,024.14	1,931.97	92.17	21.961		
11,000.00	7,240.81	7,226.34	7,226.06	114.25	30.86	-89.67	-2,268.56	-4,304.44	1,934.37	1,839.52	94.86	20.393		
11,100.00	7,241.06	7,226.36	7,226.09	116.96	30.86	-89.67	-2,268.56	-4,304.44	1,845.66	1,747.81	97.85	18.862		
11,200.00	7,241.31	7,226.39	7,226.11	119.67	30.86	-89.67	-2,268.56	-4,304.44	1,758.16	1,656.98	101.18	17.377		
11,300.00	7,241.56	7,226.41	7,226.13	122.39	30.86	-89.67	-2,268.56	-4,304.44	1,672.06	1,567.17	104.88	15.942		
11,400.00	7,241.81	7,226.44	7,226.16	125.11	30.86	-89.67	-2,268.56	-4,304.44	1,587.58	1,478.58	109.01	14.564		
11,500.00	7,242.06	7,226.46	7,226.18	127.84	30.86	-89.68	-2,268.56	-4,304.44	1,505.02	1,391.44	113.58	13.250		
11,600.00	7,242.30	7,226.49	7,226.21	130.58	30.86	-89.68	-2,268.56	-4,304.44	1,424.69	1,306.03	118.66	12.007		
11,700.00	7,242.55	7,226.51	7,226.23	133.32	30.86	-89.68	-2,268.56	-4,304.44	1,346.99	1,222.73	124.26	10.840		
11,800.00	7,242.80	7,226.53	7,226.26	136.07	30.86	-89.68	-2,268.56	-4,304.44	1,272.42	1,142.00	130.42	9.756		
11,900.00	7,243.05	7,226.56	7,226.28	138.82	30.86	-89.68	-2,268.56	-4,304.44	1,201.54	1,064.41	137.13	8.762		
12,000.00	7,243.30	7,226.58	7,226.30	141.58	30.86	-89.68	-2,268.56	-4,304.44	1,135.06	990.69	144.37	7.862		
12,100.00	7,243.55	7,226.61	7,226.33	144.34	30.86	-89.69	-2,268.56	-4,304.44	1,073.78	921.74	152.04	7.062		
12,200.00	7,243.80	7,226.63	7,226.35	147.10	30.86	-89.69	-2,268.56	-4,304.44	1,018.66	858.67	159.99	6.367		
12,300.00	7,244.04	7,226.66	7,226.38	149.87	30.86	-89.69	-2,268.56	-4,304.44	970.73	802.79	167.95	5.780		
12,400.00	7,244.29	7,226.68	7,226.40	152.64	30.86	-89.69	-2,268.56	-4,304.44	931.12	755.55	175.57	5.303		
12,500.00	7,244.54	7,226.70	7,226.43	155.41	30.87	-89.69	-2,268.56	-4,304.44	900.91	718.51	182.40	4.939		
12,600.00	7,244.79	7,226.73	7,226.45	158.19	30.87	-89.69	-2,268.56	-4,304.44	881.07	693.11	187.96	4.687		
12,700.00	7,245.04	7,226.75	7,226.47	160.97	30.87	-89.70	-2,268.56	-4,304.44	872.32	680.47	191.85	4.547		
12,726.73	7,245.11	7,226.76	7,226.48	161.71	30.87	-89.70	-2,268.56	-4,304.44	871.91	679.35	192.56	4.528 CC, ES		
12,800.00	7,245.29	7,226.78	7,226.50	163.75	30.87	-89.70	-2,268.56	-4,304.44	874.98	681.21	193.78	4.515 SF		
12,900.00	7,245.54	7,226.80	7,226.52	166.54	30.87	-89.70	-2,268.56	-4,304.44	888.96	695.25	193.71	4.589		
13,000.00	7,245.79	7,226.82	7,226.55	169.33	30.87	-89.70	-2,268.56	-4,304.44	913.73	721.89	191.84	4.763		
13,100.00	7,246.03	7,226.85	7,226.57	172.12	30.87	-89.70	-2,268.56	-4,304.44	948.45	759.96	188.50	5.032		
13,200.00	7,246.28	7,226.87	7,226.60	174.91	30.87	-89.70	-2,268.56	-4,304.44	992.08	807.98	184.09	5.389		
13,300.00	7,246.53	7,226.90	7,226.62	177.71	30.87	-89.71	-2,268.56	-4,304.44	1,043.49	864.46	179.03	5.828		
13,400.00	7,246.78	7,226.92	7,226.64	180.50	30.87	-89.71	-2,268.56	-4,304.44	1,101.60	927.95	173.65	6.344		
13,500.00	7,247.03	7,226.95	7,226.67	183.30	30.87	-89.71	-2,268.56	-4,304.44	1,165.41	997.20	168.21	6.928		
13,600.00	7,247.28	7,226.97	7,226.69	186.10	30.87	-89.71	-2,268.56	-4,304.44	1,234.03	1,071.16	162.88	7.577		
13,700.00	7,247.53	7,226.99	7,226.72	188.91	30.87	-89.71	-2,268.56	-4,304.44	1,306.71	1,148.94	157.77	8.283		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,247.77	7,227.02	7,226.74	191.71	30.87	-89.71	-2,268.56	-4,304.44	1,382.80	1,229.86	152.95	9.041		
13,900.00	7,248.02	7,227.04	7,226.77	194.52	30.87	-89.71	-2,268.56	-4,304.44	1,461.78	1,313.34	148.44	9.847		
14,000.00	7,248.27	7,227.07	7,226.79	197.32	30.87	-89.72	-2,268.56	-4,304.44	1,543.20	1,398.93	144.27	10.697		
14,100.00	7,248.52	7,227.09	7,226.81	200.13	30.87	-89.72	-2,268.56	-4,304.44	1,626.69	1,486.28	140.41	11.586		
14,200.00	7,248.77	7,227.12	7,226.84	202.94	30.87	-89.72	-2,268.56	-4,304.44	1,711.95	1,575.10	136.85	12.510		
14,300.00	7,249.02	7,227.14	7,226.86	205.76	30.87	-89.72	-2,268.56	-4,304.44	1,798.73	1,665.15	133.58	13.466		
14,400.00	7,249.27	7,227.16	7,226.89	208.57	30.87	-89.72	-2,268.56	-4,304.44	1,886.82	1,756.25	130.57	14.451		
14,500.00	7,249.52	7,227.19	7,226.91	211.38	30.87	-89.72	-2,268.56	-4,304.44	1,976.04	1,848.24	127.80	15.462		
14,600.00	7,249.76	7,227.21	7,226.94	214.20	30.87	-89.73	-2,268.56	-4,304.44	2,066.25	1,941.00	125.25	16.497		
14,700.00	7,250.01	7,227.24	7,226.96	217.02	30.87	-89.73	-2,268.56	-4,304.44	2,157.32	2,034.43	122.90	17.554		
14,800.00	7,250.26	7,227.26	7,226.98	219.84	30.87	-89.73	-2,268.56	-4,304.44	2,249.15	2,128.43	120.73	18.630		
14,900.00	7,250.51	7,227.29	7,227.01	222.65	30.87	-89.73	-2,268.56	-4,304.44	2,341.66	2,222.93	118.73	19.723		
15,000.00	7,250.76	7,227.31	7,227.03	225.48	30.87	-89.73	-2,268.56	-4,304.44	2,434.75	2,317.88	116.87	20.832		
15,100.00	7,251.01	7,227.33	7,227.06	228.30	30.87	-89.73	-2,268.56	-4,304.44	2,528.37	2,413.21	115.16	21.956		
15,200.00	7,251.26	7,227.36	7,227.08	231.12	30.87	-89.74	-2,268.56	-4,304.44	2,622.46	2,508.90	113.57	23.092		
15,300.00	7,251.50	7,227.38	7,227.11	233.94	30.87	-89.74	-2,268.56	-4,304.44	2,716.98	2,604.89	112.09	24.240		
15,400.00	7,251.75	7,227.41	7,227.13	236.77	30.87	-89.74	-2,268.56	-4,304.44	2,811.87	2,701.16	110.71	25.398		
15,500.00	7,252.00	7,227.43	7,227.15	239.59	30.87	-89.74	-2,268.56	-4,304.44	2,907.11	2,797.68	109.43	26.566		
15,600.00	7,252.25	7,227.46	7,227.18	242.42	30.87	-89.74	-2,268.56	-4,304.44	3,002.65	2,894.42	108.23	27.742		
15,700.00	7,252.50	7,227.48	7,227.20	245.24	30.87	-89.74	-2,268.56	-4,304.44	3,098.48	2,991.36	107.12	28.926		
15,800.00	7,252.75	7,227.50	7,227.23	248.07	30.87	-89.75	-2,268.56	-4,304.44	3,194.57	3,088.49	106.08	30.116		
15,900.00	7,253.00	7,227.53	7,227.25	250.90	30.87	-89.75	-2,268.56	-4,304.44	3,290.88	3,185.78	105.10	31.312		
16,000.00	7,253.25	7,227.55	7,227.28	253.73	30.87	-89.75	-2,268.56	-4,304.44	3,387.41	3,283.23	104.18	32.514		
16,100.00	7,253.49	7,227.58	7,227.30	256.56	30.87	-89.75	-2,268.56	-4,304.44	3,484.14	3,380.81	103.32	33.720		
16,200.00	7,253.74	7,227.60	7,227.32	259.39	30.87	-89.75	-2,268.56	-4,304.44	3,581.04	3,478.52	102.52	34.931		
16,300.00	7,253.99	7,227.63	7,227.35	262.22	30.87	-89.75	-2,268.56	-4,304.44	3,678.11	3,576.35	101.76	36.145		
16,400.00	7,254.24	7,227.65	7,227.37	265.05	30.87	-89.75	-2,268.56	-4,304.44	3,775.34	3,674.29	101.05	37.362		
16,500.00	7,254.49	7,227.67	7,227.40	267.88	30.87	-89.76	-2,268.56	-4,304.44	3,872.70	3,772.33	100.37	38.582		
16,600.00	7,254.74	7,227.70	7,227.42	270.72	30.87	-89.76	-2,268.56	-4,304.44	3,970.20	3,870.46	99.74	39.805		
16,700.00	7,254.99	7,227.72	7,227.45	273.55	30.87	-89.76	-2,268.56	-4,304.44	4,067.82	3,968.67	99.14	41.029		
16,800.00	7,255.24	7,227.75	7,227.47	276.38	30.87	-89.76	-2,268.56	-4,304.44	4,165.55	4,066.97	98.58	42.255		
16,900.00	7,255.48	7,227.77	7,227.49	279.22	30.87	-89.76	-2,268.56	-4,304.44	4,263.39	4,165.34	98.05	43.482		
17,000.00	7,255.73	7,227.80	7,227.52	282.05	30.87	-89.76	-2,268.56	-4,304.44	4,361.32	4,263.77	97.55	44.710		
17,100.00	7,255.98	7,227.82	7,227.54	284.89	30.87	-89.77	-2,268.56	-4,304.44	4,459.35	4,362.27	97.07	45.939		
17,200.00	7,256.23	7,227.84	7,227.57	287.73	30.87	-89.77	-2,268.56	-4,304.44	4,557.46	4,460.84	96.62	47.168		
17,300.00	7,256.48	7,227.87	7,227.59	290.56	30.87	-89.77	-2,268.56	-4,304.44	4,655.65	4,559.45	96.20	48.398		
17,400.00	7,256.73	7,227.89	7,227.61	293.40	30.87	-89.77	-2,268.56	-4,304.44	4,753.92	4,658.13	95.79	49.627		
17,500.00	7,256.98	7,227.92	7,227.64	296.24	30.87	-89.77	-2,268.56	-4,304.44	4,852.26	4,756.85	95.41	50.857		
17,600.00	7,257.22	7,227.94	7,227.66	299.07	30.87	-89.77	-2,268.56	-4,304.44	4,950.66	4,855.61	95.05	52.086		
17,700.00	7,257.47	7,227.97	7,227.69	301.91	30.87	-89.78	-2,268.56	-4,304.44	5,049.13	4,954.42	94.71	53.314		
17,800.00	7,257.72	7,227.99	7,227.71	304.75	30.87	-89.78	-2,268.56	-4,304.44	5,147.65	5,053.27	94.38	54.542		
17,900.00	7,257.97	7,228.01	7,227.74	307.59	30.87	-89.78	-2,268.56	-4,304.44	5,246.24	5,152.17	94.07	55.768		
18,000.00	7,258.22	7,228.04	7,227.76	310.43	30.87	-89.78	-2,268.57	-4,304.44	5,344.87	5,251.09	93.78	56.994		
18,100.00	7,258.47	7,228.06	7,227.78	313.27	30.87	-89.78	-2,268.57	-4,304.44	5,443.56	5,350.05	93.50	58.218		
18,200.00	7,258.72	7,228.09	7,227.81	316.11	30.87	-89.78	-2,268.57	-4,304.44	5,542.29	5,449.05	93.24	59.442		
18,300.00	7,258.97	7,228.11	7,227.83	318.95	30.87	-89.78	-2,268.57	-4,304.44	5,641.07	5,548.08	92.99	60.663		
18,400.00	7,259.21	7,228.14	7,227.86	321.79	30.87	-89.79	-2,268.57	-4,304.44	5,739.88	5,647.13	92.75	61.883		
18,500.00	7,259.46	7,228.16	7,227.88	324.63	30.87	-89.79	-2,268.57	-4,304.44	5,838.74	5,746.22	92.53	63.102		
18,600.00	7,259.71	7,228.18	7,227.91	327.48	30.87	-89.79	-2,268.57	-4,304.44	5,937.64	5,845.33	92.32	64.319		
18,700.00	7,259.96	7,228.21	7,227.93	330.32	30.87	-89.79	-2,268.57	-4,304.44	6,036.58	5,944.46	92.11	65.533		
18,800.00	7,260.21	7,228.23	7,227.95	333.16	30.87	-89.79	-2,268.57	-4,304.44	6,135.54	6,043.62	91.92	66.746		
18,900.00	7,260.46	7,228.26	7,227.98	336.00	30.87	-89.79	-2,268.57	-4,304.44	6,234.55	6,142.80	91.74	67.957		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - KRISTY #1(PA) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-GYRO-NS														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
19,000.00	7,260.71	7,228.28	7,228.00	338.85	30.87	-89.80	-2,268.57	-4,304.44	6,333.58	6,242.01	91.57	69.166		
19,100.00	7,260.95	7,228.31	7,228.03	341.69	30.87	-89.80	-2,268.57	-4,304.44	6,432.64	6,341.23	91.41	70.373		
19,118.22	7,261.00	7,228.31	7,228.03	342.21	30.87	-89.80	-2,268.57	-4,304.44	6,450.69	6,359.31	91.38	70.592		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,237.33	11,976.00	7,279.28	77.62	107.53	101.49	-1,268.45	-11,168.87	9,994.02	9,852.04	141.97	70.395		
9,700.00	7,237.58	11,976.00	7,279.28	80.12	107.53	101.49	-1,268.45	-11,168.87	9,894.02	9,752.04	141.98	69.684		
9,800.00	7,237.83	11,976.00	7,279.28	82.65	107.53	101.49	-1,268.45	-11,168.87	9,794.03	9,652.03	142.00	68.973		
9,900.00	7,238.08	11,976.00	7,279.28	85.20	107.53	101.49	-1,268.45	-11,168.87	9,694.04	9,552.02	142.01	68.261		
10,000.00	7,238.32	11,976.00	7,279.28	87.77	107.53	101.49	-1,268.45	-11,168.87	9,594.04	9,452.01	142.03	67.550		
10,100.00	7,238.57	11,976.00	7,279.28	90.36	107.53	101.49	-1,268.45	-11,168.87	9,494.05	9,352.00	142.05	66.837		
10,200.00	7,238.82	11,976.00	7,279.28	92.97	107.53	101.49	-1,268.45	-11,168.87	9,394.06	9,251.99	142.06	66.125		
10,300.00	7,239.07	11,976.00	7,279.28	95.59	107.53	101.49	-1,268.45	-11,168.87	9,294.07	9,151.98	142.08	65.413		
10,400.00	7,239.32	11,976.00	7,279.28	98.22	107.53	101.49	-1,268.45	-11,168.87	9,194.07	9,051.97	142.10	64.700		
10,500.00	7,239.57	11,976.00	7,279.28	100.87	107.53	101.49	-1,268.45	-11,168.87	9,094.08	8,951.96	142.12	63.987		
10,600.00	7,239.82	11,976.00	7,279.28	103.52	107.53	101.49	-1,268.45	-11,168.87	8,994.09	8,851.94	142.15	63.273		
10,700.00	7,240.07	11,976.00	7,279.28	106.19	107.53	101.49	-1,268.45	-11,168.87	8,894.10	8,751.93	142.17	62.560		
10,800.00	7,240.31	11,976.00	7,279.28	108.87	107.53	101.49	-1,268.45	-11,168.87	8,794.11	8,651.91	142.19	61.846		
10,900.00	7,240.56	11,976.00	7,279.28	111.56	107.53	101.49	-1,268.45	-11,168.87	8,694.12	8,551.90	142.22	61.132		
11,000.00	7,240.81	11,976.00	7,279.28	114.25	107.53	101.49	-1,268.45	-11,168.87	8,594.12	8,451.88	142.24	60.418		
11,100.00	7,241.06	11,976.00	7,279.28	116.96	107.53	101.49	-1,268.45	-11,168.87	8,494.13	8,351.86	142.27	59.704		
11,200.00	7,241.31	11,976.00	7,279.28	119.67	107.53	101.49	-1,268.45	-11,168.87	8,394.14	8,251.84	142.30	58.990		
11,300.00	7,241.56	11,976.00	7,279.28	122.39	107.53	101.49	-1,268.45	-11,168.87	8,294.15	8,151.83	142.33	58.275		
11,400.00	7,241.81	11,976.00	7,279.28	125.11	107.53	101.49	-1,268.45	-11,168.87	8,194.16	8,051.81	142.36	57.561		
11,500.00	7,242.06	11,976.00	7,279.28	127.84	107.53	101.49	-1,268.45	-11,168.87	8,094.17	7,951.79	142.39	56.846		
11,600.00	7,242.30	11,976.00	7,279.28	130.58	107.53	101.49	-1,268.45	-11,168.87	7,994.18	7,851.76	142.42	56.131		
11,700.00	7,242.55	11,976.00	7,279.28	133.32	107.53	101.49	-1,268.45	-11,168.87	7,894.19	7,751.74	142.45	55.416		
11,800.00	7,242.80	11,976.00	7,279.28	136.07	107.53	101.49	-1,268.45	-11,168.87	7,794.21	7,651.72	142.49	54.702		
11,900.00	7,243.05	11,976.00	7,279.28	138.82	107.53	101.49	-1,268.45	-11,168.87	7,694.22	7,551.70	142.52	53.987		
12,000.00	7,243.30	11,976.00	7,279.28	141.58	107.53	101.49	-1,268.45	-11,168.87	7,594.23	7,451.67	142.56	53.272		
12,100.00	7,243.55	11,976.00	7,279.28	144.34	107.53	101.49	-1,268.45	-11,168.87	7,494.24	7,351.65	142.59	52.557		
12,200.00	7,243.80	11,976.00	7,279.28	147.10	107.53	101.49	-1,268.45	-11,168.87	7,394.25	7,251.62	142.63	51.842		
12,300.00	7,244.04	11,976.00	7,279.28	149.87	107.53	101.49	-1,268.45	-11,168.87	7,294.26	7,151.60	142.67	51.127		
12,400.00	7,244.29	11,976.00	7,279.28	152.64	107.53	101.49	-1,268.45	-11,168.87	7,194.28	7,051.57	142.71	50.413		
12,500.00	7,244.54	11,976.00	7,279.28	155.41	107.53	101.49	-1,268.45	-11,168.87	7,094.29	6,951.54	142.75	49.698		
12,600.00	7,244.79	11,976.00	7,279.28	158.19	107.53	101.49	-1,268.45	-11,168.87	6,994.30	6,851.51	142.79	48.983		
12,700.00	7,245.04	11,976.00	7,279.28	160.97	107.53	101.49	-1,268.45	-11,168.87	6,894.32	6,751.49	142.83	48.269		
12,800.00	7,245.29	11,976.00	7,279.28	163.75	107.53	101.49	-1,268.45	-11,168.87	6,794.33	6,651.46	142.88	47.554		
12,900.00	7,245.54	11,976.00	7,279.28	166.54	107.53	101.49	-1,268.45	-11,168.87	6,694.35	6,551.43	142.92	46.840		
13,000.00	7,245.79	11,976.00	7,279.28	169.33	107.53	101.49	-1,268.45	-11,168.87	6,594.36	6,451.40	142.97	46.125		
13,100.00	7,246.03	11,976.00	7,279.28	172.12	107.53	101.49	-1,268.45	-11,168.87	6,494.38	6,351.37	143.01	45.411		
13,200.00	7,246.28	11,976.00	7,279.28	174.91	107.53	101.49	-1,268.45	-11,168.87	6,394.39	6,251.33	143.06	44.697		
13,300.00	7,246.53	11,976.00	7,279.28	177.71	107.53	101.49	-1,268.45	-11,168.87	6,294.41	6,151.30	143.11	43.983		
13,400.00	7,246.78	11,976.00	7,279.28	180.50	107.53	101.49	-1,268.45	-11,168.87	6,194.43	6,051.27	143.16	43.270		
13,500.00	7,247.03	11,976.00	7,279.28	183.30	107.53	101.49	-1,268.45	-11,168.87	6,094.45	5,951.24	143.21	42.556		
13,600.00	7,247.28	11,976.00	7,279.28	186.10	107.53	101.49	-1,268.45	-11,168.87	5,994.46	5,851.20	143.26	41.843		
13,700.00	7,247.53	11,976.00	7,279.28	188.91	107.53	101.49	-1,268.45	-11,168.87	5,894.48	5,751.17	143.32	41.129		
13,800.00	7,247.77	11,976.00	7,279.28	191.71	107.53	101.49	-1,268.45	-11,168.87	5,794.50	5,651.13	143.37	40.417		
13,900.00	7,248.02	11,976.00	7,279.28	194.52	107.53	101.49	-1,268.45	-11,168.87	5,694.52	5,551.10	143.43	39.704		
14,000.00	7,248.27	11,976.00	7,279.28	197.32	107.53	101.49	-1,268.45	-11,168.87	5,594.54	5,451.06	143.48	38.991		
14,100.00	7,248.52	11,976.00	7,279.28	200.13	107.53	101.49	-1,268.45	-11,168.87	5,494.57	5,351.03	143.54	38.279		
14,200.00	7,248.77	11,976.00	7,279.28	202.94	107.53	101.49	-1,268.45	-11,168.87	5,394.59	5,250.99	143.60	37.567		
14,300.00	7,249.02	11,976.00	7,279.28	205.76	107.53	101.49	-1,268.45	-11,168.87	5,294.61	5,150.95	143.66	36.855		
14,400.00	7,249.27	11,976.00	7,279.28	208.57	107.53	101.49	-1,268.45	-11,168.87	5,194.64	5,050.92	143.72	36.144		
14,500.00	7,249.52	11,976.00	7,279.28	211.38	107.53	101.49	-1,268.45	-11,168.87	5,094.66	4,950.88	143.79	35.432		
14,600.00	7,249.76	11,976.00	7,279.28	214.20	107.53	101.49	-1,268.45	-11,168.87	4,994.69	4,850.84	143.85	34.721		
14,700.00	7,250.01	11,976.00	7,279.28	217.02	107.53	101.49	-1,268.45	-11,168.87	4,894.72	4,750.80	143.92	34.011		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 740-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,800.00	7,250.26	11,976.00	7,279.28	219.84	107.53	101.49	-1,268.45	-11,168.87	4,794.75	4,650.76	143.99	33.300		
14,900.00	7,250.51	11,976.00	7,279.28	222.65	107.53	101.49	-1,268.45	-11,168.87	4,694.78	4,550.72	144.06	32.590		
15,000.00	7,250.76	11,976.00	7,279.28	225.48	107.53	101.49	-1,268.45	-11,168.87	4,594.81	4,450.68	144.13	31.880		
15,100.00	7,251.01	11,976.00	7,279.28	228.30	107.53	101.49	-1,268.45	-11,168.87	4,494.84	4,350.64	144.20	31.171		
15,200.00	7,251.26	11,976.00	7,279.28	231.12	107.53	101.49	-1,268.45	-11,168.87	4,394.87	4,250.60	144.28	30.461		
15,300.00	7,251.50	11,976.00	7,279.28	233.94	107.53	101.49	-1,268.45	-11,168.87	4,294.91	4,150.55	144.35	29.752		
15,400.00	7,251.75	11,976.00	7,279.28	236.77	107.53	101.49	-1,268.45	-11,168.87	4,194.95	4,050.51	144.44	29.044		
15,500.00	7,252.00	11,976.00	7,279.28	239.59	107.53	101.49	-1,268.45	-11,168.87	4,094.99	3,950.47	144.52	28.335		
15,600.00	7,252.25	11,976.00	7,279.28	242.42	107.53	101.49	-1,268.45	-11,168.87	3,995.03	3,850.42	144.60	27.627		
15,700.00	7,252.50	11,976.00	7,279.28	245.24	107.53	101.49	-1,268.45	-11,168.87	3,895.07	3,750.38	144.69	26.920		
15,800.00	7,252.75	11,976.00	7,279.28	248.07	107.53	101.49	-1,268.45	-11,168.87	3,795.11	3,650.33	144.79	26.212		
15,900.00	7,253.00	11,976.00	7,279.28	250.90	107.53	101.49	-1,268.45	-11,168.87	3,695.16	3,550.28	144.88	25.505		
16,000.00	7,253.25	11,976.00	7,279.28	253.73	107.53	101.49	-1,268.45	-11,168.87	3,595.21	3,450.23	144.98	24.798		
16,100.00	7,253.49	11,976.00	7,279.28	256.56	107.53	101.49	-1,268.45	-11,168.87	3,495.27	3,350.18	145.09	24.091		
16,200.00	7,253.74	11,976.00	7,279.28	259.39	107.53	101.49	-1,268.45	-11,168.87	3,395.32	3,250.13	145.19	23.385		
16,300.00	7,253.99	11,976.00	7,279.28	262.22	107.53	101.49	-1,268.45	-11,168.87	3,295.38	3,150.07	145.31	22.678		
16,400.00	7,254.24	11,976.00	7,279.28	265.05	107.53	101.49	-1,268.45	-11,168.87	3,195.45	3,050.02	145.43	21.972		
16,500.00	7,254.49	11,976.00	7,279.28	267.88	107.53	101.49	-1,268.45	-11,168.87	3,095.52	2,949.96	145.56	21.266		
16,600.00	7,254.74	11,976.00	7,279.28	270.72	107.53	101.49	-1,268.45	-11,168.87	2,995.59	2,849.89	145.70	20.561		
16,700.00	7,254.99	11,976.00	7,279.28	273.55	107.53	101.49	-1,268.45	-11,168.87	2,895.67	2,749.82	145.84	19.855		
16,800.00	7,255.24	11,976.00	7,279.28	276.38	107.53	101.49	-1,268.45	-11,168.87	2,795.75	2,649.75	146.00	19.149		
16,900.00	7,255.48	11,976.00	7,279.28	279.22	107.53	101.49	-1,268.45	-11,168.87	2,695.84	2,549.67	146.17	18.444		
17,000.00	7,255.73	11,976.00	7,279.28	282.05	107.53	101.49	-1,268.45	-11,168.87	2,595.93	2,449.59	146.35	17.738		
17,100.00	7,255.98	11,976.00	7,279.28	284.89	107.53	101.49	-1,268.45	-11,168.87	2,496.04	2,349.49	146.55	17.032		
17,200.00	7,256.23	11,976.00	7,279.28	287.73	107.53	101.49	-1,268.45	-11,168.87	2,396.15	2,249.39	146.76	16.326		
17,300.00	7,256.48	11,976.00	7,279.28	290.56	107.53	101.49	-1,268.45	-11,168.87	2,296.27	2,149.27	147.01	15.620		
17,400.00	7,256.73	11,976.00	7,279.28	293.40	107.53	101.49	-1,268.45	-11,168.87	2,196.41	2,049.13	147.27	14.914		
17,500.00	7,256.98	11,976.00	7,279.28	296.24	107.53	101.49	-1,268.45	-11,168.87	2,096.55	1,948.98	147.57	14.207		
17,600.00	7,257.22	11,976.00	7,279.28	299.07	107.53	101.49	-1,268.45	-11,168.87	1,996.71	1,848.80	147.91	13.499		
17,700.00	7,257.47	11,976.00	7,279.28	301.91	107.53	101.49	-1,268.45	-11,168.87	1,896.89	1,748.59	148.30	12.791		
17,800.00	7,257.72	11,976.00	7,279.28	304.75	107.53	101.49	-1,268.45	-11,168.87	1,797.09	1,648.34	148.75	12.082		
17,900.00	7,257.97	11,976.00	7,279.28	307.59	107.53	101.49	-1,268.45	-11,168.87	1,697.31	1,548.05	149.26	11.371		
18,000.00	7,258.22	11,976.00	7,279.28	310.43	107.53	101.49	-1,268.45	-11,168.87	1,597.56	1,447.69	149.87	10.660		
18,100.00	7,258.47	11,976.00	7,279.28	313.27	107.53	101.49	-1,268.45	-11,168.87	1,497.84	1,347.25	150.59	9.947		
18,200.00	7,258.72	11,976.00	7,279.28	316.11	107.53	101.49	-1,268.45	-11,168.87	1,398.16	1,246.71	151.45	9.232		
18,300.00	7,258.97	11,976.00	7,279.28	318.95	107.53	101.49	-1,268.45	-11,168.87	1,298.53	1,146.04	152.50	8.515		
18,400.00	7,259.21	11,976.00	7,279.28	321.79	107.53	101.49	-1,268.45	-11,168.87	1,198.97	1,045.18	153.79	7.796		
18,500.00	7,259.46	11,976.00	7,279.28	324.63	107.53	101.49	-1,268.45	-11,168.87	1,099.48	944.07	155.40	7.075		
18,600.00	7,259.71	11,976.00	7,279.28	327.48	107.53	101.49	-1,268.45	-11,168.87	1,000.09	842.64	157.46	6.352		
18,700.00	7,259.96	11,976.00	7,279.28	330.32	107.53	101.49	-1,268.45	-11,168.87	900.84	740.73	160.11	5.626		
18,800.00	7,260.21	11,976.00	7,279.28	333.16	107.53	101.49	-1,268.45	-11,168.87	801.78	638.15	163.63	4.900		
18,900.00	7,260.46	11,976.00	7,279.28	336.00	107.53	101.49	-1,268.45	-11,168.87	702.98	534.59	168.39	4.175		
19,000.00	7,260.71	11,976.00	7,279.28	338.85	107.53	101.49	-1,268.45	-11,168.87	604.57	429.54	175.03	3.454		
19,100.00	7,260.95	11,976.00	7,279.28	341.69	107.53	101.49	-1,268.45	-11,168.87	506.79	322.15	184.64	2.745		
19,118.22	7,261.00	11,976.00	7,279.28	342.21	107.53	101.49	-1,268.45	-11,168.87	489.08	302.23	186.85	2.618	CC, ES, SF	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,236.58	11,988.00	7,170.83	70.27	108.39	60.34	-1,234.23	-10,863.71	9,989.45	9,848.48	140.97	70.861		
9,400.00	7,236.83	11,988.00	7,170.83	72.69	108.39	60.34	-1,234.23	-10,863.71	9,889.47	9,748.49	140.98	70.150		
9,500.00	7,237.08	11,988.00	7,170.83	75.14	108.39	60.34	-1,234.23	-10,863.71	9,789.48	9,648.50	140.98	69.438		
9,600.00	7,237.33	11,988.00	7,170.83	77.62	108.39	60.34	-1,234.23	-10,863.71	9,689.50	9,548.51	140.99	68.726		
9,700.00	7,237.58	11,988.00	7,170.83	80.12	108.39	60.34	-1,234.23	-10,863.71	9,589.52	9,448.52	140.99	68.014		
9,800.00	7,237.83	11,988.00	7,170.83	82.65	108.39	60.34	-1,234.23	-10,863.71	9,489.53	9,348.53	141.00	67.301		
9,900.00	7,238.08	11,988.00	7,170.83	85.20	108.39	60.34	-1,234.23	-10,863.71	9,389.55	9,248.54	141.01	66.589		
10,000.00	7,238.32	11,988.00	7,170.83	87.77	108.39	60.34	-1,234.23	-10,863.71	9,289.56	9,148.55	141.02	65.875		
10,100.00	7,238.57	11,988.00	7,170.83	90.36	108.39	60.34	-1,234.23	-10,863.71	9,189.58	9,048.55	141.03	65.162		
10,200.00	7,238.82	11,988.00	7,170.83	92.97	108.39	60.34	-1,234.23	-10,863.71	9,089.60	8,948.56	141.04	64.448		
10,300.00	7,239.07	11,988.00	7,170.83	95.59	108.39	60.34	-1,234.23	-10,863.71	8,989.62	8,848.57	141.05	63.734		
10,400.00	7,239.32	11,988.00	7,170.83	98.22	108.39	60.34	-1,234.23	-10,863.71	8,889.63	8,748.57	141.06	63.019		
10,500.00	7,239.57	11,988.00	7,170.83	100.87	108.39	60.34	-1,234.23	-10,863.71	8,789.65	8,648.58	141.08	62.305		
10,600.00	7,239.82	11,988.00	7,170.83	103.52	108.39	60.34	-1,234.23	-10,863.71	8,689.67	8,548.58	141.09	61.590		
10,700.00	7,240.07	11,988.00	7,170.83	106.19	108.39	60.34	-1,234.23	-10,863.71	8,589.69	8,448.59	141.10	60.875		
10,800.00	7,240.31	11,988.00	7,170.83	108.87	108.39	60.34	-1,234.23	-10,863.71	8,489.71	8,348.59	141.12	60.160		
10,900.00	7,240.56	11,988.00	7,170.83	111.56	108.39	60.34	-1,234.23	-10,863.71	8,389.73	8,248.60	141.14	59.444		
11,000.00	7,240.81	11,988.00	7,170.83	114.25	108.39	60.34	-1,234.23	-10,863.71	8,289.75	8,148.60	141.15	58.728		
11,100.00	7,241.06	11,988.00	7,170.83	116.96	108.39	60.34	-1,234.23	-10,863.71	8,189.78	8,048.60	141.17	58.013		
11,200.00	7,241.31	11,988.00	7,170.83	119.67	108.39	60.34	-1,234.23	-10,863.71	8,089.80	7,948.61	141.19	57.297		
11,300.00	7,241.56	11,988.00	7,170.83	122.39	108.39	60.34	-1,234.23	-10,863.71	7,989.82	7,848.61	141.21	56.581		
11,400.00	7,241.81	11,988.00	7,170.83	125.11	108.39	60.34	-1,234.23	-10,863.71	7,889.84	7,748.61	141.23	55.864		
11,500.00	7,242.06	11,988.00	7,170.83	127.84	108.39	60.34	-1,234.23	-10,863.71	7,789.87	7,648.61	141.25	55.148		
11,600.00	7,242.30	11,988.00	7,170.83	130.58	108.39	60.34	-1,234.23	-10,863.71	7,689.89	7,548.62	141.28	54.432		
11,700.00	7,242.55	11,988.00	7,170.83	133.32	108.39	60.34	-1,234.23	-10,863.71	7,589.92	7,448.62	141.30	53.715		
11,800.00	7,242.80	11,988.00	7,170.83	136.07	108.39	60.34	-1,234.23	-10,863.71	7,489.94	7,348.62	141.32	52.998		
11,900.00	7,243.05	11,988.00	7,170.83	138.82	108.39	60.34	-1,234.23	-10,863.71	7,389.97	7,248.62	141.35	52.282		
12,000.00	7,243.30	11,988.00	7,170.83	141.58	108.39	60.34	-1,234.23	-10,863.71	7,290.00	7,148.62	141.37	51.565		
12,100.00	7,243.55	11,988.00	7,170.83	144.34	108.39	60.34	-1,234.23	-10,863.71	7,190.02	7,048.62	141.40	50.848		
12,200.00	7,243.80	11,988.00	7,170.83	147.10	108.39	60.34	-1,234.23	-10,863.71	7,090.05	6,948.62	141.43	50.132		
12,300.00	7,244.04	11,988.00	7,170.83	149.87	108.39	60.34	-1,234.23	-10,863.71	6,990.08	6,848.62	141.46	49.415		
12,400.00	7,244.29	11,988.00	7,170.83	152.64	108.39	60.34	-1,234.23	-10,863.71	6,890.11	6,748.63	141.49	48.698		
12,500.00	7,244.54	11,988.00	7,170.83	155.41	108.39	60.34	-1,234.23	-10,863.71	6,790.14	6,648.63	141.52	47.981		
12,600.00	7,244.79	11,988.00	7,170.83	158.19	108.39	60.34	-1,234.23	-10,863.71	6,690.18	6,548.63	141.55	47.265		
12,700.00	7,245.04	11,988.00	7,170.83	160.97	108.39	60.34	-1,234.23	-10,863.71	6,590.21	6,448.63	141.58	46.548		
12,800.00	7,245.29	11,988.00	7,170.83	163.75	108.39	60.34	-1,234.23	-10,863.71	6,490.24	6,348.63	141.61	45.831		
12,900.00	7,245.54	11,988.00	7,170.83	166.54	108.39	60.34	-1,234.23	-10,863.71	6,390.28	6,248.63	141.65	45.115		
13,000.00	7,245.79	11,988.00	7,170.83	169.33	108.39	60.34	-1,234.23	-10,863.71	6,290.31	6,148.63	141.68	44.398		
13,100.00	7,246.03	11,988.00	7,170.83	172.12	108.39	60.34	-1,234.23	-10,863.71	6,190.35	6,048.64	141.71	43.682		
13,200.00	7,246.28	11,988.00	7,170.83	174.91	108.39	60.34	-1,234.23	-10,863.71	6,090.39	5,948.64	141.75	42.965		
13,300.00	7,246.53	11,988.00	7,170.83	177.71	108.39	60.34	-1,234.23	-10,863.71	5,990.43	5,848.64	141.79	42.249		
13,400.00	7,246.78	11,988.00	7,170.83	180.50	108.39	60.34	-1,234.23	-10,863.71	5,890.47	5,748.65	141.83	41.533		
13,500.00	7,247.03	11,988.00	7,170.83	183.30	108.39	60.34	-1,234.23	-10,863.71	5,790.51	5,648.65	141.87	40.817		
13,600.00	7,247.28	11,988.00	7,170.83	186.10	108.39	60.34	-1,234.23	-10,863.71	5,690.56	5,548.65	141.91	40.101		
13,700.00	7,247.53	11,988.00	7,170.83	188.91	108.39	60.34	-1,234.23	-10,863.71	5,590.61	5,448.66	141.95	39.385		
13,800.00	7,247.77	11,988.00	7,170.83	191.71	108.39	60.34	-1,234.23	-10,863.71	5,490.65	5,348.66	141.99	38.669		
13,900.00	7,248.02	11,988.00	7,170.83	194.52	108.39	60.34	-1,234.23	-10,863.71	5,390.70	5,248.67	142.03	37.954		
14,000.00	7,248.27	11,988.00	7,170.83	197.32	108.39	60.34	-1,234.23	-10,863.71	5,290.75	5,148.68	142.08	37.239		
14,100.00	7,248.52	11,988.00	7,170.83	200.13	108.39	60.34	-1,234.23	-10,863.71	5,190.81	5,048.68	142.12	36.523		
14,200.00	7,248.77	11,988.00	7,170.83	202.94	108.39	60.34	-1,234.23	-10,863.71	5,090.86	4,948.69	142.17	35.808		
14,300.00	7,249.02	11,988.00	7,170.83	205.76	108.39	60.34	-1,234.23	-10,863.71	4,990.92	4,848.70	142.22	35.093		
14,400.00	7,249.27	11,988.00	7,170.83	208.57	108.39	60.34	-1,234.23	-10,863.71	4,890.98	4,748.71	142.27	34.378		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Falken 9-11 PAD - Merritt #6-66-9-0857CH(PR) - OH - OH		Offset Site Error: 0.00 ft	
Survey Program: 725-MWD												Offset Well Error: 3.28 ft			
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
14,500.00	7,249.52	11,988.00	7,170.83	211.38	108.39	60.34	-1,234.23	-10,863.71	4,791.04	4,648.72	142.32	33.664			
14,600.00	7,249.76	11,988.00	7,170.83	214.20	108.39	60.34	-1,234.23	-10,863.71	4,691.11	4,548.73	142.37	32.949			
14,700.00	7,250.01	11,988.00	7,170.83	217.02	108.39	60.34	-1,234.23	-10,863.71	4,591.17	4,448.75	142.43	32.235			
14,800.00	7,250.26	11,988.00	7,170.83	219.84	108.39	60.34	-1,234.23	-10,863.71	4,491.25	4,348.76	142.49	31.521			
14,900.00	7,250.51	11,988.00	7,170.83	222.65	108.39	60.34	-1,234.23	-10,863.71	4,391.32	4,248.78	142.54	30.807			
15,000.00	7,250.76	11,988.00	7,170.83	225.48	108.39	60.34	-1,234.23	-10,863.71	4,291.40	4,148.79	142.61	30.093			
15,100.00	7,251.01	11,988.00	7,170.83	228.30	108.39	60.34	-1,234.23	-10,863.71	4,191.48	4,048.81	142.67	29.379			
15,200.00	7,251.26	11,988.00	7,170.83	231.12	108.39	60.34	-1,234.23	-10,863.71	4,091.56	3,948.83	142.74	28.665			
15,300.00	7,251.50	11,988.00	7,170.83	233.94	108.39	60.34	-1,234.23	-10,863.71	3,991.65	3,848.85	142.81	27.952			
15,400.00	7,251.75	11,988.00	7,170.83	236.77	108.39	60.34	-1,234.23	-10,863.71	3,891.75	3,748.87	142.88	27.238			
15,500.00	7,252.00	11,988.00	7,170.83	239.59	108.39	60.34	-1,234.23	-10,863.71	3,791.85	3,648.89	142.96	26.525			
15,600.00	7,252.25	11,988.00	7,170.83	242.42	108.39	60.34	-1,234.23	-10,863.71	3,691.95	3,548.91	143.04	25.811			
15,700.00	7,252.50	11,988.00	7,170.83	245.24	108.39	60.34	-1,234.23	-10,863.71	3,592.06	3,448.94	143.12	25.098			
15,800.00	7,252.75	11,988.00	7,170.83	248.07	108.39	60.34	-1,234.23	-10,863.71	3,492.18	3,348.96	143.21	24.385			
15,900.00	7,253.00	11,988.00	7,170.83	250.90	108.39	60.34	-1,234.23	-10,863.71	3,392.30	3,248.99	143.31	23.671			
16,000.00	7,253.25	11,988.00	7,170.83	253.73	108.39	60.34	-1,234.23	-10,863.71	3,292.43	3,149.02	143.41	22.958			
16,100.00	7,253.49	11,988.00	7,170.83	256.56	108.39	60.34	-1,234.23	-10,863.71	3,192.57	3,049.05	143.53	22.244			
16,200.00	7,253.74	11,988.00	7,170.83	259.39	108.39	60.34	-1,234.23	-10,863.71	3,092.72	2,949.07	143.65	21.530			
16,300.00	7,253.99	11,988.00	7,170.83	262.22	108.39	60.34	-1,234.23	-10,863.71	2,992.88	2,849.10	143.78	20.816			
16,400.00	7,254.24	11,988.00	7,170.83	265.05	108.39	60.34	-1,234.23	-10,863.71	2,893.05	2,749.13	143.92	20.102			
16,500.00	7,254.49	11,988.00	7,170.83	267.88	108.39	60.34	-1,234.23	-10,863.71	2,793.23	2,649.15	144.08	19.387			
16,600.00	7,254.74	11,988.00	7,170.83	270.72	108.39	60.34	-1,234.23	-10,863.71	2,693.42	2,549.17	144.25	18.672			
16,700.00	7,254.99	11,988.00	7,170.83	273.55	108.39	60.34	-1,234.23	-10,863.71	2,593.63	2,449.19	144.44	17.956			
16,800.00	7,255.24	11,988.00	7,170.83	276.38	108.39	60.34	-1,234.23	-10,863.71	2,493.86	2,349.20	144.66	17.240			
16,900.00	7,255.48	11,988.00	7,170.83	279.22	108.39	60.34	-1,234.23	-10,863.71	2,394.10	2,249.20	144.90	16.523			
17,000.00	7,255.73	11,988.00	7,170.83	282.05	108.39	60.34	-1,234.23	-10,863.71	2,294.37	2,149.20	145.17	15.805			
17,100.00	7,255.98	11,988.00	7,170.83	284.89	108.39	60.34	-1,234.23	-10,863.71	2,194.66	2,049.18	145.48	15.086			
17,200.00	7,256.23	11,988.00	7,170.83	287.73	108.39	60.34	-1,234.23	-10,863.71	2,094.98	1,949.14	145.83	14.366			
17,300.00	7,256.48	11,988.00	7,170.83	290.56	108.39	60.34	-1,234.23	-10,863.71	1,995.33	1,849.08	146.24	13.644			
17,400.00	7,256.73	11,988.00	7,170.83	293.40	108.39	60.34	-1,234.23	-10,863.71	1,895.71	1,749.00	146.72	12.921			
17,500.00	7,256.98	11,988.00	7,170.83	296.24	108.39	60.34	-1,234.23	-10,863.71	1,796.14	1,648.87	147.27	12.196			
17,600.00	7,257.22	11,988.00	7,170.83	299.07	108.39	60.34	-1,234.23	-10,863.71	1,696.62	1,548.70	147.93	11.469			
17,700.00	7,257.47	11,988.00	7,170.83	301.91	108.39	60.34	-1,234.23	-10,863.71	1,597.16	1,448.46	148.71	10.740			
17,800.00	7,257.72	11,988.00	7,170.83	304.75	108.39	60.34	-1,234.23	-10,863.71	1,497.78	1,348.13	149.64	10.009			
17,900.00	7,257.97	11,988.00	7,170.83	307.59	108.39	60.34	-1,234.23	-10,863.71	1,398.48	1,247.70	150.78	9.275			
18,000.00	7,258.22	11,988.00	7,170.83	310.43	108.39	60.34	-1,234.23	-10,863.71	1,299.28	1,147.13	152.16	8.539			
18,100.00	7,258.47	11,988.00	7,170.83	313.27	108.39	60.34	-1,234.23	-10,863.71	1,200.23	1,046.36	153.87	7.800			
18,200.00	7,258.72	11,988.00	7,170.83	316.11	108.39	60.34	-1,234.23	-10,863.71	1,101.34	945.33	156.00	7.060			
18,300.00	7,258.97	11,988.00	7,170.83	318.95	108.39	60.34	-1,234.23	-10,863.71	1,002.67	843.97	158.70	6.318			
18,400.00	7,259.21	11,988.00	7,170.83	321.79	108.39	60.34	-1,234.23	-10,863.71	904.29	742.13	162.17	5.576			
18,500.00	7,259.46	11,988.00	7,170.83	324.63	108.39	60.34	-1,234.23	-10,863.71	806.32	639.64	166.68	4.837			
18,600.00	7,259.71	11,988.00	7,170.83	327.48	108.39	60.34	-1,234.23	-10,863.71	708.91	536.23	172.68	4.105			
18,700.00	7,259.96	11,988.00	7,170.83	330.32	108.39	60.34	-1,234.23	-10,863.71	612.33	431.52	180.82	3.386			
18,800.00	7,260.21	11,988.00	7,170.83	333.16	108.39	60.34	-1,234.23	-10,863.71	517.06	324.91	192.16	2.691			
18,900.00	7,260.46	11,988.00	7,170.83	336.00	108.39	60.34	-1,234.23	-10,863.71	423.98	215.55	208.43	2.034			
19,000.00	7,260.71	11,988.00	7,170.83	338.85	108.39	60.34	-1,234.23	-10,863.71	334.90	102.50	232.40	1.441	Level 3		
19,100.00	7,260.95	11,988.00	7,170.83	341.69	108.39	60.34	-1,234.23	-10,863.71	254.09	-13.37	267.45	0.950	Level 1		
19,118.22	7,261.00	11,988.00	7,170.83	342.21	108.39	60.34	-1,234.23	-10,863.71	240.92	-34.19	275.11	0.876	Level 1, CC, ES, SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User 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	7,237.33	11,790.00	7,095.39	77.62	106.81	41.74	-1,238.83	-11,131.40	9,957.81	9,817.10	140.71	70.770		
9,700.00	7,237.58	11,790.00	7,095.39	80.12	106.81	41.74	-1,238.83	-11,131.40	9,857.83	9,717.12	140.71	70.058		
9,800.00	7,237.83	11,790.00	7,095.39	82.65	106.81	41.74	-1,238.83	-11,131.40	9,757.85	9,617.14	140.72	69.344		
9,900.00	7,238.08	11,790.00	7,095.39	85.20	106.81	41.74	-1,238.83	-11,131.40	9,657.88	9,517.16	140.72	68.631		
10,000.00	7,238.32	11,790.00	7,095.39	87.77	106.81	41.74	-1,238.83	-11,131.40	9,557.90	9,417.18	140.73	67.917		
10,100.00	7,238.57	11,790.00	7,095.39	90.36	106.81	41.74	-1,238.83	-11,131.40	9,457.93	9,317.19	140.74	67.203		
10,200.00	7,238.82	11,790.00	7,095.39	92.97	106.81	41.74	-1,238.83	-11,131.40	9,357.96	9,217.21	140.75	66.488		
10,300.00	7,239.07	11,790.00	7,095.39	95.59	106.81	41.74	-1,238.83	-11,131.40	9,257.98	9,117.23	140.76	65.773		
10,400.00	7,239.32	11,790.00	7,095.39	98.22	106.81	41.74	-1,238.83	-11,131.40	9,158.01	9,017.24	140.77	65.058		
10,500.00	7,239.57	11,790.00	7,095.39	100.87	106.81	41.74	-1,238.83	-11,131.40	9,058.04	8,917.26	140.78	64.343		
10,600.00	7,239.82	11,790.00	7,095.39	103.52	106.81	41.74	-1,238.83	-11,131.40	8,958.07	8,817.28	140.79	63.627		
10,700.00	7,240.07	11,790.00	7,095.39	106.19	106.81	41.74	-1,238.83	-11,131.40	8,858.10	8,717.29	140.80	62.912		
10,800.00	7,240.31	11,790.00	7,095.39	108.87	106.81	41.74	-1,238.83	-11,131.40	8,758.13	8,617.31	140.82	62.196		
10,900.00	7,240.56	11,790.00	7,095.39	111.56	106.81	41.74	-1,238.83	-11,131.40	8,658.16	8,517.33	140.83	61.479		
11,000.00	7,240.81	11,790.00	7,095.39	114.25	106.81	41.74	-1,238.83	-11,131.40	8,558.19	8,417.34	140.85	60.763		
11,100.00	7,241.06	11,790.00	7,095.39	116.96	106.81	41.74	-1,238.83	-11,131.40	8,458.22	8,317.36	140.86	60.046		
11,200.00	7,241.31	11,790.00	7,095.39	119.67	106.81	41.74	-1,238.83	-11,131.40	8,358.25	8,217.37	140.88	59.329		
11,300.00	7,241.56	11,790.00	7,095.39	122.39	106.81	41.74	-1,238.83	-11,131.40	8,258.29	8,117.39	140.90	58.613		
11,400.00	7,241.81	11,790.00	7,095.39	125.11	106.81	41.74	-1,238.83	-11,131.40	8,158.32	8,017.41	140.91	57.895		
11,500.00	7,242.06	11,790.00	7,095.39	127.84	106.81	41.74	-1,238.83	-11,131.40	8,058.36	7,917.42	140.93	57.178		
11,600.00	7,242.30	11,790.00	7,095.39	130.58	106.81	41.74	-1,238.83	-11,131.40	7,958.39	7,817.44	140.95	56.461		
11,700.00	7,242.55	11,790.00	7,095.39	133.32	106.81	41.74	-1,238.83	-11,131.40	7,858.43	7,717.46	140.97	55.744		
11,800.00	7,242.80	11,790.00	7,095.39	136.07	106.81	41.74	-1,238.83	-11,131.40	7,758.47	7,617.47	141.00	55.026		
11,900.00	7,243.05	11,790.00	7,095.39	138.82	106.81	41.74	-1,238.83	-11,131.40	7,658.51	7,517.49	141.02	54.309		
12,000.00	7,243.30	11,790.00	7,095.39	141.58	106.81	41.74	-1,238.83	-11,131.40	7,558.55	7,417.51	141.04	53.591		
12,100.00	7,243.55	11,790.00	7,095.39	144.34	106.81	41.74	-1,238.83	-11,131.40	7,458.59	7,317.52	141.06	52.873		
12,200.00	7,243.80	11,790.00	7,095.39	147.10	106.81	41.74	-1,238.83	-11,131.40	7,358.63	7,217.54	141.09	52.156		
12,300.00	7,244.04	11,790.00	7,095.39	149.87	106.81	41.74	-1,238.83	-11,131.40	7,258.67	7,117.56	141.11	51.438		
12,400.00	7,244.29	11,790.00	7,095.39	152.64	106.81	41.74	-1,238.83	-11,131.40	7,158.72	7,017.58	141.14	50.720		
12,500.00	7,244.54	11,790.00	7,095.39	155.41	106.81	41.74	-1,238.83	-11,131.40	7,058.76	6,917.60	141.17	50.003		
12,600.00	7,244.79	11,790.00	7,095.39	158.19	106.81	41.74	-1,238.83	-11,131.40	6,958.81	6,817.62	141.20	49.285		
12,700.00	7,245.04	11,790.00	7,095.39	160.97	106.81	41.74	-1,238.83	-11,131.40	6,858.86	6,717.64	141.22	48.567		
12,800.00	7,245.29	11,790.00	7,095.39	163.75	106.81	41.74	-1,238.83	-11,131.40	6,758.91	6,617.66	141.25	47.850		
12,900.00	7,245.54	11,790.00	7,095.39	166.54	106.81	41.74	-1,238.83	-11,131.40	6,658.96	6,517.68	141.28	47.132		
13,000.00	7,245.79	11,790.00	7,095.39	169.33	106.81	41.74	-1,238.83	-11,131.40	6,559.01	6,417.70	141.31	46.415		
13,100.00	7,246.03	11,790.00	7,095.39	172.12	106.81	41.74	-1,238.83	-11,131.40	6,459.07	6,317.73	141.34	45.697		
13,200.00	7,246.28	11,790.00	7,095.39	174.91	106.81	41.74	-1,238.83	-11,131.40	6,359.13	6,217.75	141.38	44.980		
13,300.00	7,246.53	11,790.00	7,095.39	177.71	106.81	41.74	-1,238.83	-11,131.40	6,259.18	6,117.78	141.41	44.263		
13,400.00	7,246.78	11,790.00	7,095.39	180.50	106.81	41.74	-1,238.83	-11,131.40	6,159.24	6,017.80	141.44	43.546		
13,500.00	7,247.03	11,790.00	7,095.39	183.30	106.81	41.74	-1,238.83	-11,131.40	6,059.31	5,917.83	141.48	42.829		
13,600.00	7,247.28	11,790.00	7,095.39	186.10	106.81	41.74	-1,238.83	-11,131.40	5,959.37	5,817.86	141.51	42.112		
13,700.00	7,247.53	11,790.00	7,095.39	188.91	106.81	41.74	-1,238.83	-11,131.40	5,859.44	5,717.89	141.55	41.395		
13,800.00	7,247.77	11,790.00	7,095.39	191.71	106.81	41.74	-1,238.83	-11,131.40	5,759.51	5,617.92	141.59	40.679		
13,900.00	7,248.02	11,790.00	7,095.39	194.52	106.81	41.74	-1,238.83	-11,131.40	5,659.58	5,517.95	141.62	39.962		
14,000.00	7,248.27	11,790.00	7,095.39	197.32	106.81	41.74	-1,238.83	-11,131.40	5,559.65	5,417.99	141.66	39.246		
14,100.00	7,248.52	11,790.00	7,095.39	200.13	106.81	41.74	-1,238.83	-11,131.40	5,459.73	5,318.03	141.70	38.530		
14,200.00	7,248.77	11,790.00	7,095.39	202.94	106.81	41.74	-1,238.83	-11,131.40	5,359.81	5,218.06	141.74	37.814		
14,300.00	7,249.02	11,790.00	7,095.39	205.76	106.81	41.74	-1,238.83	-11,131.40	5,259.89	5,118.10	141.78	37.098		
14,400.00	7,249.27	11,790.00	7,095.39	208.57	106.81	41.74	-1,238.83	-11,131.40	5,159.97	5,018.15	141.83	36.382		
14,500.00	7,249.52	11,790.00	7,095.39	211.38	106.81	41.74	-1,238.83	-11,131.40	5,060.06	4,918.19	141.87	35.667		
14,600.00	7,249.76	11,790.00	7,095.39	214.20	106.81	41.74	-1,238.83	-11,131.40	4,960.16	4,818.24	141.92	34.951		
14,700.00	7,250.01	11,790.00	7,095.39	217.02	106.81	41.74	-1,238.83	-11,131.40	4,860.25	4,718.29	141.96	34.236		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 726-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,800.00	7,250.26	11,790.00	7,095.39	219.84	106.81	41.74	-1,238.83	-11,131.40	4,760.35	4,618.34	142.01	33.521		
14,900.00	7,250.51	11,790.00	7,095.39	222.65	106.81	41.74	-1,238.83	-11,131.40	4,660.46	4,518.40	142.06	32.806		
15,000.00	7,250.76	11,790.00	7,095.39	225.48	106.81	41.74	-1,238.83	-11,131.40	4,560.57	4,418.46	142.11	32.092		
15,100.00	7,251.01	11,790.00	7,095.39	228.30	106.81	41.74	-1,238.83	-11,131.40	4,460.68	4,318.52	142.16	31.377		
15,200.00	7,251.26	11,790.00	7,095.39	231.12	106.81	41.74	-1,238.83	-11,131.40	4,360.80	4,218.58	142.22	30.663		
15,300.00	7,251.50	11,790.00	7,095.39	233.94	106.81	41.74	-1,238.83	-11,131.40	4,260.92	4,118.65	142.27	29.949		
15,400.00	7,251.75	11,790.00	7,095.39	236.77	106.81	41.74	-1,238.83	-11,131.40	4,161.05	4,018.72	142.33	29.235		
15,500.00	7,252.00	11,790.00	7,095.39	239.59	106.81	41.74	-1,238.83	-11,131.40	4,061.19	3,918.80	142.39	28.521		
15,600.00	7,252.25	11,790.00	7,095.39	242.42	106.81	41.74	-1,238.83	-11,131.40	3,961.34	3,818.88	142.46	27.807		
15,700.00	7,252.50	11,790.00	7,095.39	245.24	106.81	41.74	-1,238.83	-11,131.40	3,861.49	3,718.96	142.53	27.093		
15,800.00	7,252.75	11,790.00	7,095.39	248.07	106.81	41.74	-1,238.83	-11,131.40	3,761.65	3,619.05	142.60	26.380		
15,900.00	7,253.00	11,790.00	7,095.39	250.90	106.81	41.74	-1,238.83	-11,131.40	3,661.82	3,519.15	142.67	25.666		
16,000.00	7,253.25	11,790.00	7,095.39	253.73	106.81	41.74	-1,238.83	-11,131.40	3,561.99	3,419.24	142.75	24.953		
16,100.00	7,253.49	11,790.00	7,095.39	256.56	106.81	41.74	-1,238.83	-11,131.40	3,462.18	3,319.35	142.84	24.239		
16,200.00	7,253.74	11,790.00	7,095.39	259.39	106.81	41.74	-1,238.83	-11,131.40	3,362.38	3,219.46	142.93	23.525		
16,300.00	7,253.99	11,790.00	7,095.39	262.22	106.81	41.74	-1,238.83	-11,131.40	3,262.59	3,119.57	143.02	22.812		
16,400.00	7,254.24	11,790.00	7,095.39	265.05	106.81	41.74	-1,238.83	-11,131.40	3,162.82	3,019.69	143.13	22.098		
16,500.00	7,254.49	11,790.00	7,095.39	267.88	106.81	41.74	-1,238.83	-11,131.40	3,063.06	2,919.82	143.24	21.384		
16,600.00	7,254.74	11,790.00	7,095.39	270.72	106.81	41.74	-1,238.83	-11,131.40	2,963.31	2,819.95	143.37	20.669		
16,700.00	7,254.99	11,790.00	7,095.39	273.55	106.81	41.74	-1,238.83	-11,131.40	2,863.59	2,720.08	143.50	19.955		
16,800.00	7,255.24	11,790.00	7,095.39	276.38	106.81	41.74	-1,238.83	-11,131.40	2,763.88	2,620.23	143.65	19.240		
16,900.00	7,255.48	11,790.00	7,095.39	279.22	106.81	41.74	-1,238.83	-11,131.40	2,664.20	2,520.38	143.82	18.524		
17,000.00	7,255.73	11,790.00	7,095.39	282.05	106.81	41.74	-1,238.83	-11,131.40	2,564.54	2,420.53	144.01	17.808		
17,100.00	7,255.98	11,790.00	7,095.39	284.89	106.81	41.74	-1,238.83	-11,131.40	2,464.90	2,320.69	144.22	17.092		
17,200.00	7,256.23	11,790.00	7,095.39	287.73	106.81	41.74	-1,238.83	-11,131.40	2,365.30	2,220.85	144.45	16.374		
17,300.00	7,256.48	11,790.00	7,095.39	290.56	106.81	41.74	-1,238.83	-11,131.40	2,265.74	2,121.01	144.72	15.656		
17,400.00	7,256.73	11,790.00	7,095.39	293.40	106.81	41.74	-1,238.83	-11,131.40	2,166.21	2,021.18	145.03	14.936		
17,500.00	7,256.98	11,790.00	7,095.39	296.24	106.81	41.74	-1,238.83	-11,131.40	2,066.73	1,921.34	145.39	14.215		
17,600.00	7,257.22	11,790.00	7,095.39	299.07	106.81	41.74	-1,238.83	-11,131.40	1,967.30	1,821.50	145.80	13.493		
17,700.00	7,257.47	11,790.00	7,095.39	301.91	106.81	41.74	-1,238.83	-11,131.40	1,867.93	1,721.65	146.29	12.769		
17,800.00	7,257.72	11,790.00	7,095.39	304.75	106.81	41.74	-1,238.83	-11,131.40	1,768.64	1,621.78	146.85	12.043		
17,900.00	7,257.97	11,790.00	7,095.39	307.59	106.81	41.74	-1,238.83	-11,131.40	1,669.43	1,521.90	147.53	11.316		
18,000.00	7,258.22	11,790.00	7,095.39	310.43	106.81	41.74	-1,238.83	-11,131.40	1,570.32	1,421.98	148.34	10.586		
18,100.00	7,258.47	11,790.00	7,095.39	313.27	106.81	41.74	-1,238.83	-11,131.40	1,471.32	1,322.01	149.31	9.854		
18,200.00	7,258.72	11,790.00	7,095.39	316.11	106.81	41.74	-1,238.83	-11,131.40	1,372.48	1,221.98	150.50	9.120		
18,300.00	7,258.97	11,790.00	7,095.39	318.95	106.81	41.74	-1,238.83	-11,131.40	1,273.82	1,121.86	151.95	8.383		
18,400.00	7,259.21	11,790.00	7,095.39	321.79	106.81	41.74	-1,238.83	-11,131.40	1,175.38	1,021.62	153.75	7.644		
18,500.00	7,259.46	11,790.00	7,095.39	324.63	106.81	41.74	-1,238.83	-11,131.40	1,077.23	921.21	156.01	6.905		
18,600.00	7,259.71	11,790.00	7,095.39	327.48	106.81	41.74	-1,238.83	-11,131.40	979.45	820.58	158.86	6.165		
18,700.00	7,259.96	11,790.00	7,095.39	330.32	106.81	41.74	-1,238.83	-11,131.40	882.17	719.65	162.52	5.428		
18,800.00	7,260.21	11,790.00	7,095.39	333.16	106.81	41.74	-1,238.83	-11,131.40	785.57	618.30	167.27	4.696		
18,900.00	7,260.46	11,790.00	7,095.39	336.00	106.81	41.74	-1,238.83	-11,131.40	689.95	516.42	173.53	3.976		
19,000.00	7,260.71	11,790.00	7,095.39	338.85	106.81	41.74	-1,238.83	-11,131.40	595.77	413.85	181.92	3.275		
19,100.00	7,260.95	11,790.00	7,095.39	341.69	106.81	41.74	-1,238.83	-11,131.40	503.83	310.50	193.33	2.606		
19,118.22	7,261.00	11,790.00	7,095.39	342.21	106.81	41.74	-1,238.83	-11,131.40	487.42	291.59	195.82	2.489	CC, ES, SF	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-142.74	-2,402.53	-1,827.29	3,018.54					
100.00	100.00	79.00	79.00	3.28	3.56	-142.74	-2,402.53	-1,827.29	3,018.46	3,011.62	6.84	441.116		
200.00	200.00	179.00	179.00	3.34	5.57	-142.74	-2,402.53	-1,827.29	3,018.46	3,009.55	8.91	338.837		
300.00	300.00	279.00	279.00	3.44	8.64	-142.74	-2,402.53	-1,827.29	3,018.46	3,006.38	12.09	249.748		
400.00	399.98	378.98	378.98	3.60	11.94	80.89	-2,402.53	-1,827.29	3,018.19	3,002.65	15.54	194.215		
500.00	499.84	478.84	478.84	3.79	15.33	81.01	-2,402.53	-1,827.29	3,017.36	2,998.25	19.11	157.864		
600.00	599.45	578.45	578.45	4.03	18.74	81.20	-2,402.53	-1,827.29	3,016.01	2,993.25	22.76	132.520		
700.00	698.70	677.70	677.70	4.30	22.16	81.46	-2,402.53	-1,827.29	3,014.16	2,987.71	26.45	113.956		
800.00	797.47	776.47	776.47	4.60	25.57	81.80	-2,402.53	-1,827.29	3,011.85	2,981.68	30.17	99.820		
900.00	895.62	874.62	874.62	4.94	28.97	82.20	-2,402.53	-1,827.29	3,009.15	2,975.23	33.92	88.722		
1,000.00	993.06	972.06	972.06	5.32	32.36	82.68	-2,402.53	-1,827.29	3,006.11	2,968.44	37.67	79.792		
1,100.00	1,089.64	1,068.64	1,068.64	5.73	35.71	83.22	-2,402.53	-1,827.29	3,002.83	2,961.38	41.44	72.460		
1,131.50	1,119.87	1,101.13	1,098.87	5.87	36.84	83.40	-2,402.53	-1,827.29	3,001.75	2,959.04	42.71	70.287		
1,200.00	1,185.51	1,164.51	1,164.51	6.18	39.05	83.76	-2,402.53	-1,827.29	2,999.46	2,954.25	45.22	66.333		
1,300.00	1,281.33	1,260.33	1,260.33	6.65	42.38	84.28	-2,402.53	-1,827.29	2,996.35	2,947.33	49.02	61.126		
1,400.00	1,377.14	1,356.14	1,356.14	7.13	45.72	84.80	-2,402.53	-1,827.29	2,993.51	2,940.67	52.84	56.653		
1,500.00	1,472.96	1,451.96	1,451.96	7.63	49.05	85.32	-2,402.53	-1,827.29	2,990.94	2,934.27	56.68	52.773		
1,600.00	1,568.78	1,547.78	1,547.78	8.14	52.39	85.85	-2,402.53	-1,827.29	2,988.64	2,928.12	60.52	49.379		
1,700.00	1,664.60	1,643.60	1,643.60	8.66	55.73	86.37	-2,402.53	-1,827.29	2,986.62	2,922.23	64.38	46.388		
1,800.00	1,760.41	1,739.41	1,739.41	9.19	59.07	86.90	-2,402.53	-1,827.29	2,984.86	2,916.61	68.25	43.733		
1,900.00	1,856.23	1,835.23	1,835.23	9.73	62.41	87.42	-2,402.53	-1,827.29	2,983.38	2,911.26	72.13	41.362		
2,000.00	1,952.05	1,931.05	1,931.05	10.27	65.75	87.95	-2,402.53	-1,827.29	2,982.18	2,906.17	76.01	39.234		
2,100.00	2,047.86	2,026.86	2,026.86	10.81	69.09	88.48	-2,402.53	-1,827.29	2,981.25	2,901.35	79.90	37.313		
2,200.00	2,143.68	2,122.68	2,122.68	11.36	72.43	89.00	-2,402.53	-1,827.29	2,980.59	2,896.80	83.79	35.572		
2,300.00	2,239.50	2,218.50	2,218.50	11.92	75.77	89.53	-2,402.53	-1,827.29	2,980.21	2,892.52	87.68	33.988		
2,389.01	2,324.79	2,303.79	2,303.79	12.41	78.75	90.00	-2,402.53	-1,827.29	2,980.10	2,888.94	91.16	32.693		
2,400.00	2,335.32	2,314.32	2,314.32	12.47	79.12	90.06	-2,402.53	-1,827.29	2,980.10	2,888.52	91.58	32.540		
2,500.00	2,431.13	2,410.13	2,410.13	13.03	82.46	90.59	-2,402.53	-1,827.29	2,980.27	2,884.78	95.49	31.212		
2,600.00	2,526.95	2,505.95	2,505.95	13.59	85.80	91.11	-2,402.53	-1,827.29	2,980.71	2,881.32	99.39	29.990		
2,700.00	2,622.77	2,601.77	2,601.77	14.15	89.14	91.64	-2,402.53	-1,827.29	2,981.43	2,878.13	103.30	28.863		
2,800.00	2,718.59	2,702.41	2,697.59	14.72	92.65	92.17	-2,402.53	-1,827.29	2,982.42	2,875.05	107.37	27.776		
2,900.00	2,814.40	2,806.60	2,793.40	15.29	96.29	92.69	-2,402.53	-1,827.29	2,983.69	2,872.11	111.57	26.742		
3,000.00	2,910.22	2,889.22	2,889.22	15.85	99.17	93.22	-2,402.53	-1,827.29	2,985.23	2,870.20	115.03	25.953		
3,100.00	3,006.04	2,985.04	2,985.04	16.42	102.51	93.74	-2,402.53	-1,827.29	2,987.04	2,868.10	118.94	25.114		
3,200.00	3,101.85	3,080.85	3,080.85	16.99	105.86	94.27	-2,402.53	-1,827.29	2,989.12	2,866.27	122.85	24.332		
3,300.00	3,197.67	3,176.67	3,176.67	17.56	109.20	94.79	-2,402.53	-1,827.29	2,991.48	2,864.72	126.76	23.599		
3,400.00	3,293.49	3,272.49	3,272.49	18.14	112.55	95.31	-2,402.53	-1,827.29	2,994.11	2,863.44	130.68	22.912		
3,500.00	3,389.31	3,368.31	3,368.31	18.71	115.89	95.84	-2,402.53	-1,827.29	2,997.01	2,862.42	134.59	22.267		
3,600.00	3,485.12	3,464.12	3,464.12	19.28	119.23	96.36	-2,402.53	-1,827.29	3,000.18	2,861.68	138.51	21.661		
3,700.00	3,580.94	3,559.94	3,559.94	19.86	122.58	96.88	-2,402.53	-1,827.29	3,003.63	2,861.20	142.42	21.090		
3,800.00	3,676.76	3,655.76	3,655.76	20.43	125.92	97.40	-2,402.53	-1,827.29	3,007.33	2,861.00	146.34	20.551		
3,900.00	3,772.58	3,751.58	3,751.58	21.01	129.26	97.92	-2,402.53	-1,827.29	3,011.31	2,861.06	150.25	20.042		
4,000.00	3,868.39	3,847.39	3,847.39	21.58	132.61	98.43	-2,402.53	-1,827.29	3,015.55	2,861.39	154.17	19.560		
4,100.00	3,964.21	3,943.21	3,943.21	22.16	135.95	98.95	-2,402.53	-1,827.29	3,020.06	2,861.98	158.08	19.105		
4,200.00	4,060.03	4,039.03	4,039.03	22.74	139.30	99.46	-2,402.53	-1,827.29	3,024.83	2,862.84	161.99	18.672		
4,300.00	4,155.85	4,134.85	4,134.85	23.32	142.64	99.97	-2,402.53	-1,827.29	3,029.87	2,863.96	165.91	18.262		
4,400.00	4,251.66	4,230.66	4,230.66	23.89	145.98	100.48	-2,402.53	-1,827.29	3,035.16	2,865.34	169.82	17.873		
4,500.00	4,347.48	4,326.48	4,326.48	24.47	149.33	100.99	-2,402.53	-1,827.29	3,040.72	2,866.99	173.73	17.502		
4,600.00	4,443.30	4,422.30	4,422.30	25.05	152.67	101.50	-2,402.53	-1,827.29	3,046.54	2,868.89	177.65	17.149		
4,700.00	4,539.11	4,518.11	4,518.11	25.63	156.02	102.01	-2,402.53	-1,827.29	3,052.61	2,871.05	181.56	16.813		
4,800.00	4,634.93	4,613.93	4,613.93	26.21	159.36	102.51	-2,402.53	-1,827.29	3,058.94	2,873.47	185.47	16.493		
4,900.00	4,730.75	4,709.75	4,709.75	26.79	162.71	103.01	-2,402.53	-1,827.29	3,065.52	2,876.14	189.38	16.187		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,826.57	4,805.57	4,805.57	27.37	166.05	103.51	-2,402.53	-1,827.29	3,072.35	2,879.07	193.29	15.895		
5,100.00	4,922.38	4,901.38	4,901.38	27.95	169.39	104.01	-2,402.53	-1,827.29	3,079.44	2,882.24	197.20	15.616		
5,200.00	5,018.20	5,002.80	4,997.20	28.53	172.93	104.50	-2,402.53	-1,827.29	3,086.77	2,885.48	201.30	15.334		
5,300.00	5,114.02	5,106.98	5,093.02	29.11	176.57	105.00	-2,402.53	-1,827.29	3,094.36	2,888.86	205.50	15.058		
5,400.00	5,209.84	5,188.84	5,188.84	29.69	179.43	105.49	-2,402.53	-1,827.29	3,102.18	2,893.27	208.92	14.849		
5,500.00	5,305.65	5,284.65	5,284.65	30.27	182.77	105.97	-2,402.53	-1,827.29	3,110.26	2,897.44	212.82	14.614		
5,600.00	5,401.47	5,380.47	5,380.47	30.86	186.12	106.46	-2,402.53	-1,827.29	3,118.57	2,901.85	216.72	14.390		
5,700.00	5,497.29	5,476.29	5,476.29	31.44	189.46	106.94	-2,402.53	-1,827.29	3,127.12	2,906.50	220.63	14.174		
5,800.00	5,593.10	5,572.10	5,572.10	32.02	192.80	107.43	-2,402.53	-1,827.29	3,135.91	2,911.38	224.53	13.967		
5,900.00	5,688.92	5,667.92	5,667.92	32.60	196.15	107.90	-2,402.53	-1,827.29	3,144.94	2,916.51	228.43	13.768		
6,000.00	5,784.74	5,763.74	5,763.74	33.18	199.49	108.38	-2,402.53	-1,827.29	3,154.20	2,921.87	232.33	13.577		
6,100.00	5,880.56	5,859.56	5,859.56	33.76	202.84	108.85	-2,402.53	-1,827.29	3,163.69	2,927.47	236.22	13.393		
6,200.00	5,976.37	5,955.37	5,955.37	34.35	206.18	109.32	-2,402.53	-1,827.29	3,173.41	2,933.29	240.12	13.216		
6,300.00	6,072.19	6,051.19	6,051.19	34.93	209.53	109.79	-2,402.53	-1,827.29	3,183.36	2,939.35	244.02	13.046		
6,400.00	6,168.01	6,147.01	6,147.01	35.51	212.87	110.26	-2,402.53	-1,827.29	3,193.54	2,945.63	247.91	12.882		
6,500.00	6,263.83	6,242.83	6,242.83	36.09	216.22	110.72	-2,402.53	-1,827.29	3,203.94	2,952.13	251.80	12.724		
6,600.00	6,359.64	6,338.64	6,338.64	36.68	219.56	111.18	-2,402.53	-1,827.29	3,214.56	2,958.86	255.70	12.572		
6,700.00	6,455.46	6,434.46	6,434.46	37.26	222.91	111.64	-2,402.53	-1,827.29	3,225.39	2,965.81	259.59	12.425		
6,733.48	6,487.54	6,466.54	6,466.54	37.45	224.03	111.79	-2,402.53	-1,827.29	3,229.07	2,968.18	260.89	12.377		
6,750.00	6,503.41	6,482.41	6,482.41	37.55	224.58	108.01	-2,402.53	-1,827.29	3,230.70	2,969.16	261.53	12.353		
6,800.00	6,551.83	6,530.83	6,530.83	37.82	226.27	93.35	-2,402.53	-1,827.29	3,233.20	2,969.73	263.47	12.271		
6,850.00	6,600.62	6,579.62	6,579.62	38.05	227.97	74.12	-2,402.53	-1,827.29	3,232.07	2,966.67	265.41	12.178		
6,900.00	6,649.47	6,628.47	6,628.47	38.25	229.68	53.74	-2,402.53	-1,827.29	3,227.29	2,959.99	267.31	12.073		
6,950.00	6,698.08	6,677.08	6,677.08	38.42	231.38	36.66	-2,402.53	-1,827.29	3,218.89	2,949.72	269.17	11.959		
7,000.00	6,746.15	6,725.15	6,725.15	38.57	233.05	24.20	-2,402.53	-1,827.29	3,206.89	2,935.91	270.99	11.834		
7,050.00	6,793.39	6,772.39	6,772.39	38.71	234.70	15.34	-2,402.53	-1,827.29	3,191.38	2,918.62	272.76	11.700		
7,100.00	6,839.50	6,818.50	6,818.50	38.84	236.31	8.84	-2,402.53	-1,827.29	3,172.43	2,897.96	274.47	11.558		
7,150.00	6,884.20	6,863.20	6,863.20	38.97	237.87	3.78	-2,402.53	-1,827.29	3,150.16	2,874.03	276.13	11.408		
7,200.00	6,927.21	6,906.21	6,906.21	39.11	239.37	-0.40	-2,402.53	-1,827.29	3,124.70	2,846.99	277.72	11.251		
7,250.00	6,968.28	6,947.28	6,947.28	39.25	240.81	-4.10	-2,402.53	-1,827.29	3,096.21	2,816.98	279.23	11.088		
7,300.00	7,007.13	6,986.13	6,986.13	39.41	242.16	-7.59	-2,402.53	-1,827.29	3,064.86	2,784.20	280.66	10.920		
7,350.00	7,043.55	7,022.55	7,022.55	39.58	243.43	-11.09	-2,402.53	-1,827.29	3,030.86	2,748.85	282.01	10.747		
7,400.00	7,077.29	7,056.29	7,056.29	39.77	244.61	-14.79	-2,402.53	-1,827.29	2,994.42	2,711.15	283.26	10.571		
7,450.00	7,108.16	7,087.16	7,087.16	39.98	245.69	-18.89	-2,402.53	-1,827.29	2,955.76	2,671.34	284.42	10.392		
7,500.00	7,135.96	7,114.96	7,114.96	40.22	246.66	-23.62	-2,402.53	-1,827.29	2,915.15	2,629.68	285.47	10.212		
7,550.00	7,160.53	7,139.53	7,139.53	40.49	247.52	-29.22	-2,402.53	-1,827.29	2,872.85	2,586.42	286.42	10.030		
7,600.00	7,181.70	7,160.70	7,160.70	40.79	248.26	-35.98	-2,402.53	-1,827.29	2,829.12	2,541.86	287.26	9.849		
7,650.00	7,199.35	7,178.35	7,178.35	41.13	248.87	-44.16	-2,402.53	-1,827.29	2,784.27	2,496.28	287.98	9.668		
7,700.00	7,213.38	7,207.63	7,192.38	41.51	249.89	-53.87	-2,402.53	-1,827.29	2,738.58	2,449.46	289.13	9.472		
7,750.00	7,223.68	7,202.68	7,202.68	41.93	249.72	-64.89	-2,402.53	-1,827.29	2,692.37	2,403.28	289.09	9.313		
7,800.00	7,230.21	7,209.21	7,209.21	42.38	249.95	-76.54	-2,402.53	-1,827.29	2,645.93	2,356.46	289.47	9.141		
7,850.00	7,232.92	7,211.92	7,211.92	42.87	250.04	-87.81	-2,402.53	-1,827.29	2,599.59	2,309.85	289.73	8.972		
7,858.69	7,233.00	7,212.00	7,212.00	42.95	250.05	-89.66	-2,402.53	-1,827.29	2,591.56	2,301.80	289.77	8.944		
7,900.00	7,233.10	7,212.10	7,212.10	43.38	250.05	-89.67	-2,402.53	-1,827.29	2,553.51	2,263.58	289.92	8.808		
8,000.00	7,233.35	7,212.35	7,212.35	44.56	250.06	-89.68	-2,402.53	-1,827.29	2,461.82	2,171.46	290.36	8.478		
8,100.00	7,233.60	7,212.60	7,212.60	45.91	250.07	-89.69	-2,402.53	-1,827.29	2,370.80	2,079.92	290.88	8.150		
8,200.00	7,233.85	7,212.85	7,212.85	47.41	250.08	-89.71	-2,402.53	-1,827.29	2,280.53	1,989.04	291.49	7.824		
8,300.00	7,234.10	7,213.10	7,213.10	49.05	250.09	-89.72	-2,402.53	-1,827.29	2,191.11	1,898.90	292.21	7.498		
8,400.00	7,234.35	7,213.35	7,213.35	50.81	250.09	-89.74	-2,402.53	-1,827.29	2,102.64	1,809.58	293.06	7.175		
8,500.00	7,234.59	7,213.59	7,213.59	52.68	250.10	-89.75	-2,402.53	-1,827.29	2,015.26	1,721.20	294.05	6.853		
8,600.00	7,234.84	7,213.84	7,213.84	54.65	250.11	-89.77	-2,402.53	-1,827.29	1,929.09	1,633.89	295.21	6.535		
8,700.00	7,235.09	7,214.09	7,214.09	56.70	250.12	-89.78	-2,402.53	-1,827.29	1,844.33	1,547.78	296.55	6.219		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.34	7,214.34	7,214.34	58.82	250.13	-89.79	-2,402.53	-1,827.29	1,761.16	1,463.07	298.09	5.908		
8,900.00	7,235.59	7,214.59	7,214.59	61.01	250.14	-89.81	-2,402.53	-1,827.29	1,679.83	1,379.95	299.88	5.602		
9,000.00	7,235.84	7,214.84	7,214.84	63.25	250.15	-89.82	-2,402.53	-1,827.29	1,600.62	1,298.70	301.92	5.301		
9,100.00	7,236.09	7,215.09	7,215.09	65.55	250.16	-89.84	-2,402.53	-1,827.29	1,523.85	1,219.60	304.24	5.009		
9,200.00	7,236.34	7,215.34	7,215.34	67.89	250.16	-89.85	-2,402.53	-1,827.29	1,449.92	1,143.04	306.87	4.725		
9,300.00	7,236.58	7,215.58	7,215.58	70.27	250.17	-89.86	-2,402.53	-1,827.29	1,379.28	1,069.45	309.82	4.452		
9,400.00	7,236.83	7,215.83	7,215.83	72.69	250.18	-89.88	-2,402.53	-1,827.29	1,312.46	999.36	313.09	4.192		
9,500.00	7,237.08	7,216.08	7,216.08	75.14	250.19	-89.89	-2,402.53	-1,827.29	1,250.07	933.40	316.67	3.948		
9,600.00	7,237.33	7,216.33	7,216.33	77.62	250.20	-89.91	-2,402.53	-1,827.29	1,192.82	872.30	320.52	3.721		
9,700.00	7,237.58	7,216.58	7,216.58	80.12	250.21	-89.92	-2,402.53	-1,827.29	1,141.48	816.89	324.58	3.517		
9,800.00	7,237.83	7,216.83	7,216.83	82.65	250.22	-89.94	-2,402.53	-1,827.29	1,096.86	768.12	328.74	3.337		
9,900.00	7,238.08	7,217.08	7,217.08	85.20	250.22	-89.95	-2,402.53	-1,827.29	1,059.84	726.97	332.87	3.184		
10,000.00	7,238.32	7,217.32	7,217.32	87.77	250.23	-89.96	-2,402.53	-1,827.29	1,031.21	694.43	336.78	3.062		
10,100.00	7,238.57	7,217.57	7,217.57	90.36	250.24	-89.98	-2,402.53	-1,827.29	1,011.70	671.41	340.29	2.973		
10,200.00	7,238.82	7,217.82	7,217.82	92.97	250.25	-89.99	-2,402.53	-1,827.29	1,001.84	658.62	343.22	2.919		
10,249.29	7,238.94	7,217.94	7,217.94	94.26	250.25	-90.00	-2,402.53	-1,827.29	1,000.62	656.22	344.40	2.905 CC, ES		
10,300.00	7,239.07	7,218.07	7,218.07	95.59	250.26	-90.01	-2,402.53	-1,827.29	1,001.91	656.48	345.42	2.901 SF		
10,400.00	7,239.32	7,218.32	7,218.32	98.22	250.27	-90.02	-2,402.53	-1,827.29	1,011.91	665.07	346.83	2.918		
10,500.00	7,239.57	7,218.57	7,218.57	100.87	250.28	-90.04	-2,402.53	-1,827.29	1,031.55	684.10	347.45	2.969		
10,600.00	7,239.82	7,218.82	7,218.82	103.52	250.29	-90.05	-2,402.53	-1,827.29	1,060.30	712.97	347.33	3.053		
10,700.00	7,240.07	7,219.07	7,219.07	106.19	250.29	-90.06	-2,402.53	-1,827.29	1,097.44	750.85	346.60	3.166		
10,800.00	7,240.31	7,219.31	7,219.31	108.87	250.30	-90.08	-2,402.53	-1,827.29	1,142.16	796.77	345.39	3.307		
10,900.00	7,240.56	7,219.56	7,219.56	111.56	250.31	-90.09	-2,402.53	-1,827.29	1,193.59	849.76	343.83	3.471		
11,000.00	7,240.81	7,219.81	7,219.81	114.25	250.32	-90.11	-2,402.53	-1,827.29	1,250.92	908.87	342.05	3.657		
11,100.00	7,241.06	7,220.06	7,220.06	116.96	250.33	-90.12	-2,402.53	-1,827.29	1,313.37	973.22	340.15	3.861		
11,200.00	7,241.31	7,220.31	7,220.31	119.67	250.34	-90.14	-2,402.53	-1,827.29	1,380.25	1,042.04	338.21	4.081		
11,300.00	7,241.56	7,220.56	7,220.56	122.39	250.35	-90.15	-2,402.53	-1,827.29	1,450.94	1,114.67	336.27	4.315		
11,400.00	7,241.81	7,220.81	7,220.81	125.11	250.35	-90.16	-2,402.53	-1,827.29	1,524.91	1,190.53	334.39	4.560		
11,500.00	7,242.06	7,221.06	7,221.06	127.84	250.36	-90.18	-2,402.53	-1,827.29	1,601.72	1,269.14	332.58	4.816		
11,600.00	7,242.30	7,221.30	7,221.30	130.58	250.37	-90.19	-2,402.53	-1,827.29	1,680.97	1,350.11	330.86	5.081		
11,700.00	7,242.55	7,221.55	7,221.55	133.32	250.38	-90.21	-2,402.53	-1,827.29	1,762.32	1,433.09	329.24	5.353		
11,800.00	7,242.80	7,221.80	7,221.80	136.07	250.39	-90.22	-2,402.53	-1,827.29	1,845.51	1,517.80	327.71	5.632		
11,900.00	7,243.05	7,222.05	7,222.05	138.82	250.40	-90.24	-2,402.53	-1,827.29	1,930.30	1,604.02	326.28	5.916		
12,000.00	7,243.30	7,222.30	7,222.30	141.58	250.41	-90.25	-2,402.53	-1,827.29	2,016.48	1,691.53	324.95	6.206		
12,100.00	7,243.55	7,222.55	7,222.55	144.34	250.42	-90.26	-2,402.53	-1,827.29	2,103.89	1,780.18	323.71	6.499		
12,200.00	7,243.80	7,222.80	7,222.80	147.10	250.42	-90.28	-2,402.53	-1,827.29	2,192.37	1,869.82	322.55	6.797		
12,300.00	7,244.04	7,223.04	7,223.04	149.87	250.43	-90.29	-2,402.53	-1,827.29	2,281.80	1,960.33	321.47	7.098		
12,400.00	7,244.29	7,223.29	7,223.29	152.64	250.44	-90.31	-2,402.53	-1,827.29	2,372.08	2,051.61	320.47	7.402		
12,500.00	7,244.54	7,223.54	7,223.54	155.41	250.45	-90.32	-2,402.53	-1,827.29	2,463.11	2,143.57	319.53	7.708		
12,600.00	7,244.79	7,223.79	7,223.79	158.19	250.46	-90.33	-2,402.53	-1,827.29	2,554.81	2,236.14	318.66	8.017		
12,700.00	7,245.04	7,224.04	7,224.04	160.97	250.47	-90.35	-2,402.53	-1,827.29	2,647.11	2,329.26	317.85	8.328		
12,800.00	7,245.29	7,224.29	7,224.29	163.75	250.48	-90.36	-2,402.53	-1,827.29	2,739.95	2,422.85	317.09	8.641		
12,900.00	7,245.54	7,224.54	7,224.54	166.54	250.49	-90.38	-2,402.53	-1,827.29	2,833.28	2,516.89	316.38	8.955		
13,000.00	7,245.79	7,224.79	7,224.79	169.33	250.49	-90.39	-2,402.53	-1,827.29	2,927.04	2,611.32	315.72	9.271		
13,100.00	7,246.03	7,225.03	7,225.03	172.12	250.50	-90.41	-2,402.53	-1,827.29	3,021.21	2,706.11	315.11	9.588		
13,200.00	7,246.28	7,225.28	7,225.28	174.91	250.51	-90.42	-2,402.53	-1,827.29	3,115.74	2,801.22	314.53	9.906		
13,300.00	7,246.53	7,225.53	7,225.53	177.71	250.52	-90.43	-2,402.53	-1,827.29	3,210.61	2,896.62	313.99	10.225		
13,400.00	7,246.78	7,225.78	7,225.78	180.50	250.53	-90.45	-2,402.53	-1,827.29	3,305.77	2,992.30	313.48	10.545		
13,500.00	7,247.03	7,226.03	7,226.03	183.30	250.54	-90.46	-2,402.53	-1,827.29	3,401.22	3,088.21	313.00	10.866		
13,600.00	7,247.28	7,226.28	7,226.28	186.10	250.55	-90.48	-2,402.53	-1,827.29	3,496.91	3,184.36	312.55	11.188		
13,700.00	7,247.53	7,226.53	7,226.53	188.91	250.55	-90.49	-2,402.53	-1,827.29	3,592.85	3,280.71	312.14	11.511		
13,800.00	7,247.77	7,226.77	7,226.77	191.71	250.56	-90.51	-2,402.53	-1,827.29	3,689.00	3,377.25	311.74	11.834		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	7,227.02	7,227.02	194.52	250.57	-90.52	-2,402.53	-1,827.29	3,785.34	3,473.97	311.37	12.157		
14,000.00	7,248.27	7,227.27	7,227.27	197.32	250.58	-90.53	-2,402.53	-1,827.29	3,881.88	3,570.85	311.02	12.481		
14,100.00	7,248.52	7,227.52	7,227.52	200.13	250.59	-90.55	-2,402.53	-1,827.29	3,978.58	3,667.89	310.69	12.806		
14,200.00	7,248.77	7,227.77	7,227.77	202.94	250.60	-90.56	-2,402.53	-1,827.29	4,075.44	3,765.06	310.38	13.130		
14,300.00	7,249.02	7,228.02	7,228.02	205.76	250.61	-90.58	-2,402.53	-1,827.29	4,172.45	3,862.36	310.09	13.456		
14,400.00	7,249.27	7,228.27	7,228.27	208.57	250.62	-90.59	-2,402.53	-1,827.29	4,269.60	3,959.78	309.82	13.781		
14,500.00	7,249.52	7,228.52	7,228.52	211.38	250.62	-90.61	-2,402.53	-1,827.29	4,366.88	4,057.32	309.56	14.107		
14,600.00	7,249.76	7,228.76	7,228.76	214.20	250.63	-90.62	-2,402.53	-1,827.29	4,464.28	4,154.96	309.32	14.433		
14,700.00	7,250.01	7,229.01	7,229.01	217.02	250.64	-90.63	-2,402.53	-1,827.29	4,561.79	4,252.70	309.09	14.759		
14,800.00	7,250.26	7,229.26	7,229.26	219.84	250.65	-90.65	-2,402.53	-1,827.29	4,659.40	4,350.54	308.87	15.085		
14,900.00	7,250.51	7,229.51	7,229.51	222.65	250.66	-90.66	-2,402.53	-1,827.29	4,757.12	4,448.45	308.66	15.412		
15,000.00	7,250.76	7,229.76	7,229.76	225.48	250.67	-90.68	-2,402.53	-1,827.29	4,854.93	4,546.45	308.47	15.739		
15,100.00	7,251.01	7,230.01	7,230.01	228.30	250.68	-90.69	-2,402.53	-1,827.29	4,952.82	4,644.53	308.29	16.065		
15,200.00	7,251.26	7,230.26	7,230.26	231.12	250.68	-90.70	-2,402.53	-1,827.29	5,050.80	4,742.68	308.12	16.392		
15,300.00	7,251.50	7,230.50	7,230.50	233.94	250.69	-90.72	-2,402.53	-1,827.29	5,148.86	4,840.90	307.96	16.719		
15,400.00	7,251.75	7,230.75	7,230.75	236.77	250.70	-90.73	-2,402.53	-1,827.29	5,246.99	4,939.18	307.81	17.046		
15,500.00	7,252.00	7,231.00	7,231.00	239.59	250.71	-90.75	-2,402.53	-1,827.29	5,345.18	5,037.52	307.67	17.373		
15,600.00	7,252.25	7,231.25	7,231.25	242.42	250.72	-90.76	-2,402.53	-1,827.29	5,443.45	5,135.92	307.53	17.700		
15,700.00	7,252.50	7,231.50	7,231.50	245.24	250.73	-90.78	-2,402.53	-1,827.29	5,541.77	5,234.37	307.41	18.028		
15,800.00	7,252.75	7,231.75	7,231.75	248.07	250.74	-90.79	-2,402.53	-1,827.29	5,640.16	5,332.87	307.29	18.355		
15,900.00	7,253.00	7,232.00	7,232.00	250.90	250.75	-90.80	-2,402.53	-1,827.29	5,738.60	5,431.42	307.18	18.682		
16,000.00	7,253.25	7,232.25	7,232.25	253.73	250.75	-90.82	-2,402.53	-1,827.29	5,837.09	5,530.02	307.07	19.009		
16,100.00	7,253.49	7,232.49	7,232.49	256.56	250.76	-90.83	-2,402.53	-1,827.29	5,935.64	5,628.66	306.97	19.336		
16,200.00	7,253.74	7,232.74	7,232.74	259.39	250.77	-90.85	-2,402.53	-1,827.29	6,034.23	5,727.35	306.88	19.663		
16,300.00	7,253.99	7,232.99	7,232.99	262.22	250.78	-90.86	-2,402.53	-1,827.29	6,132.87	5,826.07	306.80	19.990		
16,400.00	7,254.24	7,233.24	7,233.24	265.05	250.79	-90.88	-2,402.53	-1,827.29	6,231.55	5,924.83	306.72	20.317		
16,500.00	7,254.49	7,233.49	7,233.49	267.88	250.80	-90.89	-2,402.53	-1,827.29	6,330.27	6,023.62	306.65	20.644		
16,600.00	7,254.74	7,233.74	7,233.74	270.72	250.81	-90.90	-2,402.53	-1,827.29	6,429.03	6,122.45	306.58	20.970		
16,700.00	7,254.99	7,233.99	7,233.99	273.55	250.81	-90.92	-2,402.53	-1,827.29	6,527.83	6,221.32	306.52	21.297		
16,800.00	7,255.24	7,234.24	7,234.24	276.38	250.82	-90.93	-2,402.53	-1,827.29	6,626.67	6,320.21	306.46	21.623		
16,900.00	7,255.48	7,234.48	7,234.48	279.22	250.83	-90.95	-2,402.53	-1,827.29	6,725.54	6,419.13	306.40	21.950		
17,000.00	7,255.73	7,234.73	7,234.73	282.05	250.84	-90.96	-2,402.53	-1,827.29	6,824.44	6,518.09	306.36	22.276		
17,100.00	7,255.98	7,234.98	7,234.98	284.89	250.85	-90.98	-2,402.53	-1,827.29	6,923.38	6,617.06	306.31	22.602		
17,200.00	7,256.23	7,235.23	7,235.23	287.73	250.86	-90.99	-2,402.53	-1,827.29	7,022.34	6,716.07	306.27	22.928		
17,300.00	7,256.48	7,235.48	7,235.48	290.56	250.87	-91.00	-2,402.53	-1,827.29	7,121.33	6,815.10	306.24	23.254		
17,400.00	7,256.73	7,235.73	7,235.73	293.40	250.88	-91.02	-2,402.53	-1,827.29	7,220.36	6,914.15	306.20	23.580		
17,500.00	7,256.98	7,235.98	7,235.98	296.24	250.88	-91.03	-2,402.53	-1,827.29	7,319.40	7,013.23	306.18	23.906		
17,600.00	7,257.22	7,236.22	7,236.22	299.07	250.89	-91.05	-2,402.53	-1,827.29	7,418.48	7,112.33	306.15	24.231		
17,700.00	7,257.47	7,236.47	7,236.47	301.91	250.90	-91.06	-2,402.53	-1,827.29	7,517.57	7,211.44	306.13	24.557		
17,800.00	7,257.72	7,236.72	7,236.72	304.75	250.91	-91.08	-2,402.53	-1,827.29	7,616.70	7,310.58	306.11	24.882		
17,900.00	7,257.97	7,236.97	7,236.97	307.59	250.92	-91.09	-2,402.53	-1,827.29	7,715.84	7,409.74	306.10	25.207		
18,000.00	7,258.22	7,237.22	7,237.22	310.43	250.93	-91.10	-2,402.53	-1,827.29	7,815.01	7,508.92	306.09	25.532		
18,100.00	7,258.47	7,237.47	7,237.47	313.27	250.94	-91.12	-2,402.53	-1,827.29	7,914.19	7,608.11	306.08	25.857		
18,200.00	7,258.72	7,237.72	7,237.72	316.11	250.95	-91.13	-2,402.53	-1,827.29	8,013.40	7,707.33	306.07	26.181		
18,300.00	7,258.97	7,237.97	7,237.97	318.95	250.95	-91.15	-2,402.53	-1,827.29	8,112.63	7,806.56	306.07	26.506		
18,400.00	7,259.21	7,238.21	7,238.21	321.79	250.96	-91.16	-2,402.53	-1,827.29	8,211.87	7,905.80	306.07	26.830		
18,500.00	7,259.46	7,238.46	7,238.46	324.63	250.97	-91.17	-2,402.53	-1,827.29	8,311.14	8,005.06	306.08	27.154		
18,600.00	7,259.71	7,238.71	7,238.71	327.48	250.98	-91.19	-2,402.53	-1,827.29	8,410.42	8,104.33	306.08	27.478		
18,700.00	7,259.96	7,238.96	7,238.96	330.32	250.99	-91.20	-2,402.53	-1,827.29	8,509.71	8,203.62	306.09	27.801		
18,800.00	7,260.21	7,239.21	7,239.21	333.16	251.00	-91.22	-2,402.53	-1,827.29	8,609.03	8,302.93	306.10	28.125		
18,900.00	7,260.46	7,239.46	7,239.46	336.00	251.01	-91.23	-2,402.53	-1,827.29	8,708.36	8,402.24	306.12	28.448		
19,000.00	7,260.71	7,239.71	7,239.71	338.85	251.01	-91.25	-2,402.53	-1,827.29	8,807.70	8,501.57	306.13	28.771		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - MICHAEL I #14-2 - OH - OH												<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,100.00	7,260.95	7,239.95	7,239.95	341.69	251.02	-91.26	-2,402.53	-1,827.29	8,907.06	8,600.91	306.15	29.094	
19,118.22	7,261.00	7,240.00	7,240.00	342.21	251.02	-91.26	-2,402.53	-1,827.29	8,925.17	8,619.01	306.15	29.152	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-86.47	426.11	-6,911.74	6,924.86					
100.00	100.00	117.00	117.00	3.28	4.03	-86.47	426.11	-6,911.74	6,924.86	6,917.55	7.31	946.894		
200.00	200.00	217.00	217.00	3.34	6.69	-86.47	426.11	-6,911.74	6,924.86	6,914.84	10.03	690.666		
300.00	300.00	317.00	317.00	3.44	9.88	-86.47	426.11	-6,911.74	6,924.86	6,911.54	13.33	519.645		
400.00	399.98	416.98	416.98	3.60	13.22	137.12	426.11	-6,911.74	6,926.14	6,909.32	16.82	411.752		
500.00	499.84	516.84	516.84	3.79	16.62	137.10	426.11	-6,911.74	6,929.98	6,909.57	20.41	339.489		
600.00	599.45	616.45	616.45	4.03	20.05	137.06	426.11	-6,911.74	6,936.37	6,912.30	24.07	288.198		
700.00	698.70	715.70	715.70	4.30	23.47	137.00	426.11	-6,911.74	6,945.32	6,917.56	27.76	250.151		
800.00	797.47	814.47	814.47	4.60	26.89	136.93	426.11	-6,911.74	6,956.82	6,925.34	31.49	220.939		
900.00	895.62	912.62	912.62	4.94	30.29	136.85	426.11	-6,911.74	6,970.87	6,935.65	35.23	197.887		
1,000.00	993.06	1,010.06	1,010.06	5.32	33.68	136.74	426.11	-6,911.74	6,987.47	6,948.49	38.97	179.288		
1,100.00	1,089.64	1,106.64	1,106.64	5.73	37.03	136.62	426.11	-6,911.74	7,006.60	6,963.88	42.72	164.007		
1,131.50	1,119.87	1,136.87	1,136.87	5.87	38.08	136.57	426.11	-6,911.74	7,013.15	6,969.25	43.90	159.741		
1,200.00	1,185.51	1,202.51	1,202.51	6.18	40.37	136.68	426.11	-6,911.74	7,027.69	6,981.22	46.47	151.233		
1,300.00	1,281.33	1,301.67	1,298.33	6.65	43.82	136.84	426.11	-6,911.74	7,048.95	6,998.60	50.35	140.006		
1,400.00	1,377.14	1,405.86	1,394.14	7.13	47.45	136.99	426.11	-6,911.74	7,070.26	7,015.85	54.42	129.928		
1,500.00	1,472.96	1,489.96	1,489.96	7.63	50.38	137.15	426.11	-6,911.74	7,091.63	7,033.83	57.80	122.692		
1,600.00	1,568.78	1,585.78	1,585.78	8.14	53.71	137.30	426.11	-6,911.74	7,113.04	7,051.44	61.60	115.467		
1,700.00	1,664.60	1,681.60	1,681.60	8.66	57.05	137.45	426.11	-6,911.74	7,134.51	7,069.09	65.41	109.068		
1,800.00	1,760.41	1,777.41	1,777.41	9.19	60.39	137.61	426.11	-6,911.74	7,156.02	7,086.79	69.23	103.363		
1,900.00	1,856.23	1,873.23	1,873.23	9.73	63.73	137.76	426.11	-6,911.74	7,177.59	7,104.53	73.06	98.247		
2,000.00	1,952.05	1,969.05	1,969.05	10.27	67.07	137.91	426.11	-6,911.74	7,199.20	7,122.32	76.89	93.635		
2,100.00	2,047.86	2,064.86	2,064.86	10.81	70.42	138.06	426.11	-6,911.74	7,220.87	7,140.15	80.72	89.456		
2,200.00	2,143.68	2,160.68	2,160.68	11.36	73.76	138.21	426.11	-6,911.74	7,242.58	7,158.02	84.56	85.652		
2,300.00	2,239.50	2,256.50	2,256.50	11.92	77.10	138.35	426.11	-6,911.74	7,264.34	7,175.94	88.40	82.177		
2,400.00	2,335.32	2,352.32	2,352.32	12.47	80.44	138.50	426.11	-6,911.74	7,286.15	7,193.90	92.24	78.989		
2,500.00	2,431.13	2,448.13	2,448.13	13.03	83.78	138.65	426.11	-6,911.74	7,308.00	7,211.91	96.09	76.055		
2,600.00	2,526.95	2,543.95	2,543.95	13.59	87.13	138.79	426.11	-6,911.74	7,329.90	7,229.97	99.94	73.346		
2,700.00	2,622.77	2,639.77	2,639.77	14.15	90.47	138.94	426.11	-6,911.74	7,351.85	7,248.06	103.79	70.837		
2,800.00	2,718.59	2,735.59	2,735.59	14.72	93.81	139.08	426.11	-6,911.74	7,373.84	7,266.20	107.64	68.507		
2,900.00	2,814.40	2,831.40	2,831.40	15.29	97.15	139.22	426.11	-6,911.74	7,395.88	7,284.39	111.49	66.337		
3,000.00	2,910.22	2,927.22	2,927.22	15.85	100.50	139.36	426.11	-6,911.74	7,417.96	7,302.62	115.34	64.312		
3,100.00	3,006.04	3,023.04	3,023.04	16.42	103.84	139.51	426.11	-6,911.74	7,440.09	7,320.89	119.20	62.418		
3,200.00	3,101.85	3,118.85	3,118.85	16.99	107.18	139.65	426.11	-6,911.74	7,462.26	7,339.21	123.05	60.643		
3,300.00	3,197.67	3,214.67	3,214.67	17.56	110.53	139.78	426.11	-6,911.74	7,484.48	7,357.57	126.91	58.976		
3,400.00	3,293.49	3,310.49	3,310.49	18.14	113.87	139.92	426.11	-6,911.74	7,506.74	7,375.97	130.76	57.407		
3,500.00	3,389.31	3,406.31	3,406.31	18.71	117.21	140.06	426.11	-6,911.74	7,529.04	7,394.42	134.62	55.928		
3,600.00	3,485.12	3,502.12	3,502.12	19.28	120.56	140.20	426.11	-6,911.74	7,551.38	7,412.90	138.48	54.531		
3,700.00	3,580.94	3,602.06	3,597.94	19.86	124.05	140.33	426.11	-6,911.74	7,573.77	7,431.29	142.48	53.157		
3,800.00	3,676.76	3,706.24	3,693.76	20.43	127.68	140.47	426.11	-6,911.74	7,596.20	7,449.57	146.63	51.805		
3,900.00	3,772.58	3,789.58	3,789.58	21.01	130.59	140.60	426.11	-6,911.74	7,618.67	7,468.61	150.05	50.774		
4,000.00	3,868.39	3,885.39	3,885.39	21.58	133.93	140.74	426.11	-6,911.74	7,641.18	7,487.27	153.91	49.647		
4,100.00	3,964.21	3,981.21	3,981.21	22.16	137.28	140.87	426.11	-6,911.74	7,663.73	7,505.96	157.77	48.576		
4,200.00	4,060.03	4,077.03	4,077.03	22.74	140.62	141.00	426.11	-6,911.74	7,686.32	7,524.69	161.63	47.556		
4,300.00	4,155.85	4,172.85	4,172.85	23.32	143.97	141.14	426.11	-6,911.74	7,708.95	7,543.47	165.49	46.584		
4,400.00	4,251.66	4,268.66	4,268.66	23.89	147.31	141.27	426.11	-6,911.74	7,731.62	7,562.28	169.34	45.656		
4,500.00	4,347.48	4,364.48	4,364.48	24.47	150.65	141.40	426.11	-6,911.74	7,754.34	7,581.13	173.20	44.770		
4,600.00	4,443.30	4,460.30	4,460.30	25.05	154.00	141.53	426.11	-6,911.74	7,777.09	7,600.02	177.06	43.923		
4,700.00	4,539.11	4,556.11	4,556.11	25.63	157.34	141.66	426.11	-6,911.74	7,799.88	7,618.95	180.92	43.112		
4,800.00	4,634.93	4,651.93	4,651.93	26.21	160.69	141.78	426.11	-6,911.74	7,822.70	7,637.92	184.78	42.335		
4,900.00	4,730.75	4,747.75	4,747.75	26.79	164.03	141.91	426.11	-6,911.74	7,845.57	7,656.93	188.64	41.591		
5,000.00	4,826.57	4,843.57	4,843.57	27.37	167.38	142.04	426.11	-6,911.74	7,868.47	7,675.97	192.50	40.876		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,939.38	4,939.38	27.95	170.72	142.16	426.11	-6,911.74	7,891.41	7,695.06	196.35	40.190		
5,200.00	5,018.20	5,035.20	5,035.20	28.53	174.06	142.29	426.11	-6,911.74	7,914.39	7,714.17	200.21	39.530		
5,300.00	5,114.02	5,131.02	5,131.02	29.11	177.41	142.41	426.11	-6,911.74	7,937.40	7,733.33	204.07	38.895		
5,400.00	5,209.84	5,226.84	5,226.84	29.69	180.75	142.54	426.11	-6,911.74	7,960.45	7,752.52	207.93	38.284		
5,500.00	5,305.65	5,322.65	5,322.65	30.27	184.10	142.66	426.11	-6,911.74	7,983.54	7,771.75	211.79	37.696		
5,600.00	5,401.47	5,418.47	5,418.47	30.86	187.44	142.78	426.11	-6,911.74	8,006.66	7,791.01	215.64	37.129		
5,700.00	5,497.29	5,514.29	5,514.29	31.44	190.79	142.90	426.11	-6,911.74	8,029.82	7,810.31	219.50	36.582		
5,800.00	5,593.10	5,610.10	5,610.10	32.02	194.13	143.02	426.11	-6,911.74	8,053.01	7,829.65	223.36	36.054		
5,900.00	5,688.92	5,705.92	5,705.92	32.60	197.48	143.14	426.11	-6,911.74	8,076.24	7,849.02	227.22	35.544		
6,000.00	5,784.74	5,801.74	5,801.74	33.18	200.82	143.26	426.11	-6,911.74	8,099.50	7,868.42	231.07	35.051		
6,100.00	5,880.56	5,902.44	5,897.56	33.76	204.34	143.38	426.11	-6,911.74	8,122.79	7,887.69	235.10	34.550		
6,200.00	5,976.37	6,006.63	5,993.37	34.35	207.97	143.50	426.11	-6,911.74	8,146.12	7,906.87	239.25	34.048		
6,300.00	6,072.19	6,089.19	6,089.19	34.93	210.85	143.62	426.11	-6,911.74	8,169.49	7,926.84	242.65	33.668		
6,400.00	6,168.01	6,185.01	6,185.01	35.51	214.20	143.74	426.11	-6,911.74	8,192.88	7,946.38	246.50	33.237		
6,500.00	6,263.83	6,280.83	6,280.83	36.09	217.54	143.85	426.11	-6,911.74	8,216.31	7,965.96	250.36	32.818		
6,600.00	6,359.64	6,376.64	6,376.64	36.68	220.89	143.97	426.11	-6,911.74	8,239.78	7,985.56	254.21	32.413		
6,700.00	6,455.46	6,472.46	6,472.46	37.26	224.23	144.08	426.11	-6,911.74	8,263.27	8,005.20	258.07	32.019		
6,733.48	6,487.54	6,504.54	6,504.54	37.45	225.35	144.12	426.11	-6,911.74	8,271.15	8,011.78	259.36	31.890		
6,750.00	6,503.41	6,520.41	6,520.41	37.55	225.91	140.17	426.11	-6,911.74	8,274.83	8,014.83	260.00	31.826		
6,800.00	6,551.83	6,568.83	6,568.83	37.82	227.60	125.12	426.11	-6,911.74	8,283.47	8,021.53	261.93	31.624		
6,850.00	6,600.62	6,617.62	6,617.62	38.05	229.30	105.72	426.11	-6,911.74	8,288.30	8,024.44	263.87	31.411		
6,900.00	6,649.47	6,666.47	6,666.47	38.25	231.00	85.37	426.11	-6,911.74	8,289.31	8,023.53	265.78	31.189		
6,950.00	6,698.08	6,715.08	6,715.08	38.42	232.70	68.55	426.11	-6,911.74	8,286.49	8,018.84	267.66	30.960		
7,000.00	6,746.15	6,763.15	6,763.15	38.57	234.38	56.56	426.11	-6,911.74	8,279.86	8,010.38	269.48	30.725		
7,050.00	6,793.39	6,810.39	6,810.39	38.71	236.03	48.41	426.11	-6,911.74	8,269.46	7,998.21	271.25	30.486		
7,100.00	6,839.50	6,856.50	6,856.50	38.84	237.64	42.87	426.11	-6,911.74	8,255.36	7,982.40	272.96	30.244		
7,150.00	6,884.20	6,901.20	6,901.20	38.97	239.20	39.09	426.11	-6,911.74	8,237.65	7,963.06	274.59	30.000		
7,200.00	6,927.21	6,944.21	6,944.21	39.11	240.70	36.51	426.11	-6,911.74	8,216.43	7,940.30	276.14	29.755		
7,250.00	6,968.28	6,985.28	6,985.28	39.25	242.13	34.83	426.11	-6,911.74	8,191.86	7,914.26	277.60	29.509		
7,300.00	7,007.13	7,024.13	7,024.13	39.41	243.49	33.83	426.11	-6,911.74	8,164.06	7,885.10	278.97	29.265		
7,350.00	7,043.55	7,060.55	7,060.55	39.58	244.76	33.43	426.11	-6,911.74	8,133.23	7,853.00	280.24	29.023		
7,400.00	7,077.29	7,105.71	7,094.29	39.77	246.34	33.58	426.11	-6,911.74	8,099.55	7,817.75	281.80	28.743		
7,450.00	7,108.16	7,125.16	7,125.16	39.98	247.02	34.26	426.11	-6,911.74	8,063.22	7,780.77	282.45	28.547		
7,500.00	7,135.96	7,152.96	7,152.96	40.22	247.99	35.55	426.11	-6,911.74	8,024.48	7,741.09	283.39	28.316		
7,550.00	7,160.53	7,177.53	7,177.53	40.49	248.84	37.55	426.11	-6,911.74	7,983.56	7,699.34	284.22	28.090		
7,600.00	7,181.70	7,201.30	7,198.70	40.79	249.67	40.46	426.11	-6,911.74	7,940.71	7,655.69	285.01	27.861		
7,650.00	7,199.35	7,216.35	7,216.35	41.13	250.20	44.59	426.11	-6,911.74	7,896.19	7,610.68	285.51	27.656		
7,700.00	7,213.38	7,230.38	7,230.38	41.51	250.69	50.44	426.11	-6,911.74	7,850.28	7,564.30	285.98	27.451		
7,750.00	7,223.68	7,240.68	7,240.68	41.93	251.05	58.77	426.11	-6,911.74	7,803.25	7,516.93	286.32	27.253		
7,800.00	7,230.21	7,247.21	7,247.21	42.38	251.28	70.54	426.11	-6,911.74	7,755.41	7,468.86	286.54	27.065		
7,850.00	7,232.92	7,249.92	7,249.92	42.87	251.37	86.31	426.11	-6,911.74	7,707.02	7,420.38	286.65	26.887		
7,858.69	7,233.00	7,250.00	7,250.00	42.95	251.37	89.41	426.11	-6,911.74	7,698.58	7,411.93	286.65	26.857		
7,900.00	7,233.10	7,250.10	7,250.10	43.38	251.38	89.42	426.11	-6,911.74	7,658.45	7,371.78	286.67	26.715		
8,000.00	7,233.35	7,250.35	7,250.35	44.56	251.39	89.42	426.11	-6,911.74	7,561.34	7,274.62	286.72	26.372		
8,100.00	7,233.60	7,250.60	7,250.60	45.91	251.39	89.43	426.11	-6,911.74	7,464.31	7,177.51	286.80	26.027		
8,200.00	7,233.85	7,250.85	7,250.85	47.41	251.40	89.44	426.11	-6,911.74	7,367.36	7,080.47	286.89	25.680		
8,300.00	7,234.10	7,251.10	7,251.10	49.05	251.41	89.45	426.11	-6,911.74	7,270.49	6,983.49	287.00	25.333		
8,400.00	7,234.35	7,251.35	7,251.35	50.81	251.42	89.46	426.11	-6,911.74	7,173.71	6,886.57	287.14	24.983		
8,500.00	7,234.59	7,251.59	7,251.59	52.68	251.43	89.46	426.11	-6,911.74	7,077.02	6,789.72	287.30	24.633		
8,600.00	7,234.84	7,251.84	7,251.84	54.65	251.44	89.47	426.11	-6,911.74	6,980.42	6,692.93	287.48	24.281		
8,700.00	7,235.09	7,252.09	7,252.09	56.70	251.45	89.48	426.11	-6,911.74	6,883.91	6,596.22	287.70	23.928		
8,800.00	7,235.34	7,252.34	7,252.34	58.82	251.46	89.49	426.11	-6,911.74	6,787.51	6,499.58	287.94	23.573		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.59	7,252.59	7,252.59	61.01	251.46	89.50	426.11	-6,911.74	6,691.22	6,403.01	288.21	23.217		
9,000.00	7,235.84	7,252.84	7,252.84	63.25	251.47	89.50	426.11	-6,911.74	6,595.03	6,306.52	288.51	22.859		
9,100.00	7,236.09	7,253.09	7,253.09	65.55	251.48	89.51	426.11	-6,911.74	6,498.96	6,210.11	288.85	22.499		
9,200.00	7,236.34	7,253.34	7,253.34	67.89	251.49	89.52	426.11	-6,911.74	6,403.01	6,113.79	289.22	22.139		
9,300.00	7,236.58	7,253.58	7,253.58	70.27	251.50	89.53	426.11	-6,911.74	6,307.19	6,017.56	289.63	21.776		
9,400.00	7,236.83	7,253.83	7,253.83	72.69	251.51	89.53	426.11	-6,911.74	6,211.50	5,921.41	290.08	21.413		
9,500.00	7,237.08	7,254.08	7,254.08	75.14	251.52	89.54	426.11	-6,911.74	6,115.94	5,825.37	290.58	21.048		
9,600.00	7,237.33	7,254.33	7,254.33	77.62	251.53	89.55	426.11	-6,911.74	6,020.53	5,729.42	291.11	20.681		
9,700.00	7,237.58	7,254.58	7,254.58	80.12	251.53	89.56	426.11	-6,911.74	5,925.27	5,633.58	291.69	20.313		
9,800.00	7,237.83	7,254.83	7,254.83	82.65	251.54	89.57	426.11	-6,911.74	5,830.17	5,537.85	292.32	19.944		
9,900.00	7,238.08	7,255.08	7,255.08	85.20	251.55	89.57	426.11	-6,911.74	5,735.24	5,442.24	293.00	19.574		
10,000.00	7,238.32	7,255.32	7,255.32	87.77	251.56	89.58	426.11	-6,911.74	5,640.48	5,346.75	293.74	19.203		
10,100.00	7,238.57	7,255.57	7,255.57	90.36	251.57	89.59	426.11	-6,911.74	5,545.91	5,251.38	294.52	18.830		
10,200.00	7,238.82	7,255.82	7,255.82	92.97	251.58	89.60	426.11	-6,911.74	5,451.53	5,156.16	295.37	18.457		
10,300.00	7,239.07	7,256.07	7,256.07	95.59	251.59	89.60	426.11	-6,911.74	5,357.35	5,061.07	296.28	18.082		
10,400.00	7,239.32	7,256.32	7,256.32	98.22	251.59	89.61	426.11	-6,911.74	5,263.39	4,966.14	297.25	17.707		
10,500.00	7,239.57	7,256.57	7,256.57	100.87	251.60	89.62	426.11	-6,911.74	5,169.65	4,871.37	298.28	17.331		
10,600.00	7,239.82	7,256.82	7,256.82	103.52	251.61	89.63	426.11	-6,911.74	5,076.16	4,776.77	299.39	16.955		
10,700.00	7,240.07	7,257.07	7,257.07	106.19	251.62	89.64	426.11	-6,911.74	4,982.92	4,682.35	300.56	16.579		
10,800.00	7,240.31	7,257.31	7,257.31	108.87	251.63	89.64	426.11	-6,911.74	4,889.94	4,588.12	301.82	16.202		
10,900.00	7,240.56	7,257.56	7,257.56	111.56	251.64	89.65	426.11	-6,911.74	4,797.24	4,494.10	303.15	15.825		
11,000.00	7,240.81	7,257.81	7,257.81	114.25	251.65	89.66	426.11	-6,911.74	4,704.85	4,400.29	304.56	15.448		
11,100.00	7,241.06	7,258.06	7,258.06	116.96	251.66	89.67	426.11	-6,911.74	4,612.77	4,306.72	306.05	15.072		
11,200.00	7,241.31	7,258.31	7,258.31	119.67	251.66	89.68	426.11	-6,911.74	4,521.03	4,213.39	307.64	14.696		
11,300.00	7,241.56	7,258.56	7,258.56	122.39	251.67	89.68	426.11	-6,911.74	4,429.65	4,120.33	309.32	14.320		
11,400.00	7,241.81	7,258.81	7,258.81	125.11	251.68	89.69	426.11	-6,911.74	4,338.65	4,027.54	311.10	13.946		
11,500.00	7,242.06	7,259.06	7,259.06	127.84	251.69	89.70	426.11	-6,911.74	4,248.05	3,935.07	312.98	13.573		
11,600.00	7,242.30	7,259.30	7,259.30	130.58	251.70	89.71	426.11	-6,911.74	4,157.88	3,842.91	314.97	13.201		
11,700.00	7,242.55	7,259.55	7,259.55	133.32	251.71	89.71	426.11	-6,911.74	4,068.17	3,751.10	317.07	12.831		
11,800.00	7,242.80	7,259.80	7,259.80	136.07	251.72	89.72	426.11	-6,911.74	3,978.95	3,659.67	319.28	12.462		
11,900.00	7,243.05	7,260.05	7,260.05	138.82	251.72	89.73	426.11	-6,911.74	3,890.26	3,568.64	321.62	12.096		
12,000.00	7,243.30	7,260.30	7,260.30	141.58	251.73	89.74	426.11	-6,911.74	3,802.13	3,478.03	324.09	11.732		
12,100.00	7,243.55	7,260.55	7,260.55	144.34	251.74	89.75	426.11	-6,911.74	3,714.60	3,387.90	326.70	11.370		
12,200.00	7,243.80	7,260.80	7,260.80	147.10	251.75	89.75	426.11	-6,911.74	3,627.71	3,298.27	329.44	11.012		
12,300.00	7,244.04	7,261.04	7,261.04	149.87	251.76	89.76	426.11	-6,911.74	3,541.52	3,209.18	332.34	10.656		
12,400.00	7,244.29	7,261.29	7,261.29	152.64	251.77	89.77	426.11	-6,911.74	3,456.07	3,120.68	335.38	10.305		
12,500.00	7,244.54	7,261.54	7,261.54	155.41	251.78	89.78	426.11	-6,911.74	3,371.42	3,032.82	338.59	9.957		
12,600.00	7,244.79	7,261.79	7,261.79	158.19	251.79	89.79	426.11	-6,911.74	3,287.63	2,945.65	341.98	9.614		
12,700.00	7,245.04	7,262.04	7,262.04	160.97	251.79	89.79	426.11	-6,911.74	3,204.77	2,859.24	345.53	9.275		
12,800.00	7,245.29	7,262.29	7,262.29	163.75	251.80	89.80	426.11	-6,911.74	3,122.92	2,773.64	349.28	8.941		
12,900.00	7,245.54	7,262.54	7,262.54	166.54	251.81	89.81	426.11	-6,911.74	3,042.15	2,688.94	353.21	8.613		
13,000.00	7,245.79	7,262.79	7,262.79	169.33	251.82	89.82	426.11	-6,911.74	2,962.55	2,605.20	357.35	8.290		
13,100.00	7,246.03	7,263.03	7,263.03	172.12	251.83	89.82	426.11	-6,911.74	2,884.23	2,522.54	361.69	7.974		
13,200.00	7,246.28	7,263.28	7,263.28	174.91	251.84	89.83	426.11	-6,911.74	2,807.28	2,441.04	366.25	7.665		
13,300.00	7,246.53	7,263.53	7,263.53	177.71	251.85	89.84	426.11	-6,911.74	2,731.83	2,360.81	371.02	7.363		
13,400.00	7,246.78	7,263.78	7,263.78	180.50	251.85	89.85	426.11	-6,911.74	2,658.00	2,281.98	376.01	7.069		
13,500.00	7,247.03	7,264.03	7,264.03	183.30	251.86	89.86	426.11	-6,911.74	2,585.92	2,204.69	381.23	6.783		
13,600.00	7,247.28	7,264.28	7,264.28	186.10	251.87	89.86	426.11	-6,911.74	2,515.76	2,129.09	386.67	6.506		
13,700.00	7,247.53	7,264.53	7,264.53	188.91	251.88	89.87	426.11	-6,911.74	2,447.67	2,055.35	392.32	6.239		
13,800.00	7,247.77	7,264.77	7,264.77	191.71	251.89	89.88	426.11	-6,911.74	2,381.84	1,983.65	398.19	5.982		
13,900.00	7,248.02	7,265.02	7,265.02	194.52	251.90	89.89	426.11	-6,911.74	2,318.45	1,914.20	404.25	5.735		
14,000.00	7,248.27	7,265.27	7,265.27	197.32	251.91	89.89	426.11	-6,911.74	2,257.71	1,847.22	410.49	5.500		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	7,265.52	7,265.52	200.13	251.92	89.90	426.11	-6,911.74	2,199.84	1,782.96	416.89	5.277		
14,200.00	7,248.77	7,265.77	7,265.77	202.94	251.92	89.91	426.11	-6,911.74	2,145.08	1,721.68	423.40	5.066		
14,300.00	7,249.02	7,266.02	7,266.02	205.76	251.93	89.92	426.11	-6,911.74	2,093.66	1,663.66	430.00	4.869		
14,400.00	7,249.27	7,266.27	7,266.27	208.57	251.94	89.93	426.11	-6,911.74	2,045.84	1,609.22	436.62	4.686		
14,500.00	7,249.52	7,266.52	7,266.52	211.38	251.95	89.93	426.11	-6,911.74	2,001.88	1,558.66	443.22	4.517		
14,600.00	7,249.76	7,266.76	7,266.76	214.20	251.96	89.94	426.11	-6,911.74	1,962.03	1,512.31	449.72	4.363		
14,700.00	7,250.01	7,267.01	7,267.01	217.02	251.97	89.95	426.11	-6,911.74	1,926.56	1,470.51	456.05	4.224		
14,800.00	7,250.26	7,267.26	7,267.26	219.84	251.98	89.96	426.11	-6,911.74	1,895.70	1,433.58	462.12	4.102		
14,900.00	7,250.51	7,267.51	7,267.51	222.65	251.99	89.97	426.11	-6,911.74	1,869.69	1,401.83	467.86	3.996		
15,000.00	7,250.76	7,267.76	7,267.76	225.48	251.99	89.97	426.11	-6,911.74	1,848.73	1,375.55	473.17	3.907		
15,100.00	7,251.01	7,268.01	7,268.01	228.30	252.00	89.98	426.11	-6,911.74	1,832.99	1,355.00	477.99	3.835		
15,200.00	7,251.26	7,268.26	7,268.26	231.12	252.01	89.99	426.11	-6,911.74	1,822.60	1,340.38	482.22	3.780		
15,300.00	7,251.50	7,268.50	7,268.50	233.94	252.02	90.00	426.11	-6,911.74	1,817.67	1,331.85	485.82	3.741		
15,339.74	7,251.60	7,268.60	7,268.60	235.06	252.02	90.00	426.11	-6,911.74	1,817.24	1,330.17	487.07	3.731 CC		
15,400.00	7,251.75	7,268.75	7,268.75	236.77	252.03	90.00	426.11	-6,911.74	1,818.24	1,329.49	488.75	3.720 ES		
15,500.00	7,252.00	7,269.00	7,269.00	239.59	252.04	90.01	426.11	-6,911.74	1,824.29	1,333.33	490.97	3.716 SF		
15,600.00	7,252.25	7,269.25	7,269.25	242.42	252.05	90.02	426.11	-6,911.74	1,835.78	1,343.30	492.48	3.728		
15,700.00	7,252.50	7,269.50	7,269.50	245.24	252.05	90.03	426.11	-6,911.74	1,852.60	1,359.32	493.29	3.756		
15,800.00	7,252.75	7,269.75	7,269.75	248.07	252.06	90.04	426.11	-6,911.74	1,874.62	1,381.19	493.43	3.799		
15,900.00	7,253.00	7,270.00	7,270.00	250.90	252.07	90.04	426.11	-6,911.74	1,901.64	1,408.69	492.95	3.858		
16,000.00	7,253.25	7,270.25	7,270.25	253.73	252.08	90.05	426.11	-6,911.74	1,933.47	1,441.56	491.91	3.931		
16,100.00	7,253.49	7,270.49	7,270.49	256.56	252.09	90.06	426.11	-6,911.74	1,969.86	1,479.50	490.36	4.017		
16,200.00	7,253.74	7,270.74	7,270.74	259.39	252.10	90.07	426.11	-6,911.74	2,010.57	1,522.20	488.37	4.117		
16,300.00	7,253.99	7,270.99	7,270.99	262.22	252.11	90.08	426.11	-6,911.74	2,055.35	1,569.33	486.01	4.229		
16,400.00	7,254.24	7,271.24	7,271.24	265.05	252.12	90.08	426.11	-6,911.74	2,103.92	1,620.57	483.35	4.353		
16,500.00	7,254.49	7,271.49	7,271.49	267.88	252.12	90.09	426.11	-6,911.74	2,156.05	1,675.60	480.45	4.488		
16,600.00	7,254.74	7,271.74	7,271.74	270.72	252.13	90.10	426.11	-6,911.74	2,211.47	1,734.12	477.35	4.633		
16,700.00	7,254.99	7,271.99	7,271.99	273.55	252.14	90.11	426.11	-6,911.74	2,269.94	1,795.82	474.13	4.788		
16,800.00	7,255.24	7,272.24	7,272.24	276.38	252.15	90.11	426.11	-6,911.74	2,331.24	1,860.44	470.81	4.952		
16,900.00	7,255.48	7,272.48	7,272.48	279.22	252.16	90.12	426.11	-6,911.74	2,395.15	1,927.72	467.44	5.124		
17,000.00	7,255.73	7,272.73	7,272.73	282.05	252.17	90.13	426.11	-6,911.74	2,461.46	1,997.42	464.04	5.304		
17,100.00	7,255.98	7,272.98	7,272.98	284.89	252.18	90.14	426.11	-6,911.74	2,529.99	2,069.34	460.65	5.492		
17,200.00	7,256.23	7,273.23	7,273.23	287.73	252.18	90.15	426.11	-6,911.74	2,600.56	2,143.26	457.29	5.687		
17,300.00	7,256.48	7,273.48	7,273.48	290.56	252.19	90.15	426.11	-6,911.74	2,673.00	2,219.03	453.98	5.888		
17,400.00	7,256.73	7,273.73	7,273.73	293.40	252.20	90.16	426.11	-6,911.74	2,747.18	2,296.46	450.72	6.095		
17,500.00	7,256.98	7,273.98	7,273.98	296.24	252.21	90.17	426.11	-6,911.74	2,822.95	2,375.42	447.53	6.308		
17,600.00	7,257.22	7,274.22	7,274.22	299.07	252.22	90.18	426.11	-6,911.74	2,900.19	2,455.76	444.42	6.526		
17,700.00	7,257.47	7,274.47	7,274.47	301.91	252.23	90.19	426.11	-6,911.74	2,978.78	2,537.38	441.40	6.749		
17,800.00	7,257.72	7,274.72	7,274.72	304.75	252.24	90.19	426.11	-6,911.74	3,058.62	2,620.17	438.46	6.976		
17,900.00	7,257.97	7,274.97	7,274.97	307.59	252.25	90.20	426.11	-6,911.74	3,139.62	2,704.01	435.61	7.207		
18,000.00	7,258.22	7,275.22	7,275.22	310.43	252.25	90.21	426.11	-6,911.74	3,221.69	2,788.84	432.85	7.443		
18,100.00	7,258.47	7,275.47	7,275.47	313.27	252.26	90.22	426.11	-6,911.74	3,304.74	2,874.56	430.18	7.682		
18,200.00	7,258.72	7,275.72	7,275.72	316.11	252.27	90.22	426.11	-6,911.74	3,388.71	2,961.11	427.61	7.925		
18,300.00	7,258.97	7,275.97	7,275.97	318.95	252.28	90.23	426.11	-6,911.74	3,473.53	3,048.41	425.12	8.171		
18,400.00	7,259.21	7,276.21	7,276.21	321.79	252.29	90.24	426.11	-6,911.74	3,559.14	3,136.42	422.72	8.420		
18,500.00	7,259.46	7,276.46	7,276.46	324.63	252.30	90.25	426.11	-6,911.74	3,645.48	3,225.08	420.40	8.671		
18,600.00	7,259.71	7,276.71	7,276.71	327.48	252.31	90.26	426.11	-6,911.74	3,732.50	3,314.33	418.17	8.926		
18,700.00	7,259.96	7,276.96	7,276.96	330.32	252.31	90.26	426.11	-6,911.74	3,820.16	3,404.14	416.01	9.183		
18,800.00	7,260.21	7,277.21	7,277.21	333.16	252.32	90.27	426.11	-6,911.74	3,908.41	3,494.47	413.94	9.442		
18,900.00	7,260.46	7,277.46	7,277.46	336.00	252.33	90.28	426.11	-6,911.74	3,997.21	3,585.27	411.94	9.703		
19,000.00	7,260.71	7,277.71	7,277.71	338.85	252.34	90.29	426.11	-6,911.74	4,086.53	3,676.52	410.01	9.967		
19,100.00	7,260.95	7,277.95	7,277.95	341.69	252.35	90.29	426.11	-6,911.74	4,176.34	3,768.18	408.15	10.232		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>	Falken 9-11 PAD - Montera #10-33(PR) - OH - OH											<b>Offset Site Error:</b>	0.00 ft
<b>Survey Program:</b>	100-2" Cone@2.448 Sigma											<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
19,118.22	7,261.00	7,278.00	7,278.00	342.21	252.35	90.30	426.11	-6,911.74	4,192.75	3,784.93	407.82	10.281	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-99.91	-1,269.63	-7,269.31	7,379.36					
100.00	100.00	104.00	104.00	3.28	3.78	-99.91	-1,269.63	-7,269.31	7,379.36	7,372.29	7.07	1,044.076		
200.00	200.00	204.00	204.00	3.34	6.30	-99.91	-1,269.63	-7,269.31	7,379.36	7,369.72	9.63	765.910		
300.00	300.00	304.00	304.00	3.44	9.45	-99.91	-1,269.63	-7,269.31	7,379.36	7,366.46	12.90	572.076		
400.00	399.98	403.98	403.98	3.60	12.79	123.69	-1,269.63	-7,269.31	7,380.32	7,363.94	16.38	450.518		
500.00	499.84	503.84	503.84	3.79	16.18	123.67	-1,269.63	-7,269.31	7,383.23	7,363.26	19.97	369.759		
600.00	599.45	603.45	603.45	4.03	19.60	123.65	-1,269.63	-7,269.31	7,388.07	7,364.45	23.62	312.795		
700.00	698.70	702.70	702.70	4.30	23.02	123.61	-1,269.63	-7,269.31	7,394.86	7,367.54	27.31	270.730		
800.00	797.47	801.47	801.47	4.60	26.44	123.57	-1,269.63	-7,269.31	7,403.59	7,372.55	31.04	238.532		
900.00	895.62	900.38	899.62	4.94	29.87	123.51	-1,269.63	-7,269.31	7,414.27	7,379.46	34.81	213.015		
1,000.00	993.06	1,002.94	997.06	5.32	33.43	123.44	-1,269.63	-7,269.31	7,426.90	7,388.16	38.74	191.723		
1,100.00	1,089.64	1,106.36	1,093.64	5.73	37.02	123.36	-1,269.63	-7,269.31	7,441.49	7,398.76	42.73	174.141		
1,131.50	1,119.87	1,123.87	1,123.87	5.87	37.63	123.33	-1,269.63	-7,269.31	7,446.49	7,403.02	43.48	171.282		
1,200.00	1,185.51	1,189.51	1,189.51	6.18	39.92	123.45	-1,269.63	-7,269.31	7,457.60	7,411.55	46.05	161.938		
1,300.00	1,281.33	1,285.33	1,285.33	6.65	43.25	123.63	-1,269.63	-7,269.31	7,473.89	7,424.05	49.83	149.982		
1,400.00	1,377.14	1,381.14	1,381.14	7.13	46.59	123.80	-1,269.63	-7,269.31	7,490.24	7,436.61	53.63	139.667		
1,500.00	1,472.96	1,476.96	1,476.96	7.63	49.92	123.98	-1,269.63	-7,269.31	7,506.67	7,449.23	57.44	130.686		
1,600.00	1,568.78	1,572.78	1,572.78	8.14	53.26	124.16	-1,269.63	-7,269.31	7,523.17	7,461.91	61.26	122.801		
1,700.00	1,664.60	1,668.60	1,668.60	8.66	56.60	124.33	-1,269.63	-7,269.31	7,539.75	7,474.65	65.09	115.827		
1,800.00	1,760.41	1,764.41	1,764.41	9.19	59.94	124.50	-1,269.63	-7,269.31	7,556.40	7,487.46	68.93	109.617		
1,900.00	1,856.23	1,860.23	1,860.23	9.73	63.28	124.68	-1,269.63	-7,269.31	7,573.11	7,500.33	72.78	104.054		
2,000.00	1,952.05	1,956.05	1,956.05	10.27	66.62	124.85	-1,269.63	-7,269.31	7,589.90	7,513.27	76.63	99.044		
2,100.00	2,047.86	2,051.86	2,051.86	10.81	69.96	125.02	-1,269.63	-7,269.31	7,606.76	7,526.28	80.49	94.508		
2,200.00	2,143.68	2,147.68	2,147.68	11.36	73.30	125.19	-1,269.63	-7,269.31	7,623.69	7,539.35	84.35	90.384		
2,300.00	2,239.50	2,243.50	2,243.50	11.92	76.65	125.36	-1,269.63	-7,269.31	7,640.69	7,552.48	88.21	86.619		
2,400.00	2,335.32	2,339.32	2,339.32	12.47	79.99	125.53	-1,269.63	-7,269.31	7,657.76	7,565.69	92.08	83.168		
2,500.00	2,431.13	2,435.13	2,435.13	13.03	83.33	125.70	-1,269.63	-7,269.31	7,674.90	7,578.96	95.94	79.994		
2,600.00	2,526.95	2,530.95	2,530.95	13.59	86.67	125.87	-1,269.63	-7,269.31	7,692.11	7,592.29	99.81	77.065		
2,700.00	2,622.77	2,626.77	2,626.77	14.15	90.01	126.04	-1,269.63	-7,269.31	7,709.38	7,605.70	103.68	74.354		
2,800.00	2,718.59	2,722.59	2,722.59	14.72	93.36	126.21	-1,269.63	-7,269.31	7,726.72	7,619.16	107.56	71.838		
2,900.00	2,814.40	2,818.40	2,818.40	15.29	96.70	126.37	-1,269.63	-7,269.31	7,744.13	7,632.70	111.43	69.497		
3,000.00	2,910.22	2,914.22	2,914.22	15.85	100.04	126.54	-1,269.63	-7,269.31	7,761.60	7,646.30	115.31	67.313		
3,100.00	3,006.04	3,010.04	3,010.04	16.42	103.39	126.70	-1,269.63	-7,269.31	7,779.14	7,659.96	119.18	65.271		
3,200.00	3,101.85	3,105.85	3,105.85	16.99	106.73	126.87	-1,269.63	-7,269.31	7,796.75	7,673.69	123.06	63.358		
3,300.00	3,197.67	3,201.67	3,201.67	17.56	110.07	127.03	-1,269.63	-7,269.31	7,814.42	7,687.49	126.94	61.562		
3,400.00	3,293.49	3,302.51	3,297.49	18.14	113.59	127.19	-1,269.63	-7,269.31	7,832.16	7,701.17	130.99	59.792		
3,500.00	3,389.31	3,406.69	3,393.31	18.71	117.23	127.36	-1,269.63	-7,269.31	7,849.96	7,714.80	135.16	58.079		
3,600.00	3,485.12	3,489.12	3,489.12	19.28	120.10	127.52	-1,269.63	-7,269.31	7,867.82	7,729.25	138.57	56.778		
3,700.00	3,580.94	3,584.94	3,584.94	19.86	123.45	127.68	-1,269.63	-7,269.31	7,885.75	7,743.30	142.45	55.358		
3,800.00	3,676.76	3,680.76	3,680.76	20.43	126.79	127.84	-1,269.63	-7,269.31	7,903.74	7,757.41	146.33	54.013		
3,900.00	3,772.58	3,776.58	3,776.58	21.01	130.14	128.00	-1,269.63	-7,269.31	7,921.80	7,771.59	150.21	52.739		
4,000.00	3,868.39	3,872.39	3,872.39	21.58	133.48	128.16	-1,269.63	-7,269.31	7,939.91	7,785.82	154.09	51.528		
4,100.00	3,964.21	3,968.21	3,968.21	22.16	136.82	128.31	-1,269.63	-7,269.31	7,958.09	7,800.12	157.97	50.378		
4,200.00	4,060.03	4,064.03	4,064.03	22.74	140.17	128.47	-1,269.63	-7,269.31	7,976.33	7,814.48	161.85	49.283		
4,300.00	4,155.85	4,159.85	4,159.85	23.32	143.51	128.63	-1,269.63	-7,269.31	7,994.62	7,828.90	165.73	48.240		
4,400.00	4,251.66	4,255.66	4,255.66	23.89	146.86	128.78	-1,269.63	-7,269.31	8,012.98	7,843.38	169.61	47.245		
4,500.00	4,347.48	4,351.48	4,351.48	24.47	150.20	128.94	-1,269.63	-7,269.31	8,031.40	7,857.92	173.49	46.294		
4,600.00	4,443.30	4,447.30	4,447.30	25.05	153.54	129.09	-1,269.63	-7,269.31	8,049.88	7,872.52	177.36	45.386		
4,700.00	4,539.11	4,543.11	4,543.11	25.63	156.89	129.25	-1,269.63	-7,269.31	8,068.42	7,887.18	181.24	44.517		
4,800.00	4,634.93	4,638.93	4,638.93	26.21	160.23	129.40	-1,269.63	-7,269.31	8,087.02	7,901.90	185.12	43.685		
4,900.00	4,730.75	4,734.75	4,734.75	26.79	163.58	129.55	-1,269.63	-7,269.31	8,105.67	7,916.67	189.00	42.887		
5,000.00	4,826.57	4,830.57	4,830.57	27.37	166.92	129.70	-1,269.63	-7,269.31	8,124.39	7,931.51	192.88	42.121		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,926.38	4,926.38	27.95	170.27	129.85	-1,269.63	-7,269.31	8,143.16	7,946.40	196.76	41.387		
5,200.00	5,018.20	5,022.20	5,022.20	28.53	173.61	130.01	-1,269.63	-7,269.31	8,161.99	7,961.35	200.64	40.680		
5,300.00	5,114.02	5,118.02	5,118.02	29.11	176.96	130.16	-1,269.63	-7,269.31	8,180.87	7,976.36	204.51	40.001		
5,400.00	5,209.84	5,213.84	5,213.84	29.69	180.30	130.30	-1,269.63	-7,269.31	8,199.81	7,991.42	208.39	39.348		
5,500.00	5,305.65	5,309.65	5,309.65	30.27	183.64	130.45	-1,269.63	-7,269.31	8,218.81	8,006.54	212.27	38.719		
5,600.00	5,401.47	5,405.47	5,405.47	30.86	186.99	130.60	-1,269.63	-7,269.31	8,237.86	8,021.72	216.15	38.112		
5,700.00	5,497.29	5,501.29	5,501.29	31.44	190.33	130.75	-1,269.63	-7,269.31	8,256.97	8,036.95	220.02	37.527		
5,800.00	5,593.10	5,602.90	5,602.90	32.02	193.88	130.89	-1,269.63	-7,269.31	8,276.13	8,052.03	224.10	36.930		
5,900.00	5,688.92	5,707.08	5,692.92	32.60	197.52	131.04	-1,269.63	-7,269.31	8,295.35	8,067.08	228.27	36.340		
6,000.00	5,784.74	5,788.74	5,788.74	33.18	200.37	131.19	-1,269.63	-7,269.31	8,314.62	8,082.97	231.65	35.892		
6,100.00	5,880.56	5,884.56	5,884.56	33.76	203.71	131.33	-1,269.63	-7,269.31	8,333.95	8,098.42	235.53	35.384		
6,200.00	5,976.37	5,980.37	5,980.37	34.35	207.06	131.47	-1,269.63	-7,269.31	8,353.33	8,113.92	239.41	34.892		
6,300.00	6,072.19	6,076.19	6,076.19	34.93	210.40	131.62	-1,269.63	-7,269.31	8,372.76	8,129.48	243.28	34.416		
6,400.00	6,168.01	6,172.01	6,172.01	35.51	213.74	131.76	-1,269.63	-7,269.31	8,392.24	8,145.09	247.16	33.955		
6,500.00	6,263.83	6,267.83	6,267.83	36.09	217.09	131.90	-1,269.63	-7,269.31	8,411.78	8,160.75	251.03	33.509		
6,600.00	6,359.64	6,363.64	6,363.64	36.68	220.43	132.04	-1,269.63	-7,269.31	8,431.37	8,176.46	254.91	33.076		
6,700.00	6,455.46	6,459.46	6,459.46	37.26	223.78	132.18	-1,269.63	-7,269.31	8,451.01	8,192.23	258.78	32.657		
6,733.48	6,487.54	6,508.46	6,491.54	37.45	225.49	132.23	-1,269.63	-7,269.31	8,457.60	8,196.93	260.67	32.446		
6,750.00	6,503.41	6,507.41	6,507.41	37.55	225.45	128.35	-1,269.63	-7,269.31	8,460.64	8,199.92	260.72	32.451		
6,800.00	6,551.83	6,555.83	6,555.83	37.82	227.14	113.47	-1,269.63	-7,269.31	8,467.27	8,204.61	262.66	32.237		
6,850.00	6,600.62	6,604.62	6,604.62	38.05	228.85	94.16	-1,269.63	-7,269.31	8,470.01	8,205.42	264.59	32.011		
6,900.00	6,649.47	6,653.47	6,653.47	38.25	230.55	73.83	-1,269.63	-7,269.31	8,468.84	8,202.34	266.51	31.777		
6,950.00	6,698.08	6,702.08	6,702.08	38.42	232.25	56.95	-1,269.63	-7,269.31	8,463.76	8,195.39	268.38	31.537		
7,000.00	6,746.15	6,750.15	6,750.15	38.57	233.93	44.83	-1,269.63	-7,269.31	8,454.82	8,184.62	270.20	31.291		
7,050.00	6,793.39	6,802.61	6,797.39	38.71	235.76	36.46	-1,269.63	-7,269.31	8,442.05	8,169.90	272.15	31.020		
7,100.00	6,839.50	6,843.50	6,843.50	38.84	237.18	30.63	-1,269.63	-7,269.31	8,425.54	8,151.87	273.67	30.787		
7,150.00	6,884.20	6,888.20	6,888.20	38.97	238.74	26.45	-1,269.63	-7,269.31	8,405.39	8,130.09	275.30	30.531		
7,200.00	6,927.21	6,931.21	6,931.21	39.11	240.25	23.38	-1,269.63	-7,269.31	8,381.73	8,104.87	276.86	30.274		
7,250.00	6,968.28	6,972.28	6,972.28	39.25	241.68	21.07	-1,269.63	-7,269.31	8,354.69	8,076.37	278.33	30.017		
7,300.00	7,007.13	7,011.13	7,011.13	39.41	243.04	19.30	-1,269.63	-7,269.31	8,324.45	8,044.75	279.71	29.762		
7,350.00	7,043.55	7,047.55	7,047.55	39.58	244.31	17.94	-1,269.63	-7,269.31	8,291.19	8,010.20	280.98	29.508		
7,400.00	7,077.29	7,081.29	7,081.29	39.77	245.48	16.90	-1,269.63	-7,269.31	8,255.11	7,972.95	282.16	29.257		
7,450.00	7,108.16	7,112.16	7,112.16	39.98	246.56	16.12	-1,269.63	-7,269.31	8,216.43	7,933.21	283.22	29.010		
7,500.00	7,135.96	7,139.96	7,139.96	40.22	247.53	15.55	-1,269.63	-7,269.31	8,175.39	7,891.22	284.18	28.769		
7,550.00	7,160.53	7,164.53	7,164.53	40.49	248.39	15.20	-1,269.63	-7,269.31	8,132.25	7,847.24	285.01	28.533		
7,600.00	7,181.70	7,185.70	7,185.70	40.79	249.13	15.06	-1,269.63	-7,269.31	8,087.26	7,801.53	285.72	28.304		
7,650.00	7,199.35	7,203.35	7,203.35	41.13	249.75	15.17	-1,269.63	-7,269.31	8,040.70	7,754.39	286.32	28.083		
7,700.00	7,213.38	7,217.38	7,217.38	41.51	250.24	15.68	-1,269.63	-7,269.31	7,992.86	7,706.08	286.78	27.871		
7,750.00	7,223.68	7,227.68	7,227.68	41.93	250.59	16.95	-1,269.63	-7,269.31	7,944.04	7,656.92	287.12	27.668		
7,800.00	7,230.21	7,234.21	7,234.21	42.38	250.82	20.59	-1,269.63	-7,269.31	7,894.53	7,607.19	287.33	27.475		
7,850.00	7,232.92	7,236.92	7,236.92	42.87	250.92	49.09	-1,269.63	-7,269.31	7,844.63	7,557.21	287.42	27.293		
7,858.69	7,233.00	7,237.00	7,237.00	42.95	250.92	80.83	-1,269.63	-7,269.31	7,835.94	7,548.52	287.42	27.263		
7,900.00	7,233.10	7,237.10	7,237.10	43.38	250.92	80.88	-1,269.63	-7,269.31	7,794.64	7,507.21	287.42	27.119		
8,000.00	7,233.35	7,237.35	7,237.35	44.56	250.93	81.00	-1,269.63	-7,269.31	7,694.65	7,407.22	287.43	26.771		
8,100.00	7,233.60	7,237.60	7,237.60	45.91	250.94	81.11	-1,269.63	-7,269.31	7,594.66	7,307.23	287.43	26.422		
8,200.00	7,233.85	7,237.85	7,237.85	47.41	250.95	81.23	-1,269.63	-7,269.31	7,494.67	7,207.23	287.44	26.074		
8,300.00	7,234.10	7,238.10	7,238.10	49.05	250.96	81.34	-1,269.63	-7,269.31	7,394.69	7,107.24	287.45	25.725		
8,400.00	7,234.35	7,238.35	7,238.35	50.81	250.97	81.46	-1,269.63	-7,269.31	7,294.70	7,007.25	287.46	25.377		
8,500.00	7,234.59	7,238.59	7,238.59	52.68	250.98	81.57	-1,269.63	-7,269.31	7,194.72	6,907.25	287.46	25.028		
8,600.00	7,234.84	7,238.84	7,238.84	54.65	250.98	81.69	-1,269.63	-7,269.31	7,094.73	6,807.26	287.47	24.679		
8,700.00	7,235.09	7,239.09	7,239.09	56.70	250.99	81.80	-1,269.63	-7,269.31	6,994.75	6,707.26	287.49	24.331		
8,800.00	7,235.34	7,239.34	7,239.34	58.82	251.00	81.92	-1,269.63	-7,269.31	6,894.76	6,607.26	287.50	23.982		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.59	7,239.59	7,239.59	61.01	251.01	82.04	-1,269.63	-7,269.31	6,794.78	6,507.27	287.51	23.633		
9,000.00	7,235.84	7,239.84	7,239.84	63.25	251.02	82.15	-1,269.63	-7,269.31	6,694.79	6,407.27	287.53	23.284		
9,100.00	7,236.09	7,240.09	7,240.09	65.55	251.03	82.27	-1,269.63	-7,269.31	6,594.81	6,307.27	287.54	22.935		
9,200.00	7,236.34	7,240.34	7,240.34	67.89	251.04	82.38	-1,269.63	-7,269.31	6,494.83	6,207.27	287.56	22.586		
9,300.00	7,236.58	7,240.58	7,240.58	70.27	251.05	82.50	-1,269.63	-7,269.31	6,394.85	6,107.27	287.57	22.237		
9,400.00	7,236.83	7,240.83	7,240.83	72.69	251.05	82.61	-1,269.63	-7,269.31	6,294.86	6,007.27	287.59	21.888		
9,500.00	7,237.08	7,241.08	7,241.08	75.14	251.06	82.73	-1,269.63	-7,269.31	6,194.88	5,907.27	287.61	21.539		
9,600.00	7,237.33	7,241.33	7,241.33	77.62	251.07	82.85	-1,269.63	-7,269.31	6,094.90	5,807.27	287.63	21.190		
9,700.00	7,237.58	7,241.58	7,241.58	80.12	251.08	82.96	-1,269.63	-7,269.31	5,994.92	5,707.27	287.65	20.841		
9,800.00	7,237.83	7,241.83	7,241.83	82.65	251.09	83.08	-1,269.63	-7,269.31	5,894.94	5,607.27	287.68	20.492		
9,900.00	7,238.08	7,242.08	7,242.08	85.20	251.10	83.20	-1,269.63	-7,269.31	5,794.97	5,507.27	287.70	20.142		
10,000.00	7,238.32	7,242.32	7,242.32	87.77	251.11	83.31	-1,269.63	-7,269.31	5,694.99	5,407.26	287.72	19.793		
10,100.00	7,238.57	7,242.57	7,242.57	90.36	251.11	83.43	-1,269.63	-7,269.31	5,595.01	5,307.26	287.75	19.444		
10,200.00	7,238.82	7,242.82	7,242.82	92.97	251.12	83.54	-1,269.63	-7,269.31	5,495.03	5,207.26	287.78	19.095		
10,300.00	7,239.07	7,243.07	7,243.07	95.59	251.13	83.66	-1,269.63	-7,269.31	5,395.06	5,107.26	287.80	18.746		
10,400.00	7,239.32	7,243.32	7,243.32	98.22	251.14	83.78	-1,269.63	-7,269.31	5,295.09	5,007.25	287.83	18.396		
10,500.00	7,239.57	7,243.57	7,243.57	100.87	251.15	83.89	-1,269.63	-7,269.31	5,195.11	4,907.25	287.86	18.047		
10,600.00	7,239.82	7,243.82	7,243.82	103.52	251.16	84.01	-1,269.63	-7,269.31	5,095.14	4,807.24	287.90	17.698		
10,700.00	7,240.07	7,244.07	7,244.07	106.19	251.17	84.13	-1,269.63	-7,269.31	4,995.17	4,707.24	287.93	17.349		
10,800.00	7,240.31	7,244.31	7,244.31	108.87	251.18	84.24	-1,269.63	-7,269.31	4,895.20	4,607.24	287.96	16.999		
10,900.00	7,240.56	7,244.56	7,244.56	111.56	251.18	84.36	-1,269.63	-7,269.31	4,795.23	4,507.23	288.00	16.650		
11,000.00	7,240.81	7,244.81	7,244.81	114.25	251.19	84.48	-1,269.63	-7,269.31	4,695.26	4,407.23	288.04	16.301		
11,100.00	7,241.06	7,245.06	7,245.06	116.96	251.20	84.60	-1,269.63	-7,269.31	4,595.30	4,307.22	288.07	15.952		
11,200.00	7,241.31	7,245.31	7,245.31	119.67	251.21	84.71	-1,269.63	-7,269.31	4,495.33	4,207.22	288.11	15.603		
11,300.00	7,241.56	7,245.56	7,245.56	122.39	251.22	84.83	-1,269.63	-7,269.31	4,395.37	4,107.22	288.16	15.253		
11,400.00	7,241.81	7,245.81	7,245.81	125.11	251.23	84.95	-1,269.63	-7,269.31	4,295.41	4,007.21	288.20	14.904		
11,500.00	7,242.06	7,246.06	7,246.06	127.84	251.24	85.06	-1,269.63	-7,269.31	4,195.45	3,907.21	288.24	14.555		
11,600.00	7,242.30	7,246.30	7,246.30	130.58	251.24	85.18	-1,269.63	-7,269.31	4,095.49	3,807.20	288.29	14.206		
11,700.00	7,242.55	7,246.55	7,246.55	133.32	251.25	85.30	-1,269.63	-7,269.31	3,995.54	3,707.20	288.34	13.857		
11,800.00	7,242.80	7,246.80	7,246.80	136.07	251.26	85.42	-1,269.63	-7,269.31	3,895.58	3,607.20	288.39	13.508		
11,900.00	7,243.05	7,247.05	7,247.05	138.82	251.27	85.53	-1,269.63	-7,269.31	3,795.63	3,507.19	288.44	13.159		
12,000.00	7,243.30	7,247.30	7,247.30	141.58	251.28	85.65	-1,269.63	-7,269.31	3,695.69	3,407.19	288.50	12.810		
12,100.00	7,243.55	7,247.55	7,247.55	144.34	251.29	85.77	-1,269.63	-7,269.31	3,595.74	3,307.19	288.56	12.461		
12,200.00	7,243.80	7,247.80	7,247.80	147.10	251.30	85.88	-1,269.63	-7,269.31	3,495.80	3,207.18	288.62	12.112		
12,300.00	7,244.04	7,248.04	7,248.04	149.87	251.31	86.00	-1,269.63	-7,269.31	3,395.86	3,107.18	288.68	11.763		
12,400.00	7,244.29	7,248.29	7,248.29	152.64	251.31	86.12	-1,269.63	-7,269.31	3,295.93	3,007.18	288.75	11.415		
12,500.00	7,244.54	7,248.54	7,248.54	155.41	251.32	86.24	-1,269.63	-7,269.31	3,196.00	2,907.18	288.82	11.066		
12,600.00	7,244.79	7,248.79	7,248.79	158.19	251.33	86.35	-1,269.63	-7,269.31	3,096.07	2,807.18	288.89	10.717		
12,700.00	7,245.04	7,249.04	7,249.04	160.97	251.34	86.47	-1,269.63	-7,269.31	2,996.15	2,707.17	288.98	10.368		
12,800.00	7,245.29	7,249.29	7,249.29	163.75	251.35	86.59	-1,269.63	-7,269.31	2,896.23	2,607.17	289.06	10.019		
12,900.00	7,245.54	7,249.54	7,249.54	166.54	251.36	86.71	-1,269.63	-7,269.31	2,796.32	2,507.17	289.15	9.671		
13,000.00	7,245.79	7,249.79	7,249.79	169.33	251.37	86.82	-1,269.63	-7,269.31	2,696.42	2,407.17	289.25	9.322		
13,100.00	7,246.03	7,250.03	7,250.03	172.12	251.38	86.94	-1,269.63	-7,269.31	2,596.53	2,307.16	289.36	8.973		
13,200.00	7,246.28	7,250.28	7,250.28	174.91	251.38	87.06	-1,269.63	-7,269.31	2,496.64	2,207.16	289.48	8.625		
13,300.00	7,246.53	7,250.53	7,250.53	177.71	251.39	87.18	-1,269.63	-7,269.31	2,396.76	2,107.15	289.61	8.276		
13,400.00	7,246.78	7,250.78	7,250.78	180.50	251.40	87.30	-1,269.63	-7,269.31	2,296.89	2,007.14	289.76	7.927		
13,500.00	7,247.03	7,251.03	7,251.03	183.30	251.41	87.41	-1,269.63	-7,269.31	2,197.04	1,907.12	289.92	7.578		
13,600.00	7,247.28	7,251.28	7,251.28	186.10	251.42	87.53	-1,269.63	-7,269.31	2,097.20	1,807.10	290.10	7.229		
13,700.00	7,247.53	7,251.53	7,251.53	188.91	251.43	87.65	-1,269.63	-7,269.31	1,997.37	1,707.07	290.30	6.880		
13,800.00	7,247.77	7,251.77	7,251.77	191.71	251.44	87.77	-1,269.63	-7,269.31	1,897.56	1,607.03	290.53	6.531		
13,900.00	7,248.02	7,252.02	7,252.02	194.52	251.44	87.88	-1,269.63	-7,269.31	1,797.78	1,506.98	290.80	6.182		
14,000.00	7,248.27	7,252.27	7,252.27	197.32	251.45	88.00	-1,269.63	-7,269.31	1,698.02	1,406.90	291.12	5.833		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	7,252.52	7,252.52	200.13	251.46	88.12	-1,269.63	-7,269.31	1,598.29	1,306.80	291.49	5.483		
14,200.00	7,248.77	7,252.77	7,252.77	202.94	251.47	88.24	-1,269.63	-7,269.31	1,498.59	1,206.66	291.93	5.133		
14,300.00	7,249.02	7,253.02	7,253.02	205.76	251.48	88.36	-1,269.63	-7,269.31	1,398.94	1,106.47	292.47	4.783		
14,400.00	7,249.27	7,253.27	7,253.27	208.57	251.49	88.47	-1,269.63	-7,269.31	1,299.34	1,006.22	293.13	4.433		
14,500.00	7,249.52	7,253.52	7,253.52	211.38	251.50	88.59	-1,269.63	-7,269.31	1,199.81	905.86	293.95	4.082		
14,600.00	7,249.76	7,253.76	7,253.76	214.20	251.51	88.71	-1,269.63	-7,269.31	1,100.37	805.37	294.99	3.730		
14,700.00	7,250.01	7,254.01	7,254.01	217.02	251.51	88.83	-1,269.63	-7,269.31	1,001.03	704.69	296.34	3.378		
14,800.00	7,250.26	7,254.26	7,254.26	219.84	251.52	88.95	-1,269.63	-7,269.31	901.84	603.72	298.13	3.025		
14,900.00	7,250.51	7,254.51	7,254.51	222.65	251.53	89.06	-1,269.63	-7,269.31	802.85	502.31	300.54	2.671		
15,000.00	7,250.76	7,254.76	7,254.76	225.48	251.54	89.18	-1,269.63	-7,269.31	704.15	400.26	303.89	2.317		
15,100.00	7,251.01	7,255.01	7,255.01	228.30	251.55	89.30	-1,269.63	-7,269.31	605.88	297.17	308.71	1.963		
15,200.00	7,251.26	7,255.26	7,255.26	231.12	251.56	89.42	-1,269.63	-7,269.31	508.27	192.37	315.90	1.609		
15,300.00	7,251.50	7,255.50	7,255.50	233.94	251.57	89.54	-1,269.63	-7,269.31	411.82	84.63	327.19	1.259 Level 3		
15,400.00	7,251.75	7,255.75	7,255.75	236.77	251.57	89.65	-1,269.63	-7,269.31	317.58	-28.49	346.07	0.918 Level 1		
15,500.00	7,252.00	7,256.00	7,256.00	239.59	251.58	89.77	-1,269.63	-7,269.31	228.27	-151.92	380.19	0.600 Level 1		
15,600.00	7,252.25	7,256.25	7,256.25	242.42	251.59	89.89	-1,269.63	-7,269.31	152.85	-289.95	442.80	0.345 Level 1		
15,693.73	7,252.48	7,256.48	7,256.48	245.07	251.60	90.00	-1,269.63	-7,269.31	120.75	-375.90	496.65	0.243 Level 1, CC, ES, SF		
15,700.00	7,252.50	7,256.50	7,256.50	245.24	251.60	90.01	-1,269.63	-7,269.31	120.91	-375.75	496.66	0.243 Level 1		
15,800.00	7,252.75	7,256.75	7,256.75	248.07	251.61	90.13	-1,269.63	-7,269.31	160.86	-280.68	441.53	0.364 Level 1		
15,900.00	7,253.00	7,257.00	7,257.00	250.90	251.62	90.24	-1,269.63	-7,269.31	239.02	-146.27	385.28	0.620 Level 1		
16,000.00	7,253.25	7,257.25	7,257.25	253.73	251.63	90.36	-1,269.63	-7,269.31	329.22	-24.99	354.20	0.929 Level 1		
16,100.00	7,253.49	7,257.49	7,257.49	256.56	251.64	90.48	-1,269.63	-7,269.31	423.84	87.36	336.47	1.260 Level 3		
16,200.00	7,253.74	7,257.74	7,257.74	259.39	251.64	90.60	-1,269.63	-7,269.31	520.47	194.95	325.52	1.599		
16,300.00	7,253.99	7,257.99	7,257.99	262.22	251.65	90.72	-1,269.63	-7,269.31	618.18	299.88	318.30	1.942		
16,400.00	7,254.24	7,258.24	7,258.24	265.05	251.66	90.83	-1,269.63	-7,269.31	716.52	403.22	313.30	2.287		
16,500.00	7,254.49	7,258.49	7,258.49	267.88	251.67	90.95	-1,269.63	-7,269.31	815.26	505.57	309.70	2.632		
16,600.00	7,254.74	7,258.74	7,258.74	270.72	251.68	91.07	-1,269.63	-7,269.31	914.28	607.26	307.02	2.978		
16,700.00	7,254.99	7,258.99	7,258.99	273.55	251.69	91.19	-1,269.63	-7,269.31	1,013.49	708.51	304.98	3.323		
16,800.00	7,255.24	7,259.24	7,259.24	276.38	251.70	91.31	-1,269.63	-7,269.31	1,112.84	809.45	303.39	3.668		
16,900.00	7,255.48	7,259.48	7,259.48	279.22	251.70	91.42	-1,269.63	-7,269.31	1,212.30	910.16	302.14	4.012		
17,000.00	7,255.73	7,259.73	7,259.73	282.05	251.71	91.54	-1,269.63	-7,269.31	1,311.84	1,010.71	301.13	4.356		
17,100.00	7,255.98	7,259.98	7,259.98	284.89	251.72	91.66	-1,269.63	-7,269.31	1,411.45	1,111.13	300.32	4.700		
17,200.00	7,256.23	7,260.23	7,260.23	287.73	251.73	91.78	-1,269.63	-7,269.31	1,511.10	1,211.45	299.65	5.043		
17,300.00	7,256.48	7,260.48	7,260.48	290.56	251.74	91.89	-1,269.63	-7,269.31	1,610.80	1,311.70	299.10	5.385		
17,400.00	7,256.73	7,260.73	7,260.73	293.40	251.75	92.01	-1,269.63	-7,269.31	1,710.54	1,411.89	298.65	5.728		
17,500.00	7,256.98	7,260.98	7,260.98	296.24	251.76	92.13	-1,269.63	-7,269.31	1,810.30	1,512.03	298.27	6.069		
17,600.00	7,257.22	7,261.22	7,261.22	299.07	251.77	92.25	-1,269.63	-7,269.31	1,910.09	1,612.14	297.95	6.411		
17,700.00	7,257.47	7,261.47	7,261.47	301.91	251.77	92.37	-1,269.63	-7,269.31	2,009.90	1,712.21	297.69	6.752		
17,800.00	7,257.72	7,261.72	7,261.72	304.75	251.78	92.48	-1,269.63	-7,269.31	2,109.73	1,812.26	297.47	7.092		
17,900.00	7,257.97	7,261.97	7,261.97	307.59	251.79	92.60	-1,269.63	-7,269.31	2,209.57	1,912.29	297.28	7.433		
18,000.00	7,258.22	7,262.22	7,262.22	310.43	251.80	92.72	-1,269.63	-7,269.31	2,309.43	2,012.30	297.13	7.772		
18,100.00	7,258.47	7,262.47	7,262.47	313.27	251.81	92.84	-1,269.63	-7,269.31	2,409.30	2,112.29	297.00	8.112		
18,200.00	7,258.72	7,262.72	7,262.72	316.11	251.82	92.95	-1,269.63	-7,269.31	2,509.17	2,212.28	296.90	8.451		
18,300.00	7,258.97	7,262.97	7,262.97	318.95	251.83	93.07	-1,269.63	-7,269.31	2,609.06	2,312.25	296.82	8.790		
18,400.00	7,259.21	7,263.21	7,263.21	321.79	251.84	93.19	-1,269.63	-7,269.31	2,708.96	2,412.21	296.75	9.129		
18,500.00	7,259.46	7,263.46	7,263.46	324.63	251.84	93.31	-1,269.63	-7,269.31	2,808.86	2,512.16	296.70	9.467		
18,600.00	7,259.71	7,263.71	7,263.71	327.48	251.85	93.43	-1,269.63	-7,269.31	2,908.77	2,612.11	296.66	9.805		
18,700.00	7,259.96	7,263.96	7,263.96	330.32	251.86	93.54	-1,269.63	-7,269.31	3,008.69	2,712.05	296.64	10.143		
18,800.00	7,260.21	7,264.21	7,264.21	333.16	251.87	93.66	-1,269.63	-7,269.31	3,108.61	2,811.99	296.63	10.480		
18,900.00	7,260.46	7,264.46	7,264.46	336.00	251.88	93.78	-1,269.63	-7,269.31	3,208.54	2,911.92	296.62	10.817		
19,000.00	7,260.71	7,264.71	7,264.71	338.85	251.89	93.90	-1,269.63	-7,269.31	3,308.47	3,011.84	296.63	11.154		
19,100.00	7,260.95	7,264.95	7,264.95	341.69	251.90	94.01	-1,269.63	-7,269.31	3,408.40	3,111.76	296.64	11.490		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> Falken 9-11 PAD - Montera #10-34(PR) - OH - OH												<b>Offset Site Error:</b>	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma												<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
19,118.22	7,261.00	7,265.00	7,265.00	342.21	251.90	94.03	-1,269.63	-7,269.31	3,426.61	3,129.97	296.64	11.551	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-86.83	308.83	-5,575.53	5,584.07					
100.00	100.00	110.00	110.00	3.28	3.89	-86.83	308.83	-5,575.53	5,584.07	5,576.90	7.18	778.111		
200.00	200.00	210.00	210.00	3.34	6.48	-86.83	308.83	-5,575.53	5,584.07	5,574.26	9.81	568.963		
300.00	300.00	310.00	310.00	3.44	9.65	-86.83	308.83	-5,575.53	5,584.07	5,570.98	13.10	426.396		
400.00	399.98	409.98	409.98	3.60	12.99	136.77	308.83	-5,575.53	5,585.35	5,568.76	16.58	336.780		
500.00	499.84	509.84	509.84	3.79	16.38	136.75	308.83	-5,575.53	5,589.16	5,568.99	20.17	277.055		
600.00	599.45	609.45	609.45	4.03	19.80	136.72	308.83	-5,575.53	5,595.52	5,571.69	23.83	234.839		
700.00	698.70	708.70	708.70	4.30	23.23	136.69	308.83	-5,575.53	5,604.42	5,576.90	27.52	203.630		
800.00	797.47	807.47	807.47	4.60	26.65	136.64	308.83	-5,575.53	5,615.86	5,584.62	31.25	179.736		
900.00	895.62	905.62	905.62	4.94	30.05	136.58	308.83	-5,575.53	5,629.85	5,594.87	34.98	160.927		
1,000.00	993.06	1,003.06	1,003.06	5.32	33.43	136.50	308.83	-5,575.53	5,646.38	5,607.65	38.73	145.787		
1,100.00	1,089.64	1,100.36	1,099.64	5.73	36.81	136.41	308.83	-5,575.53	5,665.44	5,622.94	42.50	133.295		
1,131.50	1,119.87	1,129.87	1,129.87	5.87	37.84	136.38	308.83	-5,575.53	5,671.97	5,628.31	43.66	129.912		
1,200.00	1,185.51	1,204.49	1,195.51	6.18	40.44	136.51	308.83	-5,575.53	5,686.47	5,639.93	46.54	122.188		
1,300.00	1,281.33	1,308.67	1,291.33	6.65	44.06	136.71	308.83	-5,575.53	5,707.68	5,657.09	50.59	112.818		
1,400.00	1,377.14	1,387.14	1,387.14	7.13	46.79	136.90	308.83	-5,575.53	5,728.95	5,675.19	53.77	106.554		
1,500.00	1,472.96	1,482.96	1,482.96	7.63	50.13	137.09	308.83	-5,575.53	5,750.29	5,692.74	57.56	99.906		
1,600.00	1,568.78	1,578.78	1,578.78	8.14	53.47	137.28	308.83	-5,575.53	5,771.69	5,710.34	61.36	94.065		
1,700.00	1,664.60	1,674.60	1,674.60	8.66	56.81	137.47	308.83	-5,575.53	5,793.16	5,727.99	65.17	88.894		
1,800.00	1,760.41	1,770.41	1,770.41	9.19	60.15	137.65	308.83	-5,575.53	5,814.68	5,745.70	68.99	84.287		
1,900.00	1,856.23	1,866.23	1,866.23	9.73	63.49	137.84	308.83	-5,575.53	5,836.27	5,763.46	72.81	80.156		
2,000.00	1,952.05	1,962.05	1,962.05	10.27	66.83	138.02	308.83	-5,575.53	5,857.92	5,781.28	76.64	76.434		
2,100.00	2,047.86	2,057.86	2,057.86	10.81	70.17	138.21	308.83	-5,575.53	5,879.63	5,799.15	80.47	73.063		
2,200.00	2,143.68	2,153.68	2,153.68	11.36	73.51	138.39	308.83	-5,575.53	5,901.39	5,817.08	84.31	69.996		
2,300.00	2,239.50	2,249.50	2,249.50	11.92	76.85	138.57	308.83	-5,575.53	5,923.22	5,835.07	88.15	67.194		
2,400.00	2,335.32	2,345.32	2,345.32	12.47	80.20	138.75	308.83	-5,575.53	5,945.10	5,853.10	91.99	64.626		
2,500.00	2,431.13	2,441.13	2,441.13	13.03	83.54	138.93	308.83	-5,575.53	5,967.04	5,871.20	95.84	62.262		
2,600.00	2,526.95	2,536.95	2,536.95	13.59	86.88	139.10	308.83	-5,575.53	5,989.03	5,889.35	99.68	60.080		
2,700.00	2,622.77	2,632.77	2,632.77	14.15	90.22	139.28	308.83	-5,575.53	6,011.08	5,907.55	103.53	58.060		
2,800.00	2,718.59	2,728.59	2,728.59	14.72	93.57	139.45	308.83	-5,575.53	6,033.19	5,925.81	107.38	56.184		
2,900.00	2,814.40	2,824.40	2,824.40	15.29	96.91	139.63	308.83	-5,575.53	6,055.35	5,944.12	111.23	54.439		
3,000.00	2,910.22	2,920.22	2,920.22	15.85	100.25	139.80	308.83	-5,575.53	6,077.56	5,962.48	115.08	52.810		
3,100.00	3,006.04	3,016.04	3,016.04	16.42	103.60	139.97	308.83	-5,575.53	6,099.83	5,980.90	118.94	51.286		
3,200.00	3,101.85	3,111.85	3,111.85	16.99	106.94	140.14	308.83	-5,575.53	6,122.15	5,999.36	122.79	49.859		
3,300.00	3,197.67	3,207.67	3,207.67	17.56	110.28	140.31	308.83	-5,575.53	6,144.53	6,017.88	126.64	48.518		
3,400.00	3,293.49	3,303.49	3,303.49	18.14	113.63	140.47	308.83	-5,575.53	6,166.95	6,036.45	130.50	47.257		
3,500.00	3,389.31	3,400.69	3,399.31	18.71	117.02	140.64	308.83	-5,575.53	6,189.43	6,055.02	134.40	46.052		
3,600.00	3,485.12	3,504.88	3,495.12	19.28	120.65	140.80	308.83	-5,575.53	6,211.95	6,073.40	138.55	44.836		
3,700.00	3,580.94	3,609.06	3,590.94	19.86	124.29	140.97	308.83	-5,575.53	6,234.53	6,091.83	142.69	43.691		
3,800.00	3,676.76	3,686.76	3,686.76	20.43	127.00	141.13	308.83	-5,575.53	6,257.15	6,111.24	145.92	42.881		
3,900.00	3,772.58	3,782.58	3,782.58	21.01	130.35	141.29	308.83	-5,575.53	6,279.83	6,130.05	149.77	41.929		
4,000.00	3,868.39	3,878.39	3,878.39	21.58	133.69	141.45	308.83	-5,575.53	6,302.55	6,148.92	153.63	41.024		
4,100.00	3,964.21	3,974.21	3,974.21	22.16	137.03	141.61	308.83	-5,575.53	6,325.32	6,167.84	157.49	40.164		
4,200.00	4,060.03	4,070.03	4,070.03	22.74	140.38	141.77	308.83	-5,575.53	6,348.14	6,186.80	161.34	39.346		
4,300.00	4,155.85	4,165.85	4,165.85	23.32	143.72	141.92	308.83	-5,575.53	6,371.01	6,205.81	165.20	38.566		
4,400.00	4,251.66	4,261.66	4,261.66	23.89	147.07	142.08	308.83	-5,575.53	6,393.92	6,224.86	169.05	37.822		
4,500.00	4,347.48	4,357.48	4,357.48	24.47	150.41	142.24	308.83	-5,575.53	6,416.87	6,243.97	172.91	37.111		
4,600.00	4,443.30	4,453.30	4,453.30	25.05	153.75	142.39	308.83	-5,575.53	6,439.88	6,263.11	176.76	36.432		
4,700.00	4,539.11	4,549.11	4,549.11	25.63	157.10	142.54	308.83	-5,575.53	6,462.92	6,282.30	180.62	35.782		
4,800.00	4,634.93	4,644.93	4,644.93	26.21	160.44	142.69	308.83	-5,575.53	6,486.02	6,301.54	184.48	35.159		
4,900.00	4,730.75	4,740.75	4,740.75	26.79	163.79	142.84	308.83	-5,575.53	6,509.15	6,320.82	188.33	34.562		
5,000.00	4,826.57	4,836.57	4,836.57	27.37	167.13	142.99	308.83	-5,575.53	6,532.33	6,340.14	192.19	33.989		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,932.38	4,932.38	27.95	170.48	143.14	308.83	-5,575.53	6,555.55	6,359.51	196.04	33.440		
5,200.00	5,018.20	5,028.20	5,028.20	28.53	173.82	143.29	308.83	-5,575.53	6,578.82	6,378.92	199.90	32.911		
5,300.00	5,114.02	5,124.02	5,124.02	29.11	177.16	143.43	308.83	-5,575.53	6,602.12	6,398.37	203.75	32.403		
5,400.00	5,209.84	5,219.84	5,219.84	29.69	180.51	143.58	308.83	-5,575.53	6,625.47	6,417.87	207.61	31.914		
5,500.00	5,305.65	5,315.65	5,315.65	30.27	183.85	143.72	308.83	-5,575.53	6,648.86	6,437.40	211.46	31.442		
5,600.00	5,401.47	5,411.47	5,411.47	30.86	187.20	143.87	308.83	-5,575.53	6,672.29	6,456.98	215.32	30.988		
5,700.00	5,497.29	5,507.29	5,507.29	31.44	190.54	144.01	308.83	-5,575.53	6,695.76	6,476.59	219.17	30.551		
5,800.00	5,593.10	5,603.10	5,603.10	32.02	193.89	144.15	308.83	-5,575.53	6,719.27	6,496.25	223.02	30.128		
5,900.00	5,688.92	5,701.08	5,698.92	32.60	197.31	144.29	308.83	-5,575.53	6,742.82	6,515.87	226.95	29.710		
6,000.00	5,784.74	5,805.26	5,794.74	33.18	200.94	144.43	308.83	-5,575.53	6,766.41	6,535.31	231.10	29.279		
6,100.00	5,880.56	5,909.44	5,890.56	33.76	204.58	144.57	308.83	-5,575.53	6,790.04	6,554.80	235.24	28.864		
6,200.00	5,976.37	5,986.37	5,986.37	34.35	207.27	144.71	308.83	-5,575.53	6,813.71	6,575.27	238.44	28.576		
6,300.00	6,072.19	6,082.19	6,082.19	34.93	210.61	144.84	308.83	-5,575.53	6,837.41	6,595.12	242.29	28.220		
6,400.00	6,168.01	6,178.01	6,178.01	35.51	213.95	144.98	308.83	-5,575.53	6,861.15	6,615.01	246.14	27.875		
6,500.00	6,263.83	6,273.83	6,273.83	36.09	217.30	145.11	308.83	-5,575.53	6,884.93	6,634.93	250.00	27.540		
6,600.00	6,359.64	6,369.64	6,369.64	36.68	220.64	145.25	308.83	-5,575.53	6,908.75	6,654.90	253.85	27.216		
6,700.00	6,455.46	6,465.46	6,465.46	37.26	223.99	145.38	308.83	-5,575.53	6,932.60	6,674.90	257.70	26.902		
6,733.48	6,487.54	6,502.46	6,497.54	37.45	225.28	145.43	308.83	-5,575.53	6,940.59	6,681.43	259.16	26.781		
6,750.00	6,503.41	6,513.41	6,513.41	37.55	225.66	141.47	308.83	-5,575.53	6,944.33	6,684.71	259.63	26.747		
6,800.00	6,551.83	6,561.83	6,561.83	37.82	227.35	126.41	308.83	-5,575.53	6,953.17	6,691.61	261.56	26.583		
6,850.00	6,600.62	6,610.62	6,610.62	38.05	229.06	107.00	308.83	-5,575.53	6,958.23	6,694.74	263.49	26.408		
6,900.00	6,649.47	6,659.47	6,659.47	38.25	230.76	86.66	308.83	-5,575.53	6,959.48	6,694.08	265.41	26.222		
6,950.00	6,698.08	6,708.08	6,708.08	38.42	232.46	69.86	308.83	-5,575.53	6,956.92	6,689.64	267.28	26.029		
7,000.00	6,746.15	6,756.15	6,756.15	38.57	234.14	57.89	308.83	-5,575.53	6,950.57	6,681.47	269.11	25.828		
7,050.00	6,793.39	6,803.39	6,803.39	38.71	235.78	49.77	308.83	-5,575.53	6,940.48	6,669.60	270.88	25.622		
7,100.00	6,839.50	6,849.50	6,849.50	38.84	237.39	44.28	308.83	-5,575.53	6,926.70	6,654.12	272.58	25.412		
7,150.00	6,884.20	6,905.80	6,894.20	38.97	239.36	40.55	308.83	-5,575.53	6,909.33	6,634.71	274.61	25.160		
7,200.00	6,927.21	6,937.21	6,937.21	39.11	240.46	38.04	308.83	-5,575.53	6,888.47	6,612.72	275.76	24.980		
7,250.00	6,968.28	6,978.28	6,978.28	39.25	241.89	36.43	308.83	-5,575.53	6,864.27	6,587.05	277.22	24.761		
7,300.00	7,007.13	7,017.13	7,017.13	39.41	243.25	35.54	308.83	-5,575.53	6,836.87	6,558.28	278.58	24.542		
7,350.00	7,043.55	7,053.55	7,053.55	39.58	244.52	35.25	308.83	-5,575.53	6,806.43	6,526.59	279.85	24.322		
7,400.00	7,077.29	7,087.29	7,087.29	39.77	245.69	35.52	308.83	-5,575.53	6,773.17	6,492.15	281.01	24.103		
7,450.00	7,108.16	7,118.16	7,118.16	39.98	246.77	36.36	308.83	-5,575.53	6,737.26	6,455.20	282.06	23.886		
7,500.00	7,135.96	7,145.96	7,145.96	40.22	247.74	37.82	308.83	-5,575.53	6,698.95	6,415.95	283.00	23.671		
7,550.00	7,160.53	7,170.53	7,170.53	40.49	248.60	40.02	308.83	-5,575.53	6,658.46	6,374.64	283.83	23.460		
7,600.00	7,181.70	7,208.30	7,191.70	40.79	249.92	43.13	308.83	-5,575.53	6,616.05	6,330.94	285.11	23.205		
7,650.00	7,199.35	7,209.35	7,209.35	41.13	249.95	47.45	308.83	-5,575.53	6,571.97	6,286.85	285.12	23.049		
7,700.00	7,213.38	7,223.38	7,223.38	41.51	250.44	53.41	308.83	-5,575.53	6,526.50	6,240.91	285.59	22.852		
7,750.00	7,223.68	7,233.68	7,233.68	41.93	250.80	61.58	308.83	-5,575.53	6,479.91	6,193.97	285.94	22.661		
7,800.00	7,230.21	7,240.21	7,240.21	42.38	251.03	72.62	308.83	-5,575.53	6,432.49	6,146.31	286.17	22.478		
7,850.00	7,232.92	7,242.92	7,242.92	42.87	251.13	86.76	308.83	-5,575.53	6,384.52	6,098.24	286.28	22.301		
7,858.69	7,233.00	7,243.00	7,243.00	42.95	251.13	89.49	308.83	-5,575.53	6,376.14	6,089.86	286.29	22.272		
7,900.00	7,233.10	7,243.10	7,243.10	43.38	251.13	89.49	308.83	-5,575.53	6,336.35	6,050.03	286.31	22.131		
8,000.00	7,233.35	7,243.35	7,243.35	44.56	251.14	89.50	308.83	-5,575.53	6,240.08	5,953.70	286.39	21.789		
8,100.00	7,233.60	7,243.60	7,243.60	45.91	251.15	89.51	308.83	-5,575.53	6,143.94	5,857.45	286.49	21.446		
8,200.00	7,233.85	7,243.85	7,243.85	47.41	251.16	89.51	308.83	-5,575.53	6,047.92	5,761.30	286.62	21.101		
8,300.00	7,234.10	7,244.10	7,244.10	49.05	251.17	89.52	308.83	-5,575.53	5,952.03	5,665.26	286.77	20.755		
8,400.00	7,234.35	7,244.35	7,244.35	50.81	251.18	89.53	308.83	-5,575.53	5,856.28	5,569.32	286.96	20.408		
8,500.00	7,234.59	7,244.59	7,244.59	52.68	251.19	89.54	308.83	-5,575.53	5,760.68	5,473.49	287.19	20.059		
8,600.00	7,234.84	7,244.84	7,244.84	54.65	251.19	89.55	308.83	-5,575.53	5,665.22	5,377.78	287.44	19.709		
8,700.00	7,235.09	7,245.09	7,245.09	56.70	251.20	89.56	308.83	-5,575.53	5,569.93	5,282.19	287.74	19.357		
8,800.00	7,235.34	7,245.34	7,245.34	58.82	251.21	89.56	308.83	-5,575.53	5,474.80	5,186.72	288.08	19.004		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.59	7,245.59	7,245.59	61.01	251.22	89.57	308.83	-5,575.53	5,379.85	5,091.38	288.47	18.650		
9,000.00	7,235.84	7,245.84	7,245.84	63.25	251.23	89.58	308.83	-5,575.53	5,285.09	4,996.19	288.90	18.294		
9,100.00	7,236.09	7,246.09	7,246.09	65.55	251.24	89.59	308.83	-5,575.53	5,190.52	4,901.14	289.38	17.937		
9,200.00	7,236.34	7,246.34	7,246.34	67.89	251.25	89.60	308.83	-5,575.53	5,096.16	4,806.24	289.92	17.578		
9,300.00	7,236.58	7,246.58	7,246.58	70.27	251.25	89.61	308.83	-5,575.53	5,002.02	4,711.51	290.51	17.218		
9,400.00	7,236.83	7,246.83	7,246.83	72.69	251.26	89.61	308.83	-5,575.53	4,908.11	4,616.94	291.17	16.857		
9,500.00	7,237.08	7,247.08	7,247.08	75.14	251.27	89.62	308.83	-5,575.53	4,814.45	4,522.56	291.89	16.494		
9,600.00	7,237.33	7,247.33	7,247.33	77.62	251.28	89.63	308.83	-5,575.53	4,721.04	4,428.37	292.68	16.131		
9,700.00	7,237.58	7,247.58	7,247.58	80.12	251.29	89.64	308.83	-5,575.53	4,627.92	4,334.38	293.54	15.766		
9,800.00	7,237.83	7,247.83	7,247.83	82.65	251.30	89.65	308.83	-5,575.53	4,535.08	4,240.61	294.47	15.401		
9,900.00	7,238.08	7,248.08	7,248.08	85.20	251.31	89.66	308.83	-5,575.53	4,442.56	4,147.07	295.49	15.035		
10,000.00	7,238.32	7,248.32	7,248.32	87.77	251.32	89.67	308.83	-5,575.53	4,350.36	4,053.78	296.59	14.668		
10,100.00	7,238.57	7,248.57	7,248.57	90.36	251.32	89.67	308.83	-5,575.53	4,258.52	3,960.75	297.78	14.301		
10,200.00	7,238.82	7,248.82	7,248.82	92.97	251.33	89.68	308.83	-5,575.53	4,167.06	3,868.00	299.06	13.934		
10,300.00	7,239.07	7,249.07	7,249.07	95.59	251.34	89.69	308.83	-5,575.53	4,075.99	3,775.55	300.44	13.567		
10,400.00	7,239.32	7,249.32	7,249.32	98.22	251.35	89.70	308.83	-5,575.53	3,985.35	3,683.43	301.92	13.200		
10,500.00	7,239.57	7,249.57	7,249.57	100.87	251.36	89.71	308.83	-5,575.53	3,895.18	3,591.66	303.52	12.834		
10,600.00	7,239.82	7,249.82	7,249.82	103.52	251.37	89.72	308.83	-5,575.53	3,805.49	3,500.27	305.22	12.468		
10,700.00	7,240.07	7,250.07	7,250.07	106.19	251.38	89.72	308.83	-5,575.53	3,716.33	3,409.28	307.05	12.103		
10,800.00	7,240.31	7,250.31	7,250.31	108.87	251.38	89.73	308.83	-5,575.53	3,627.73	3,318.73	309.00	11.740		
10,900.00	7,240.56	7,250.56	7,250.56	111.56	251.39	89.74	308.83	-5,575.53	3,539.74	3,228.66	311.09	11.379		
11,000.00	7,240.81	7,250.81	7,250.81	114.25	251.40	89.75	308.83	-5,575.53	3,452.41	3,139.10	313.31	11.019		
11,100.00	7,241.06	7,251.06	7,251.06	116.96	251.41	89.76	308.83	-5,575.53	3,365.78	3,050.10	315.69	10.662		
11,200.00	7,241.31	7,251.31	7,251.31	119.67	251.42	89.77	308.83	-5,575.53	3,279.91	2,961.70	318.21	10.307		
11,300.00	7,241.56	7,251.56	7,251.56	122.39	251.43	89.77	308.83	-5,575.53	3,194.87	2,873.97	320.90	9.956		
11,400.00	7,241.81	7,251.81	7,251.81	125.11	251.44	89.78	308.83	-5,575.53	3,110.71	2,786.96	323.75	9.608		
11,500.00	7,242.06	7,252.06	7,252.06	127.84	251.45	89.79	308.83	-5,575.53	3,027.52	2,700.74	326.78	9.265		
11,600.00	7,242.30	7,252.30	7,252.30	130.58	251.45	89.80	308.83	-5,575.53	2,945.37	2,615.37	330.00	8.925		
11,700.00	7,242.55	7,252.55	7,252.55	133.32	251.46	89.81	308.83	-5,575.53	2,864.36	2,530.95	333.41	8.591		
11,800.00	7,242.80	7,252.80	7,252.80	136.07	251.47	89.82	308.83	-5,575.53	2,784.59	2,447.56	337.02	8.262		
11,900.00	7,243.05	7,253.05	7,253.05	138.82	251.48	89.82	308.83	-5,575.53	2,706.15	2,365.31	340.84	7.940		
12,000.00	7,243.30	7,253.30	7,253.30	141.58	251.49	89.83	308.83	-5,575.53	2,629.18	2,284.31	344.88	7.624		
12,100.00	7,243.55	7,253.55	7,253.55	144.34	251.50	89.84	308.83	-5,575.53	2,553.81	2,204.68	349.13	7.315		
12,200.00	7,243.80	7,253.80	7,253.80	147.10	251.51	89.85	308.83	-5,575.53	2,480.18	2,126.57	353.62	7.014		
12,300.00	7,244.04	7,254.04	7,254.04	149.87	251.52	89.86	308.83	-5,575.53	2,408.45	2,050.13	358.33	6.721		
12,400.00	7,244.29	7,254.29	7,254.29	152.64	251.52	89.87	308.83	-5,575.53	2,338.80	1,975.54	363.26	6.438		
12,500.00	7,244.54	7,254.54	7,254.54	155.41	251.53	89.87	308.83	-5,575.53	2,271.42	1,903.00	368.42	6.165		
12,600.00	7,244.79	7,254.79	7,254.79	158.19	251.54	89.88	308.83	-5,575.53	2,206.51	1,832.72	373.79	5.903		
12,700.00	7,245.04	7,255.04	7,255.04	160.97	251.55	89.89	308.83	-5,575.53	2,144.30	1,764.94	379.36	5.652		
12,800.00	7,245.29	7,255.29	7,255.29	163.75	251.56	89.90	308.83	-5,575.53	2,085.04	1,699.92	385.11	5.414		
12,900.00	7,245.54	7,255.54	7,255.54	166.54	251.57	89.91	308.83	-5,575.53	2,028.97	1,637.96	391.01	5.189		
13,000.00	7,245.79	7,255.79	7,255.79	169.33	251.58	89.92	308.83	-5,575.53	1,976.38	1,579.35	397.03	4.978		
13,100.00	7,246.03	7,256.03	7,256.03	172.12	251.58	89.92	308.83	-5,575.53	1,927.54	1,524.43	403.11	4.782		
13,200.00	7,246.28	7,256.28	7,256.28	174.91	251.59	89.93	308.83	-5,575.53	1,882.75	1,473.56	409.20	4.601		
13,300.00	7,246.53	7,256.53	7,256.53	177.71	251.60	89.94	308.83	-5,575.53	1,842.31	1,427.08	415.23	4.437		
13,400.00	7,246.78	7,256.78	7,256.78	180.50	251.61	89.95	308.83	-5,575.53	1,806.50	1,385.38	421.12	4.290		
13,500.00	7,247.03	7,257.03	7,257.03	183.30	251.62	89.96	308.83	-5,575.53	1,775.61	1,348.81	426.80	4.160		
13,600.00	7,247.28	7,257.28	7,257.28	186.10	251.63	89.97	308.83	-5,575.53	1,749.90	1,317.72	432.17	4.049		
13,700.00	7,247.53	7,257.53	7,257.53	188.91	251.64	89.97	308.83	-5,575.53	1,729.59	1,292.44	437.15	3.956		
13,800.00	7,247.77	7,257.77	7,257.77	191.71	251.65	89.98	308.83	-5,575.53	1,714.88	1,273.23	441.66	3.883		
13,900.00	7,248.02	7,258.02	7,258.02	194.52	251.65	89.99	308.83	-5,575.53	1,705.92	1,260.31	445.61	3.828		
14,000.00	7,248.27	7,258.27	7,258.27	197.32	251.66	90.00	308.83	-5,575.53	1,702.80	1,253.84	448.95	3.793		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,003.28	7,248.28	7,258.28	7,258.28	197.42	251.66	90.00	308.83	-5,575.53	1,702.79	1,253.74	449.05	3.792 CC, ES		
14,100.00	7,248.52	7,258.52	7,258.52	200.13	251.67	90.01	308.83	-5,575.53	1,705.54	1,253.89	451.65	3.776 SF		
14,200.00	7,248.77	7,258.77	7,258.77	202.94	251.68	90.02	308.83	-5,575.53	1,714.12	1,260.46	453.66	3.778		
14,300.00	7,249.02	7,259.02	7,259.02	205.76	251.69	90.02	308.83	-5,575.53	1,728.45	1,273.45	455.00	3.799		
14,400.00	7,249.27	7,259.27	7,259.27	208.57	251.70	90.03	308.83	-5,575.53	1,748.40	1,292.71	455.69	3.837		
14,500.00	7,249.52	7,259.52	7,259.52	211.38	251.71	90.04	308.83	-5,575.53	1,773.76	1,318.01	455.75	3.892		
14,600.00	7,249.76	7,259.76	7,259.76	214.20	251.71	90.05	308.83	-5,575.53	1,804.32	1,349.07	455.25	3.963		
14,700.00	7,250.01	7,260.01	7,260.01	217.02	251.72	90.06	308.83	-5,575.53	1,839.81	1,385.58	454.23	4.050		
14,800.00	7,250.26	7,260.26	7,260.26	219.84	251.73	90.07	308.83	-5,575.53	1,879.96	1,427.18	452.78	4.152		
14,900.00	7,250.51	7,260.51	7,260.51	222.65	251.74	90.08	308.83	-5,575.53	1,924.48	1,473.52	450.95	4.268		
15,000.00	7,250.76	7,260.76	7,260.76	225.48	251.75	90.08	308.83	-5,575.53	1,973.06	1,524.24	448.81	4.396		
15,100.00	7,251.01	7,261.01	7,261.01	228.30	251.76	90.09	308.83	-5,575.53	2,025.41	1,578.98	446.43	4.537		
15,200.00	7,251.26	7,261.26	7,261.26	231.12	251.77	90.10	308.83	-5,575.53	2,081.26	1,637.39	443.86	4.689		
15,300.00	7,251.50	7,261.50	7,261.50	233.94	251.78	90.11	308.83	-5,575.53	2,140.32	1,699.16	441.16	4.852		
15,400.00	7,251.75	7,261.75	7,261.75	236.77	251.78	90.12	308.83	-5,575.53	2,202.34	1,763.98	438.36	5.024		
15,500.00	7,252.00	7,262.00	7,262.00	239.59	251.79	90.13	308.83	-5,575.53	2,267.08	1,831.57	435.51	5.206		
15,600.00	7,252.25	7,262.25	7,262.25	242.42	251.80	90.13	308.83	-5,575.53	2,334.31	1,901.68	432.63	5.396		
15,700.00	7,252.50	7,262.50	7,262.50	245.24	251.81	90.14	308.83	-5,575.53	2,403.82	1,974.06	429.76	5.593		
15,800.00	7,252.75	7,262.75	7,262.75	248.07	251.82	90.15	308.83	-5,575.53	2,475.42	2,048.50	426.92	5.798		
15,900.00	7,253.00	7,263.00	7,263.00	250.90	251.83	90.16	308.83	-5,575.53	2,548.93	2,124.82	424.11	6.010		
16,000.00	7,253.25	7,263.25	7,263.25	253.73	251.84	90.17	308.83	-5,575.53	2,624.19	2,202.83	421.36	6.228		
16,100.00	7,253.49	7,263.49	7,263.49	256.56	251.84	90.18	308.83	-5,575.53	2,701.06	2,282.38	418.67	6.451		
16,200.00	7,253.74	7,263.74	7,263.74	259.39	251.85	90.18	308.83	-5,575.53	2,779.40	2,363.34	416.06	6.680		
16,300.00	7,253.99	7,263.99	7,263.99	262.22	251.86	90.19	308.83	-5,575.53	2,859.09	2,445.57	413.52	6.914		
16,400.00	7,254.24	7,264.24	7,264.24	265.05	251.87	90.20	308.83	-5,575.53	2,940.02	2,528.97	411.06	7.152		
16,500.00	7,254.49	7,264.49	7,264.49	267.88	251.88	90.21	308.83	-5,575.53	3,022.10	2,613.42	408.68	7.395		
16,600.00	7,254.74	7,264.74	7,264.74	270.72	251.89	90.22	308.83	-5,575.53	3,105.22	2,698.85	406.38	7.641		
16,700.00	7,254.99	7,264.99	7,264.99	273.55	251.90	90.23	308.83	-5,575.53	3,189.32	2,785.16	404.16	7.891		
16,800.00	7,255.24	7,265.24	7,265.24	276.38	251.91	90.23	308.83	-5,575.53	3,274.31	2,872.29	402.02	8.145		
16,900.00	7,255.48	7,265.48	7,265.48	279.22	251.91	90.24	308.83	-5,575.53	3,360.12	2,960.16	399.96	8.401		
17,000.00	7,255.73	7,265.73	7,265.73	282.05	251.92	90.25	308.83	-5,575.53	3,446.71	3,048.72	397.98	8.660		
17,100.00	7,255.98	7,265.98	7,265.98	284.89	251.93	90.26	308.83	-5,575.53	3,533.99	3,137.92	396.07	8.923		
17,200.00	7,256.23	7,266.23	7,266.23	287.73	251.94	90.27	308.83	-5,575.53	3,621.94	3,227.70	394.24	9.187		
17,300.00	7,256.48	7,266.48	7,266.48	290.56	251.95	90.28	308.83	-5,575.53	3,710.50	3,318.02	392.47	9.454		
17,400.00	7,256.73	7,266.73	7,266.73	293.40	251.96	90.28	308.83	-5,575.53	3,799.62	3,408.85	390.78	9.723		
17,500.00	7,256.98	7,266.98	7,266.98	296.24	251.97	90.29	308.83	-5,575.53	3,889.28	3,500.13	389.14	9.994		
17,600.00	7,257.22	7,267.22	7,267.22	299.07	251.98	90.30	308.83	-5,575.53	3,979.42	3,591.85	387.57	10.268		
17,700.00	7,257.47	7,267.47	7,267.47	301.91	251.98	90.31	308.83	-5,575.53	4,070.03	3,683.97	386.06	10.542		
17,800.00	7,257.72	7,267.72	7,267.72	304.75	251.99	90.32	308.83	-5,575.53	4,161.07	3,776.46	384.61	10.819		
17,900.00	7,257.97	7,267.97	7,267.97	307.59	252.00	90.33	308.83	-5,575.53	4,252.51	3,869.30	383.21	11.097		
18,000.00	7,258.22	7,268.22	7,268.22	310.43	252.01	90.33	308.83	-5,575.53	4,344.33	3,962.46	381.87	11.377		
18,100.00	7,258.47	7,268.47	7,268.47	313.27	252.02	90.34	308.83	-5,575.53	4,436.50	4,055.93	380.57	11.658		
18,200.00	7,258.72	7,268.72	7,268.72	316.11	252.03	90.35	308.83	-5,575.53	4,529.00	4,149.68	379.32	11.940		
18,300.00	7,258.97	7,268.97	7,268.97	318.95	252.04	90.36	308.83	-5,575.53	4,621.82	4,243.70	378.12	12.223		
18,400.00	7,259.21	7,269.21	7,269.21	321.79	252.04	90.37	308.83	-5,575.53	4,714.93	4,337.96	376.96	12.508		
18,500.00	7,259.46	7,269.46	7,269.46	324.63	252.05	90.38	308.83	-5,575.53	4,808.31	4,432.46	375.85	12.793		
18,600.00	7,259.71	7,269.71	7,269.71	327.48	252.06	90.38	308.83	-5,575.53	4,901.96	4,527.19	374.77	13.080		
18,700.00	7,259.96	7,269.96	7,269.96	330.32	252.07	90.39	308.83	-5,575.53	4,995.85	4,622.12	373.74	13.367		
18,800.00	7,260.21	7,270.21	7,270.21	333.16	252.08	90.40	308.83	-5,575.53	5,089.98	4,717.24	372.74	13.656		
18,900.00	7,260.46	7,270.46	7,270.46	336.00	252.09	90.41	308.83	-5,575.53	5,184.32	4,812.55	371.77	13.945		
19,000.00	7,260.71	7,270.71	7,270.71	338.85	252.10	90.42	308.83	-5,575.53	5,278.88	4,908.04	370.84	14.235		
19,100.00	7,260.95	7,270.95	7,270.95	341.69	252.11	90.43	308.83	-5,575.53	5,373.63	5,003.69	369.94	14.526		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>	Falken 9-11 PAD - Montera #10-43(SI) - OH - OH											<b>Offset Site Error:</b>	0.00 ft
<b>Survey Program:</b>	100-2" Cone@2.448 Sigma											<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,118.22	7,261.00	7,271.00	7,271.00	342.21	252.11	90.43	308.83	-5,575.53	5,390.91	5,021.13	369.78	14.579	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-87.63	133.91	-3,230.93	3,233.70					
100.00	100.00	116.00	116.00	3.28	4.01	-87.63	133.91	-3,230.93	3,233.70	3,226.41	7.29	443.394		
200.00	200.00	216.00	216.00	3.34	6.66	-87.63	133.91	-3,230.93	3,233.70	3,223.71	10.00	323.502		
300.00	300.00	316.00	316.00	3.44	9.85	-87.63	133.91	-3,230.93	3,233.70	3,220.41	13.29	243.260		
400.00	399.98	415.98	415.98	3.60	13.19	135.98	133.91	-3,230.93	3,234.96	3,218.17	16.79	192.703		
500.00	499.84	515.84	515.84	3.79	16.59	135.99	133.91	-3,230.93	3,238.73	3,218.35	20.38	158.927		
600.00	599.45	615.45	615.45	4.03	20.01	136.01	133.91	-3,230.93	3,245.01	3,220.97	24.03	135.020		
700.00	698.70	714.70	714.70	4.30	23.44	136.03	133.91	-3,230.93	3,253.81	3,226.08	27.73	117.339		
800.00	797.47	813.47	813.47	4.60	26.85	136.07	133.91	-3,230.93	3,265.14	3,233.69	31.45	103.810		
900.00	895.62	911.62	911.62	4.94	30.26	136.10	133.91	-3,230.93	3,279.01	3,243.81	35.19	93.174		
1,000.00	993.06	1,009.06	1,009.06	5.32	33.64	136.14	133.91	-3,230.93	3,295.42	3,256.48	38.94	84.630		
1,100.00	1,089.64	1,105.64	1,105.64	5.73	37.00	136.18	133.91	-3,230.93	3,314.40	3,271.71	42.69	77.644		
1,131.50	1,119.87	1,135.87	1,135.87	5.87	38.05	136.19	133.91	-3,230.93	3,320.91	3,277.04	43.87	75.700		
1,200.00	1,185.51	1,201.51	1,201.51	6.18	40.33	136.42	133.91	-3,230.93	3,335.37	3,288.93	46.44	71.828		
1,300.00	1,281.33	1,302.67	1,297.33	6.65	43.85	136.75	133.91	-3,230.93	3,356.57	3,306.18	50.38	66.621		
1,400.00	1,377.14	1,406.86	1,393.14	7.13	47.48	137.07	133.91	-3,230.93	3,377.88	3,323.43	54.45	62.035		
1,500.00	1,472.96	1,488.96	1,488.96	7.63	50.34	137.40	133.91	-3,230.93	3,399.30	3,341.53	57.76	58.849		
1,600.00	1,568.78	1,584.78	1,584.78	8.14	53.68	137.71	133.91	-3,230.93	3,420.82	3,359.26	61.56	55.566		
1,700.00	1,664.60	1,680.60	1,680.60	8.66	57.02	138.03	133.91	-3,230.93	3,442.45	3,377.08	65.37	52.659		
1,800.00	1,760.41	1,776.41	1,776.41	9.19	60.36	138.34	133.91	-3,230.93	3,464.18	3,394.99	69.19	50.069		
1,900.00	1,856.23	1,872.23	1,872.23	9.73	63.70	138.65	133.91	-3,230.93	3,486.01	3,413.00	73.01	47.748		
2,000.00	1,952.05	1,968.05	1,968.05	10.27	67.04	138.95	133.91	-3,230.93	3,507.93	3,431.10	76.83	45.655		
2,100.00	2,047.86	2,063.86	2,063.86	10.81	70.38	139.25	133.91	-3,230.93	3,529.95	3,449.29	80.66	43.761		
2,200.00	2,143.68	2,159.68	2,159.68	11.36	73.72	139.55	133.91	-3,230.93	3,552.07	3,467.57	84.50	42.038		
2,300.00	2,239.50	2,255.50	2,255.50	11.92	77.06	139.84	133.91	-3,230.93	3,574.28	3,485.95	88.33	40.464		
2,400.00	2,335.32	2,351.32	2,351.32	12.47	80.41	140.13	133.91	-3,230.93	3,596.58	3,504.41	92.17	39.021		
2,500.00	2,431.13	2,447.13	2,447.13	13.03	83.75	140.41	133.91	-3,230.93	3,618.97	3,522.95	96.01	37.693		
2,600.00	2,526.95	2,542.95	2,542.95	13.59	87.09	140.70	133.91	-3,230.93	3,641.44	3,541.59	99.85	36.468		
2,700.00	2,622.77	2,638.77	2,638.77	14.15	90.43	140.97	133.91	-3,230.93	3,664.00	3,560.31	103.69	35.335		
2,800.00	2,718.59	2,734.59	2,734.59	14.72	93.78	141.25	133.91	-3,230.93	3,686.65	3,579.11	107.54	34.282		
2,900.00	2,814.40	2,830.40	2,830.40	15.29	97.12	141.52	133.91	-3,230.93	3,709.37	3,597.99	111.38	33.303		
3,000.00	2,910.22	2,926.22	2,926.22	15.85	100.46	141.79	133.91	-3,230.93	3,732.18	3,616.95	115.23	32.390		
3,100.00	3,006.04	3,022.04	3,022.04	16.42	103.81	142.06	133.91	-3,230.93	3,755.07	3,636.00	119.07	31.536		
3,200.00	3,101.85	3,117.85	3,117.85	16.99	107.15	142.32	133.91	-3,230.93	3,778.04	3,655.12	122.92	30.736		
3,300.00	3,197.67	3,213.67	3,213.67	17.56	110.49	142.58	133.91	-3,230.93	3,801.08	3,674.31	126.77	29.985		
3,400.00	3,293.49	3,309.49	3,309.49	18.14	113.84	142.84	133.91	-3,230.93	3,824.20	3,693.58	130.61	29.279		
3,500.00	3,389.31	3,405.31	3,405.31	18.71	117.18	143.09	133.91	-3,230.93	3,847.39	3,712.93	134.46	28.614		
3,600.00	3,485.12	3,501.12	3,501.12	19.28	120.52	143.34	133.91	-3,230.93	3,870.65	3,732.35	138.31	27.986		
3,700.00	3,580.94	3,603.06	3,596.94	19.86	124.08	143.59	133.91	-3,230.93	3,893.99	3,751.62	142.37	27.352		
3,800.00	3,676.76	3,707.24	3,692.76	20.43	127.72	143.83	133.91	-3,230.93	3,917.40	3,770.89	146.51	26.739		
3,900.00	3,772.58	3,788.58	3,788.58	21.01	130.56	144.08	133.91	-3,230.93	3,940.87	3,791.02	149.85	26.299		
4,000.00	3,868.39	3,884.39	3,884.39	21.58	133.90	144.31	133.91	-3,230.93	3,964.41	3,810.72	153.70	25.794		
4,100.00	3,964.21	3,980.21	3,980.21	22.16	137.24	144.55	133.91	-3,230.93	3,988.02	3,830.48	157.54	25.314		
4,200.00	4,060.03	4,076.03	4,076.03	22.74	140.59	144.78	133.91	-3,230.93	4,011.70	3,850.31	161.39	24.857		
4,300.00	4,155.85	4,171.85	4,171.85	23.32	143.93	145.02	133.91	-3,230.93	4,035.44	3,870.20	165.24	24.422		
4,400.00	4,251.66	4,267.66	4,267.66	23.89	147.28	145.24	133.91	-3,230.93	4,059.24	3,890.16	169.08	24.007		
4,500.00	4,347.48	4,363.48	4,363.48	24.47	150.62	145.47	133.91	-3,230.93	4,083.10	3,910.17	172.93	23.611		
4,600.00	4,443.30	4,459.30	4,459.30	25.05	153.96	145.69	133.91	-3,230.93	4,107.03	3,930.25	176.78	23.233		
4,700.00	4,539.11	4,555.11	4,555.11	25.63	157.31	145.91	133.91	-3,230.93	4,131.01	3,950.39	180.62	22.871		
4,800.00	4,634.93	4,650.93	4,650.93	26.21	160.65	146.13	133.91	-3,230.93	4,155.05	3,970.58	184.47	22.525		
4,900.00	4,730.75	4,746.75	4,746.75	26.79	164.00	146.35	133.91	-3,230.93	4,179.15	3,990.84	188.31	22.193		
5,000.00	4,826.57	4,842.57	4,842.57	27.37	167.34	146.56	133.91	-3,230.93	4,203.31	4,011.15	192.16	21.874		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,938.38	4,938.38	27.95	170.69	146.77	133.91	-3,230.93	4,227.52	4,031.52	196.00	21.569		
5,200.00	5,018.20	5,034.20	5,034.20	28.53	174.03	146.98	133.91	-3,230.93	4,251.79	4,051.94	199.85	21.275		
5,300.00	5,114.02	5,130.02	5,130.02	29.11	177.37	147.19	133.91	-3,230.93	4,276.11	4,072.42	203.69	20.993		
5,400.00	5,209.84	5,225.84	5,225.84	29.69	180.72	147.39	133.91	-3,230.93	4,300.48	4,092.94	207.54	20.721		
5,500.00	5,305.65	5,321.65	5,321.65	30.27	184.06	147.59	133.91	-3,230.93	4,324.91	4,113.53	211.38	20.460		
5,600.00	5,401.47	5,417.47	5,417.47	30.86	187.41	147.79	133.91	-3,230.93	4,349.39	4,134.16	215.23	20.208		
5,700.00	5,497.29	5,513.29	5,513.29	31.44	190.75	147.99	133.91	-3,230.93	4,373.91	4,154.84	219.07	19.966		
5,800.00	5,593.10	5,609.10	5,609.10	32.02	194.10	148.19	133.91	-3,230.93	4,398.49	4,175.58	222.91	19.732		
5,900.00	5,688.92	5,704.92	5,704.92	32.60	197.44	148.38	133.91	-3,230.93	4,423.11	4,196.36	226.76	19.506		
6,000.00	5,784.74	5,800.74	5,800.74	33.18	200.79	148.57	133.91	-3,230.93	4,447.79	4,217.19	230.60	19.288		
6,100.00	5,880.56	5,903.44	5,896.56	33.76	204.37	148.76	133.91	-3,230.93	4,472.51	4,237.83	234.68	19.058		
6,200.00	5,976.37	6,007.63	5,992.37	34.35	208.01	148.95	133.91	-3,230.93	4,497.27	4,258.46	238.82	18.831		
6,300.00	6,072.19	6,088.19	6,088.19	34.93	210.82	149.13	133.91	-3,230.93	4,522.09	4,279.96	242.13	18.676		
6,400.00	6,168.01	6,184.01	6,184.01	35.51	214.16	149.32	133.91	-3,230.93	4,546.94	4,300.97	245.97	18.486		
6,500.00	6,263.83	6,279.83	6,279.83	36.09	217.51	149.50	133.91	-3,230.93	4,571.84	4,322.03	249.81	18.301		
6,600.00	6,359.64	6,375.64	6,375.64	36.68	220.85	149.68	133.91	-3,230.93	4,596.79	4,343.13	253.65	18.122		
6,700.00	6,455.46	6,471.46	6,471.46	37.26	224.20	149.85	133.91	-3,230.93	4,621.77	4,364.28	257.49	17.949		
6,733.48	6,487.54	6,503.54	6,503.54	37.45	225.32	149.91	133.91	-3,230.93	4,630.15	4,371.37	258.78	17.892		
6,750.00	6,503.41	6,519.41	6,519.41	37.55	225.87	145.93	133.91	-3,230.93	4,634.09	4,374.67	259.42	17.864		
6,800.00	6,551.83	6,567.83	6,567.83	37.82	227.56	130.82	133.91	-3,230.93	4,643.57	4,382.22	261.34	17.768		
6,850.00	6,600.62	6,616.62	6,616.62	38.05	229.26	111.40	133.91	-3,230.93	4,649.36	4,386.09	263.27	17.660		
6,900.00	6,649.47	6,665.47	6,665.47	38.25	230.97	91.07	133.91	-3,230.93	4,651.43	4,386.25	265.18	17.541		
6,950.00	6,698.08	6,714.08	6,714.08	38.42	232.67	74.30	133.91	-3,230.93	4,649.78	4,382.73	267.05	17.411		
7,000.00	6,746.15	6,762.15	6,762.15	38.57	234.34	62.40	133.91	-3,230.93	4,644.42	4,375.54	268.88	17.273		
7,050.00	6,793.39	6,809.39	6,809.39	38.71	235.99	54.38	133.91	-3,230.93	4,635.40	4,364.76	270.64	17.127		
7,100.00	6,839.50	6,855.50	6,855.50	38.84	237.60	49.02	133.91	-3,230.93	4,622.78	4,350.43	272.35	16.974		
7,150.00	6,884.20	6,900.20	6,900.20	38.97	239.16	45.46	133.91	-3,230.93	4,606.64	4,332.67	273.97	16.814		
7,200.00	6,927.21	6,943.21	6,943.21	39.11	240.66	43.15	133.91	-3,230.93	4,587.11	4,311.59	275.52	16.649		
7,250.00	6,968.28	6,984.28	6,984.28	39.25	242.10	41.78	133.91	-3,230.93	4,564.29	4,287.31	276.98	16.479		
7,300.00	7,007.13	7,023.13	7,023.13	39.41	243.45	41.16	133.91	-3,230.93	4,538.35	4,260.01	278.34	16.305		
7,350.00	7,043.55	7,059.55	7,059.55	39.58	244.73	41.20	133.91	-3,230.93	4,509.45	4,229.84	279.60	16.128		
7,400.00	7,077.29	7,106.71	7,093.29	39.77	246.37	41.84	133.91	-3,230.93	4,477.77	4,196.54	281.23	15.922		
7,450.00	7,108.16	7,124.16	7,124.16	39.98	246.98	43.10	133.91	-3,230.93	4,443.52	4,161.70	281.82	15.767		
7,500.00	7,135.96	7,151.96	7,151.96	40.22	247.95	45.01	133.91	-3,230.93	4,406.91	4,124.15	282.76	15.585		
7,550.00	7,160.53	7,176.53	7,176.53	40.49	248.81	47.66	133.91	-3,230.93	4,368.17	4,084.58	283.59	15.403		
7,600.00	7,181.70	7,202.30	7,197.70	40.79	249.71	51.18	133.91	-3,230.93	4,327.55	4,043.08	284.47	15.212		
7,650.00	7,199.35	7,215.35	7,215.35	41.13	250.16	55.74	133.91	-3,230.93	4,285.29	4,000.37	284.92	15.040		
7,700.00	7,213.38	7,229.38	7,229.38	41.51	250.65	61.54	133.91	-3,230.93	4,241.66	3,956.25	285.41	14.862		
7,750.00	7,223.68	7,239.68	7,239.68	41.93	251.01	68.79	133.91	-3,230.93	4,196.92	3,911.13	285.79	14.685		
7,800.00	7,230.21	7,246.21	7,246.21	42.38	251.24	77.58	133.91	-3,230.93	4,151.34	3,865.29	286.05	14.512		
7,850.00	7,232.92	7,248.92	7,248.92	42.87	251.34	87.77	133.91	-3,230.93	4,105.20	3,819.00	286.20	14.344		
7,858.69	7,233.00	7,249.00	7,249.00	42.95	251.34	89.65	133.91	-3,230.93	4,097.15	3,810.93	286.22	14.315		
7,900.00	7,233.10	7,249.10	7,249.10	43.38	251.34	89.65	133.91	-3,230.93	4,058.87	3,772.59	286.28	14.178		
8,000.00	7,233.35	7,249.35	7,249.35	44.56	251.35	89.66	133.91	-3,230.93	3,966.45	3,679.98	286.47	13.846		
8,100.00	7,233.60	7,249.60	7,249.60	45.91	251.36	89.67	133.91	-3,230.93	3,874.41	3,587.69	286.72	13.513		
8,200.00	7,233.85	7,249.85	7,249.85	47.41	251.37	89.68	133.91	-3,230.93	3,782.78	3,495.74	287.04	13.179		
8,300.00	7,234.10	7,250.10	7,250.10	49.05	251.38	89.69	133.91	-3,230.93	3,691.58	3,404.15	287.43	12.844		
8,400.00	7,234.35	7,250.35	7,250.35	50.81	251.39	89.70	133.91	-3,230.93	3,600.85	3,312.95	287.90	12.507		
8,500.00	7,234.59	7,250.59	7,250.59	52.68	251.39	89.71	133.91	-3,230.93	3,510.62	3,222.16	288.46	12.170		
8,600.00	7,234.84	7,250.84	7,250.84	54.65	251.40	89.72	133.91	-3,230.93	3,420.94	3,131.82	289.11	11.833		
8,700.00	7,235.09	7,251.09	7,251.09	56.70	251.41	89.73	133.91	-3,230.93	3,331.84	3,041.96	289.87	11.494		
8,800.00	7,235.34	7,251.34	7,251.34	58.82	251.42	89.73	133.91	-3,230.93	3,243.37	2,952.62	290.75	11.155		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.59	7,251.59	7,251.59	61.01	251.43	89.74	133.91	-3,230.93	3,155.60	2,863.85	291.76	10.816		
9,000.00	7,235.84	7,251.84	7,251.84	63.25	251.44	89.75	133.91	-3,230.93	3,068.58	2,775.68	292.89	10.477		
9,100.00	7,236.09	7,252.09	7,252.09	65.55	251.45	89.76	133.91	-3,230.93	2,982.37	2,688.19	294.18	10.138		
9,200.00	7,236.34	7,252.34	7,252.34	67.89	251.46	89.77	133.91	-3,230.93	2,897.04	2,601.43	295.61	9.800		
9,300.00	7,236.58	7,252.58	7,252.58	70.27	251.46	89.78	133.91	-3,230.93	2,812.68	2,515.47	297.22	9.463		
9,400.00	7,236.83	7,252.83	7,252.83	72.69	251.47	89.79	133.91	-3,230.93	2,729.38	2,430.39	298.99	9.129		
9,500.00	7,237.08	7,253.08	7,253.08	75.14	251.48	89.80	133.91	-3,230.93	2,647.24	2,346.28	300.96	8.796		
9,600.00	7,237.33	7,253.33	7,253.33	77.62	251.49	89.81	133.91	-3,230.93	2,566.36	2,263.24	303.12	8.467		
9,700.00	7,237.58	7,253.58	7,253.58	80.12	251.50	89.82	133.91	-3,230.93	2,486.87	2,181.39	305.48	8.141		
9,800.00	7,237.83	7,253.83	7,253.83	82.65	251.51	89.83	133.91	-3,230.93	2,408.92	2,100.86	308.06	7.820		
9,900.00	7,238.08	7,254.08	7,254.08	85.20	251.52	89.84	133.91	-3,230.93	2,332.64	2,021.78	310.86	7.504		
10,000.00	7,238.32	7,254.32	7,254.32	87.77	251.52	89.85	133.91	-3,230.93	2,258.22	1,944.33	313.90	7.194		
10,100.00	7,238.57	7,254.57	7,254.57	90.36	251.53	89.86	133.91	-3,230.93	2,185.84	1,868.68	317.16	6.892		
10,200.00	7,238.82	7,254.82	7,254.82	92.97	251.54	89.86	133.91	-3,230.93	2,115.71	1,795.04	320.67	6.598		
10,300.00	7,239.07	7,255.07	7,255.07	95.59	251.55	89.87	133.91	-3,230.93	2,048.07	1,723.66	324.41	6.313		
10,400.00	7,239.32	7,255.32	7,255.32	98.22	251.56	89.88	133.91	-3,230.93	1,983.16	1,654.77	328.39	6.039		
10,500.00	7,239.57	7,255.57	7,255.57	100.87	251.57	89.89	133.91	-3,230.93	1,921.27	1,588.68	332.59	5.777		
10,600.00	7,239.82	7,255.82	7,255.82	103.52	251.58	89.90	133.91	-3,230.93	1,862.69	1,525.69	337.00	5.527		
10,700.00	7,240.07	7,256.07	7,256.07	106.19	251.59	89.91	133.91	-3,230.93	1,807.75	1,466.16	341.58	5.292		
10,800.00	7,240.31	7,256.31	7,256.31	108.87	251.59	89.92	133.91	-3,230.93	1,756.78	1,410.47	346.32	5.073		
10,900.00	7,240.56	7,256.56	7,256.56	111.56	251.60	89.93	133.91	-3,230.93	1,710.15	1,359.00	351.15	4.870		
11,000.00	7,240.81	7,256.81	7,256.81	114.25	251.61	89.94	133.91	-3,230.93	1,668.22	1,312.19	356.03	4.686		
11,100.00	7,241.06	7,257.06	7,257.06	116.96	251.62	89.95	133.91	-3,230.93	1,631.35	1,270.47	360.88	4.520		
11,200.00	7,241.31	7,257.31	7,257.31	119.67	251.63	89.96	133.91	-3,230.93	1,599.89	1,234.25	365.63	4.376		
11,300.00	7,241.56	7,257.56	7,257.56	122.39	251.64	89.97	133.91	-3,230.93	1,574.16	1,203.96	370.20	4.252		
11,400.00	7,241.81	7,257.81	7,257.81	125.11	251.65	89.98	133.91	-3,230.93	1,554.45	1,179.95	374.50	4.151		
11,500.00	7,242.06	7,258.06	7,258.06	127.84	251.66	89.99	133.91	-3,230.93	1,540.99	1,162.54	378.45	4.072		
11,600.00	7,242.30	7,258.30	7,258.30	130.58	251.66	89.99	133.91	-3,230.93	1,533.95	1,151.98	381.96	4.016		
11,658.31	7,242.45	7,258.45	7,258.45	132.18	251.67	90.00	133.91	-3,230.93	1,532.84	1,149.04	383.79	3.994 CC		
11,700.00	7,242.55	7,258.55	7,258.55	133.32	251.67	90.00	133.91	-3,230.93	1,533.40	1,148.41	384.99	3.983 ES		
11,800.00	7,242.80	7,258.80	7,258.80	136.07	251.68	90.01	133.91	-3,230.93	1,539.37	1,151.88	387.49	3.973 SF		
11,900.00	7,243.05	7,259.05	7,259.05	138.82	251.69	90.02	133.91	-3,230.93	1,551.77	1,162.33	389.44	3.985		
12,000.00	7,243.30	7,259.30	7,259.30	141.58	251.70	90.03	133.91	-3,230.93	1,570.46	1,179.62	390.84	4.018		
12,100.00	7,243.55	7,259.55	7,259.55	144.34	251.71	90.04	133.91	-3,230.93	1,595.20	1,203.50	391.70	4.072		
12,200.00	7,243.80	7,259.80	7,259.80	147.10	251.72	90.05	133.91	-3,230.93	1,625.73	1,233.66	392.08	4.146		
12,300.00	7,244.04	7,260.04	7,260.04	149.87	251.72	90.06	133.91	-3,230.93	1,661.73	1,269.73	392.00	4.239		
12,400.00	7,244.29	7,260.29	7,260.29	152.64	251.73	90.07	133.91	-3,230.93	1,702.85	1,311.31	391.54	4.349		
12,500.00	7,244.54	7,260.54	7,260.54	155.41	251.74	90.08	133.91	-3,230.93	1,748.72	1,357.98	390.74	4.475		
12,600.00	7,244.79	7,260.79	7,260.79	158.19	251.75	90.09	133.91	-3,230.93	1,798.99	1,409.32	389.67	4.617		
12,700.00	7,245.04	7,261.04	7,261.04	160.97	251.76	90.10	133.91	-3,230.93	1,853.29	1,464.91	388.39	4.772		
12,800.00	7,245.29	7,261.29	7,261.29	163.75	251.77	90.11	133.91	-3,230.93	1,911.29	1,524.36	386.93	4.940		
12,900.00	7,245.54	7,261.54	7,261.54	166.54	251.78	90.12	133.91	-3,230.93	1,972.66	1,587.30	385.36	5.119		
13,000.00	7,245.79	7,261.79	7,261.79	169.33	251.79	90.12	133.91	-3,230.93	2,037.08	1,653.39	383.70	5.309		
13,100.00	7,246.03	7,262.03	7,262.03	172.12	251.79	90.13	133.91	-3,230.93	2,104.29	1,722.31	381.98	5.509		
13,200.00	7,246.28	7,262.28	7,262.28	174.91	251.80	90.14	133.91	-3,230.93	2,174.02	1,793.79	380.24	5.718		
13,300.00	7,246.53	7,262.53	7,262.53	177.71	251.81	90.15	133.91	-3,230.93	2,246.04	1,867.56	378.49	5.934		
13,400.00	7,246.78	7,262.78	7,262.78	180.50	251.82	90.16	133.91	-3,230.93	2,320.14	1,943.39	376.75	6.158		
13,500.00	7,247.03	7,263.03	7,263.03	183.30	251.83	90.17	133.91	-3,230.93	2,396.12	2,021.09	375.03	6.389		
13,600.00	7,247.28	7,263.28	7,263.28	186.10	251.84	90.18	133.91	-3,230.93	2,473.81	2,100.46	373.35	6.626		
13,700.00	7,247.53	7,263.53	7,263.53	188.91	251.85	90.19	133.91	-3,230.93	2,553.05	2,181.34	371.71	6.868		
13,800.00	7,247.77	7,263.77	7,263.77	191.71	251.85	90.20	133.91	-3,230.93	2,633.70	2,263.59	370.11	7.116		
13,900.00	7,248.02	7,264.02	7,264.02	194.52	251.86	90.21	133.91	-3,230.93	2,715.64	2,347.08	368.57	7.368		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	7,264.27	7,264.27	197.32	251.87	90.22	133.91	-3,230.93	2,798.76	2,431.69	367.07	7.625		
14,100.00	7,248.52	7,264.52	7,264.52	200.13	251.88	90.23	133.91	-3,230.93	2,882.95	2,517.32	365.63	7.885		
14,200.00	7,248.77	7,264.77	7,264.77	202.94	251.89	90.24	133.91	-3,230.93	2,968.12	2,603.88	364.24	8.149		
14,300.00	7,249.02	7,265.02	7,265.02	205.76	251.90	90.25	133.91	-3,230.93	3,054.19	2,691.29	362.90	8.416		
14,400.00	7,249.27	7,265.27	7,265.27	208.57	251.91	90.25	133.91	-3,230.93	3,141.08	2,779.46	361.62	8.686		
14,500.00	7,249.52	7,265.52	7,265.52	211.38	251.92	90.26	133.91	-3,230.93	3,228.74	2,868.35	360.38	8.959		
14,600.00	7,249.76	7,265.76	7,265.76	214.20	251.92	90.27	133.91	-3,230.93	3,317.09	2,957.89	359.20	9.235		
14,700.00	7,250.01	7,266.01	7,266.01	217.02	251.93	90.28	133.91	-3,230.93	3,406.08	3,048.02	358.06	9.513		
14,800.00	7,250.26	7,266.26	7,266.26	219.84	251.94	90.29	133.91	-3,230.93	3,495.67	3,138.70	356.97	9.793		
14,900.00	7,250.51	7,266.51	7,266.51	222.65	251.95	90.30	133.91	-3,230.93	3,585.81	3,229.89	355.93	10.075		
15,000.00	7,250.76	7,266.76	7,266.76	225.48	251.96	90.31	133.91	-3,230.93	3,676.47	3,321.54	354.93	10.358		
15,100.00	7,251.01	7,267.01	7,267.01	228.30	251.97	90.32	133.91	-3,230.93	3,767.59	3,413.63	353.96	10.644		
15,200.00	7,251.26	7,267.26	7,267.26	231.12	251.98	90.33	133.91	-3,230.93	3,859.15	3,506.11	353.04	10.931		
15,300.00	7,251.50	7,267.50	7,267.50	233.94	251.98	90.34	133.91	-3,230.93	3,951.13	3,598.97	352.16	11.220		
15,400.00	7,251.75	7,267.75	7,267.75	236.77	251.99	90.35	133.91	-3,230.93	4,043.48	3,692.17	351.31	11.510		
15,500.00	7,252.00	7,268.00	7,268.00	239.59	252.00	90.36	133.91	-3,230.93	4,136.19	3,785.70	350.49	11.801		
15,600.00	7,252.25	7,268.25	7,268.25	242.42	252.01	90.37	133.91	-3,230.93	4,229.23	3,879.52	349.71	12.093		
15,700.00	7,252.50	7,268.50	7,268.50	245.24	252.02	90.38	133.91	-3,230.93	4,322.58	3,973.62	348.96	12.387		
15,800.00	7,252.75	7,268.75	7,268.75	248.07	252.03	90.38	133.91	-3,230.93	4,416.23	4,067.99	348.24	12.682		
15,900.00	7,253.00	7,269.00	7,269.00	250.90	252.04	90.39	133.91	-3,230.93	4,510.14	4,162.59	347.55	12.977		
16,000.00	7,253.25	7,269.25	7,269.25	253.73	252.05	90.40	133.91	-3,230.93	4,604.32	4,257.43	346.88	13.273		
16,100.00	7,253.49	7,269.49	7,269.49	256.56	252.05	90.41	133.91	-3,230.93	4,698.73	4,352.48	346.25	13.570		
16,200.00	7,253.74	7,269.74	7,269.74	259.39	252.06	90.42	133.91	-3,230.93	4,793.37	4,447.74	345.63	13.868		
16,300.00	7,253.99	7,269.99	7,269.99	262.22	252.07	90.43	133.91	-3,230.93	4,888.22	4,543.18	345.04	14.167		
16,400.00	7,254.24	7,270.24	7,270.24	265.05	252.08	90.44	133.91	-3,230.93	4,983.28	4,638.80	344.47	14.466		
16,500.00	7,254.49	7,270.49	7,270.49	267.88	252.09	90.45	133.91	-3,230.93	5,078.52	4,734.60	343.93	14.766		
16,600.00	7,254.74	7,270.74	7,270.74	270.72	252.10	90.46	133.91	-3,230.93	5,173.95	4,830.55	343.40	15.067		
16,700.00	7,254.99	7,270.99	7,270.99	273.55	252.11	90.47	133.91	-3,230.93	5,269.54	4,926.64	342.90	15.368		
16,800.00	7,255.24	7,271.24	7,271.24	276.38	252.12	90.48	133.91	-3,230.93	5,365.29	5,022.89	342.41	15.669		
16,900.00	7,255.48	7,271.48	7,271.48	279.22	252.12	90.49	133.91	-3,230.93	5,461.20	5,119.26	341.94	15.971		
17,000.00	7,255.73	7,271.73	7,271.73	282.05	252.13	90.50	133.91	-3,230.93	5,557.25	5,215.76	341.49	16.274		
17,100.00	7,255.98	7,271.98	7,271.98	284.89	252.14	90.51	133.91	-3,230.93	5,653.44	5,312.39	341.05	16.576		
17,200.00	7,256.23	7,272.23	7,272.23	287.73	252.15	90.52	133.91	-3,230.93	5,749.76	5,409.12	340.63	16.880		
17,300.00	7,256.48	7,272.48	7,272.48	290.56	252.16	90.52	133.91	-3,230.93	5,846.20	5,505.97	340.23	17.183		
17,400.00	7,256.73	7,272.73	7,272.73	293.40	252.17	90.53	133.91	-3,230.93	5,942.76	5,602.92	339.84	17.487		
17,500.00	7,256.98	7,272.98	7,272.98	296.24	252.18	90.54	133.91	-3,230.93	6,039.43	5,699.96	339.46	17.791		
17,600.00	7,257.22	7,273.22	7,273.22	299.07	252.18	90.55	133.91	-3,230.93	6,136.21	5,797.10	339.10	18.095		
17,700.00	7,257.47	7,273.47	7,273.47	301.91	252.19	90.56	133.91	-3,230.93	6,233.09	5,894.33	338.75	18.400		
17,800.00	7,257.72	7,273.72	7,273.72	304.75	252.20	90.57	133.91	-3,230.93	6,330.06	5,991.65	338.42	18.705		
17,900.00	7,257.97	7,273.97	7,273.97	307.59	252.21	90.58	133.91	-3,230.93	6,427.13	6,089.04	338.09	19.010		
18,000.00	7,258.22	7,274.22	7,274.22	310.43	252.22	90.59	133.91	-3,230.93	6,524.29	6,186.51	337.78	19.315		
18,100.00	7,258.47	7,274.47	7,274.47	313.27	252.23	90.60	133.91	-3,230.93	6,621.53	6,284.06	337.48	19.621		
18,200.00	7,258.72	7,274.72	7,274.72	316.11	252.24	90.61	133.91	-3,230.93	6,718.86	6,381.67	337.19	19.926		
18,300.00	7,258.97	7,274.97	7,274.97	318.95	252.25	90.62	133.91	-3,230.93	6,816.26	6,479.35	336.90	20.232		
18,400.00	7,259.21	7,275.21	7,275.21	321.79	252.25	90.63	133.91	-3,230.93	6,913.73	6,577.10	336.63	20.538		
18,500.00	7,259.46	7,275.46	7,275.46	324.63	252.26	90.64	133.91	-3,230.93	7,011.28	6,674.91	336.37	20.844		
18,600.00	7,259.71	7,275.71	7,275.71	327.48	252.27	90.65	133.91	-3,230.93	7,108.89	6,772.77	336.12	21.150		
18,700.00	7,259.96	7,275.96	7,275.96	330.32	252.28	90.65	133.91	-3,230.93	7,206.57	6,870.70	335.87	21.456		
18,800.00	7,260.21	7,276.21	7,276.21	333.16	252.29	90.66	133.91	-3,230.93	7,304.31	6,968.68	335.64	21.762		
18,900.00	7,260.46	7,276.46	7,276.46	336.00	252.30	90.67	133.91	-3,230.93	7,402.12	7,066.71	335.41	22.069		
19,000.00	7,260.71	7,276.71	7,276.71	338.85	252.31	90.68	133.91	-3,230.93	7,499.98	7,164.79	335.19	22.375		
19,100.00	7,260.95	7,276.95	7,276.95	341.69	252.31	90.69	133.91	-3,230.93	7,597.89	7,262.91	334.98	22.682		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - MONTERA I #11-11(PR) - OH - OH													<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma														
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)			
19,118.22	7,261.00	7,277.00	7,277.00	342.21	252.32	90.69	133.91	-3,230.93	7,615.74	7,280.80	334.94	22.737		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-109.64	-1,043.20	-2,923.22	3,103.78					
100.00	100.00	102.00	98.00	3.28	3.75	-109.64	-1,043.20	-2,923.22	3,103.78	3,096.75	7.03	441.284		
200.00	200.00	202.00	198.00	3.34	6.24	-109.64	-1,043.20	-2,923.22	3,103.78	3,094.21	9.58	324.146		
300.00	300.00	302.00	298.00	3.44	9.39	-109.64	-1,043.20	-2,923.22	3,103.78	3,090.95	12.83	241.844		
400.00	399.98	402.02	397.98	3.60	12.72	113.98	-1,043.20	-2,923.22	3,104.49	3,088.18	16.32	190.276		
500.00	499.84	502.16	497.84	3.79	16.12	114.03	-1,043.20	-2,923.22	3,106.62	3,086.71	19.91	156.033		
600.00	599.45	602.55	597.45	4.03	19.57	114.11	-1,043.20	-2,923.22	3,110.19	3,086.60	23.59	131.856		
700.00	698.70	703.30	696.70	4.30	23.04	114.22	-1,043.20	-2,923.22	3,115.21	3,087.87	27.33	113.965		
800.00	797.47	804.53	795.47	4.60	26.54	114.36	-1,043.20	-2,923.22	3,121.71	3,090.57	31.14	100.232		
900.00	895.62	906.38	893.62	4.94	30.08	114.53	-1,043.20	-2,923.22	3,129.73	3,094.71	35.02	89.377		
1,000.00	993.06	1,008.94	991.06	5.32	33.64	114.72	-1,043.20	-2,923.22	3,139.30	3,100.35	38.95	80.594		
1,100.00	1,089.64	1,087.64	1,087.64	5.73	36.37	114.93	-1,043.20	-2,923.22	3,150.48	3,108.39	42.09	74.846		
1,131.50	1,119.87	1,117.87	1,117.87	5.87	37.42	115.00	-1,043.20	-2,923.22	3,154.34	3,111.07	43.28	72.884		
1,200.00	1,185.51	1,183.51	1,183.51	6.18	39.71	115.31	-1,043.20	-2,923.22	3,162.97	3,117.11	45.86	68.968		
1,300.00	1,281.33	1,279.33	1,279.33	6.65	43.04	115.76	-1,043.20	-2,923.22	3,175.74	3,126.09	49.65	63.962		
1,400.00	1,377.14	1,375.14	1,375.14	7.13	46.38	116.21	-1,043.20	-2,923.22	3,188.72	3,135.26	53.46	59.651		
1,500.00	1,472.96	1,470.96	1,470.96	7.63	49.71	116.65	-1,043.20	-2,923.22	3,201.90	3,144.62	57.28	55.903		
1,600.00	1,568.78	1,566.78	1,566.78	8.14	53.05	117.09	-1,043.20	-2,923.22	3,215.28	3,154.17	61.11	52.617		
1,700.00	1,664.60	1,662.60	1,662.60	8.66	56.39	117.53	-1,043.20	-2,923.22	3,228.85	3,163.91	64.95	49.716		
1,800.00	1,760.41	1,758.41	1,758.41	9.19	59.73	117.96	-1,043.20	-2,923.22	3,242.63	3,173.83	68.79	47.136		
1,900.00	1,856.23	1,854.23	1,854.23	9.73	63.07	118.40	-1,043.20	-2,923.22	3,256.60	3,183.95	72.65	44.828		
2,000.00	1,952.05	1,950.05	1,950.05	10.27	66.41	118.82	-1,043.20	-2,923.22	3,270.75	3,194.25	76.50	42.753		
2,100.00	2,047.86	2,045.86	2,045.86	10.81	69.75	119.25	-1,043.20	-2,923.22	3,285.10	3,204.73	80.37	40.877		
2,200.00	2,143.68	2,141.68	2,141.68	11.36	73.09	119.67	-1,043.20	-2,923.22	3,299.63	3,215.40	84.23	39.174		
2,300.00	2,239.50	2,237.50	2,237.50	11.92	76.44	120.08	-1,043.20	-2,923.22	3,314.35	3,226.25	88.10	37.621		
2,400.00	2,335.32	2,333.32	2,333.32	12.47	79.78	120.50	-1,043.20	-2,923.22	3,329.24	3,237.28	91.97	36.201		
2,500.00	2,431.13	2,429.13	2,429.13	13.03	83.12	120.90	-1,043.20	-2,923.22	3,344.32	3,248.48	95.84	34.896		
2,600.00	2,526.95	2,524.95	2,524.95	13.59	86.46	121.31	-1,043.20	-2,923.22	3,359.57	3,259.86	99.71	33.693		
2,700.00	2,622.77	2,620.77	2,620.77	14.15	89.81	121.71	-1,043.20	-2,923.22	3,374.99	3,271.41	103.58	32.583		
2,800.00	2,718.59	2,716.59	2,716.59	14.72	93.15	122.11	-1,043.20	-2,923.22	3,390.59	3,283.13	107.46	31.553		
2,900.00	2,814.40	2,812.40	2,812.40	15.29	96.49	122.51	-1,043.20	-2,923.22	3,406.35	3,295.02	111.33	30.597		
3,000.00	2,910.22	2,908.22	2,908.22	15.85	99.83	122.90	-1,043.20	-2,923.22	3,422.29	3,307.08	115.21	29.706		
3,100.00	3,006.04	3,004.04	3,004.04	16.42	103.18	123.29	-1,043.20	-2,923.22	3,438.38	3,319.30	119.08	28.874		
3,200.00	3,101.85	3,100.15	3,099.85	16.99	106.53	123.67	-1,043.20	-2,923.22	3,454.64	3,331.67	122.97	28.094		
3,300.00	3,197.67	3,204.33	3,195.67	17.56	110.17	124.06	-1,043.20	-2,923.22	3,471.06	3,343.92	127.13	27.302		
3,400.00	3,293.49	3,308.51	3,291.49	18.14	113.80	124.43	-1,043.20	-2,923.22	3,487.63	3,356.33	131.30	26.562		
3,500.00	3,389.31	3,387.31	3,387.31	18.71	116.55	124.81	-1,043.20	-2,923.22	3,504.37	3,369.78	134.58	26.039		
3,600.00	3,485.12	3,483.12	3,483.12	19.28	119.90	125.18	-1,043.20	-2,923.22	3,521.25	3,382.79	138.46	25.432		
3,700.00	3,580.94	3,578.94	3,578.94	19.86	123.24	125.55	-1,043.20	-2,923.22	3,538.28	3,395.95	142.33	24.860		
3,800.00	3,676.76	3,674.76	3,674.76	20.43	126.58	125.92	-1,043.20	-2,923.22	3,555.47	3,409.26	146.20	24.318		
3,900.00	3,772.58	3,770.58	3,770.58	21.01	129.93	126.28	-1,043.20	-2,923.22	3,572.80	3,422.72	150.08	23.806		
4,000.00	3,868.39	3,866.39	3,866.39	21.58	133.27	126.64	-1,043.20	-2,923.22	3,590.27	3,436.32	153.95	23.321		
4,100.00	3,964.21	3,962.21	3,962.21	22.16	136.61	126.99	-1,043.20	-2,923.22	3,607.89	3,450.07	157.82	22.860		
4,200.00	4,060.03	4,058.03	4,058.03	22.74	139.96	127.34	-1,043.20	-2,923.22	3,625.65	3,463.95	161.70	22.423		
4,300.00	4,155.85	4,153.85	4,153.85	23.32	143.30	127.69	-1,043.20	-2,923.22	3,643.54	3,477.98	165.57	22.006		
4,400.00	4,251.66	4,249.66	4,249.66	23.89	146.65	128.04	-1,043.20	-2,923.22	3,661.58	3,492.14	169.44	21.610		
4,500.00	4,347.48	4,345.48	4,345.48	24.47	149.99	128.38	-1,043.20	-2,923.22	3,679.74	3,506.44	173.31	21.232		
4,600.00	4,443.30	4,441.30	4,441.30	25.05	153.34	128.72	-1,043.20	-2,923.22	3,698.04	3,520.86	177.18	20.872		
4,700.00	4,539.11	4,537.11	4,537.11	25.63	156.68	129.05	-1,043.20	-2,923.22	3,716.47	3,535.42	181.05	20.528		
4,800.00	4,634.93	4,632.93	4,632.93	26.21	160.02	129.38	-1,043.20	-2,923.22	3,735.03	3,550.11	184.91	20.199		
4,900.00	4,730.75	4,728.75	4,728.75	26.79	163.37	129.71	-1,043.20	-2,923.22	3,753.71	3,564.93	188.78	19.884		
5,000.00	4,826.57	4,824.57	4,824.57	27.37	166.71	130.04	-1,043.20	-2,923.22	3,772.52	3,579.87	192.65	19.582		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,920.38	4,920.38	27.95	170.06	130.36	-1,043.20	-2,923.22	3,791.45	3,594.94	196.51	19.293		
5,200.00	5,018.20	5,016.20	5,016.20	28.53	173.40	130.68	-1,043.20	-2,923.22	3,810.50	3,610.12	200.38	19.016		
5,300.00	5,114.02	5,112.02	5,112.02	29.11	176.75	131.00	-1,043.20	-2,923.22	3,829.67	3,625.43	204.24	18.750		
5,400.00	5,209.84	5,207.84	5,207.84	29.69	180.09	131.31	-1,043.20	-2,923.22	3,848.96	3,640.85	208.11	18.495		
5,500.00	5,305.65	5,303.65	5,303.65	30.27	183.43	131.63	-1,043.20	-2,923.22	3,868.37	3,656.39	211.97	18.249		
5,600.00	5,401.47	5,400.53	5,399.47	30.86	186.82	131.93	-1,043.20	-2,923.22	3,887.88	3,672.01	215.87	18.010		
5,700.00	5,497.29	5,504.71	5,495.29	31.44	190.45	132.24	-1,043.20	-2,923.22	3,907.51	3,687.49	220.03	17.759		
5,800.00	5,593.10	5,608.90	5,591.10	32.02	194.09	132.54	-1,043.20	-2,923.22	3,927.25	3,703.07	224.18	17.518		
5,900.00	5,688.92	5,686.92	5,686.92	32.60	196.81	132.84	-1,043.20	-2,923.22	3,947.10	3,719.68	227.42	17.356		
6,000.00	5,784.74	5,782.74	5,782.74	33.18	200.16	133.14	-1,043.20	-2,923.22	3,967.06	3,735.78	231.28	17.153		
6,100.00	5,880.56	5,878.56	5,878.56	33.76	203.50	133.43	-1,043.20	-2,923.22	3,987.12	3,751.98	235.14	16.956		
6,200.00	5,976.37	5,974.37	5,974.37	34.35	206.85	133.72	-1,043.20	-2,923.22	4,007.29	3,768.29	239.00	16.767		
6,300.00	6,072.19	6,070.19	6,070.19	34.93	210.19	134.01	-1,043.20	-2,923.22	4,027.55	3,784.70	242.86	16.584		
6,400.00	6,168.01	6,166.01	6,166.01	35.51	213.54	134.29	-1,043.20	-2,923.22	4,047.92	3,801.21	246.71	16.407		
6,500.00	6,263.83	6,261.83	6,261.83	36.09	216.88	134.58	-1,043.20	-2,923.22	4,068.39	3,817.82	250.57	16.236		
6,600.00	6,359.64	6,357.64	6,357.64	36.68	220.22	134.86	-1,043.20	-2,923.22	4,088.96	3,834.53	254.43	16.071		
6,700.00	6,455.46	6,453.46	6,453.46	37.26	223.57	135.13	-1,043.20	-2,923.22	4,109.62	3,851.33	258.28	15.911		
6,733.48	6,487.54	6,485.54	6,485.54	37.45	224.69	135.23	-1,043.20	-2,923.22	4,116.56	3,856.98	259.57	15.859		
6,750.00	6,503.41	6,501.41	6,501.41	37.55	225.24	131.36	-1,043.20	-2,923.22	4,119.78	3,859.56	260.21	15.832		
6,800.00	6,551.83	6,549.83	6,549.83	37.82	226.93	116.51	-1,043.20	-2,923.22	4,126.96	3,864.81	262.15	15.743		
6,850.00	6,600.62	6,601.38	6,598.62	38.05	228.73	97.25	-1,043.20	-2,923.22	4,130.27	3,866.10	264.17	15.635		
6,900.00	6,649.47	6,647.47	6,647.47	38.25	230.34	77.00	-1,043.20	-2,923.22	4,129.69	3,863.71	265.98	15.527		
6,950.00	6,698.08	6,703.92	6,696.08	38.42	232.31	60.22	-1,043.20	-2,923.22	4,125.22	3,857.11	268.11	15.386		
7,000.00	6,746.15	6,744.15	6,744.15	38.57	233.72	48.22	-1,043.20	-2,923.22	4,116.89	3,847.24	269.66	15.267		
7,050.00	6,793.39	6,808.61	6,791.39	38.71	235.97	40.01	-1,043.20	-2,923.22	4,104.76	3,832.74	272.02	15.090		
7,100.00	6,839.50	6,837.50	6,837.50	38.84	236.97	34.36	-1,043.20	-2,923.22	4,088.90	3,815.79	273.11	14.971		
7,150.00	6,884.20	6,882.20	6,882.20	38.97	238.54	30.40	-1,043.20	-2,923.22	4,069.40	3,794.67	274.74	14.812		
7,200.00	6,927.21	6,925.21	6,925.21	39.11	240.04	27.59	-1,043.20	-2,923.22	4,046.40	3,770.12	276.28	14.646		
7,250.00	6,968.28	6,966.28	6,966.28	39.25	241.47	25.59	-1,043.20	-2,923.22	4,020.02	3,742.28	277.74	14.474		
7,300.00	7,007.13	7,005.13	7,005.13	39.41	242.83	24.20	-1,043.20	-2,923.22	3,990.43	3,711.33	279.10	14.297		
7,350.00	7,043.55	7,041.55	7,041.55	39.58	244.10	23.31	-1,043.20	-2,923.22	3,957.81	3,677.44	280.37	14.117		
7,400.00	7,077.29	7,075.29	7,075.29	39.77	245.28	22.84	-1,043.20	-2,923.22	3,922.36	3,640.84	281.52	13.933		
7,450.00	7,108.16	7,106.16	7,106.16	39.98	246.35	22.76	-1,043.20	-2,923.22	3,884.30	3,601.72	282.57	13.746		
7,500.00	7,135.96	7,133.96	7,133.96	40.22	247.32	23.11	-1,043.20	-2,923.22	3,843.86	3,560.34	283.51	13.558		
7,550.00	7,160.53	7,158.53	7,158.53	40.49	248.18	23.95	-1,043.20	-2,923.22	3,801.28	3,516.95	284.33	13.369		
7,600.00	7,181.70	7,179.70	7,179.70	40.79	248.92	25.42	-1,043.20	-2,923.22	3,756.82	3,471.80	285.03	13.181		
7,650.00	7,199.35	7,202.65	7,197.35	41.13	249.72	27.84	-1,043.20	-2,923.22	3,710.76	3,424.98	285.79	12.984		
7,700.00	7,213.38	7,211.38	7,211.38	41.51	250.03	31.82	-1,043.20	-2,923.22	3,663.38	3,377.32	286.06	12.807		
7,750.00	7,223.68	7,221.68	7,221.68	41.93	250.39	38.77	-1,043.20	-2,923.22	3,614.96	3,328.58	286.38	12.623		
7,800.00	7,230.21	7,228.21	7,228.21	42.38	250.61	52.39	-1,043.20	-2,923.22	3,565.80	3,279.22	286.59	12.442		
7,850.00	7,232.92	7,230.92	7,230.92	42.87	250.71	81.41	-1,043.20	-2,923.22	3,516.20	3,229.54	286.66	12.266		
7,858.69	7,233.00	7,231.00	7,231.00	42.95	250.71	88.61	-1,043.20	-2,923.22	3,507.55	3,220.89	286.67	12.236		
7,900.00	7,233.10	7,231.10	7,231.10	43.38	250.71	88.62	-1,043.20	-2,923.22	3,466.46	3,179.80	286.66	12.093		
8,000.00	7,233.35	7,231.35	7,231.35	44.56	250.72	88.66	-1,043.20	-2,923.22	3,367.01	3,080.36	286.65	11.746		
8,100.00	7,233.60	7,231.60	7,231.60	45.91	250.73	88.70	-1,043.20	-2,923.22	3,267.59	2,980.94	286.65	11.399		
8,200.00	7,233.85	7,231.85	7,231.85	47.41	250.74	88.74	-1,043.20	-2,923.22	3,168.20	2,881.56	286.65	11.053		
8,300.00	7,234.10	7,232.10	7,232.10	49.05	250.75	88.78	-1,043.20	-2,923.22	3,068.86	2,782.21	286.65	10.706		
8,400.00	7,234.35	7,232.35	7,232.35	50.81	250.76	88.82	-1,043.20	-2,923.22	2,969.56	2,682.89	286.66	10.359		
8,500.00	7,234.59	7,232.59	7,232.59	52.68	250.77	88.86	-1,043.20	-2,923.22	2,870.31	2,583.62	286.68	10.012		
8,600.00	7,234.84	7,232.84	7,232.84	54.65	250.78	88.90	-1,043.20	-2,923.22	2,771.11	2,484.40	286.71	9.665		
8,700.00	7,235.09	7,233.09	7,233.09	56.70	250.78	88.94	-1,043.20	-2,923.22	2,671.97	2,385.22	286.75	9.318		
8,800.00	7,235.34	7,233.34	7,233.34	58.82	250.79	88.98	-1,043.20	-2,923.22	2,572.90	2,286.09	286.81	8.971		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.59	7,233.59	7,233.59	61.01	250.80	89.02	-1,043.20	-2,923.22	2,473.90	2,187.03	286.87	8.624		
9,000.00	7,235.84	7,233.84	7,233.84	63.25	250.81	89.06	-1,043.20	-2,923.22	2,374.99	2,088.03	286.96	8.276		
9,100.00	7,236.09	7,234.09	7,234.09	65.55	250.82	89.10	-1,043.20	-2,923.22	2,276.17	1,989.10	287.07	7.929		
9,200.00	7,236.34	7,234.34	7,234.34	67.89	250.83	89.14	-1,043.20	-2,923.22	2,177.46	1,890.25	287.21	7.581		
9,300.00	7,236.58	7,234.58	7,234.58	70.27	250.84	89.18	-1,043.20	-2,923.22	2,078.87	1,791.49	287.39	7.234		
9,400.00	7,236.83	7,234.83	7,234.83	72.69	250.84	89.22	-1,043.20	-2,923.22	1,980.43	1,692.83	287.60	6.886		
9,500.00	7,237.08	7,235.08	7,235.08	75.14	250.85	89.26	-1,043.20	-2,923.22	1,882.15	1,594.28	287.87	6.538		
9,600.00	7,237.33	7,235.33	7,235.33	77.62	250.86	89.30	-1,043.20	-2,923.22	1,784.06	1,495.85	288.21	6.190		
9,700.00	7,237.58	7,235.58	7,235.58	80.12	250.87	89.34	-1,043.20	-2,923.22	1,686.19	1,397.56	288.63	5.842		
9,800.00	7,237.83	7,235.83	7,235.83	82.65	250.88	89.38	-1,043.20	-2,923.22	1,588.59	1,299.44	289.15	5.494		
9,900.00	7,238.08	7,236.08	7,236.08	85.20	250.89	89.42	-1,043.20	-2,923.22	1,491.31	1,201.50	289.81	5.146		
10,000.00	7,238.32	7,236.32	7,236.32	87.77	250.90	89.46	-1,043.20	-2,923.22	1,394.41	1,103.77	290.64	4.798		
10,100.00	7,238.57	7,236.57	7,236.57	90.36	250.91	89.50	-1,043.20	-2,923.22	1,297.98	1,006.30	291.69	4.450		
10,200.00	7,238.82	7,236.82	7,236.82	92.97	250.91	89.54	-1,043.20	-2,923.22	1,202.14	909.11	293.03	4.102		
10,300.00	7,239.07	7,237.07	7,237.07	95.59	250.92	89.58	-1,043.20	-2,923.22	1,107.03	812.29	294.74	3.756		
10,400.00	7,239.32	7,237.32	7,237.32	98.22	250.93	89.62	-1,043.20	-2,923.22	1,012.87	715.92	296.95	3.411		
10,500.00	7,239.57	7,237.57	7,237.57	100.87	250.94	89.66	-1,043.20	-2,923.22	919.94	620.12	299.82	3.068		
10,600.00	7,239.82	7,237.82	7,237.82	103.52	250.95	89.70	-1,043.20	-2,923.22	828.65	525.09	303.56	2.730		
10,700.00	7,240.07	7,238.07	7,238.07	106.19	250.96	89.74	-1,043.20	-2,923.22	739.63	431.16	308.46	2.398		
10,800.00	7,240.31	7,238.31	7,238.31	108.87	250.97	89.78	-1,043.20	-2,923.22	653.78	338.88	314.90	2.076		
10,900.00	7,240.56	7,238.56	7,238.56	111.56	250.97	89.82	-1,043.20	-2,923.22	572.54	249.23	323.31	1.771		
11,000.00	7,240.81	7,238.81	7,238.81	114.25	250.98	89.86	-1,043.20	-2,923.22	498.18	164.12	334.07	1.491 Level 3		
11,100.00	7,241.06	7,239.06	7,239.06	116.96	250.99	89.90	-1,043.20	-2,923.22	434.24	87.15	347.09	1.251 Level 3		
11,200.00	7,241.31	7,239.31	7,239.31	119.67	251.00	89.94	-1,043.20	-2,923.22	385.93	25.02	360.92	1.069 Level 2		
11,300.00	7,241.56	7,239.56	7,239.56	122.39	251.01	89.98	-1,043.20	-2,923.22	359.62	-12.22	371.84	0.967 Level 1		
11,348.10	7,241.68	7,239.68	7,239.68	123.70	251.01	90.00	-1,043.20	-2,923.22	356.38	-18.27	374.65	0.951 Level 1, CC, ES, SF		
11,400.00	7,241.81	7,239.81	7,239.81	125.11	251.02	90.02	-1,043.20	-2,923.22	360.14	-15.27	375.41	0.959 Level 1		
11,500.00	7,242.06	7,240.06	7,240.06	127.84	251.03	90.06	-1,043.20	-2,923.22	387.40	16.50	370.90	1.044 Level 2		
11,600.00	7,242.30	7,240.30	7,240.30	130.58	251.04	90.10	-1,043.20	-2,923.22	436.42	74.61	361.81	1.206 Level 2		
11,700.00	7,242.55	7,240.55	7,240.55	133.32	251.04	90.14	-1,043.20	-2,923.22	500.84	149.00	351.84	1.423 Level 3		
11,800.00	7,242.80	7,240.80	7,240.80	136.07	251.05	90.18	-1,043.20	-2,923.22	575.51	232.67	342.84	1.679		
11,900.00	7,243.05	7,241.05	7,241.05	138.82	251.06	90.22	-1,043.20	-2,923.22	656.96	321.64	335.32	1.959		
12,000.00	7,243.30	7,241.30	7,241.30	141.58	251.07	90.26	-1,043.20	-2,923.22	742.95	413.75	329.20	2.257		
12,100.00	7,243.55	7,241.55	7,241.55	144.34	251.08	90.30	-1,043.20	-2,923.22	832.08	507.83	324.24	2.566		
12,200.00	7,243.80	7,241.80	7,241.80	147.10	251.09	90.34	-1,043.20	-2,923.22	923.43	603.22	320.22	2.884		
12,300.00	7,244.04	7,242.04	7,242.04	149.87	251.10	90.38	-1,043.20	-2,923.22	1,016.42	699.50	316.92	3.207		
12,400.00	7,244.29	7,242.29	7,242.29	152.64	251.10	90.42	-1,043.20	-2,923.22	1,110.62	796.43	314.19	3.535		
12,500.00	7,244.54	7,242.54	7,242.54	155.41	251.11	90.46	-1,043.20	-2,923.22	1,205.76	893.85	311.91	3.866		
12,600.00	7,244.79	7,242.79	7,242.79	158.19	251.12	90.50	-1,043.20	-2,923.22	1,301.63	991.63	310.00	4.199		
12,700.00	7,245.04	7,243.04	7,243.04	160.97	251.13	90.54	-1,043.20	-2,923.22	1,398.08	1,089.70	308.37	4.534		
12,800.00	7,245.29	7,243.29	7,243.29	163.75	251.14	90.58	-1,043.20	-2,923.22	1,494.99	1,188.01	306.98	4.870		
12,900.00	7,245.54	7,243.54	7,243.54	166.54	251.15	90.62	-1,043.20	-2,923.22	1,592.29	1,286.50	305.78	5.207		
13,000.00	7,245.79	7,243.79	7,243.79	169.33	251.16	90.66	-1,043.20	-2,923.22	1,689.90	1,385.15	304.74	5.545		
13,100.00	7,246.03	7,244.03	7,244.03	172.12	251.17	90.70	-1,043.20	-2,923.22	1,787.77	1,483.94	303.84	5.884		
13,200.00	7,246.28	7,244.28	7,244.28	174.91	251.17	90.74	-1,043.20	-2,923.22	1,885.87	1,582.83	303.04	6.223		
13,300.00	7,246.53	7,244.53	7,244.53	177.71	251.18	90.78	-1,043.20	-2,923.22	1,984.16	1,681.82	302.34	6.563		
13,400.00	7,246.78	7,244.78	7,244.78	180.50	251.19	90.82	-1,043.20	-2,923.22	2,082.61	1,780.89	301.72	6.902		
13,500.00	7,247.03	7,245.03	7,245.03	183.30	251.20	90.86	-1,043.20	-2,923.22	2,181.20	1,880.03	301.17	7.242		
13,600.00	7,247.28	7,245.28	7,245.28	186.10	251.21	90.90	-1,043.20	-2,923.22	2,279.91	1,979.23	300.68	7.583		
13,700.00	7,247.53	7,245.53	7,245.53	188.91	251.22	90.94	-1,043.20	-2,923.22	2,378.74	2,078.49	300.24	7.923		
13,800.00	7,247.77	7,245.77	7,245.77	191.71	251.23	90.98	-1,043.20	-2,923.22	2,477.65	2,177.80	299.85	8.263		
13,900.00	7,248.02	7,246.02	7,246.02	194.52	251.24	91.02	-1,043.20	-2,923.22	2,576.65	2,277.15	299.50	8.603		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	7,246.27	7,246.27	197.32	251.24	91.06	-1,043.20	-2,923.22	2,675.73	2,376.54	299.18	8.943		
14,100.00	7,248.52	7,246.52	7,246.52	200.13	251.25	91.10	-1,043.20	-2,923.22	2,774.87	2,475.97	298.90	9.284		
14,200.00	7,248.77	7,246.77	7,246.77	202.94	251.26	91.14	-1,043.20	-2,923.22	2,874.07	2,575.43	298.64	9.624		
14,300.00	7,249.02	7,247.02	7,247.02	205.76	251.27	91.18	-1,043.20	-2,923.22	2,973.32	2,674.91	298.41	9.964		
14,400.00	7,249.27	7,247.27	7,247.27	208.57	251.28	91.22	-1,043.20	-2,923.22	3,072.62	2,774.42	298.20	10.304		
14,500.00	7,249.52	7,247.52	7,247.52	211.38	251.29	91.26	-1,043.20	-2,923.22	3,171.97	2,873.96	298.01	10.644		
14,600.00	7,249.76	7,247.76	7,247.76	214.20	251.30	91.30	-1,043.20	-2,923.22	3,271.36	2,973.51	297.84	10.984		
14,700.00	7,250.01	7,248.01	7,248.01	217.02	251.30	91.34	-1,043.20	-2,923.22	3,370.78	3,073.09	297.69	11.323		
14,800.00	7,250.26	7,248.26	7,248.26	219.84	251.31	91.38	-1,043.20	-2,923.22	3,470.23	3,172.68	297.55	11.663		
14,900.00	7,250.51	7,248.51	7,248.51	222.65	251.32	91.42	-1,043.20	-2,923.22	3,569.72	3,272.29	297.43	12.002		
15,000.00	7,250.76	7,248.76	7,248.76	225.48	251.33	91.46	-1,043.20	-2,923.22	3,669.23	3,371.92	297.31	12.341		
15,100.00	7,251.01	7,249.01	7,249.01	228.30	251.34	91.50	-1,043.20	-2,923.22	3,768.77	3,471.56	297.22	12.680		
15,200.00	7,251.26	7,249.26	7,249.26	231.12	251.35	91.54	-1,043.20	-2,923.22	3,868.33	3,571.21	297.13	13.019		
15,300.00	7,251.50	7,249.50	7,249.50	233.94	251.36	91.58	-1,043.20	-2,923.22	3,967.92	3,670.87	297.05	13.358		
15,400.00	7,251.75	7,249.75	7,249.75	236.77	251.37	91.62	-1,043.20	-2,923.22	4,067.53	3,770.55	296.98	13.696		
15,500.00	7,252.00	7,250.00	7,250.00	239.59	251.37	91.66	-1,043.20	-2,923.22	4,167.15	3,870.23	296.92	14.035		
15,600.00	7,252.25	7,250.25	7,250.25	242.42	251.38	91.70	-1,043.20	-2,923.22	4,266.79	3,969.93	296.86	14.373		
15,700.00	7,252.50	7,250.50	7,250.50	245.24	251.39	91.74	-1,043.20	-2,923.22	4,366.45	4,069.63	296.82	14.711		
15,800.00	7,252.75	7,250.75	7,250.75	248.07	251.40	91.78	-1,043.20	-2,923.22	4,466.12	4,169.34	296.78	15.049		
15,900.00	7,253.00	7,251.00	7,251.00	250.90	251.41	91.82	-1,043.20	-2,923.22	4,565.81	4,269.07	296.75	15.386		
16,000.00	7,253.25	7,251.25	7,251.25	253.73	251.42	91.86	-1,043.20	-2,923.22	4,665.51	4,368.79	296.72	15.724		
16,100.00	7,253.49	7,251.49	7,251.49	256.56	251.43	91.90	-1,043.20	-2,923.22	4,765.23	4,468.53	296.70	16.061		
16,200.00	7,253.74	7,251.74	7,251.74	259.39	251.43	91.94	-1,043.20	-2,923.22	4,864.95	4,568.27	296.68	16.398		
16,300.00	7,253.99	7,251.99	7,251.99	262.22	251.44	91.98	-1,043.20	-2,923.22	4,964.69	4,668.01	296.67	16.734		
16,400.00	7,254.24	7,252.24	7,252.24	265.05	251.45	92.02	-1,043.20	-2,923.22	5,064.43	4,767.77	296.67	17.071		
16,500.00	7,254.49	7,252.49	7,252.49	267.88	251.46	92.06	-1,043.20	-2,923.22	5,164.19	4,867.52	296.67	17.407		
16,600.00	7,254.74	7,252.74	7,252.74	270.72	251.47	92.10	-1,043.20	-2,923.22	5,263.96	4,967.28	296.67	17.743		
16,700.00	7,254.99	7,252.99	7,252.99	273.55	251.48	92.14	-1,043.20	-2,923.22	5,363.73	5,067.05	296.68	18.079		
16,800.00	7,255.24	7,253.24	7,253.24	276.38	251.49	92.18	-1,043.20	-2,923.22	5,463.51	5,166.82	296.69	18.415		
16,900.00	7,255.48	7,253.48	7,253.48	279.22	251.50	92.22	-1,043.20	-2,923.22	5,563.30	5,266.60	296.71	18.750		
17,000.00	7,255.73	7,253.73	7,253.73	282.05	251.50	92.26	-1,043.20	-2,923.22	5,663.10	5,366.38	296.73	19.085		
17,100.00	7,255.98	7,253.98	7,253.98	284.89	251.51	92.30	-1,043.20	-2,923.22	5,762.91	5,466.16	296.75	19.420		
17,200.00	7,256.23	7,254.23	7,254.23	287.73	251.52	92.34	-1,043.20	-2,923.22	5,862.72	5,565.95	296.77	19.755		
17,300.00	7,256.48	7,254.48	7,254.48	290.56	251.53	92.38	-1,043.20	-2,923.22	5,962.54	5,665.74	296.80	20.089		
17,400.00	7,256.73	7,254.73	7,254.73	293.40	251.54	92.42	-1,043.20	-2,923.22	6,062.36	5,765.53	296.83	20.423		
17,500.00	7,256.98	7,254.98	7,254.98	296.24	251.55	92.46	-1,043.20	-2,923.22	6,162.19	5,865.32	296.87	20.757		
17,600.00	7,257.22	7,255.22	7,255.22	299.07	251.56	92.50	-1,043.20	-2,923.22	6,262.03	5,965.12	296.90	21.091		
17,700.00	7,257.47	7,255.47	7,255.47	301.91	251.56	92.54	-1,043.20	-2,923.22	6,361.87	6,064.92	296.94	21.425		
17,800.00	7,257.72	7,255.72	7,255.72	304.75	251.57	92.58	-1,043.20	-2,923.22	6,461.71	6,164.73	296.99	21.758		
17,900.00	7,257.97	7,255.97	7,255.97	307.59	251.58	92.62	-1,043.20	-2,923.22	6,561.56	6,264.53	297.03	22.091		
18,000.00	7,258.22	7,256.22	7,256.22	310.43	251.59	92.66	-1,043.20	-2,923.22	6,661.41	6,364.34	297.08	22.423		
18,100.00	7,258.47	7,256.47	7,256.47	313.27	251.60	92.70	-1,043.20	-2,923.22	6,761.27	6,464.15	297.13	22.756		
18,200.00	7,258.72	7,256.72	7,256.72	316.11	251.61	92.74	-1,043.20	-2,923.22	6,861.14	6,563.96	297.18	23.088		
18,300.00	7,258.97	7,256.97	7,256.97	318.95	251.62	92.78	-1,043.20	-2,923.22	6,961.00	6,663.77	297.23	23.420		
18,400.00	7,259.21	7,257.21	7,257.21	321.79	251.63	92.82	-1,043.20	-2,923.22	7,060.87	6,763.59	297.28	23.751		
18,500.00	7,259.46	7,257.46	7,257.46	324.63	251.63	92.86	-1,043.20	-2,923.22	7,160.75	6,863.41	297.34	24.083		
18,600.00	7,259.71	7,257.71	7,257.71	327.48	251.64	92.90	-1,043.20	-2,923.22	7,260.62	6,963.22	297.40	24.414		
18,700.00	7,259.96	7,257.96	7,257.96	330.32	251.65	92.94	-1,043.20	-2,923.22	7,360.51	7,063.04	297.46	24.744		
18,800.00	7,260.21	7,258.21	7,258.21	333.16	251.66	92.98	-1,043.20	-2,923.22	7,460.39	7,162.87	297.52	25.075		
18,900.00	7,260.46	7,258.46	7,258.46	336.00	251.67	93.02	-1,043.20	-2,923.22	7,560.28	7,262.69	297.59	25.405		
19,000.00	7,260.71	7,258.71	7,258.71	338.85	251.68	93.06	-1,043.20	-2,923.22	7,660.17	7,362.51	297.65	25.735		
19,100.00	7,260.95	7,258.95	7,258.95	341.69	251.69	93.10	-1,043.20	-2,923.22	7,760.06	7,462.34	297.72	26.065		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>	Falken 9-11 PAD - MONTERA I #11-14(PR) - OH - OH											<b>Offset Site Error:</b>	0.00 ft
<b>Survey Program:</b>	100-2" Cone@2.448 Sigma											<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,118.22	7,261.00	7,259.00	7,259.00	342.21	251.69	93.10	-1,043.20	-2,923.22	7,778.26	7,480.52	297.74	26.125	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-176.87	-3,923.57	-214.45	3,929.49					
100.00	100.00	78.00	78.00	3.28	3.55	-176.87	-3,923.57	-214.45	3,929.43	3,922.59	6.84	574.809		
200.00	200.00	178.00	178.00	3.34	5.54	-176.87	-3,923.57	-214.45	3,929.43	3,920.55	8.88	442.498		
300.00	300.00	278.00	278.00	3.44	8.61	-176.87	-3,923.57	-214.45	3,929.43	3,917.37	12.05	325.993		
400.00	399.98	377.98	377.98	3.60	11.91	46.76	-3,923.57	-214.45	3,928.23	3,912.72	15.51	253.316		
500.00	499.84	477.84	477.84	3.79	15.29	46.87	-3,923.57	-214.45	3,924.65	3,905.57	19.08	205.682		
600.00	599.45	577.45	577.45	4.03	18.70	47.05	-3,923.57	-214.45	3,918.69	3,895.96	22.73	172.426		
700.00	698.70	676.70	676.70	4.30	22.12	47.31	-3,923.57	-214.45	3,910.37	3,883.95	26.42	148.024		
800.00	797.47	775.47	775.47	4.60	25.54	47.63	-3,923.57	-214.45	3,899.72	3,869.59	30.14	129.406		
900.00	895.62	873.62	873.62	4.94	28.94	48.03	-3,923.57	-214.45	3,886.78	3,852.91	33.87	114.753		
1,000.00	993.06	971.06	971.06	5.32	32.32	48.50	-3,923.57	-214.45	3,871.59	3,833.98	37.61	102.929		
1,100.00	1,089.64	1,067.64	1,067.64	5.73	35.68	49.05	-3,923.57	-214.45	3,854.20	3,812.84	41.36	93.187		
1,131.50	1,119.87	1,102.13	1,097.87	5.87	36.88	49.24	-3,923.57	-214.45	3,848.28	3,805.59	42.69	90.147		
1,200.00	1,185.51	1,163.51	1,163.51	6.18	39.01	49.46	-3,923.57	-214.45	3,835.20	3,790.09	45.11	85.024		
1,300.00	1,281.33	1,259.33	1,259.33	6.65	42.34	49.78	-3,923.57	-214.45	3,816.20	3,767.33	48.87	78.087		
1,400.00	1,377.14	1,355.14	1,355.14	7.13	45.68	50.10	-3,923.57	-214.45	3,797.32	3,744.67	52.65	72.121		
1,500.00	1,472.96	1,450.96	1,450.96	7.63	49.02	50.42	-3,923.57	-214.45	3,778.57	3,722.12	56.45	66.938		
1,600.00	1,568.78	1,546.78	1,546.78	8.14	52.36	50.75	-3,923.57	-214.45	3,759.93	3,699.68	60.26	62.398		
1,700.00	1,664.60	1,642.60	1,642.60	8.66	55.69	51.08	-3,923.57	-214.45	3,741.43	3,677.35	64.08	58.390		
1,800.00	1,760.41	1,738.41	1,738.41	9.19	59.03	51.42	-3,923.57	-214.45	3,723.05	3,655.15	67.90	54.827		
1,900.00	1,856.23	1,834.23	1,834.23	9.73	62.37	51.75	-3,923.57	-214.45	3,704.80	3,633.06	71.74	51.641		
2,000.00	1,952.05	1,930.05	1,930.05	10.27	65.71	52.09	-3,923.57	-214.45	3,686.69	3,611.10	75.58	48.776		
2,100.00	2,047.86	2,025.86	2,025.86	10.81	69.06	52.44	-3,923.57	-214.45	3,668.71	3,589.27	79.43	46.186		
2,200.00	2,143.68	2,121.68	2,121.68	11.36	72.40	52.78	-3,923.57	-214.45	3,650.86	3,567.57	83.29	43.834		
2,300.00	2,239.50	2,217.50	2,217.50	11.92	75.74	53.13	-3,923.57	-214.45	3,633.15	3,546.00	87.15	41.689		
2,400.00	2,335.32	2,313.32	2,313.32	12.47	79.08	53.49	-3,923.57	-214.45	3,615.58	3,524.57	91.01	39.726		
2,500.00	2,431.13	2,409.13	2,409.13	13.03	82.42	53.84	-3,923.57	-214.45	3,598.16	3,503.28	94.88	37.923		
2,600.00	2,526.95	2,504.95	2,504.95	13.59	85.77	54.20	-3,923.57	-214.45	3,580.87	3,482.12	98.75	36.261		
2,700.00	2,622.77	2,600.77	2,600.77	14.15	89.11	54.57	-3,923.57	-214.45	3,563.74	3,461.11	102.63	34.725		
2,800.00	2,718.59	2,703.41	2,696.59	14.72	92.69	54.93	-3,923.57	-214.45	3,546.75	3,440.00	106.74	33.226		
2,900.00	2,814.40	2,807.60	2,792.40	15.29	96.32	55.30	-3,923.57	-214.45	3,529.91	3,418.99	110.92	31.824		
3,000.00	2,910.22	2,888.22	2,888.22	15.85	99.14	55.67	-3,923.57	-214.45	3,513.22	3,398.95	114.27	30.744		
3,100.00	3,006.04	2,984.04	2,984.04	16.42	102.48	56.05	-3,923.57	-214.45	3,496.69	3,378.53	118.16	29.593		
3,200.00	3,101.85	3,079.85	3,079.85	16.99	105.82	56.43	-3,923.57	-214.45	3,480.32	3,358.27	122.05	28.515		
3,300.00	3,197.67	3,175.67	3,175.67	17.56	109.17	56.81	-3,923.57	-214.45	3,464.10	3,338.16	125.94	27.505		
3,400.00	3,293.49	3,271.49	3,271.49	18.14	112.51	57.20	-3,923.57	-214.45	3,448.05	3,318.21	129.84	26.556		
3,500.00	3,389.31	3,367.31	3,367.31	18.71	115.85	57.59	-3,923.57	-214.45	3,432.16	3,298.42	133.74	25.664		
3,600.00	3,485.12	3,463.12	3,463.12	19.28	119.20	57.98	-3,923.57	-214.45	3,416.43	3,278.80	137.64	24.822		
3,700.00	3,580.94	3,558.94	3,558.94	19.86	122.54	58.38	-3,923.57	-214.45	3,400.88	3,259.34	141.54	24.028		
3,800.00	3,676.76	3,654.76	3,654.76	20.43	125.89	58.78	-3,923.57	-214.45	3,385.49	3,240.05	145.44	23.277		
3,900.00	3,772.58	3,750.58	3,750.58	21.01	129.23	59.18	-3,923.57	-214.45	3,370.28	3,220.93	149.35	22.567		
4,000.00	3,868.39	3,846.39	3,846.39	21.58	132.57	59.59	-3,923.57	-214.45	3,355.24	3,201.99	153.25	21.893		
4,100.00	3,964.21	3,942.21	3,942.21	22.16	135.92	60.00	-3,923.57	-214.45	3,340.38	3,183.21	157.16	21.254		
4,200.00	4,060.03	4,038.03	4,038.03	22.74	139.26	60.41	-3,923.57	-214.45	3,325.70	3,164.62	161.08	20.647		
4,300.00	4,155.85	4,133.85	4,133.85	23.32	142.61	60.83	-3,923.57	-214.45	3,311.20	3,146.21	164.99	20.069		
4,400.00	4,251.66	4,229.66	4,229.66	23.89	145.95	61.25	-3,923.57	-214.45	3,296.89	3,127.98	168.91	19.519		
4,500.00	4,347.48	4,325.48	4,325.48	24.47	149.29	61.67	-3,923.57	-214.45	3,282.76	3,109.94	172.82	18.995		
4,600.00	4,443.30	4,421.30	4,421.30	25.05	152.64	62.10	-3,923.57	-214.45	3,268.82	3,092.08	176.74	18.495		
4,700.00	4,539.11	4,517.11	4,517.11	25.63	155.98	62.53	-3,923.57	-214.45	3,255.08	3,074.41	180.66	18.017		
4,800.00	4,634.93	4,612.93	4,612.93	26.21	159.33	62.96	-3,923.57	-214.45	3,241.53	3,056.94	184.59	17.561		
4,900.00	4,730.75	4,708.75	4,708.75	26.79	162.67	63.40	-3,923.57	-214.45	3,228.17	3,039.66	188.51	17.125		
5,000.00	4,826.57	4,804.57	4,804.57	27.37	166.01	63.84	-3,923.57	-214.45	3,215.02	3,022.58	192.44	16.707		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,900.38	4,900.38	27.95	169.36	64.29	-3,923.57	-214.45	3,202.06	3,005.70	196.36	16.307		
5,200.00	5,018.20	5,003.80	4,996.20	28.53	172.97	64.73	-3,923.57	-214.45	3,189.32	2,988.76	200.56	15.902		
5,300.00	5,114.02	5,107.98	5,092.02	29.11	176.60	65.19	-3,923.57	-214.45	3,176.77	2,971.99	204.78	15.513		
5,400.00	5,209.84	5,187.84	5,187.84	29.69	179.39	65.64	-3,923.57	-214.45	3,164.44	2,956.29	208.15	15.202		
5,500.00	5,305.65	5,283.65	5,283.65	30.27	182.74	66.10	-3,923.57	-214.45	3,152.32	2,940.23	212.09	14.863		
5,600.00	5,401.47	5,379.47	5,379.47	30.86	186.08	66.56	-3,923.57	-214.45	3,140.41	2,924.39	216.02	14.538		
5,700.00	5,497.29	5,475.29	5,475.29	31.44	189.43	67.02	-3,923.57	-214.45	3,128.72	2,908.76	219.96	14.224		
5,800.00	5,593.10	5,571.10	5,571.10	32.02	192.77	67.49	-3,923.57	-214.45	3,117.25	2,893.35	223.89	13.923		
5,900.00	5,688.92	5,666.92	5,666.92	32.60	196.11	67.96	-3,923.57	-214.45	3,106.00	2,878.17	227.83	13.633		
6,000.00	5,784.74	5,762.74	5,762.74	33.18	199.46	68.43	-3,923.57	-214.45	3,094.97	2,863.20	231.77	13.353		
6,100.00	5,880.56	5,858.56	5,858.56	33.76	202.80	68.91	-3,923.57	-214.45	3,084.17	2,848.46	235.71	13.084		
6,200.00	5,976.37	5,954.37	5,954.37	34.35	206.15	69.39	-3,923.57	-214.45	3,073.60	2,833.94	239.66	12.825		
6,300.00	6,072.19	6,050.19	6,050.19	34.93	209.49	69.87	-3,923.57	-214.45	3,063.26	2,819.66	243.60	12.575		
6,400.00	6,168.01	6,146.01	6,146.01	35.51	212.84	70.36	-3,923.57	-214.45	3,053.15	2,805.61	247.54	12.334		
6,500.00	6,263.83	6,241.83	6,241.83	36.09	216.18	70.84	-3,923.57	-214.45	3,043.28	2,791.79	251.49	12.101		
6,600.00	6,359.64	6,337.64	6,337.64	36.68	219.53	71.34	-3,923.57	-214.45	3,033.64	2,778.21	255.44	11.876		
6,700.00	6,455.46	6,433.46	6,433.46	37.26	222.87	71.83	-3,923.57	-214.45	3,024.25	2,764.86	259.38	11.659		
6,733.48	6,487.54	6,465.54	6,465.54	37.45	223.99	72.00	-3,923.57	-214.45	3,021.16	2,760.45	260.70	11.588		
6,750.00	6,503.41	6,481.41	6,481.41	37.55	224.54	68.05	-3,923.57	-214.45	3,019.54	2,758.18	261.36	11.553		
6,800.00	6,551.83	6,529.83	6,529.83	37.82	226.24	52.81	-3,923.57	-214.45	3,013.39	2,750.07	263.32	11.444		
6,850.00	6,600.62	6,578.62	6,578.62	38.05	227.94	32.93	-3,923.57	-214.45	3,005.38	2,740.13	265.25	11.330		
6,900.00	6,649.47	6,627.47	6,627.47	38.25	229.64	11.81	-3,923.57	-214.45	2,995.53	2,728.37	267.16	11.213		
6,950.00	6,698.08	6,676.08	6,676.08	38.42	231.34	-6.09	-3,923.57	-214.45	2,983.89	2,714.86	269.02	11.091		
7,000.00	6,746.15	6,724.15	6,724.15	38.57	233.02	-19.47	-3,923.57	-214.45	2,970.53	2,699.67	270.86	10.967		
7,050.00	6,793.39	6,771.39	6,771.39	38.71	234.67	-29.31	-3,923.57	-214.45	2,955.54	2,682.88	272.65	10.840		
7,100.00	6,839.50	6,817.50	6,817.50	38.84	236.28	-36.86	-3,923.57	-214.45	2,939.03	2,664.62	274.41	10.710		
7,150.00	6,884.20	6,862.20	6,862.20	38.97	237.84	-42.99	-3,923.57	-214.45	2,921.15	2,645.03	276.12	10.579		
7,200.00	6,927.21	6,905.21	6,905.21	39.11	239.34	-48.24	-3,923.57	-214.45	2,902.06	2,624.27	277.78	10.447		
7,250.00	6,968.28	6,946.28	6,946.28	39.25	240.77	-52.92	-3,923.57	-214.45	2,881.91	2,602.53	279.39	10.315		
7,300.00	7,007.13	6,985.13	6,985.13	39.41	242.13	-57.24	-3,923.57	-214.45	2,860.92	2,580.00	280.93	10.184		
7,350.00	7,043.55	7,021.55	7,021.55	39.58	243.40	-61.30	-3,923.57	-214.45	2,839.29	2,556.89	282.40	10.054		
7,400.00	7,077.29	7,055.29	7,055.29	39.77	244.58	-65.16	-3,923.57	-214.45	2,817.23	2,533.42	283.81	9.927		
7,450.00	7,108.16	7,086.16	7,086.16	39.98	245.65	-68.84	-3,923.57	-214.45	2,794.98	2,509.84	285.14	9.802		
7,500.00	7,135.96	7,113.96	7,113.96	40.22	246.63	-72.33	-3,923.57	-214.45	2,772.76	2,486.37	286.39	9.682		
7,550.00	7,160.53	7,138.53	7,138.53	40.49	247.48	-75.61	-3,923.57	-214.45	2,750.82	2,463.26	287.56	9.566		
7,600.00	7,181.70	7,159.70	7,159.70	40.79	248.22	-78.67	-3,923.57	-214.45	2,729.38	2,440.74	288.64	9.456		
7,650.00	7,199.35	7,177.35	7,177.35	41.13	248.84	-81.47	-3,923.57	-214.45	2,708.67	2,419.03	289.64	9.352		
7,700.00	7,213.38	7,208.63	7,208.63	41.51	249.93	-84.00	-3,923.57	-214.45	2,688.91	2,397.77	291.15	9.236		
7,750.00	7,223.68	7,201.68	7,201.68	41.93	249.69	-86.22	-3,923.57	-214.45	2,670.31	2,378.95	291.35	9.165		
7,800.00	7,230.21	7,208.21	7,208.21	42.38	249.92	-88.13	-3,923.57	-214.45	2,653.03	2,360.97	292.06	9.084		
7,850.00	7,232.92	7,210.92	7,210.92	42.87	250.01	-89.71	-3,923.57	-214.45	2,637.25	2,344.58	292.66	9.011		
7,858.69	7,233.00	7,211.00	7,211.00	42.95	250.01	-89.96	-3,923.57	-214.45	2,634.67	2,341.91	292.76	9.000		
7,900.00	7,233.10	7,211.10	7,211.10	43.38	250.02	-89.96	-3,923.57	-214.45	2,622.82	2,329.61	293.21	8.945		
8,000.00	7,233.35	7,211.35	7,211.35	44.56	250.02	-89.96	-3,923.57	-214.45	2,596.64	2,302.22	294.42	8.819		
8,100.00	7,233.60	7,211.60	7,211.60	45.91	250.03	-89.97	-3,923.57	-214.45	2,574.08	2,278.29	295.79	8.702		
8,200.00	7,233.85	7,211.85	7,211.85	47.41	250.04	-89.98	-3,923.57	-214.45	2,555.24	2,257.95	297.29	8.595		
8,300.00	7,234.10	7,212.10	7,212.10	49.05	250.05	-89.98	-3,923.57	-214.45	2,540.20	2,241.28	298.92	8.498		
8,400.00	7,234.35	7,212.35	7,212.35	50.81	250.06	-89.99	-3,923.57	-214.45	2,529.02	2,228.39	300.64	8.412		
8,500.00	7,234.59	7,212.59	7,212.59	52.68	250.07	-89.99	-3,923.57	-214.45	2,521.77	2,219.33	302.44	8.338		
8,600.00	7,234.84	7,212.84	7,212.84	54.65	250.08	-90.00	-3,923.57	-214.45	2,518.47	2,214.17	304.30	8.276		
8,633.23	7,234.93	7,212.93	7,212.93	55.33	250.08	-90.00	-3,923.57	-214.45	2,518.25	2,213.32	304.93	8.258 CC		
8,700.00	7,235.09	7,213.09	7,213.09	56.70	250.09	-90.00	-3,923.57	-214.45	2,519.13	2,212.94	306.19	8.227 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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.34	7,213.34	7,213.34	58.82	250.09	-90.01	-3,923.57	-214.45	2,523.76	2,215.67	308.10	8.191		
8,900.00	7,235.59	7,213.59	7,213.59	61.01	250.10	-90.02	-3,923.57	-214.45	2,532.34	2,222.34	310.00	8.169		
9,000.00	7,235.84	7,213.84	7,213.84	63.25	250.11	-90.02	-3,923.57	-214.45	2,544.81	2,232.93	311.88	8.160 SF		
9,100.00	7,236.09	7,214.09	7,214.09	65.55	250.12	-90.03	-3,923.57	-214.45	2,561.14	2,247.41	313.73	8.164		
9,200.00	7,236.34	7,214.34	7,214.34	67.89	250.13	-90.03	-3,923.57	-214.45	2,581.24	2,265.72	315.52	8.181		
9,300.00	7,236.58	7,214.58	7,214.58	70.27	250.14	-90.04	-3,923.57	-214.45	2,605.02	2,287.77	317.25	8.211		
9,400.00	7,236.83	7,214.83	7,214.83	72.69	250.15	-90.04	-3,923.57	-214.45	2,632.39	2,313.48	318.92	8.254		
9,500.00	7,237.08	7,215.08	7,215.08	75.14	250.15	-90.05	-3,923.57	-214.45	2,663.24	2,342.74	320.50	8.310		
9,600.00	7,237.33	7,215.33	7,215.33	77.62	250.16	-90.05	-3,923.57	-214.45	2,697.44	2,375.44	322.01	8.377		
9,700.00	7,237.58	7,215.58	7,215.58	80.12	250.17	-90.06	-3,923.57	-214.45	2,734.88	2,411.45	323.42	8.456		
9,800.00	7,237.83	7,215.83	7,215.83	82.65	250.18	-90.07	-3,923.57	-214.45	2,775.41	2,450.66	324.75	8.546		
9,900.00	7,238.08	7,216.08	7,216.08	85.20	250.19	-90.07	-3,923.57	-214.45	2,818.91	2,492.91	326.00	8.647		
10,000.00	7,238.32	7,216.32	7,216.32	87.77	250.20	-90.08	-3,923.57	-214.45	2,865.24	2,538.08	327.16	8.758		
10,100.00	7,238.57	7,216.57	7,216.57	90.36	250.21	-90.08	-3,923.57	-214.45	2,914.27	2,586.04	328.23	8.879		
10,200.00	7,238.82	7,216.82	7,216.82	92.97	250.22	-90.09	-3,923.57	-214.45	2,965.86	2,636.63	329.23	9.009		
10,300.00	7,239.07	7,217.07	7,217.07	95.59	250.22	-90.09	-3,923.57	-214.45	3,019.88	2,689.74	330.14	9.147		
10,400.00	7,239.32	7,217.32	7,217.32	98.22	250.23	-90.10	-3,923.57	-214.45	3,076.20	2,745.22	330.98	9.294		
10,500.00	7,239.57	7,217.57	7,217.57	100.87	250.24	-90.11	-3,923.57	-214.45	3,134.70	2,802.95	331.76	9.449		
10,600.00	7,239.82	7,217.82	7,217.82	103.52	250.25	-90.11	-3,923.57	-214.45	3,195.26	2,862.80	332.46	9.611		
10,700.00	7,240.07	7,218.07	7,218.07	106.19	250.26	-90.12	-3,923.57	-214.45	3,257.77	2,924.66	333.11	9.780		
10,800.00	7,240.31	7,218.31	7,218.31	108.87	250.27	-90.12	-3,923.57	-214.45	3,322.11	2,988.42	333.69	9.956		
10,900.00	7,240.56	7,218.56	7,218.56	111.56	250.28	-90.13	-3,923.57	-214.45	3,388.18	3,053.95	334.23	10.137		
11,000.00	7,240.81	7,218.81	7,218.81	114.25	250.29	-90.13	-3,923.57	-214.45	3,455.88	3,121.17	334.71	10.325		
11,100.00	7,241.06	7,219.06	7,219.06	116.96	250.29	-90.14	-3,923.57	-214.45	3,525.12	3,189.97	335.15	10.518		
11,200.00	7,241.31	7,219.31	7,219.31	119.67	250.30	-90.15	-3,923.57	-214.45	3,595.80	3,260.26	335.55	10.716		
11,300.00	7,241.56	7,219.56	7,219.56	122.39	250.31	-90.15	-3,923.57	-214.45	3,667.86	3,331.95	335.91	10.919		
11,400.00	7,241.81	7,219.81	7,219.81	125.11	250.32	-90.16	-3,923.57	-214.45	3,741.19	3,404.96	336.23	11.127		
11,500.00	7,242.06	7,220.06	7,220.06	127.84	250.33	-90.16	-3,923.57	-214.45	3,815.74	3,479.22	336.52	11.339		
11,600.00	7,242.30	7,220.30	7,220.30	130.58	250.34	-90.17	-3,923.57	-214.45	3,891.43	3,554.65	336.78	11.555		
11,700.00	7,242.55	7,220.55	7,220.55	133.32	250.35	-90.17	-3,923.57	-214.45	3,968.19	3,631.18	337.01	11.775		
11,800.00	7,242.80	7,220.80	7,220.80	136.07	250.35	-90.18	-3,923.57	-214.45	4,045.97	3,708.75	337.22	11.998		
11,900.00	7,243.05	7,221.05	7,221.05	138.82	250.36	-90.18	-3,923.57	-214.45	4,124.71	3,787.30	337.41	12.225		
12,000.00	7,243.30	7,221.30	7,221.30	141.58	250.37	-90.19	-3,923.57	-214.45	4,204.36	3,866.78	337.58	12.455		
12,100.00	7,243.55	7,221.55	7,221.55	144.34	250.38	-90.20	-3,923.57	-214.45	4,284.85	3,947.13	337.72	12.687		
12,200.00	7,243.80	7,221.80	7,221.80	147.10	250.39	-90.20	-3,923.57	-214.45	4,366.15	4,028.30	337.85	12.923		
12,300.00	7,244.04	7,222.04	7,222.04	149.87	250.40	-90.21	-3,923.57	-214.45	4,448.22	4,110.25	337.97	13.162		
12,400.00	7,244.29	7,222.29	7,222.29	152.64	250.41	-90.21	-3,923.57	-214.45	4,531.00	4,192.93	338.07	13.402		
12,500.00	7,244.54	7,222.54	7,222.54	155.41	250.42	-90.22	-3,923.57	-214.45	4,614.47	4,276.31	338.16	13.646		
12,600.00	7,244.79	7,222.79	7,222.79	158.19	250.42	-90.22	-3,923.57	-214.45	4,698.58	4,360.34	338.24	13.891		
12,700.00	7,245.04	7,223.04	7,223.04	160.97	250.43	-90.23	-3,923.57	-214.45	4,783.31	4,445.00	338.31	14.139		
12,800.00	7,245.29	7,223.29	7,223.29	163.75	250.44	-90.24	-3,923.57	-214.45	4,868.61	4,530.25	338.37	14.389		
12,900.00	7,245.54	7,223.54	7,223.54	166.54	250.45	-90.24	-3,923.57	-214.45	4,954.47	4,616.05	338.42	14.640		
13,000.00	7,245.79	7,223.79	7,223.79	169.33	250.46	-90.25	-3,923.57	-214.45	5,040.84	4,702.38	338.46	14.893		
13,100.00	7,246.03	7,224.03	7,224.03	172.12	250.47	-90.25	-3,923.57	-214.45	5,127.71	4,789.22	338.50	15.149		
13,200.00	7,246.28	7,224.28	7,224.28	174.91	250.48	-90.26	-3,923.57	-214.45	5,215.05	4,876.53	338.53	15.405		
13,300.00	7,246.53	7,224.53	7,224.53	177.71	250.48	-90.26	-3,923.57	-214.45	5,302.84	4,964.29	338.55	15.663		
13,400.00	7,246.78	7,224.78	7,224.78	180.50	250.49	-90.27	-3,923.57	-214.45	5,391.06	5,052.48	338.57	15.923		
13,500.00	7,247.03	7,225.03	7,225.03	183.30	250.50	-90.28	-3,923.57	-214.45	5,479.67	5,141.09	338.59	16.184		
13,600.00	7,247.28	7,225.28	7,225.28	186.10	250.51	-90.28	-3,923.57	-214.45	5,568.68	5,230.08	338.60	16.446		
13,700.00	7,247.53	7,225.53	7,225.53	188.91	250.52	-90.29	-3,923.57	-214.45	5,658.05	5,319.44	338.61	16.710		
13,800.00	7,247.77	7,225.77	7,225.77	191.71	250.53	-90.29	-3,923.57	-214.45	5,747.77	5,409.16	338.61	16.975		
13,900.00	7,248.02	7,226.02	7,226.02	194.52	250.54	-90.30	-3,923.57	-214.45	5,837.83	5,499.21	338.61	17.240		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	7,226.27	7,226.27	197.32	250.55	-90.30	-3,923.57	-214.45	5,928.20	5,589.59	338.61	17.507		
14,100.00	7,248.52	7,226.52	7,226.52	200.13	250.55	-90.31	-3,923.57	-214.45	6,018.88	5,680.27	338.61	17.775		
14,200.00	7,248.77	7,226.77	7,226.77	202.94	250.56	-90.31	-3,923.57	-214.45	6,109.85	5,771.24	338.61	18.044		
14,300.00	7,249.02	7,227.02	7,227.02	205.76	250.57	-90.32	-3,923.57	-214.45	6,201.10	5,862.49	338.60	18.314		
14,400.00	7,249.27	7,227.27	7,227.27	208.57	250.58	-90.33	-3,923.57	-214.45	6,292.61	5,954.01	338.60	18.584		
14,500.00	7,249.52	7,227.52	7,227.52	211.38	250.59	-90.33	-3,923.57	-214.45	6,384.38	6,045.79	338.59	18.856		
14,600.00	7,249.76	7,227.76	7,227.76	214.20	250.60	-90.34	-3,923.57	-214.45	6,476.39	6,137.81	338.58	19.128		
14,700.00	7,250.01	7,228.01	7,228.01	217.02	250.61	-90.34	-3,923.57	-214.45	6,568.64	6,230.06	338.57	19.401		
14,800.00	7,250.26	7,228.26	7,228.26	219.84	250.62	-90.35	-3,923.57	-214.45	6,661.11	6,322.54	338.56	19.675		
14,900.00	7,250.51	7,228.51	7,228.51	222.65	250.62	-90.35	-3,923.57	-214.45	6,753.79	6,415.24	338.55	19.949		
15,000.00	7,250.76	7,228.76	7,228.76	225.48	250.63	-90.36	-3,923.57	-214.45	6,846.68	6,508.14	338.54	20.224		
15,100.00	7,251.01	7,229.01	7,229.01	228.30	250.64	-90.37	-3,923.57	-214.45	6,939.77	6,601.24	338.53	20.500		
15,200.00	7,251.26	7,229.26	7,229.26	231.12	250.65	-90.37	-3,923.57	-214.45	7,033.04	6,694.52	338.52	20.776		
15,300.00	7,251.50	7,229.50	7,229.50	233.94	250.66	-90.38	-3,923.57	-214.45	7,126.50	6,787.99	338.51	21.053		
15,400.00	7,251.75	7,229.75	7,229.75	236.77	250.67	-90.38	-3,923.57	-214.45	7,220.14	6,881.64	338.50	21.330		
15,500.00	7,252.00	7,230.00	7,230.00	239.59	250.68	-90.39	-3,923.57	-214.45	7,313.94	6,975.45	338.49	21.608		
15,600.00	7,252.25	7,230.25	7,230.25	242.42	250.68	-90.39	-3,923.57	-214.45	7,407.91	7,069.43	338.48	21.886		
15,700.00	7,252.50	7,230.50	7,230.50	245.24	250.69	-90.40	-3,923.57	-214.45	7,502.03	7,163.56	338.47	22.165		
15,800.00	7,252.75	7,230.75	7,230.75	248.07	250.70	-90.41	-3,923.57	-214.45	7,596.30	7,257.84	338.46	22.444		
15,900.00	7,253.00	7,231.00	7,231.00	250.90	250.71	-90.41	-3,923.57	-214.45	7,690.72	7,352.27	338.45	22.723		
16,000.00	7,253.25	7,231.25	7,231.25	253.73	250.72	-90.42	-3,923.57	-214.45	7,785.27	7,446.83	338.44	23.003		
16,100.00	7,253.49	7,231.49	7,231.49	256.56	250.73	-90.42	-3,923.57	-214.45	7,879.96	7,541.53	338.43	23.284		
16,200.00	7,253.74	7,231.74	7,231.74	259.39	250.74	-90.43	-3,923.57	-214.45	7,974.78	7,636.36	338.43	23.564		
16,300.00	7,253.99	7,231.99	7,231.99	262.22	250.75	-90.43	-3,923.57	-214.45	8,069.73	7,731.31	338.42	23.845		
16,400.00	7,254.24	7,232.24	7,232.24	265.05	250.75	-90.44	-3,923.57	-214.45	8,164.79	7,826.38	338.41	24.127		
16,500.00	7,254.49	7,232.49	7,232.49	267.88	250.76	-90.45	-3,923.57	-214.45	8,259.98	7,921.57	338.41	24.408		
16,600.00	7,254.74	7,232.74	7,232.74	270.72	250.77	-90.45	-3,923.57	-214.45	8,355.27	8,016.87	338.40	24.690		
16,700.00	7,254.99	7,232.99	7,232.99	273.55	250.78	-90.46	-3,923.57	-214.45	8,450.67	8,112.27	338.40	24.973		
16,800.00	7,255.24	7,233.24	7,233.24	276.38	250.79	-90.46	-3,923.57	-214.45	8,546.18	8,207.79	338.40	25.255		
16,900.00	7,255.48	7,233.48	7,233.48	279.22	250.80	-90.47	-3,923.57	-214.45	8,641.79	8,303.40	338.39	25.538		
17,000.00	7,255.73	7,233.73	7,233.73	282.05	250.81	-90.47	-3,923.57	-214.45	8,737.50	8,399.11	338.39	25.821		
17,100.00	7,255.98	7,233.98	7,233.98	284.89	250.81	-90.48	-3,923.57	-214.45	8,833.30	8,494.91	338.39	26.104		
17,200.00	7,256.23	7,234.23	7,234.23	287.73	250.82	-90.48	-3,923.57	-214.45	8,929.20	8,590.81	338.39	26.387		
17,300.00	7,256.48	7,234.48	7,234.48	290.56	250.83	-90.49	-3,923.57	-214.45	9,025.18	8,686.79	338.39	26.671		
17,400.00	7,256.73	7,234.73	7,234.73	293.40	250.84	-90.50	-3,923.57	-214.45	9,121.25	8,782.86	338.39	26.955		
17,500.00	7,256.98	7,234.98	7,234.98	296.24	250.85	-90.50	-3,923.57	-214.45	9,217.41	8,879.01	338.39	27.239		
17,600.00	7,257.22	7,235.22	7,235.22	299.07	250.86	-90.51	-3,923.57	-214.45	9,313.64	8,975.25	338.40	27.523		
17,700.00	7,257.47	7,235.47	7,235.47	301.91	250.87	-90.51	-3,923.57	-214.45	9,409.96	9,071.56	338.40	27.807		
17,800.00	7,257.72	7,235.72	7,235.72	304.75	250.88	-90.52	-3,923.57	-214.45	9,506.35	9,167.94	338.41	28.092		
17,900.00	7,257.97	7,235.97	7,235.97	307.59	250.88	-90.52	-3,923.57	-214.45	9,602.81	9,264.40	338.41	28.376		
18,000.00	7,258.22	7,236.22	7,236.22	310.43	250.89	-90.53	-3,923.57	-214.45	9,699.35	9,360.93	338.42	28.661		
18,100.00	7,258.47	7,236.47	7,236.47	313.27	250.90	-90.54	-3,923.57	-214.45	9,795.95	9,457.53	338.42	28.946		
18,200.00	7,258.72	7,236.72	7,236.72	316.11	250.91	-90.54	-3,923.57	-214.45	9,892.62	9,554.19	338.43	29.231		
18,300.00	7,258.97	7,236.97	7,236.97	318.95	250.92	-90.55	-3,923.57	-214.45	9,989.36	9,650.92	338.44	29.516		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-70.60	1,544.31	-4,385.90	4,649.84					
100.00	100.00	140.00	140.00	3.28	4.54	-70.60	1,544.31	-4,385.90	4,649.84	4,642.01	7.83	594.098		
200.00	200.00	240.00	240.00	3.34	7.40	-70.60	1,544.31	-4,385.90	4,649.84	4,639.10	10.74	433.082		
300.00	300.00	340.00	340.00	3.44	10.64	-70.60	1,544.31	-4,385.90	4,649.84	4,635.75	14.09	330.082		
400.00	399.98	439.98	439.98	3.60	14.00	152.99	1,544.31	-4,385.90	4,651.39	4,633.79	17.60	264.275		
500.00	499.84	539.84	539.84	3.79	17.41	152.98	1,544.31	-4,385.90	4,656.05	4,634.85	21.20	219.608		
600.00	599.45	639.45	639.45	4.03	20.84	152.96	1,544.31	-4,385.90	4,663.82	4,638.96	24.86	187.589		
700.00	698.70	738.70	738.70	4.30	24.27	152.93	1,544.31	-4,385.90	4,674.69	4,646.13	28.56	163.676		
800.00	797.47	837.47	837.47	4.60	27.69	152.88	1,544.31	-4,385.90	4,688.66	4,656.37	32.28	145.235		
900.00	895.62	935.62	935.62	4.94	31.09	152.83	1,544.31	-4,385.90	4,705.70	4,669.68	36.02	130.645		
1,000.00	993.06	1,033.06	1,033.06	5.32	34.47	152.77	1,544.31	-4,385.90	4,725.81	4,686.06	39.76	118.862		
1,100.00	1,089.64	1,129.64	1,129.64	5.73	37.83	152.69	1,544.31	-4,385.90	4,748.98	4,705.49	43.50	109.184		
1,131.50	1,119.87	1,159.87	1,159.87	5.87	38.88	152.67	1,544.31	-4,385.90	4,756.91	4,712.24	44.67	106.481		
1,200.00	1,185.51	1,225.51	1,225.51	6.18	41.17	152.77	1,544.31	-4,385.90	4,774.49	4,727.26	47.23	101.096		
1,300.00	1,281.33	1,321.33	1,321.33	6.65	44.50	152.93	1,544.31	-4,385.90	4,800.17	4,749.20	50.97	94.181		
1,400.00	1,377.14	1,417.14	1,417.14	7.13	47.84	153.08	1,544.31	-4,385.90	4,825.89	4,771.17	54.72	88.188		
1,500.00	1,472.96	1,512.96	1,512.96	7.63	51.18	153.23	1,544.31	-4,385.90	4,851.64	4,793.15	58.49	82.948		
1,600.00	1,568.78	1,608.78	1,608.78	8.14	54.52	153.38	1,544.31	-4,385.90	4,877.43	4,815.16	62.27	78.329		
1,700.00	1,664.60	1,704.60	1,704.60	8.66	57.86	153.53	1,544.31	-4,385.90	4,903.24	4,837.19	66.05	74.230		
1,800.00	1,760.41	1,800.41	1,800.41	9.19	61.19	153.68	1,544.31	-4,385.90	4,929.09	4,859.24	69.85	70.569		
1,900.00	1,856.23	1,903.77	1,896.23	9.73	64.80	153.83	1,544.31	-4,385.90	4,954.96	4,881.05	73.91	67.041		
2,000.00	1,952.05	2,007.95	1,992.05	10.27	68.43	153.97	1,544.31	-4,385.90	4,980.87	4,902.86	78.01	63.853		
2,100.00	2,047.86	2,087.86	2,087.86	10.81	71.22	154.11	1,544.31	-4,385.90	5,006.80	4,925.55	81.26	61.615		
2,200.00	2,143.68	2,183.68	2,183.68	11.36	74.56	154.25	1,544.31	-4,385.90	5,032.77	4,947.70	85.07	59.159		
2,300.00	2,239.50	2,279.50	2,279.50	11.92	77.90	154.39	1,544.31	-4,385.90	5,058.76	4,969.88	88.89	56.913		
2,400.00	2,335.32	2,375.32	2,375.32	12.47	81.24	154.53	1,544.31	-4,385.90	5,084.79	4,992.08	92.70	54.850		
2,500.00	2,431.13	2,471.13	2,471.13	13.03	84.59	154.67	1,544.31	-4,385.90	5,110.83	5,014.31	96.52	52.949		
2,600.00	2,526.95	2,566.95	2,566.95	13.59	87.93	154.80	1,544.31	-4,385.90	5,136.91	5,036.56	100.35	51.192		
2,700.00	2,622.77	2,662.77	2,662.77	14.15	91.27	154.94	1,544.31	-4,385.90	5,163.02	5,058.84	104.17	49.563		
2,800.00	2,718.59	2,758.59	2,758.59	14.72	94.61	155.07	1,544.31	-4,385.90	5,189.15	5,081.15	108.00	48.049		
2,900.00	2,814.40	2,854.40	2,854.40	15.29	97.96	155.20	1,544.31	-4,385.90	5,215.30	5,103.48	111.82	46.639		
3,000.00	2,910.22	2,950.22	2,950.22	15.85	101.30	155.33	1,544.31	-4,385.90	5,241.48	5,125.83	115.65	45.322		
3,100.00	3,006.04	3,046.04	3,046.04	16.42	104.64	155.46	1,544.31	-4,385.90	5,267.69	5,148.21	119.48	44.089		
3,200.00	3,101.85	3,141.85	3,141.85	16.99	107.99	155.59	1,544.31	-4,385.90	5,293.92	5,170.61	123.31	42.932		
3,300.00	3,197.67	3,237.67	3,237.67	17.56	111.33	155.72	1,544.31	-4,385.90	5,320.18	5,193.04	127.14	41.845		
3,400.00	3,293.49	3,333.49	3,333.49	18.14	114.67	155.84	1,544.31	-4,385.90	5,346.46	5,215.49	130.97	40.821		
3,500.00	3,389.31	3,429.31	3,429.31	18.71	118.02	155.97	1,544.31	-4,385.90	5,372.77	5,237.96	134.80	39.856		
3,600.00	3,485.12	3,525.12	3,525.12	19.28	121.36	156.09	1,544.31	-4,385.90	5,399.10	5,260.46	138.64	38.944		
3,700.00	3,580.94	3,620.94	3,620.94	19.86	124.70	156.21	1,544.31	-4,385.90	5,425.45	5,282.98	142.47	38.081		
3,800.00	3,676.76	3,716.76	3,716.76	20.43	128.05	156.33	1,544.31	-4,385.90	5,451.82	5,305.52	146.30	37.264		
3,900.00	3,772.58	3,812.58	3,812.58	21.01	131.39	156.45	1,544.31	-4,385.90	5,478.22	5,328.08	150.14	36.488		
4,000.00	3,868.39	3,908.39	3,908.39	21.58	134.74	156.57	1,544.31	-4,385.90	5,504.64	5,350.67	153.97	35.751		
4,100.00	3,964.21	4,004.21	4,004.21	22.16	138.08	156.68	1,544.31	-4,385.90	5,531.08	5,373.28	157.81	35.050		
4,200.00	4,060.03	4,100.03	4,100.03	22.74	141.42	156.80	1,544.31	-4,385.90	5,557.54	5,395.90	161.64	34.382		
4,300.00	4,155.85	4,204.16	4,195.85	23.32	145.06	156.92	1,544.31	-4,385.90	5,584.03	5,418.26	165.77	33.686		
4,400.00	4,251.66	4,308.34	4,291.66	23.89	148.70	157.03	1,544.31	-4,385.90	5,610.53	5,440.64	169.89	33.024		
4,500.00	4,347.48	4,387.48	4,387.48	24.47	151.46	157.14	1,544.31	-4,385.90	5,637.06	5,463.91	173.15	32.557		
4,600.00	4,443.30	4,483.30	4,483.30	25.05	154.80	157.25	1,544.31	-4,385.90	5,663.61	5,486.62	176.98	32.001		
4,700.00	4,539.11	4,579.11	4,579.11	25.63	158.15	157.37	1,544.31	-4,385.90	5,690.17	5,509.36	180.82	31.469		
4,800.00	4,634.93	4,674.93	4,674.93	26.21	161.49	157.47	1,544.31	-4,385.90	5,716.76	5,532.11	184.65	30.959		
4,900.00	4,730.75	4,770.75	4,770.75	26.79	164.83	157.58	1,544.31	-4,385.90	5,743.36	5,554.88	188.49	30.470		
5,000.00	4,826.57	4,866.57	4,866.57	27.37	168.18	157.69	1,544.31	-4,385.90	5,769.99	5,577.66	192.33	30.001		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,962.38	4,962.38	27.95	171.52	157.80	1,544.31	-4,385.90	5,796.63	5,600.47	196.16	29.550		
5,200.00	5,018.20	5,058.20	5,058.20	28.53	174.87	157.90	1,544.31	-4,385.90	5,823.30	5,623.30	200.00	29.117		
5,300.00	5,114.02	5,154.02	5,154.02	29.11	178.21	158.01	1,544.31	-4,385.90	5,849.98	5,646.14	203.83	28.700		
5,400.00	5,209.84	5,249.84	5,249.84	29.69	181.56	158.11	1,544.31	-4,385.90	5,876.68	5,669.01	207.67	28.298		
5,500.00	5,305.65	5,345.65	5,345.65	30.27	184.90	158.22	1,544.31	-4,385.90	5,903.40	5,691.89	211.51	27.911		
5,600.00	5,401.47	5,441.47	5,441.47	30.86	188.25	158.32	1,544.31	-4,385.90	5,930.13	5,714.79	215.34	27.538		
5,700.00	5,497.29	5,537.29	5,537.29	31.44	191.59	158.42	1,544.31	-4,385.90	5,956.88	5,737.70	219.18	27.178		
5,800.00	5,593.10	5,633.10	5,633.10	32.02	194.93	158.52	1,544.31	-4,385.90	5,983.65	5,760.64	223.02	26.831		
5,900.00	5,688.92	5,728.92	5,728.92	32.60	198.28	158.62	1,544.31	-4,385.90	6,010.44	5,783.59	226.85	26.495		
6,000.00	5,784.74	5,824.74	5,824.74	33.18	201.62	158.72	1,544.31	-4,385.90	6,037.24	5,806.55	230.69	26.170		
6,100.00	5,880.56	5,920.56	5,920.56	33.76	204.97	158.81	1,544.31	-4,385.90	6,064.06	5,829.54	234.53	25.857		
6,200.00	5,976.37	6,016.37	6,016.37	34.35	208.31	158.91	1,544.31	-4,385.90	6,090.90	5,852.54	238.36	25.553		
6,300.00	6,072.19	6,112.19	6,112.19	34.93	211.66	159.01	1,544.31	-4,385.90	6,117.75	5,875.55	242.20	25.259		
6,400.00	6,168.01	6,208.01	6,208.01	35.51	215.00	159.10	1,544.31	-4,385.90	6,144.62	5,898.59	246.04	24.974		
6,500.00	6,263.83	6,303.83	6,303.83	36.09	218.35	159.20	1,544.31	-4,385.90	6,171.51	5,921.64	249.87	24.699		
6,600.00	6,359.64	6,400.36	6,399.64	36.68	221.72	159.29	1,544.31	-4,385.90	6,198.41	5,944.67	253.73	24.429		
6,700.00	6,455.46	6,504.54	6,495.46	37.26	225.35	159.38	1,544.31	-4,385.90	6,225.32	5,967.46	257.86	24.142		
6,733.48	6,487.54	6,527.54	6,527.54	37.45	226.16	159.41	1,544.31	-4,385.90	6,234.34	5,975.51	258.83	24.087		
6,750.00	6,503.41	6,543.41	6,543.41	37.55	226.71	155.35	1,544.31	-4,385.90	6,238.60	5,979.14	259.46	24.044		
6,800.00	6,551.83	6,608.17	6,591.83	37.82	228.97	140.02	1,544.31	-4,385.90	6,249.24	5,987.28	261.96	23.855		
6,850.00	6,600.62	6,640.62	6,640.62	38.05	230.10	120.42	1,544.31	-4,385.90	6,256.43	5,993.11	263.32	23.760		
6,900.00	6,649.47	6,689.47	6,689.47	38.25	231.81	99.96	1,544.31	-4,385.90	6,260.12	5,994.89	265.23	23.602		
6,950.00	6,698.08	6,738.08	6,738.08	38.42	233.50	83.11	1,544.31	-4,385.90	6,260.32	5,993.20	267.12	23.437		
7,000.00	6,746.15	6,786.15	6,786.15	38.57	235.18	71.16	1,544.31	-4,385.90	6,257.01	5,988.06	268.95	23.265		
7,050.00	6,793.39	6,833.39	6,833.39	38.71	236.83	63.13	1,544.31	-4,385.90	6,250.24	5,979.51	270.73	23.087		
7,100.00	6,839.50	6,879.50	6,879.50	38.84	238.44	57.80	1,544.31	-4,385.90	6,240.06	5,967.61	272.45	22.904		
7,150.00	6,884.20	6,924.20	6,924.20	38.97	240.00	54.29	1,544.31	-4,385.90	6,226.54	5,952.45	274.09	22.717		
7,200.00	6,927.21	6,967.21	6,967.21	39.11	241.50	52.07	1,544.31	-4,385.90	6,209.78	5,934.12	275.65	22.527		
7,250.00	6,968.28	7,008.28	7,008.28	39.25	242.94	50.81	1,544.31	-4,385.90	6,189.89	5,912.75	277.13	22.336		
7,300.00	7,007.13	7,047.13	7,047.13	39.41	244.29	50.33	1,544.31	-4,385.90	6,167.00	5,888.48	278.52	22.142		
7,350.00	7,043.55	7,083.55	7,083.55	39.58	245.56	50.51	1,544.31	-4,385.90	6,141.28	5,861.47	279.81	21.948		
7,400.00	7,077.29	7,117.29	7,117.29	39.77	246.74	51.30	1,544.31	-4,385.90	6,112.88	5,831.88	281.00	21.754		
7,450.00	7,108.16	7,148.16	7,148.16	39.98	247.82	52.67	1,544.31	-4,385.90	6,082.00	5,799.91	282.09	21.561		
7,500.00	7,135.96	7,175.96	7,175.96	40.22	248.79	54.65	1,544.31	-4,385.90	6,048.83	5,765.75	283.07	21.368		
7,550.00	7,160.53	7,200.53	7,200.53	40.49	249.65	57.26	1,544.31	-4,385.90	6,013.58	5,729.63	283.95	21.178		
7,600.00	7,181.70	7,221.70	7,221.70	40.79	250.39	60.55	1,544.31	-4,385.90	5,976.49	5,691.76	284.73	20.990		
7,650.00	7,199.35	7,239.35	7,239.35	41.13	251.00	64.58	1,544.31	-4,385.90	5,937.77	5,652.37	285.40	20.805		
7,700.00	7,213.38	7,253.38	7,253.38	41.51	251.49	69.40	1,544.31	-4,385.90	5,897.68	5,611.72	285.96	20.624		
7,750.00	7,223.68	7,263.68	7,263.68	41.93	251.85	75.02	1,544.31	-4,385.90	5,856.46	5,570.04	286.42	20.447		
7,800.00	7,230.21	7,270.21	7,270.21	42.38	252.08	81.42	1,544.31	-4,385.90	5,814.36	5,527.59	286.76	20.276		
7,850.00	7,232.92	7,272.92	7,272.92	42.87	252.17	88.48	1,544.31	-4,385.90	5,771.64	5,484.63	287.00	20.110		
7,858.69	7,233.00	7,273.00	7,273.00	42.95	252.18	89.76	1,544.31	-4,385.90	5,764.17	5,477.13	287.04	20.082		
7,900.00	7,233.10	7,273.10	7,273.10	43.38	252.18	89.76	1,544.31	-4,385.90	5,728.68	5,441.50	287.18	19.948		
8,000.00	7,233.35	7,273.35	7,273.35	44.56	252.19	89.77	1,544.31	-4,385.90	5,643.09	5,355.51	287.58	19.622		
8,100.00	7,233.60	7,273.60	7,273.60	45.91	252.20	89.77	1,544.31	-4,385.90	5,557.99	5,269.91	288.08	19.293		
8,200.00	7,233.85	7,273.85	7,273.85	47.41	252.21	89.78	1,544.31	-4,385.90	5,473.39	5,184.72	288.67	18.961		
8,300.00	7,234.10	7,274.10	7,274.10	49.05	252.22	89.78	1,544.31	-4,385.90	5,389.32	5,099.97	289.35	18.625		
8,400.00	7,234.35	7,274.35	7,274.35	50.81	252.22	89.79	1,544.31	-4,385.90	5,305.80	5,015.66	290.14	18.287		
8,500.00	7,234.59	7,274.59	7,274.59	52.68	252.23	89.79	1,544.31	-4,385.90	5,222.86	4,931.83	291.03	17.946		
8,600.00	7,234.84	7,274.84	7,274.84	54.65	252.24	89.80	1,544.31	-4,385.90	5,140.53	4,848.51	292.02	17.603		
8,700.00	7,235.09	7,275.09	7,275.09	56.70	252.25	89.80	1,544.31	-4,385.90	5,058.83	4,765.71	293.12	17.259		
8,800.00	7,235.34	7,275.34	7,275.34	58.82	252.26	89.81	1,544.31	-4,385.90	4,977.80	4,683.47	294.33	16.912		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.59	7,275.59	7,275.59	61.01	252.27	89.81	1,544.31	-4,385.90	4,897.48	4,601.82	295.65	16.565		
9,000.00	7,235.84	7,275.84	7,275.84	63.25	252.28	89.82	1,544.31	-4,385.90	4,817.89	4,520.80	297.09	16.217		
9,100.00	7,236.09	7,276.09	7,276.09	65.55	252.28	89.82	1,544.31	-4,385.90	4,739.07	4,440.43	298.64	15.869		
9,200.00	7,236.34	7,276.34	7,276.34	67.89	252.29	89.82	1,544.31	-4,385.90	4,661.07	4,360.77	300.30	15.522		
9,300.00	7,236.58	7,276.58	7,276.58	70.27	252.30	89.83	1,544.31	-4,385.90	4,583.92	4,281.84	302.07	15.175		
9,400.00	7,236.83	7,276.83	7,276.83	72.69	252.31	89.83	1,544.31	-4,385.90	4,507.66	4,203.70	303.97	14.830		
9,500.00	7,237.08	7,277.08	7,277.08	75.14	252.32	89.84	1,544.31	-4,385.90	4,432.36	4,126.38	305.97	14.486		
9,600.00	7,237.33	7,277.33	7,277.33	77.62	252.33	89.84	1,544.31	-4,385.90	4,358.04	4,049.95	308.10	14.145		
9,700.00	7,237.58	7,277.58	7,277.58	80.12	252.34	89.85	1,544.31	-4,385.90	4,284.77	3,974.44	310.33	13.807		
9,800.00	7,237.83	7,277.83	7,277.83	82.65	252.35	89.85	1,544.31	-4,385.90	4,212.61	3,899.92	312.69	13.472		
9,900.00	7,238.08	7,278.08	7,278.08	85.20	252.35	89.86	1,544.31	-4,385.90	4,141.59	3,826.44	315.16	13.141		
10,000.00	7,238.32	7,278.32	7,278.32	87.77	252.36	89.86	1,544.31	-4,385.90	4,071.80	3,754.06	317.74	12.815		
10,100.00	7,238.57	7,278.57	7,278.57	90.36	252.37	89.87	1,544.31	-4,385.90	4,003.29	3,682.85	320.44	12.493		
10,200.00	7,238.82	7,278.82	7,278.82	92.97	252.38	89.87	1,544.31	-4,385.90	3,936.12	3,612.87	323.25	12.177		
10,300.00	7,239.07	7,279.07	7,279.07	95.59	252.39	89.88	1,544.31	-4,385.90	3,870.37	3,544.20	326.17	11.866		
10,400.00	7,239.32	7,279.32	7,279.32	98.22	252.40	89.88	1,544.31	-4,385.90	3,806.12	3,476.91	329.20	11.562		
10,500.00	7,239.57	7,279.57	7,279.57	100.87	252.41	89.89	1,544.31	-4,385.90	3,743.43	3,411.09	332.34	11.264		
10,600.00	7,239.82	7,279.82	7,279.82	103.52	252.41	89.89	1,544.31	-4,385.90	3,682.40	3,346.81	335.59	10.973		
10,700.00	7,240.07	7,280.07	7,280.07	106.19	252.42	89.90	1,544.31	-4,385.90	3,623.09	3,284.16	338.93	10.690		
10,800.00	7,240.31	7,280.31	7,280.31	108.87	252.43	89.90	1,544.31	-4,385.90	3,565.61	3,223.23	342.37	10.414		
10,900.00	7,240.56	7,280.56	7,280.56	111.56	252.44	89.91	1,544.31	-4,385.90	3,510.03	3,164.12	345.91	10.147		
11,000.00	7,240.81	7,280.81	7,280.81	114.25	252.45	89.91	1,544.31	-4,385.90	3,456.45	3,106.92	349.53	9.889		
11,100.00	7,241.06	7,281.06	7,281.06	116.96	252.46	89.92	1,544.31	-4,385.90	3,404.97	3,051.74	353.22	9.640		
11,200.00	7,241.31	7,281.31	7,281.31	119.67	252.47	89.92	1,544.31	-4,385.90	3,355.67	2,998.68	356.99	9.400		
11,300.00	7,241.56	7,281.56	7,281.56	122.39	252.48	89.93	1,544.31	-4,385.90	3,308.67	2,947.85	360.82	9.170		
11,400.00	7,241.81	7,281.81	7,281.81	125.11	252.48	89.93	1,544.31	-4,385.90	3,264.05	2,899.35	364.70	8.950		
11,500.00	7,242.06	7,282.06	7,282.06	127.84	252.49	89.94	1,544.31	-4,385.90	3,221.92	2,853.30	368.62	8.741		
11,600.00	7,242.30	7,282.30	7,282.30	130.58	252.50	89.94	1,544.31	-4,385.90	3,182.38	2,809.81	372.57	8.542		
11,700.00	7,242.55	7,282.55	7,282.55	133.32	252.51	89.95	1,544.31	-4,385.90	3,145.52	2,768.99	376.53	8.354		
11,800.00	7,242.80	7,282.80	7,282.80	136.07	252.52	89.95	1,544.31	-4,385.90	3,111.44	2,730.95	380.49	8.178		
11,900.00	7,243.05	7,283.05	7,283.05	138.82	252.53	89.96	1,544.31	-4,385.90	3,080.23	2,695.80	384.43	8.013		
12,000.00	7,243.30	7,283.30	7,283.30	141.58	252.54	89.96	1,544.31	-4,385.90	3,051.97	2,663.64	388.33	7.859		
12,100.00	7,243.55	7,283.55	7,283.55	144.34	252.54	89.97	1,544.31	-4,385.90	3,026.76	2,634.57	392.19	7.718		
12,200.00	7,243.80	7,283.80	7,283.80	147.10	252.55	89.97	1,544.31	-4,385.90	3,004.67	2,608.69	395.98	7.588		
12,300.00	7,244.04	7,284.04	7,284.04	149.87	252.56	89.97	1,544.31	-4,385.90	2,985.76	2,586.09	399.68	7.470		
12,400.00	7,244.29	7,284.29	7,284.29	152.64	252.57	89.98	1,544.31	-4,385.90	2,970.11	2,566.83	403.27	7.365		
12,500.00	7,244.54	7,284.54	7,284.54	155.41	252.58	89.98	1,544.31	-4,385.90	2,957.75	2,551.00	406.75	7.272		
12,600.00	7,244.79	7,284.79	7,284.79	158.19	252.59	89.99	1,544.31	-4,385.90	2,948.73	2,538.64	410.09	7.190		
12,700.00	7,245.04	7,285.04	7,285.04	160.97	252.60	89.99	1,544.31	-4,385.90	2,943.09	2,529.81	413.28	7.121		
12,800.00	7,245.29	7,285.29	7,285.29	163.75	252.61	90.00	1,544.31	-4,385.90	2,940.84	2,524.54	416.30	7.064		
12,816.26	7,245.33	7,285.33	7,285.33	164.21	252.61	90.00	1,544.31	-4,385.90	2,940.79	2,524.01	416.78	7.056 CC		
12,900.00	7,245.54	7,285.54	7,285.54	166.54	252.61	90.00	1,544.31	-4,385.90	2,941.98	2,522.84	419.15	7.019 ES		
13,000.00	7,245.79	7,285.79	7,285.79	169.33	252.62	90.01	1,544.31	-4,385.90	2,946.53	2,524.72	421.81	6.985		
13,100.00	7,246.03	7,286.03	7,286.03	172.12	252.63	90.01	1,544.31	-4,385.90	2,954.45	2,530.17	424.27	6.964		
13,200.00	7,246.28	7,286.28	7,286.28	174.91	252.64	90.02	1,544.31	-4,385.90	2,965.72	2,539.18	426.54	6.953 SF		
13,300.00	7,246.53	7,286.53	7,286.53	177.71	252.65	90.02	1,544.31	-4,385.90	2,980.31	2,551.71	428.60	6.954		
13,400.00	7,246.78	7,286.78	7,286.78	180.50	252.66	90.03	1,544.31	-4,385.90	2,998.17	2,567.71	430.46	6.965		
13,500.00	7,247.03	7,287.03	7,287.03	183.30	252.67	90.03	1,544.31	-4,385.90	3,019.23	2,587.12	432.11	6.987		
13,600.00	7,247.28	7,287.28	7,287.28	186.10	252.68	90.04	1,544.31	-4,385.90	3,043.44	2,609.88	433.56	7.020		
13,700.00	7,247.53	7,287.53	7,287.53	188.91	252.68	90.04	1,544.31	-4,385.90	3,070.71	2,635.90	434.81	7.062		
13,800.00	7,247.77	7,287.77	7,287.77	191.71	252.69	90.05	1,544.31	-4,385.90	3,100.97	2,665.09	435.87	7.114		
13,900.00	7,248.02	7,288.02	7,288.02	194.52	252.70	90.05	1,544.31	-4,385.90	3,134.12	2,697.37	436.75	7.176		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	7,288.27	7,288.27	197.32	252.71	90.06	1,544.31	-4,385.90	3,170.09	2,732.64	437.46	7.247		
14,100.00	7,248.52	7,288.52	7,288.52	200.13	252.72	90.06	1,544.31	-4,385.90	3,208.77	2,770.78	437.99	7.326		
14,200.00	7,248.77	7,288.77	7,288.77	202.94	252.73	90.07	1,544.31	-4,385.90	3,250.07	2,811.70	438.37	7.414		
14,300.00	7,249.02	7,289.02	7,289.02	205.76	252.74	90.07	1,544.31	-4,385.90	3,293.89	2,855.28	438.61	7.510		
14,400.00	7,249.27	7,289.27	7,289.27	208.57	252.74	90.08	1,544.31	-4,385.90	3,340.13	2,901.42	438.71	7.614		
14,500.00	7,249.52	7,289.52	7,289.52	211.38	252.75	90.08	1,544.31	-4,385.90	3,388.69	2,950.01	438.68	7.725		
14,600.00	7,249.76	7,289.76	7,289.76	214.20	252.76	90.09	1,544.31	-4,385.90	3,439.47	3,000.93	438.54	7.843		
14,700.00	7,250.01	7,309.99	7,290.01	217.02	253.47	90.09	1,544.31	-4,385.90	3,492.38	3,053.38	439.00	7.955		
14,800.00	7,250.26	7,309.74	7,290.26	219.84	253.46	90.10	1,544.31	-4,385.90	3,547.32	3,108.67	438.65	8.087		
14,900.00	7,250.51	7,309.49	7,290.51	222.65	253.45	90.10	1,544.31	-4,385.90	3,604.19	3,165.98	438.21	8.225		
15,000.00	7,250.76	7,309.24	7,290.76	225.48	253.44	90.11	1,544.31	-4,385.90	3,662.91	3,225.22	437.70	8.369		
15,100.00	7,251.01	7,308.99	7,291.01	228.30	253.43	90.11	1,544.31	-4,385.90	3,723.40	3,286.28	437.12	8.518		
15,200.00	7,251.26	7,308.74	7,291.26	231.12	253.42	90.12	1,544.31	-4,385.90	3,785.55	3,349.08	436.48	8.673		
15,300.00	7,251.50	7,308.50	7,291.50	233.94	253.42	90.12	1,544.31	-4,385.90	3,849.31	3,413.52	435.79	8.833		
15,400.00	7,251.75	7,308.25	7,291.75	236.77	253.41	90.13	1,544.31	-4,385.90	3,914.58	3,479.52	435.05	8.998		
15,500.00	7,252.00	7,308.00	7,292.00	239.59	253.40	90.13	1,544.31	-4,385.90	3,981.29	3,547.01	434.28	9.168		
15,600.00	7,252.25	7,307.75	7,292.25	242.42	253.39	90.13	1,544.31	-4,385.90	4,049.37	3,615.89	433.48	9.342		
15,700.00	7,252.50	7,307.50	7,292.50	245.24	253.38	90.14	1,544.31	-4,385.90	4,118.76	3,686.11	432.65	9.520		
15,800.00	7,252.75	7,307.25	7,292.75	248.07	253.37	90.14	1,544.31	-4,385.90	4,189.38	3,757.59	431.79	9.702		
15,900.00	7,253.00	7,307.00	7,293.00	250.90	253.36	90.15	1,544.31	-4,385.90	4,261.18	3,830.26	430.92	9.889		
16,000.00	7,253.25	7,306.75	7,293.25	253.73	253.36	90.15	1,544.31	-4,385.90	4,334.09	3,904.06	430.04	10.078		
16,100.00	7,253.49	7,306.51	7,293.49	256.56	253.35	90.16	1,544.31	-4,385.90	4,408.07	3,978.93	429.14	10.272		
16,200.00	7,253.74	7,306.26	7,293.74	259.39	253.34	90.16	1,544.31	-4,385.90	4,483.06	4,054.83	428.24	10.469		
16,300.00	7,253.99	7,306.01	7,293.99	262.22	253.33	90.17	1,544.31	-4,385.90	4,559.01	4,131.68	427.33	10.669		
16,400.00	7,254.24	7,305.76	7,294.24	265.05	253.32	90.17	1,544.31	-4,385.90	4,635.88	4,209.45	426.42	10.872		
16,500.00	7,254.49	7,305.51	7,294.49	267.88	253.31	90.18	1,544.31	-4,385.90	4,713.61	4,288.09	425.51	11.077		
16,600.00	7,254.74	7,305.26	7,294.74	270.72	253.30	90.18	1,544.31	-4,385.90	4,792.16	4,367.56	424.61	11.286		
16,700.00	7,254.99	7,305.01	7,294.99	273.55	253.29	90.19	1,544.31	-4,385.90	4,871.51	4,447.80	423.71	11.497		
16,800.00	7,255.24	7,304.77	7,295.24	276.38	253.29	90.19	1,544.31	-4,385.90	4,951.60	4,528.79	422.81	11.711		
16,900.00	7,255.48	7,304.52	7,295.48	279.22	253.28	90.20	1,544.31	-4,385.90	5,032.40	4,610.48	421.92	11.927		
17,000.00	7,255.73	7,304.27	7,295.73	282.05	253.27	90.20	1,544.31	-4,385.90	5,113.88	4,692.85	421.04	12.146		
17,100.00	7,255.98	7,304.02	7,295.98	284.89	253.26	90.21	1,544.31	-4,385.90	5,196.01	4,775.85	420.17	12.367		
17,200.00	7,256.23	7,303.77	7,296.23	287.73	253.25	90.21	1,544.31	-4,385.90	5,278.76	4,859.46	419.30	12.589		
17,300.00	7,256.48	7,303.52	7,296.48	290.56	253.24	90.22	1,544.31	-4,385.90	5,362.09	4,943.64	418.45	12.814		
17,400.00	7,256.73	7,303.27	7,296.73	293.40	253.23	90.22	1,544.31	-4,385.90	5,445.99	5,028.38	417.61	13.041		
17,500.00	7,256.98	7,303.02	7,296.98	296.24	253.22	90.23	1,544.31	-4,385.90	5,530.42	5,113.64	416.78	13.269		
17,600.00	7,257.22	7,302.78	7,297.22	299.07	253.22	90.23	1,544.31	-4,385.90	5,615.36	5,199.40	415.96	13.500		
17,700.00	7,257.47	7,302.53	7,297.47	301.91	253.21	90.24	1,544.31	-4,385.90	5,700.79	5,285.63	415.16	13.732		
17,800.00	7,257.72	7,302.28	7,297.72	304.75	253.20	90.24	1,544.31	-4,385.90	5,786.69	5,372.32	414.36	13.965		
17,900.00	7,257.97	7,302.03	7,297.97	307.59	253.19	90.25	1,544.31	-4,385.90	5,873.03	5,459.45	413.58	14.200		
18,000.00	7,258.22	7,301.78	7,298.22	310.43	253.18	90.25	1,544.31	-4,385.90	5,959.80	5,546.98	412.82	14.437		
18,100.00	7,258.47	7,301.53	7,298.47	313.27	253.17	90.26	1,544.31	-4,385.90	6,046.98	5,634.92	412.06	14.675		
18,200.00	7,258.72	7,301.28	7,298.72	316.11	253.16	90.26	1,544.31	-4,385.90	6,134.55	5,723.23	411.32	14.914		
18,300.00	7,258.97	7,301.03	7,298.97	318.95	253.16	90.27	1,544.31	-4,385.90	6,222.50	5,811.90	410.60	15.155		
18,400.00	7,259.21	7,300.79	7,299.21	321.79	253.15	90.27	1,544.31	-4,385.90	6,310.80	5,900.92	409.88	15.397		
18,500.00	7,259.46	7,300.54	7,299.46	324.63	253.14	90.28	1,544.31	-4,385.90	6,399.45	5,990.27	409.18	15.640		
18,600.00	7,259.71	7,300.29	7,299.71	327.48	253.13	90.28	1,544.31	-4,385.90	6,488.43	6,079.93	408.49	15.884		
18,700.00	7,259.96	7,300.04	7,299.96	330.32	253.12	90.29	1,544.31	-4,385.90	6,577.72	6,169.91	407.82	16.129		
18,800.00	7,260.21	7,300.21	7,300.21	333.16	253.13	90.29	1,544.31	-4,385.90	6,667.32	6,260.15	407.17	16.375		
18,900.00	7,260.46	7,300.46	7,300.46	336.00	253.14	90.29	1,544.31	-4,385.90	6,757.21	6,350.68	406.53	16.622		
19,000.00	7,260.71	7,300.71	7,300.71	338.85	253.14	90.30	1,544.31	-4,385.90	6,847.38	6,441.47	405.91	16.869		
19,100.00	7,260.95	7,300.95	7,300.95	341.69	253.15	90.30	1,544.31	-4,385.90	6,937.82	6,532.52	405.30	17.118		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>	Falken 9-11 PAD - OPAL #1(PA) - OH - OH											<b>Offset Site Error:</b>	0.00 ft
<b>Survey Program:</b>	100-2" Cone@2.448 Sigma											<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
19,118.22	7,261.00	7,301.00	7,301.00	342.21	253.15	90.31	1,544.31	-4,385.90	6,954.33	6,549.13	405.19	17.163	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	164.16	-3,601.51	1,021.88	3,743.68					
100.00	100.00	78.88	78.88	3.28	3.28	164.17	-3,601.76	1,021.56	3,743.86	3,737.29	6.57	569.898		
200.00	200.00	168.85	168.85	3.34	3.32	164.18	-3,602.50	1,020.82	3,744.42	3,737.76	6.66	562.343		
300.00	300.00	291.70	291.69	3.44	3.44	164.19	-3,603.18	1,020.58	3,744.93	3,738.04	6.89	543.730		
400.00	399.98	384.93	384.92	3.60	3.58	27.81	-3,603.24	1,020.76	3,743.50	3,736.32	7.18	521.411		
500.00	499.84	491.73	491.72	3.79	3.79	27.88	-3,603.34	1,021.12	3,739.06	3,731.48	7.58	493.258		
600.00	599.45	585.34	585.33	4.03	4.01	28.01	-3,603.33	1,021.56	3,731.47	3,723.44	8.03	464.563		
700.00	698.70	688.16	688.15	4.30	4.28	28.20	-3,603.45	1,021.88	3,720.90	3,712.32	8.57	433.935		
800.00	797.47	795.39	795.37	4.60	4.59	28.45	-3,603.35	1,022.28	3,707.10	3,697.91	9.19	403.475		
900.00	895.62	901.84	901.83	4.94	4.92	28.76	-3,602.99	1,022.69	3,690.06	3,680.21	9.85	374.772		
1,000.00	993.06	985.89	985.87	5.32	5.20	29.10	-3,602.82	1,022.85	3,670.11	3,659.64	10.47	350.372		
1,100.00	1,089.64	1,078.55	1,078.53	5.73	5.52	29.51	-3,602.89	1,022.98	3,647.46	3,636.30	11.17	326.601		
1,131.50	1,119.87	1,108.79	1,108.77	5.87	5.62	29.66	-3,602.94	1,023.00	3,639.74	3,628.34	11.40	319.298		
1,200.00	1,185.51	1,178.29	1,178.28	6.18	5.86	29.82	-3,603.00	1,023.00	3,622.60	3,610.69	11.91	304.217		
1,300.00	1,281.33	1,267.40	1,267.39	6.65	6.18	30.03	-3,603.08	1,023.00	3,597.63	3,585.00	12.63	284.884		
1,400.00	1,377.14	1,372.49	1,372.47	7.13	6.56	30.27	-3,603.25	1,023.13	3,572.81	3,559.38	13.43	266.051		
1,500.00	1,472.96	1,467.21	1,467.20	7.63	6.91	30.50	-3,603.15	1,023.12	3,547.77	3,533.56	14.21	249.696		
1,600.00	1,568.78	1,563.91	1,563.89	8.14	7.27	30.74	-3,603.24	1,022.89	3,522.90	3,507.89	15.01	234.752		
1,700.00	1,664.60	1,654.41	1,654.39	8.66	7.62	30.97	-3,603.26	1,022.72	3,498.05	3,482.25	15.80	221.425		
1,800.00	1,760.41	1,743.03	1,743.01	9.19	7.96	31.20	-3,603.56	1,022.48	3,473.52	3,456.92	16.60	209.291		
1,900.00	1,856.23	1,835.73	1,835.71	9.73	8.32	31.44	-3,604.01	1,022.07	3,449.15	3,431.73	17.42	197.975		
2,000.00	1,952.05	1,933.98	1,933.96	10.27	8.71	31.70	-3,604.57	1,021.64	3,424.94	3,406.66	18.28	187.390		
2,100.00	2,047.86	2,037.47	2,037.45	10.81	9.12	31.99	-3,604.89	1,020.94	3,400.49	3,381.34	19.16	177.499		
2,200.00	2,143.68	2,132.04	2,132.01	11.36	9.50	32.25	-3,605.29	1,020.06	3,376.18	3,356.16	20.01	168.693		
2,300.00	2,239.50	2,234.66	2,234.63	11.92	9.91	32.55	-3,605.53	1,019.02	3,351.73	3,330.82	20.90	160.332		
2,400.00	2,335.32	2,326.75	2,326.71	12.47	10.29	32.82	-3,605.78	1,017.99	3,327.38	3,305.62	21.77	152.878		
2,500.00	2,431.13	2,422.53	2,422.48	13.03	10.68	33.10	-3,606.04	1,017.14	3,303.15	3,280.51	22.64	145.871		
2,600.00	2,526.95	2,520.36	2,520.31	13.59	11.08	33.39	-3,606.27	1,016.32	3,278.98	3,255.45	23.54	139.318		
2,700.00	2,622.77	2,622.00	2,621.95	14.15	11.50	33.70	-3,606.37	1,015.34	3,254.74	3,230.29	24.44	133.146		
2,800.00	2,718.59	2,718.83	2,718.77	14.72	11.90	33.99	-3,606.36	1,014.57	3,230.50	3,205.16	25.34	127.483		
2,900.00	2,814.40	2,816.95	2,816.89	15.29	12.30	34.29	-3,606.24	1,013.79	3,206.25	3,180.00	26.24	122.168		
3,000.00	2,910.22	2,905.17	2,905.10	15.85	12.67	34.57	-3,606.26	1,012.98	3,182.18	3,155.06	27.12	117.340		
3,100.00	3,006.04	2,992.49	2,992.42	16.42	13.04	34.85	-3,606.49	1,012.25	3,158.44	3,130.45	28.00	112.815		
3,200.00	3,101.85	3,090.25	3,090.18	16.99	13.45	35.16	-3,606.81	1,011.66	3,134.90	3,105.99	28.91	108.426		
3,300.00	3,197.67	3,179.57	3,179.50	17.56	13.82	35.45	-3,607.09	1,011.43	3,111.49	3,081.69	29.80	104.407		
3,400.00	3,293.49	3,274.64	3,274.56	18.14	14.22	35.75	-3,607.50	1,011.49	3,088.31	3,057.60	30.71	100.559		
3,500.00	3,389.31	3,373.53	3,373.45	18.71	14.64	36.07	-3,607.89	1,011.42	3,065.17	3,033.53	31.64	96.885		
3,600.00	3,485.12	3,463.57	3,463.50	19.28	15.02	36.36	-3,608.22	1,011.47	3,042.12	3,009.58	32.54	93.498		
3,700.00	3,580.94	3,560.70	3,560.62	19.86	15.43	36.69	-3,608.78	1,011.45	3,019.33	2,985.87	33.46	90.230		
3,800.00	3,676.76	3,654.12	3,654.04	20.43	15.83	37.01	-3,609.25	1,011.07	2,996.53	2,962.15	34.38	87.156		
3,900.00	3,772.58	3,750.52	3,750.44	21.01	16.24	37.34	-3,609.91	1,010.74	2,974.00	2,938.69	35.31	84.220		
4,000.00	3,868.39	3,853.96	3,853.88	21.58	16.68	37.71	-3,610.33	1,010.64	2,951.34	2,915.07	36.27	81.377		
4,100.00	3,964.21	3,951.96	3,951.88	22.16	17.09	38.05	-3,610.57	1,010.54	2,928.62	2,891.42	37.21	78.712		
4,200.00	4,060.03	4,049.31	4,049.23	22.74	17.51	38.40	-3,610.76	1,010.60	2,905.98	2,867.83	38.14	76.185		
4,300.00	4,155.85	4,146.57	4,146.49	23.32	17.91	38.75	-3,610.88	1,010.72	2,883.37	2,844.29	39.08	73.785		
4,400.00	4,251.66	4,240.49	4,240.41	23.89	18.31	39.09	-3,610.96	1,011.12	2,860.86	2,820.86	40.00	71.517		
4,500.00	4,347.48	4,334.53	4,334.45	24.47	18.70	39.43	-3,611.16	1,011.46	2,838.57	2,797.64	40.93	69.353		
4,600.00	4,443.30	4,430.83	4,430.74	25.05	19.10	39.79	-3,611.31	1,012.05	2,816.35	2,774.49	41.87	67.271		
4,700.00	4,539.11	4,522.36	4,522.27	25.63	19.49	40.13	-3,611.56	1,012.54	2,794.35	2,751.56	42.79	65.302		
4,800.00	4,634.93	4,616.89	4,616.80	26.21	19.89	40.49	-3,611.93	1,012.90	2,772.56	2,728.83	43.73	63.400		
4,900.00	4,730.75	4,711.36	4,711.27	26.79	20.29	40.86	-3,612.31	1,013.29	2,750.90	2,706.22	44.67	61.577		
5,000.00	4,826.57	4,791.93	4,791.84	27.37	20.63	41.18	-3,612.91	1,013.61	2,729.68	2,684.10	45.58	59.886		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	4,922.38	4,885.06	4,884.96	27.95	21.03	41.55	-3,613.95	1,013.77	2,708.93	2,662.40	46.53	58.219		
5,200.00	5,018.20	4,980.97	4,980.86	28.53	21.44	41.95	-3,615.08	1,013.66	2,688.34	2,640.85	47.49	56.609		
5,300.00	5,114.02	5,084.57	5,084.46	29.11	21.89	42.40	-3,616.18	1,013.30	2,667.77	2,619.30	48.47	55.035		
5,400.00	5,209.84	5,179.28	5,179.17	29.69	22.30	42.81	-3,617.03	1,012.85	2,647.18	2,597.74	49.44	53.547		
5,500.00	5,305.65	5,280.82	5,280.70	30.27	22.74	43.26	-3,617.91	1,012.63	2,626.71	2,576.29	50.42	52.097		
5,600.00	5,401.47	5,385.88	5,385.76	30.86	23.19	43.72	-3,618.49	1,012.61	2,606.08	2,554.67	51.41	50.689		
5,700.00	5,497.29	5,494.26	5,494.13	31.44	23.65	44.21	-3,618.64	1,012.47	2,585.20	2,532.79	52.41	49.326		
5,800.00	5,593.10	5,577.82	5,577.70	32.02	24.01	44.60	-3,618.73	1,012.23	2,564.43	2,511.09	53.35	48.070		
5,900.00	5,688.92	5,683.76	5,683.63	32.60	24.45	45.09	-3,619.03	1,012.11	2,544.00	2,489.67	54.34	46.817		
6,000.00	5,784.74	5,778.97	5,778.85	33.18	24.85	45.53	-3,618.96	1,012.26	2,523.38	2,468.08	55.30	45.630		
6,100.00	5,880.56	5,869.38	5,869.25	33.76	25.23	45.96	-3,619.05	1,012.57	2,503.07	2,446.81	56.26	44.492		
6,200.00	5,976.37	5,971.12	5,970.99	34.35	25.66	46.45	-3,619.23	1,012.76	2,483.00	2,425.75	57.25	43.375		
6,300.00	6,072.19	6,062.58	6,062.45	34.93	26.04	46.90	-3,619.21	1,012.83	2,462.90	2,404.69	58.21	42.311		
6,400.00	6,168.01	6,160.87	6,160.74	35.51	26.45	47.38	-3,619.42	1,013.04	2,443.20	2,384.01	59.19	41.275		
6,500.00	6,263.83	6,262.94	6,262.81	36.09	26.88	47.90	-3,619.31	1,013.23	2,423.35	2,363.17	60.18	40.266		
6,600.00	6,359.64	6,364.81	6,364.68	36.68	27.30	48.41	-3,619.02	1,013.57	2,403.50	2,342.33	61.17	39.291		
6,700.00	6,455.46	6,458.11	6,457.98	37.26	27.69	48.90	-3,618.57	1,013.65	2,383.66	2,321.51	62.15	38.355		
6,733.48	6,487.54	6,487.62	6,487.49	37.45	27.81	49.06	-3,618.48	1,013.72	2,377.12	2,314.65	62.47	38.051		
6,750.00	6,503.41	6,502.48	6,502.35	37.55	27.87	44.93	-3,618.45	1,013.76	2,373.89	2,311.26	62.63	37.904		
6,800.00	6,551.83	6,552.27	6,552.14	37.82	28.08	29.25	-3,618.34	1,013.85	2,363.84	2,300.75	63.10	37.465		
6,850.00	6,600.62	6,602.83	6,602.70	38.05	28.29	9.00	-3,618.19	1,013.87	2,353.41	2,289.89	63.53	37.046		
6,900.00	6,649.47	6,661.94	6,661.81	38.25	28.54	-12.41	-3,617.86	1,013.85	2,342.54	2,278.60	63.94	36.637		
6,950.00	6,698.08	6,720.65	6,720.52	38.42	28.78	-30.53	-3,617.27	1,013.86	2,331.22	2,266.89	64.32	36.242		
7,000.00	6,746.15	6,767.90	6,767.77	38.57	28.98	-44.00	-3,616.74	1,013.89	2,319.68	2,255.01	64.67	35.869		
7,050.00	6,793.39	6,815.98	6,815.84	38.71	29.18	-53.81	-3,616.15	1,013.96	2,308.05	2,243.04	65.01	35.503		
7,100.00	6,839.50	6,940.14	6,859.72	38.84	29.69	-61.15	-3,615.62	1,014.08	2,296.52	2,230.85	65.67	34.970		
7,150.00	6,884.20	6,904.28	6,904.13	38.97	29.54	-66.92	-3,615.14	1,014.45	2,285.28	2,219.62	65.66	34.805		
7,200.00	6,927.21	6,946.99	6,946.84	39.11	29.72	-71.60	-3,614.67	1,014.82	2,274.45	2,208.47	65.98	34.472		
7,250.00	6,968.28	6,987.72	6,987.57	39.25	29.89	-75.53	-3,614.23	1,015.16	2,264.21	2,197.91	66.30	34.151		
7,300.00	7,007.13	7,026.23	7,026.07	39.41	30.05	-78.88	-3,613.80	1,015.49	2,254.74	2,188.12	66.62	33.845		
7,350.00	7,043.55	7,062.27	7,062.11	39.58	30.21	-81.76	-3,613.41	1,015.79	2,246.25	2,179.30	66.95	33.553		
7,400.00	7,077.29	7,095.63	7,095.46	39.77	30.35	-84.23	-3,613.05	1,016.07	2,238.90	2,171.62	67.28	33.279		
7,450.00	7,108.16	7,126.10	7,125.93	39.98	30.47	-86.34	-3,612.72	1,016.33	2,232.89	2,165.27	67.62	33.022		
7,500.00	7,135.96	7,153.48	7,153.31	40.22	30.59	-88.09	-3,612.42	1,016.56	2,228.38	2,160.41	67.97	32.784		
7,550.00	7,160.53	7,177.62	7,177.45	40.49	30.69	-89.50	-3,612.15	1,016.77	2,225.54	2,157.20	68.34	32.566		
7,600.00	7,181.70	7,198.36	7,198.19	40.79	30.78	-90.57	-3,611.93	1,016.94	2,224.48	2,155.76	68.72	32.369		
7,603.28	7,182.97	7,199.60	7,199.43	40.82	30.78	-90.63	-3,611.91	1,016.95	2,224.47	2,155.73	68.75	32.357 CC, ES		
7,650.00	7,199.35	7,215.58	7,215.40	41.13	30.85	-91.29	-3,611.74	1,017.09	2,225.32	2,156.20	69.12	32.195		
7,700.00	7,213.38	7,229.16	7,228.99	41.51	30.90	-91.68	-3,611.59	1,017.20	2,228.13	2,158.59	69.53	32.044		
7,750.00	7,223.68	7,239.03	7,238.85	41.93	30.95	-91.71	-3,611.48	1,017.28	2,232.95	2,162.99	69.96	31.918		
7,800.00	7,230.21	7,245.13	7,244.95	42.38	30.97	-91.39	-3,611.42	1,017.34	2,239.79	2,169.40	70.39	31.819		
7,850.00	7,232.92	7,247.41	7,247.23	42.87	30.98	-90.71	-3,611.39	1,017.36	2,248.63	2,177.80	70.83	31.748		
7,858.69	7,233.00	7,247.42	7,247.24	42.95	30.98	-90.56	-3,611.39	1,017.36	2,250.36	2,179.46	70.90	31.739		
7,900.00	7,233.10	7,247.17	7,246.99	43.38	30.98	-90.55	-3,611.39	1,017.35	2,259.10	2,187.83	71.27	31.697		
8,000.00	7,233.35	7,246.58	7,246.40	44.56	30.98	-90.53	-3,611.40	1,017.35	2,283.23	2,210.98	72.24	31.605		
8,100.00	7,233.60	7,245.98	7,245.80	45.91	30.98	-90.52	-3,611.41	1,017.34	2,311.43	2,238.13	73.30	31.535		
8,200.00	7,233.85	7,245.39	7,245.21	47.41	30.97	-90.50	-3,611.41	1,017.34	2,343.56	2,269.14	74.41	31.494		
8,300.00	7,234.10	7,244.79	7,244.61	49.05	30.97	-90.49	-3,611.42	1,017.33	2,379.46	2,303.89	75.56	31.489 SF		
8,400.00	7,234.35	7,244.20	7,244.02	50.81	30.97	-90.47	-3,611.43	1,017.33	2,418.97	2,342.23	76.73	31.524		
8,500.00	7,234.59	7,243.60	7,243.42	52.68	30.97	-90.46	-3,611.43	1,017.32	2,461.90	2,384.00	77.91	31.601		
8,600.00	7,234.84	7,243.01	7,242.83	54.65	30.96	-90.44	-3,611.44	1,017.32	2,508.09	2,429.03	79.06	31.723		
8,700.00	7,235.09	7,242.42	7,242.24	56.70	30.96	-90.43	-3,611.45	1,017.31	2,557.36	2,477.16	80.20	31.888		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,235.34	7,241.82	7,241.64	58.82	30.96	-90.41	-3,611.45	1,017.31	2,609.53	2,528.23	81.30	32.097		
8,900.00	7,235.59	7,241.23	7,241.05	61.01	30.96	-90.39	-3,611.46	1,017.30	2,664.44	2,582.07	82.37	32.349		
9,000.00	7,235.84	7,240.63	7,240.45	63.25	30.95	-90.38	-3,611.47	1,017.30	2,721.91	2,638.52	83.39	32.642		
9,100.00	7,236.09	7,240.04	7,239.86	65.55	30.95	-90.36	-3,611.47	1,017.29	2,781.79	2,697.42	84.37	32.973		
9,200.00	7,236.34	7,239.44	7,239.26	67.89	30.95	-90.35	-3,611.48	1,017.29	2,843.93	2,758.63	85.30	33.342		
9,300.00	7,236.58	7,238.85	7,238.67	70.27	30.95	-90.33	-3,611.48	1,017.28	2,908.17	2,821.99	86.18	33.745		
9,400.00	7,236.83	7,238.25	7,238.07	72.69	30.94	-90.32	-3,611.49	1,017.28	2,974.40	2,887.38	87.02	34.182		
9,500.00	7,237.08	7,237.66	7,237.48	75.14	30.94	-90.30	-3,611.50	1,017.27	3,042.46	2,954.66	87.81	34.649		
9,600.00	7,237.33	7,237.06	7,236.89	77.62	30.94	-90.29	-3,611.50	1,017.27	3,112.26	3,023.70	88.56	35.145		
9,700.00	7,237.58	7,236.47	7,236.29	80.12	30.94	-90.27	-3,611.51	1,017.26	3,183.66	3,094.40	89.26	35.667		
9,800.00	7,237.83	7,235.88	7,235.70	82.65	30.93	-90.26	-3,611.52	1,017.26	3,256.57	3,166.65	89.92	36.214		
9,900.00	7,238.08	7,235.28	7,235.10	85.20	30.93	-90.24	-3,611.52	1,017.25	3,330.89	3,240.34	90.55	36.785		
10,000.00	7,238.32	7,234.69	7,234.51	87.77	30.93	-90.22	-3,611.53	1,017.25	3,406.52	3,315.38	91.14	37.377		
10,100.00	7,238.57	7,234.09	7,233.91	90.36	30.93	-90.21	-3,611.54	1,017.24	3,483.38	3,391.69	91.69	37.990		
10,200.00	7,238.82	7,233.50	7,233.32	92.97	30.92	-90.19	-3,611.54	1,017.24	3,561.39	3,469.17	92.21	38.621		
10,300.00	7,239.07	7,232.90	7,232.72	95.59	30.92	-90.18	-3,611.55	1,017.23	3,640.47	3,547.77	92.71	39.269		
10,400.00	7,239.32	7,232.31	7,232.13	98.22	30.92	-90.16	-3,611.56	1,017.23	3,720.56	3,627.40	93.17	39.934		
10,500.00	7,239.57	7,231.71	7,231.53	100.87	30.92	-90.15	-3,611.56	1,017.22	3,801.60	3,707.99	93.60	40.613		
10,600.00	7,239.82	7,231.12	7,230.94	103.52	30.91	-90.13	-3,611.57	1,017.22	3,883.52	3,789.50	94.02	41.307		
10,700.00	7,240.07	7,230.52	7,230.35	106.19	30.91	-90.12	-3,611.58	1,017.21	3,966.27	3,871.86	94.40	42.014		
10,800.00	7,240.31	7,229.93	7,229.75	108.87	30.91	-90.10	-3,611.58	1,017.21	4,049.79	3,955.02	94.77	42.733		
10,900.00	7,240.56	7,229.34	7,229.16	111.56	30.91	-90.09	-3,611.59	1,017.20	4,134.05	4,038.93	95.12	43.463		
11,000.00	7,240.81	7,228.74	7,228.56	114.25	30.90	-90.07	-3,611.59	1,017.20	4,218.99	4,123.55	95.44	44.204		
11,100.00	7,241.06	7,228.15	7,227.97	116.96	30.90	-90.05	-3,611.60	1,017.19	4,304.59	4,208.83	95.75	44.955		
11,200.00	7,241.31	7,227.55	7,227.37	119.67	30.90	-90.04	-3,611.61	1,017.19	4,390.79	4,294.74	96.05	45.715		
11,300.00	7,241.56	7,226.96	7,226.78	122.39	30.90	-90.02	-3,611.61	1,017.18	4,477.56	4,381.24	96.32	46.484		
11,400.00	7,241.81	7,226.36	7,226.18	125.11	30.89	-90.01	-3,611.62	1,017.18	4,564.88	4,468.29	96.59	47.261		
11,500.00	7,242.06	7,225.77	7,225.59	127.84	30.89	-89.99	-3,611.63	1,017.17	4,652.70	4,555.86	96.84	48.046		
11,600.00	7,242.30	7,225.17	7,225.00	130.58	30.89	-89.98	-3,611.63	1,017.17	4,741.01	4,643.93	97.08	48.838		
11,700.00	7,242.55	7,224.58	7,224.40	133.32	30.89	-89.96	-3,611.64	1,017.16	4,829.78	4,732.47	97.30	49.636		
11,800.00	7,242.80	7,223.98	7,223.81	136.07	30.88	-89.95	-3,611.65	1,017.16	4,918.97	4,821.45	97.52	50.441		
11,900.00	7,243.05	7,223.39	7,223.21	138.82	30.88	-89.93	-3,611.65	1,017.15	5,008.57	4,910.85	97.73	51.251		
12,000.00	7,243.30	7,222.80	7,222.62	141.58	30.88	-89.92	-3,611.66	1,017.15	5,098.56	5,000.64	97.92	52.067		
12,100.00	7,243.55	7,222.20	7,222.02	144.34	30.88	-89.90	-3,611.67	1,017.14	5,188.92	5,090.81	98.11	52.888		
12,200.00	7,243.80	7,221.61	7,221.43	147.10	30.87	-89.88	-3,611.67	1,017.14	5,279.63	5,181.33	98.29	53.714		
12,300.00	7,244.04	7,221.01	7,220.83	149.87	30.87	-89.87	-3,611.68	1,017.13	5,370.66	5,272.20	98.46	54.545		
12,400.00	7,244.29	7,220.42	7,220.24	152.64	30.87	-89.85	-3,611.69	1,017.13	5,462.01	5,363.38	98.63	55.379		
12,500.00	7,244.54	7,219.82	7,219.65	155.41	30.87	-89.84	-3,611.69	1,017.12	5,553.65	5,454.87	98.79	56.218		
12,600.00	7,244.79	7,219.23	7,219.05	158.19	30.86	-89.82	-3,611.70	1,017.12	5,645.58	5,546.64	98.94	57.060		
12,700.00	7,245.04	7,218.63	7,218.46	160.97	30.86	-89.81	-3,611.71	1,017.11	5,737.78	5,638.69	99.09	57.906		
12,800.00	7,245.29	7,218.04	7,217.86	163.75	30.86	-89.79	-3,611.71	1,017.11	5,830.24	5,731.01	99.23	58.756		
12,900.00	7,245.54	7,217.44	7,217.27	166.54	30.86	-89.78	-3,611.72	1,017.10	5,922.94	5,823.57	99.37	59.608		
13,000.00	7,245.79	7,216.85	7,216.67	169.33	30.85	-89.76	-3,611.72	1,017.10	6,015.87	5,916.38	99.50	60.463		
13,100.00	7,246.03	7,216.26	7,216.08	172.12	30.85	-89.75	-3,611.73	1,017.09	6,109.03	6,009.41	99.62	61.321		
13,200.00	7,246.28	7,215.66	7,215.48	174.91	30.85	-89.73	-3,611.74	1,017.09	6,202.40	6,102.66	99.75	62.181		
13,300.00	7,246.53	7,215.07	7,214.89	177.71	30.85	-89.71	-3,611.74	1,017.08	6,295.98	6,196.11	99.87	63.044		
13,400.00	7,246.78	7,214.47	7,214.29	180.50	30.84	-89.70	-3,611.75	1,017.08	6,389.75	6,289.77	99.98	63.909		
13,500.00	7,247.03	7,213.88	7,213.70	183.30	30.84	-89.68	-3,611.76	1,017.07	6,483.70	6,383.61	100.09	64.776		
13,600.00	7,247.28	7,213.28	7,213.11	186.10	30.84	-89.67	-3,611.76	1,017.07	6,577.84	6,477.63	100.20	65.645		
13,700.00	7,247.53	7,212.69	7,212.51	188.91	30.84	-89.65	-3,611.77	1,017.06	6,672.14	6,571.83	100.31	66.516		
13,800.00	7,247.77	7,212.09	7,211.92	191.71	30.83	-89.64	-3,611.78	1,017.06	6,766.61	6,666.20	100.41	67.388		
13,900.00	7,248.02	7,211.50	7,211.32	194.52	30.83	-89.62	-3,611.78	1,017.05	6,861.23	6,760.72	100.51	68.262		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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		
14,000.00	7,248.27	7,210.90	7,210.73	197.32	30.83	-89.61	-3,611.79	1,017.05	6,956.01	6,855.40	100.61	69.138		
14,100.00	7,248.52	7,210.31	7,210.13	200.13	30.83	-89.59	-3,611.80	1,017.04	7,050.93	6,950.22	100.71	70.015		
14,200.00	7,248.77	7,209.72	7,209.54	202.94	30.82	-89.58	-3,611.80	1,017.04	7,145.99	7,045.19	100.80	70.893		
14,300.00	7,249.02	7,209.12	7,208.94	205.76	30.82	-89.56	-3,611.81	1,017.03	7,241.18	7,140.29	100.89	71.772		
14,400.00	7,249.27	7,208.53	7,208.35	208.57	30.82	-89.54	-3,611.82	1,017.03	7,336.50	7,235.51	100.98	72.652		
14,500.00	7,249.52	7,207.93	7,207.76	211.38	30.82	-89.53	-3,611.82	1,017.02	7,431.94	7,330.87	101.07	73.534		
14,600.00	7,249.76	7,207.34	7,207.16	214.20	30.81	-89.51	-3,611.83	1,017.02	7,527.50	7,426.34	101.15	74.416		
14,700.00	7,250.01	7,206.74	7,206.57	217.02	30.81	-89.50	-3,611.83	1,017.01	7,623.17	7,521.93	101.24	75.298		
14,800.00	7,250.26	7,206.15	7,205.97	219.84	30.81	-89.48	-3,611.84	1,017.01	7,718.95	7,617.63	101.32	76.182		
14,900.00	7,250.51	7,205.55	7,205.38	222.65	30.81	-89.47	-3,611.85	1,017.00	7,814.84	7,713.44	101.40	77.066		
15,000.00	7,250.76	7,204.96	7,204.78	225.48	30.80	-89.45	-3,611.85	1,017.00	7,910.83	7,809.35	101.48	77.951		
15,100.00	7,251.01	7,204.36	7,204.19	228.30	30.80	-89.44	-3,611.86	1,016.99	8,006.92	7,905.36	101.56	78.836		
15,200.00	7,251.26	7,203.77	7,203.59	231.12	30.80	-89.42	-3,611.87	1,016.99	8,103.11	8,001.47	101.64	79.722		
15,300.00	7,251.50	7,203.18	7,203.00	233.94	30.80	-89.41	-3,611.87	1,016.98	8,199.38	8,097.66	101.72	80.608		
15,400.00	7,251.75	7,202.58	7,202.40	236.77	30.79	-89.39	-3,611.88	1,016.98	8,295.74	8,193.95	101.79	81.495		
15,500.00	7,252.00	7,201.99	7,201.81	239.59	30.79	-89.37	-3,611.89	1,016.97	8,392.19	8,290.32	101.87	82.381		
15,600.00	7,252.25	7,201.39	7,201.22	242.42	30.79	-89.36	-3,611.89	1,016.97	8,488.72	8,386.78	101.94	83.268		
15,700.00	7,252.50	7,200.80	7,200.62	245.24	30.79	-89.34	-3,611.90	1,016.96	8,585.33	8,483.32	102.02	84.155		
15,800.00	7,252.75	7,200.20	7,200.03	248.07	30.78	-89.33	-3,611.91	1,016.96	8,682.02	8,579.93	102.09	85.043		
15,900.00	7,253.00	7,199.61	7,199.43	250.90	30.78	-89.31	-3,611.91	1,016.95	8,778.78	8,676.62	102.16	85.930		
16,000.00	7,253.25	7,199.01	7,198.84	253.73	30.78	-89.30	-3,611.92	1,016.95	8,875.61	8,773.38	102.23	86.817		
16,100.00	7,253.49	7,198.42	7,198.24	256.56	30.78	-89.28	-3,611.93	1,016.94	8,972.51	8,870.21	102.30	87.704		
16,200.00	7,253.74	7,197.82	7,197.65	259.39	30.77	-89.27	-3,611.93	1,016.94	9,069.48	8,967.11	102.37	88.591		
16,300.00	7,253.99	7,197.23	7,197.05	262.22	30.77	-89.25	-3,611.94	1,016.93	9,166.52	9,064.07	102.44	89.478		
16,400.00	7,254.24	7,196.64	7,196.46	265.05	30.77	-89.24	-3,611.95	1,016.93	9,263.61	9,161.10	102.51	90.365		
16,500.00	7,254.49	7,196.04	7,195.87	267.88	30.77	-89.22	-3,611.95	1,016.92	9,360.77	9,258.19	102.58	91.251		
16,600.00	7,254.74	7,195.45	7,195.27	270.72	30.76	-89.20	-3,611.96	1,016.92	9,457.99	9,355.34	102.65	92.137		
16,700.00	7,254.99	7,194.85	7,194.68	273.55	30.76	-89.19	-3,611.96	1,016.91	9,555.26	9,452.54	102.72	93.023		
16,800.00	7,255.24	7,194.26	7,194.08	276.38	30.76	-89.17	-3,611.97	1,016.91	9,652.59	9,549.81	102.79	93.909		
16,900.00	7,255.48	7,193.66	7,193.49	279.22	30.76	-89.16	-3,611.98	1,016.90	9,749.98	9,647.12	102.85	94.794		
17,000.00	7,255.73	7,193.07	7,192.89	282.05	30.75	-89.14	-3,611.98	1,016.90	9,847.42	9,744.49	102.92	95.679		
17,100.00	7,255.98	7,192.47	7,192.30	284.89	30.75	-89.13	-3,611.99	1,016.89	9,944.90	9,841.91	102.99	96.563		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	138.03	-1,095.81	985.62	1,474.30					
100.00	100.00	69.26	69.26	3.28	3.28	138.03	-1,095.75	985.50	1,473.75	1,467.18	6.57	224.378		
200.00	200.00	173.61	173.61	3.34	3.32	138.04	-1,095.47	984.98	1,473.20	1,466.54	6.66	221.203		
300.00	300.00	271.60	271.60	3.44	3.42	138.05	-1,095.11	984.46	1,472.58	1,465.72	6.86	214.657		
400.00	399.98	374.02	374.02	3.60	3.56	1.65	-1,094.79	983.99	1,470.29	1,463.13	7.16	205.348		
500.00	499.84	476.53	476.52	3.79	3.76	1.67	-1,094.28	983.34	1,464.27	1,456.72	7.55	193.999		
600.00	599.45	576.06	576.05	4.03	3.98	1.69	-1,093.70	982.67	1,454.68	1,446.67	8.01	181.639		
700.00	698.70	676.66	676.65	4.30	4.24	1.72	-1,093.15	981.93	1,441.61	1,433.07	8.54	168.831		
800.00	797.47	777.47	777.44	4.60	4.53	1.76	-1,092.60	980.97	1,424.94	1,415.82	9.13	156.148		
900.00	895.62	874.73	874.70	4.94	4.83	1.82	-1,092.05	979.95	1,404.77	1,395.03	9.75	144.108		
1,000.00	993.06	972.81	972.78	5.32	5.14	1.88	-1,091.52	978.94	1,381.24	1,370.83	10.41	132.662		
1,100.00	1,089.64	1,068.66	1,068.62	5.73	5.47	1.96	-1,091.05	977.82	1,354.27	1,343.17	11.10	122.000		
1,131.50	1,119.87	1,098.40	1,098.36	5.87	5.57	1.98	-1,090.92	977.49	1,345.09	1,333.77	11.33	118.755		
1,200.00	1,185.51	1,163.17	1,163.12	6.18	5.80	2.02	-1,090.59	976.83	1,324.81	1,313.00	11.81	112.176		
1,300.00	1,281.33	1,260.36	1,260.31	6.65	6.14	2.08	-1,089.99	975.97	1,295.20	1,282.66	12.54	103.270		
1,400.00	1,377.14	1,356.38	1,356.31	7.13	6.50	2.14	-1,089.29	974.99	1,265.43	1,252.14	13.29	95.216		
1,500.00	1,472.96	1,451.08	1,451.01	7.63	6.85	2.21	-1,088.70	974.00	1,235.72	1,221.67	14.05	87.943		
1,600.00	1,568.78	1,545.56	1,545.48	8.14	7.21	2.27	-1,088.04	973.16	1,206.06	1,191.24	14.83	81.344		
1,700.00	1,664.60	1,639.74	1,639.66	8.66	7.57	2.33	-1,087.44	972.43	1,176.52	1,160.91	15.61	75.353		
1,800.00	1,760.41	1,735.62	1,735.53	9.19	7.94	2.41	-1,087.10	971.49	1,147.04	1,130.63	16.42	69.874		
1,900.00	1,856.23	1,829.86	1,829.76	9.73	8.31	2.50	-1,086.65	970.54	1,117.47	1,100.25	17.22	64.883		
2,000.00	1,952.05	1,918.28	1,918.19	10.27	8.66	2.57	-1,086.46	970.11	1,088.41	1,070.39	18.02	60.389		
2,100.00	2,047.86	2,010.75	2,010.65	10.81	9.03	2.66	-1,086.71	969.77	1,059.78	1,040.94	18.84	56.251		
2,200.00	2,143.68	2,104.68	2,104.58	11.36	9.40	2.77	-1,087.30	969.39	1,031.40	1,011.73	19.67	52.446		
2,300.00	2,239.50	2,199.69	2,199.59	11.92	9.78	2.89	-1,087.96	969.13	1,003.14	982.64	20.50	48.935		
2,400.00	2,335.32	2,296.75	2,296.64	12.47	10.18	3.02	-1,088.66	968.81	974.87	953.53	21.34	45.679		
2,500.00	2,431.13	2,392.71	2,392.60	13.03	10.56	3.16	-1,089.44	968.30	946.55	924.36	22.19	42.663		
2,600.00	2,526.95	2,487.17	2,487.06	13.59	10.95	3.31	-1,090.20	967.90	918.30	895.27	23.03	39.869		
2,700.00	2,622.77	2,583.17	2,583.06	14.15	11.34	3.46	-1,090.96	967.65	890.14	866.26	23.88	37.268		
2,800.00	2,718.59	2,678.06	2,677.94	14.72	11.73	3.63	-1,091.74	967.40	862.02	837.28	24.74	34.845		
2,900.00	2,814.40	2,774.61	2,774.49	15.29	12.12	3.80	-1,092.59	967.19	833.96	808.37	25.60	32.581		
3,000.00	2,910.22	2,869.29	2,869.16	15.85	12.51	3.97	-1,093.29	967.11	805.89	779.44	26.46	30.462		
3,100.00	3,006.04	2,965.08	2,964.95	16.42	12.91	4.16	-1,094.15	967.09	777.99	750.67	27.32	28.479		
3,200.00	3,101.85	3,061.70	3,061.56	16.99	13.31	4.37	-1,094.97	967.02	750.03	721.85	28.18	26.613		
3,300.00	3,197.67	3,159.11	3,158.97	17.56	13.71	4.60	-1,095.79	966.79	721.97	692.92	29.05	24.853		
3,400.00	3,293.49	3,255.28	3,255.14	18.14	14.11	4.84	-1,096.38	966.52	693.74	663.82	29.92	23.188		
3,500.00	3,389.31	3,349.09	3,348.95	18.71	14.50	5.10	-1,097.10	966.32	665.65	634.86	30.79	21.619		
3,600.00	3,485.12	3,439.88	3,439.73	19.28	14.88	5.39	-1,098.28	966.23	638.07	606.40	31.67	20.147		
3,700.00	3,580.94	3,529.63	3,529.46	19.86	15.26	5.73	-1,100.45	966.48	611.56	579.00	32.56	18.785		
3,800.00	3,676.76	3,623.04	3,622.82	20.43	15.65	6.13	-1,103.34	967.11	585.83	552.39	33.44	17.518		
3,900.00	3,772.58	3,719.70	3,719.42	21.01	16.05	6.58	-1,106.48	967.90	560.34	526.01	34.33	16.324		
4,000.00	3,868.39	3,817.32	3,816.99	21.58	16.46	7.08	-1,109.55	968.68	534.79	499.58	35.21	15.189		
4,100.00	3,964.21	3,915.73	3,915.35	22.16	16.88	7.62	-1,112.37	969.30	508.97	472.88	36.09	14.103		
4,200.00	4,060.03	4,012.50	4,012.09	22.74	17.28	8.22	-1,115.05	969.73	483.01	446.03	36.98	13.062		
4,300.00	4,155.85	4,109.81	4,109.36	23.32	17.69	8.89	-1,117.61	970.15	456.99	419.12	37.86	12.069		
4,400.00	4,251.66	4,207.48	4,207.01	23.89	18.10	9.63	-1,119.93	970.47	430.78	392.03	38.75	11.117		
4,500.00	4,347.48	4,304.06	4,303.56	24.47	18.51	10.45	-1,122.05	970.78	404.49	364.84	39.65	10.202		
4,600.00	4,443.30	4,401.61	4,401.10	25.05	18.92	11.38	-1,123.98	971.03	378.08	337.54	40.54	9.327		
4,700.00	4,539.11	4,498.79	4,498.26	25.63	19.33	12.47	-1,125.74	971.00	351.48	310.05	41.44	8.483		
4,800.00	4,634.93	4,594.71	4,594.16	26.21	19.74	13.76	-1,127.48	970.74	324.92	282.57	42.36	7.671		
4,900.00	4,730.75	4,691.12	4,690.55	26.79	20.14	15.29	-1,129.23	970.49	298.54	255.26	43.28	6.898		
5,000.00	4,826.57	4,787.60	4,787.03	27.37	20.55	17.05	-1,130.74	970.43	272.27	228.05	44.22	6.157		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	4,922.38	4,883.70	4,883.12	27.95	20.96	19.07	-1,132.00	970.71	246.21	201.03	45.18	5.449		
5,200.00	5,018.20	4,980.91	4,980.32	28.53	21.37	21.51	-1,133.00	971.18	220.33	174.18	46.16	4.774		
5,300.00	5,114.02	5,077.12	5,076.53	29.11	21.77	24.64	-1,133.73	971.32	194.56	147.37	47.20	4.123		
5,400.00	5,209.84	5,173.62	5,173.02	29.69	22.18	28.78	-1,134.44	971.22	169.42	121.11	48.31	3.507		
5,500.00	5,305.65	5,269.92	5,269.32	30.27	22.59	34.23	-1,134.77	971.19	145.04	95.48	49.56	2.927		
5,600.00	5,401.47	5,365.77	5,365.17	30.86	22.99	41.77	-1,134.99	970.98	122.29	71.25	51.04	2.396		
5,700.00	5,497.29	5,461.84	5,461.24	31.44	23.40	52.56	-1,135.16	970.41	102.51	49.67	52.84	1.940		
5,800.00	5,593.10	5,557.82	5,557.21	32.02	23.81	67.66	-1,134.87	969.56	87.60	32.68	54.93	1.595		
5,900.00	5,688.92	5,653.54	5,652.93	32.60	24.21	86.67	-1,134.21	968.73	80.79	24.04	56.75	1.424 Level 3		
5,915.99	5,704.25	5,668.82	5,668.21	32.69	24.28	89.91	-1,134.08	968.59	80.65	23.70	56.96	1.416 Level 3, CC, ES, SF		
6,000.00	5,784.74	5,749.10	5,748.48	33.18	24.62	106.50	-1,133.29	967.85	84.43	26.91	57.52	1.468 Level 3		
6,100.00	5,880.56	5,844.72	5,844.10	33.76	25.02	123.02	-1,132.37	967.18	97.35	39.86	57.49	1.693		
6,200.00	5,976.37	5,940.22	5,939.59	34.35	25.43	135.15	-1,131.43	966.59	116.52	59.13	57.39	2.030		
6,300.00	6,072.19	6,035.57	6,034.93	34.93	25.83	143.70	-1,130.51	965.97	139.46	81.93	57.53	2.424		
6,400.00	6,168.01	6,130.40	6,129.74	35.51	26.23	150.09	-1,128.70	965.35	164.86	107.03	57.84	2.850		
6,500.00	6,263.83	6,224.99	6,224.30	36.09	26.63	154.87	-1,126.45	964.55	192.06	133.75	58.31	3.294		
6,600.00	6,359.64	6,319.90	6,319.16	36.68	27.03	158.66	-1,123.49	963.76	220.51	161.61	58.90	3.744		
6,700.00	6,455.46	6,417.41	6,416.61	37.26	27.45	161.79	-1,120.23	963.71	249.10	189.44	59.66	4.175		
6,733.48	6,487.54	6,450.20	6,449.40	37.45	27.58	162.67	-1,119.29	963.87	258.58	198.65	59.93	4.314		
6,750.00	6,503.41	6,466.46	6,465.65	37.55	27.65	158.99	-1,118.88	963.96	263.06	202.99	60.07	4.379		
6,800.00	6,551.83	6,516.12	6,515.29	37.82	27.86	144.97	-1,117.87	964.32	274.35	213.88	60.47	4.537		
6,850.00	6,600.62	6,566.17	6,565.34	38.05	28.07	126.93	-1,117.26	964.73	282.30	221.46	60.84	4.640		
6,900.00	6,649.47	6,615.91	6,615.08	38.25	28.28	108.26	-1,117.06	965.14	287.04	225.86	61.18	4.692		
6,950.00	6,698.08	6,664.44	6,663.61	38.42	28.49	93.45	-1,117.14	965.41	288.89	227.43	61.46	4.700		
7,000.00	6,746.15	6,712.52	6,711.69	38.57	28.69	83.87	-1,117.45	965.48	288.14	226.41	61.73	4.668		
7,050.00	6,793.39	6,759.71	6,758.87	38.71	28.89	78.61	-1,117.85	965.46	285.11	223.12	61.99	4.599		
7,100.00	6,839.50	6,805.88	6,805.04	38.84	29.09	76.48	-1,118.27	965.38	280.25	217.97	62.27	4.500		
7,150.00	6,884.20	6,851.04	6,850.20	38.97	29.28	76.66	-1,118.76	965.24	274.05	211.43	62.62	4.376		
7,200.00	6,927.21	6,894.62	6,893.77	39.11	29.47	78.53	-1,119.36	965.05	267.21	204.14	63.07	4.237		
7,250.00	6,968.28	6,935.88	6,935.03	39.25	29.64	81.61	-1,119.97	964.82	260.63	196.96	63.67	4.094		
7,300.00	7,007.13	6,974.90	6,974.04	39.41	29.81	85.53	-1,120.54	964.60	255.41	190.94	64.47	3.962		
7,350.00	7,043.55	7,011.57	7,010.71	39.58	29.97	89.89	-1,121.06	964.38	252.75	187.24	65.52	3.858		
7,362.68	7,052.37	7,020.50	7,019.63	39.62	30.00	91.02	-1,121.19	964.33	252.63	186.81	65.82	3.838		
7,400.00	7,077.29	7,045.72	7,044.85	39.77	30.11	94.28	-1,121.56	964.19	253.83	187.06	66.77	3.802		
7,450.00	7,108.16	7,076.95	7,076.08	39.98	30.24	98.28	-1,122.01	964.03	259.67	191.56	68.11	3.813		
7,500.00	7,135.96	7,105.07	7,104.20	40.22	30.36	101.57	-1,122.43	963.90	270.97	201.59	69.38	3.906		
7,550.00	7,160.53	7,129.89	7,129.02	40.49	30.47	103.94	-1,122.80	963.79	287.94	217.49	70.45	4.087		
7,600.00	7,181.70	7,151.34	7,150.46	40.79	30.56	105.22	-1,123.13	963.69	310.37	239.11	71.26	4.356		
7,650.00	7,199.35	7,169.25	7,168.37	41.13	30.64	105.32	-1,123.39	963.61	337.69	265.90	71.79	4.704		
7,700.00	7,213.38	7,183.53	7,182.65	41.51	30.70	104.15	-1,123.61	963.55	369.20	297.10	72.10	5.121		
7,750.00	7,223.68	7,194.09	7,193.21	41.93	30.74	101.64	-1,123.77	963.50	404.13	331.91	72.23	5.595		
7,800.00	7,230.21	7,200.86	7,199.98	42.38	30.77	97.73	-1,123.87	963.47	441.76	369.54	72.22	6.117		
7,850.00	7,232.92	7,203.80	7,202.92	42.87	30.78	92.46	-1,123.91	963.46	481.40	409.27	72.13	6.674		
7,858.69	7,233.00	7,203.92	7,203.03	42.95	30.78	91.42	-1,123.91	963.46	488.46	416.35	72.11	6.774		
7,900.00	7,233.10	7,204.20	7,203.32	43.38	30.78	91.47	-1,123.92	963.46	522.62	450.63	71.99	7.260		
8,000.00	7,233.35	7,204.90	7,204.01	44.56	30.79	91.61	-1,123.93	963.45	608.99	537.31	71.69	8.495		
8,100.00	7,233.60	7,205.59	7,204.71	45.91	30.79	91.75	-1,123.94	963.45	699.01	627.62	71.40	9.791		
8,200.00	7,233.85	7,206.28	7,205.40	47.41	30.79	91.89	-1,123.95	963.45	791.43	720.29	71.14	11.125		
8,300.00	7,234.10	7,206.98	7,206.09	49.05	30.80	92.03	-1,123.96	963.44	885.50	814.57	70.92	12.485		
8,400.00	7,234.35	7,207.67	7,206.79	50.81	30.80	92.17	-1,123.97	963.44	980.74	910.00	70.74	13.864		
8,500.00	7,234.59	7,208.36	7,207.48	52.68	30.80	92.31	-1,123.98	963.44	1,076.84	1,006.26	70.58	15.257		
8,600.00	7,234.84	7,209.06	7,208.17	54.65	30.81	92.45	-1,123.99	963.44	1,173.59	1,103.15	70.44	16.660		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,235.09	7,209.75	7,208.87	56.70	30.81	92.59	-1,124.00	963.43	1,270.85	1,200.52	70.33	18.070		
8,800.00	7,235.34	7,210.44	7,209.56	58.82	30.81	92.73	-1,124.01	963.43	1,368.50	1,298.27	70.23	19.486		
8,900.00	7,235.59	7,211.14	7,210.25	61.01	30.81	92.87	-1,124.02	963.43	1,466.47	1,396.32	70.14	20.906		
9,000.00	7,235.84	7,211.83	7,210.95	63.25	30.82	93.01	-1,124.03	963.42	1,564.69	1,494.62	70.07	22.330		
9,100.00	7,236.09	7,212.52	7,211.64	65.55	30.82	93.15	-1,124.04	963.42	1,663.13	1,593.12	70.01	23.756		
9,200.00	7,236.34	7,213.22	7,212.33	67.89	30.82	93.29	-1,124.05	963.42	1,761.74	1,691.79	69.95	25.185		
9,300.00	7,236.58	7,213.91	7,213.03	70.27	30.83	93.43	-1,124.06	963.41	1,860.50	1,790.60	69.91	26.614		
9,400.00	7,236.83	7,214.60	7,213.72	72.69	30.83	93.57	-1,124.08	963.41	1,959.39	1,889.52	69.87	28.045		
9,500.00	7,237.08	7,215.30	7,214.41	75.14	30.83	93.71	-1,124.09	963.41	2,058.38	1,988.55	69.83	29.477		
9,600.00	7,237.33	7,215.99	7,215.11	77.62	30.84	93.85	-1,124.10	963.40	2,157.47	2,087.66	69.80	30.908		
9,700.00	7,237.58	7,216.68	7,215.80	80.12	30.84	93.99	-1,124.11	963.40	2,256.63	2,186.85	69.78	32.340		
9,800.00	7,237.83	7,217.38	7,216.49	82.65	30.84	94.13	-1,124.12	963.40	2,355.87	2,286.11	69.76	33.772		
9,900.00	7,238.08	7,218.07	7,217.19	85.20	30.84	94.27	-1,124.13	963.39	2,455.17	2,385.42	69.74	35.204		
10,000.00	7,238.32	7,218.77	7,217.88	87.77	30.85	94.41	-1,124.14	963.39	2,554.52	2,484.79	69.73	36.635		
10,100.00	7,238.57	7,219.46	7,218.57	90.36	30.85	94.55	-1,124.15	963.39	2,653.92	2,584.20	69.72	38.066		
10,200.00	7,238.82	7,220.15	7,219.27	92.97	30.85	94.69	-1,124.16	963.39	2,753.36	2,683.65	69.71	39.495		
10,300.00	7,239.07	7,220.85	7,219.96	95.59	30.86	94.83	-1,124.17	963.38	2,852.85	2,783.14	69.71	40.924		
10,400.00	7,239.32	7,221.54	7,220.65	98.22	30.86	94.97	-1,124.18	963.38	2,952.36	2,882.65	69.71	42.352		
10,500.00	7,239.57	7,222.23	7,221.35	100.87	30.86	95.10	-1,124.19	963.38	3,051.91	2,982.20	69.71	43.779		
10,600.00	7,239.82	7,222.93	7,222.04	103.52	30.86	95.24	-1,124.20	963.37	3,151.49	3,081.78	69.72	45.205		
10,700.00	7,240.07	7,223.62	7,222.73	106.19	30.87	95.38	-1,124.21	963.37	3,251.09	3,181.37	69.72	46.629		
10,800.00	7,240.31	7,224.31	7,223.43	108.87	30.87	95.52	-1,124.22	963.37	3,350.72	3,280.99	69.73	48.052		
10,900.00	7,240.56	7,225.01	7,224.12	111.56	30.87	95.66	-1,124.23	963.36	3,450.37	3,380.63	69.74	49.473		
11,000.00	7,240.81	7,225.70	7,224.82	114.25	30.88	95.80	-1,124.24	963.36	3,550.04	3,480.28	69.75	50.893		
11,100.00	7,241.06	7,226.40	7,225.51	116.96	30.88	95.94	-1,124.25	963.36	3,649.72	3,579.95	69.77	52.312		
11,200.00	7,241.31	7,227.09	7,226.20	119.67	30.88	96.08	-1,124.26	963.35	3,749.43	3,679.64	69.79	53.728		
11,300.00	7,241.56	7,227.78	7,226.90	122.39	30.89	96.22	-1,124.27	963.35	3,849.14	3,779.34	69.80	55.143		
11,400.00	7,241.81	7,228.48	7,227.59	125.11	30.89	96.36	-1,124.28	963.35	3,948.88	3,879.05	69.82	56.556		
11,500.00	7,242.06	7,229.17	7,228.28	127.84	30.89	96.49	-1,124.29	963.35	4,048.62	3,978.78	69.84	57.966		
11,600.00	7,242.30	7,229.86	7,228.98	130.58	30.89	96.63	-1,124.30	963.34	4,148.38	4,078.51	69.87	59.375		
11,700.00	7,242.55	7,230.56	7,229.67	133.32	30.90	96.77	-1,124.31	963.34	4,248.15	4,178.25	69.89	60.782		
11,800.00	7,242.80	7,231.25	7,230.36	136.07	30.90	96.91	-1,124.33	963.34	4,347.93	4,278.01	69.92	62.187		
11,900.00	7,243.05	7,231.95	7,231.06	138.82	30.90	97.05	-1,124.34	963.33	4,447.71	4,377.77	69.94	63.589		
12,000.00	7,243.30	7,232.64	7,231.75	141.58	30.91	97.19	-1,124.35	963.33	4,547.51	4,477.54	69.97	64.989		
12,100.00	7,243.55	7,233.33	7,232.45	144.34	30.91	97.32	-1,124.36	963.33	4,647.32	4,577.32	70.00	66.387		
12,200.00	7,243.80	7,234.03	7,233.14	147.10	30.91	97.46	-1,124.37	963.32	4,747.13	4,677.10	70.03	67.783		
12,300.00	7,244.04	7,234.72	7,233.83	149.87	30.91	97.60	-1,124.38	963.32	4,846.96	4,776.89	70.07	69.176		
12,400.00	7,244.29	7,235.41	7,234.53	152.64	30.92	97.74	-1,124.39	963.32	4,946.79	4,876.68	70.10	70.566		
12,500.00	7,244.54	7,236.11	7,235.22	155.41	30.92	97.88	-1,124.40	963.31	5,046.62	4,976.48	70.14	71.954		
12,600.00	7,244.79	7,236.80	7,235.91	158.19	30.92	98.01	-1,124.41	963.31	5,146.46	5,076.29	70.17	73.340		
12,700.00	7,245.04	7,237.50	7,236.61	160.97	30.93	98.15	-1,124.42	963.31	5,246.31	5,176.10	70.21	74.723		
12,800.00	7,245.29	7,238.19	7,237.30	163.75	30.93	98.29	-1,124.43	963.30	5,346.17	5,275.92	70.25	76.103		
12,900.00	7,245.54	7,238.88	7,238.00	166.54	30.93	98.43	-1,124.44	963.30	5,446.02	5,375.73	70.29	77.480		
13,000.00	7,245.79	7,239.58	7,238.69	169.33	30.94	98.57	-1,124.45	963.30	5,545.89	5,475.56	70.33	78.854		
13,100.00	7,246.03	7,240.27	7,239.38	172.12	30.94	98.70	-1,124.46	963.30	5,645.76	5,575.38	70.37	80.226		
13,200.00	7,246.28	7,240.97	7,240.08	174.91	30.94	98.84	-1,124.47	963.29	5,745.63	5,675.21	70.42	81.595		
13,300.00	7,246.53	7,241.66	7,240.77	177.71	30.94	98.98	-1,124.48	963.29	5,845.51	5,775.05	70.46	82.961		
13,400.00	7,246.78	7,242.35	7,241.46	180.50	30.95	99.11	-1,124.49	963.29	5,945.39	5,874.88	70.51	84.324		
13,500.00	7,247.03	7,243.05	7,242.16	183.30	30.95	99.25	-1,124.50	963.28	6,045.27	5,974.72	70.55	85.683		
13,600.00	7,247.28	7,243.74	7,242.85	186.10	30.95	99.39	-1,124.51	963.28	6,145.16	6,074.56	70.60	87.040		
13,700.00	7,247.53	7,244.44	7,243.55	188.91	30.96	99.53	-1,124.52	963.28	6,245.06	6,174.41	70.65	88.394		
13,800.00	7,247.77	7,245.13	7,244.24	191.71	30.96	99.66	-1,124.53	963.27	6,344.95	6,274.25	70.70	89.744		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	7,245.82	7,244.93	194.52	30.96	99.80	-1,124.54	963.27	6,444.85	6,374.10	70.75	91.092		
14,000.00	7,248.27	7,246.52	7,245.63	197.32	30.97	99.94	-1,124.55	963.27	6,544.75	6,473.95	70.80	92.436		
14,100.00	7,248.52	7,247.21	7,246.32	200.13	30.97	100.07	-1,124.57	963.26	6,644.66	6,573.80	70.86	93.776		
14,200.00	7,248.77	7,247.91	7,247.02	202.94	30.97	100.21	-1,124.58	963.26	6,744.57	6,673.65	70.91	95.114		
14,300.00	7,249.02	7,248.60	7,247.71	205.76	30.97	100.34	-1,124.59	963.26	6,844.48	6,773.51	70.97	96.448		
14,400.00	7,249.27	7,249.29	7,248.40	208.57	30.98	100.48	-1,124.60	963.25	6,944.39	6,873.37	71.02	97.779		
14,500.00	7,249.52	7,249.99	7,249.10	211.38	30.98	100.62	-1,124.61	963.25	7,044.30	6,973.22	71.08	99.106		
14,600.00	7,249.76	7,250.68	7,249.79	214.20	30.98	100.75	-1,124.62	963.25	7,144.22	7,073.08	71.14	100.430		
14,700.00	7,250.01	7,251.38	7,250.49	217.02	30.99	100.89	-1,124.63	963.25	7,244.14	7,172.94	71.20	101.750		
14,800.00	7,250.26	7,252.07	7,251.18	219.84	30.99	101.02	-1,124.64	963.24	7,344.06	7,272.81	71.26	103.067		
14,900.00	7,250.51	7,252.76	7,251.87	222.65	30.99	101.16	-1,124.65	963.24	7,443.99	7,372.67	71.32	104.380		
15,000.00	7,250.76	7,253.46	7,252.57	225.48	30.99	101.30	-1,124.66	963.24	7,543.91	7,472.53	71.38	105.689		
15,100.00	7,251.01	7,254.15	7,253.26	228.30	31.00	101.43	-1,124.67	963.23	7,643.84	7,572.40	71.44	106.995		
15,200.00	7,251.26	7,254.85	7,253.96	231.12	31.00	101.57	-1,124.68	963.23	7,743.77	7,672.26	71.50	108.298		
15,300.00	7,251.50	7,255.54	7,254.65	233.94	31.00	101.70	-1,124.69	963.23	7,843.70	7,772.13	71.57	109.596		
15,400.00	7,251.75	7,256.24	7,255.35	236.77	31.01	101.84	-1,124.70	963.22	7,943.63	7,872.00	71.63	110.891		
15,500.00	7,252.00	7,256.93	7,256.04	239.59	31.01	101.97	-1,124.71	963.22	8,043.57	7,971.87	71.70	112.182		
15,600.00	7,252.25	7,257.62	7,256.73	242.42	31.01	102.11	-1,124.72	963.22	8,143.50	8,071.74	71.77	113.470		
15,700.00	7,252.50	7,258.32	7,257.43	245.24	31.02	102.24	-1,124.73	963.21	8,243.44	8,171.60	71.84	114.753		
15,800.00	7,252.75	7,259.01	7,258.12	248.07	31.02	102.38	-1,124.74	963.21	8,343.38	8,271.47	71.91	116.033		
15,900.00	7,253.00	7,259.71	7,258.82	250.90	31.02	102.51	-1,124.75	963.21	8,443.32	8,371.35	71.98	117.309		
16,000.00	7,253.25	7,260.40	7,259.51	253.73	31.02	102.64	-1,124.76	963.21	8,543.26	8,471.22	72.05	118.581		
16,100.00	7,253.49	7,261.09	7,260.20	256.56	31.03	102.78	-1,124.77	963.20	8,643.20	8,571.09	72.12	119.849		
16,200.00	7,253.74	7,261.79	7,260.90	259.39	31.03	102.91	-1,124.78	963.20	8,743.15	8,670.96	72.19	121.113		
16,300.00	7,253.99	7,262.48	7,261.59	262.22	31.03	103.05	-1,124.79	963.20	8,843.09	8,770.83	72.26	122.374		
16,400.00	7,254.24	7,263.18	7,262.29	265.05	31.04	103.18	-1,124.81	963.19	8,943.04	8,870.70	72.34	123.630		
16,500.00	7,254.49	7,263.87	7,262.98	267.88	31.04	103.31	-1,124.82	963.19	9,042.99	8,970.58	72.41	124.882		
16,600.00	7,254.74	7,264.57	7,263.68	270.72	31.04	103.45	-1,124.83	963.19	9,142.94	9,070.45	72.49	126.130		
16,700.00	7,254.99	7,265.26	7,264.37	273.55	31.04	103.58	-1,124.84	963.18	9,242.89	9,170.32	72.56	127.375		
16,800.00	7,255.24	7,265.96	7,265.06	276.38	31.05	103.71	-1,124.85	963.18	9,342.84	9,270.20	72.64	128.615		
16,900.00	7,255.48	7,266.65	7,265.76	279.22	31.05	103.85	-1,124.86	963.18	9,442.79	9,370.07	72.72	129.851		
17,000.00	7,255.73	7,267.34	7,266.45	282.05	31.05	103.98	-1,124.87	963.17	9,542.74	9,469.94	72.80	131.083		
17,100.00	7,255.98	7,268.04	7,267.15	284.89	31.06	104.11	-1,124.88	963.17	9,642.70	9,569.82	72.88	132.311		
17,200.00	7,256.23	7,268.73	7,267.84	287.73	31.06	104.25	-1,124.89	963.17	9,742.65	9,669.69	72.96	133.534		
17,300.00	7,256.48	7,269.43	7,268.54	290.56	31.06	104.38	-1,124.90	963.16	9,842.61	9,769.57	73.04	134.754		
17,400.00	7,256.73	7,270.12	7,269.23	293.40	31.07	104.51	-1,124.91	963.16	9,942.56	9,869.44	73.12	135.969		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	76.34	227.71	937.18	965.16					
100.00	100.00	65.20	65.20	3.28	3.28	76.34	227.77	937.09	964.38	957.81	6.57	146.836		
200.00	200.00	167.78	167.78	3.34	3.32	76.32	228.04	936.63	964.00	957.34	6.66	144.834		
300.00	300.00	267.02	267.02	3.44	3.41	76.30	228.24	936.06	963.50	956.64	6.85	140.564		
400.00	399.98	363.13	363.13	3.60	3.54	-60.22	228.32	935.80	962.38	955.24	7.14	134.785		
500.00	499.84	457.21	457.20	3.79	3.71	-60.51	228.35	936.05	960.06	952.55	7.50	127.975		
600.00	599.45	548.44	548.43	4.03	3.91	-60.96	228.16	937.01	956.76	948.83	7.93	120.592		
700.00	698.70	640.35	640.32	4.30	4.14	-61.57	227.83	938.95	952.81	944.38	8.43	112.968		
800.00	797.47	736.34	736.27	4.60	4.41	-62.39	227.36	941.49	947.84	938.83	9.01	105.251		
900.00	895.62	833.17	833.06	4.94	4.71	-63.41	226.68	944.34	941.68	932.04	9.63	97.738		
1,000.00	993.06	931.33	931.17	5.32	5.02	-64.66	225.96	947.42	934.44	924.12	10.32	90.546		
1,100.00	1,089.64	1,031.23	1,031.02	5.73	5.36	-66.16	224.95	950.30	925.83	914.77	11.06	83.703		
1,131.50	1,119.87	1,060.97	1,060.75	5.87	5.46	-66.65	224.62	951.17	922.93	911.63	11.30	81.685		
1,200.00	1,185.51	1,125.75	1,125.50	6.18	5.68	-67.64	223.89	953.13	916.77	904.95	11.83	77.505		
1,300.00	1,281.33	1,221.93	1,221.63	6.65	6.03	-69.14	223.01	956.13	908.48	895.84	12.64	71.899		
1,400.00	1,377.14	1,321.77	1,321.41	7.13	6.39	-70.72	222.00	958.99	900.61	887.12	13.48	66.798		
1,500.00	1,472.96	1,417.92	1,417.53	7.63	6.75	-72.28	221.31	961.50	893.31	878.97	14.34	62.296		
1,600.00	1,568.78	1,513.96	1,513.53	8.14	7.11	-73.88	220.76	964.01	886.81	871.60	15.22	58.284		
1,700.00	1,664.60	1,615.00	1,614.55	8.66	7.50	-75.59	220.22	966.38	880.86	864.74	16.12	54.628		
1,800.00	1,760.41	1,721.34	1,720.88	9.19	7.91	-77.45	219.60	967.75	874.78	857.71	17.06	51.262		
1,900.00	1,856.23	1,821.92	1,821.45	9.73	8.30	-79.25	218.80	968.21	868.73	850.74	17.99	48.277		
2,000.00	1,952.05	1,918.29	1,917.82	10.27	8.67	-81.00	217.90	968.42	863.28	844.36	18.92	45.631		
2,100.00	2,047.86	2,012.00	2,011.52	10.81	9.04	-82.72	217.29	968.68	858.89	839.05	19.84	43.289		
2,200.00	2,143.68	2,113.10	2,112.62	11.36	9.45	-84.61	216.57	968.74	855.20	834.40	20.79	41.126		
2,300.00	2,239.50	2,206.24	2,205.76	11.92	9.82	-86.36	215.87	968.73	852.34	830.62	21.72	39.236		
2,400.00	2,335.32	2,301.37	2,300.88	12.47	10.20	-88.15	215.26	968.83	850.56	827.89	22.66	37.531		
2,489.26	2,420.84	2,383.08	2,382.60	12.97	10.53	-89.71	214.97	969.00	849.99	826.50	23.49	36.185 CC		
2,500.00	2,431.13	2,392.91	2,392.43	13.03	10.57	-89.90	214.97	969.03	849.99	826.40	23.59	36.032		
2,600.00	2,526.95	2,487.59	2,487.10	13.59	10.96	-91.71	215.04	969.34	850.71	826.18	24.53	34.682 ES		
2,700.00	2,622.77	2,584.89	2,584.41	14.15	11.35	-93.57	215.13	969.61	852.36	826.88	25.48	33.455		
2,800.00	2,718.59	2,684.06	2,683.57	14.72	11.76	-95.47	215.07	969.65	854.69	828.26	26.43	32.335		
2,900.00	2,814.40	2,782.25	2,781.76	15.29	12.16	-97.34	214.81	969.37	857.62	830.24	27.38	31.322		
3,000.00	2,910.22	2,883.46	2,882.97	15.85	12.58	-99.26	214.23	968.83	861.11	832.77	28.34	30.386		
3,100.00	3,006.04	2,983.32	2,982.82	16.42	12.99	-101.11	212.94	968.25	864.95	835.66	29.29	29.531		
3,200.00	3,101.85	3,072.58	3,072.07	16.99	13.36	-102.75	211.83	967.78	869.75	839.56	30.19	28.809		
3,300.00	3,197.67	3,167.19	3,166.68	17.56	13.75	-104.47	211.31	967.52	876.11	845.00	31.11	28.163		
3,400.00	3,293.49	3,261.31	3,260.80	18.14	14.14	-106.15	210.62	967.45	883.29	851.27	32.02	27.585		
3,500.00	3,389.31	3,354.29	3,353.77	18.71	14.53	-107.76	210.07	967.86	891.65	858.73	32.92	27.084		
3,600.00	3,485.12	3,446.22	3,445.69	19.28	14.91	-109.29	209.53	968.94	901.11	867.30	33.81	26.651		
3,700.00	3,580.94	3,544.85	3,544.31	19.86	15.32	-110.85	208.99	970.94	911.69	876.96	34.74	26.246		
3,800.00	3,676.76	3,650.83	3,650.24	20.43	15.77	-112.46	207.22	973.04	921.90	886.20	35.70	25.824		
3,900.00	3,772.58	3,745.12	3,744.52	21.01	16.16	-113.93	205.68	973.77	932.35	895.75	36.59	25.479		
4,000.00	3,868.39	3,835.29	3,834.69	21.58	16.54	-115.32	204.88	974.38	944.08	906.63	37.45	25.206		
4,100.00	3,964.21	3,927.86	3,927.26	22.16	16.93	-116.75	204.63	974.54	956.88	918.56	38.32	24.969		
4,200.00	4,060.03	4,021.55	4,020.95	22.74	17.32	-118.17	204.73	974.83	970.72	931.53	39.19	24.767		
4,300.00	4,155.85	4,122.35	4,121.75	23.32	17.74	-119.65	204.61	974.95	984.93	944.83	40.11	24.558		
4,400.00	4,251.66	4,220.76	4,220.15	23.89	18.16	-121.08	204.27	974.76	999.47	958.47	41.00	24.378		
4,500.00	4,347.48	4,322.36	4,321.75	24.47	18.59	-122.52	203.50	974.22	1,014.14	972.23	41.91	24.198		
4,600.00	4,443.30	4,424.56	4,423.94	25.05	19.02	-123.93	202.30	973.57	1,028.99	986.16	42.82	24.029		
4,700.00	4,539.11	4,524.41	4,523.75	25.63	19.51	-125.51	199.26	972.39	1,043.00	999.18	43.82	23.801		
4,800.00	4,634.93	4,619.97	4,619.26	26.21	20.01	-127.05	193.76	970.56	1,055.44	1,010.64	44.81	23.556		
4,900.00	4,730.75	4,712.55	4,711.84	26.79	20.45	-128.35	187.50	969.01	1,067.05	1,021.34	45.71	23.344		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	4,826.57	4,856.76	4,855.56	27.37	20.85	-129.48	181.64	968.21	1,079.13	1,032.56	46.57	23.171		
5,100.00	4,922.38	4,948.38	4,947.02	27.95	21.24	-130.55	176.26	967.64	1,092.01	1,044.59	47.42	23.028		
5,200.00	5,018.20	5,035.19	5,033.71	28.53	21.61	-131.56	171.72	966.80	1,105.93	1,057.69	48.24	22.928		
5,300.00	5,114.02	5,118.12	5,116.57	29.11	21.96	-132.51	168.36	966.04	1,121.40	1,072.39	49.02	22.877		
5,400.00	5,209.84	5,204.26	5,202.66	29.69	22.33	-133.48	165.74	965.17	1,138.26	1,088.45	49.81	22.852		
5,500.00	5,305.65	5,285.10	5,283.48	30.27	22.67	-134.37	164.19	964.19	1,156.59	1,106.04	50.56	22.877		
5,600.00	5,401.47	5,373.81	5,372.18	30.86	23.04	-135.33	163.40	962.92	1,176.30	1,124.95	51.35	22.906		
5,700.00	5,497.29	5,458.00	5,456.36	31.44	23.40	-136.23	163.17	961.46	1,197.00	1,144.89	52.11	22.973		
5,800.00	5,593.10	5,540.47	5,538.80	32.02	23.74	-137.10	163.87	959.76	1,219.12	1,166.29	52.83	23.074		
5,900.00	5,688.92	5,631.65	5,629.94	32.60	24.12	-138.03	165.45	957.82	1,242.45	1,188.81	53.64	23.164		
6,000.00	5,784.74	5,746.31	5,744.58	33.18	24.61	-139.14	166.57	955.74	1,265.40	1,210.75	54.65	23.155		
6,100.00	5,880.56	5,856.91	5,855.17	33.76	25.07	-140.17	165.89	953.92	1,287.09	1,231.47	55.62	23.141		
6,200.00	5,976.37	5,957.09	5,955.33	34.35	25.50	-141.04	164.70	952.99	1,308.50	1,251.99	56.51	23.155		
6,300.00	6,072.19	6,050.65	6,048.88	34.93	25.90	-141.82	163.47	952.13	1,330.04	1,272.70	57.34	23.194		
6,400.00	6,168.01	6,143.06	6,141.28	35.51	26.29	-142.57	162.62	951.49	1,352.18	1,294.01	58.17	23.245		
6,500.00	6,263.83	6,239.85	6,238.07	36.09	26.70	-143.32	161.78	950.79	1,374.61	1,315.58	59.03	23.285		
6,600.00	6,359.64	6,336.40	6,334.61	36.68	27.11	-144.05	160.80	949.95	1,397.14	1,337.25	59.89	23.327		
6,700.00	6,455.46	6,431.49	6,429.69	37.26	27.51	-144.75	159.91	949.19	1,419.97	1,359.22	60.74	23.376		
6,733.48	6,487.54	6,464.34	6,462.54	37.45	27.65	-144.99	159.60	948.96	1,427.64	1,366.60	61.04	23.390		
6,750.00	6,503.41	6,480.60	6,478.80	37.55	27.72	-149.34	159.45	948.86	1,431.40	1,370.22	61.18	23.396		
6,800.00	6,551.83	6,528.54	6,526.73	37.82	27.92	-165.51	158.97	948.58	1,442.43	1,380.83	61.60	23.416		
6,850.00	6,600.62	6,575.75	6,573.95	38.05	28.12	174.11	158.56	948.33	1,452.91	1,390.90	62.00	23.432		
6,900.00	6,649.47	6,624.30	6,622.49	38.25	28.33	152.93	158.18	948.08	1,462.75	1,400.33	62.42	23.436		
6,950.00	6,698.08	6,673.99	6,672.18	38.42	28.54	135.42	157.76	947.74	1,471.86	1,409.02	62.84	23.423		
7,000.00	6,746.15	6,721.97	6,720.15	38.57	28.75	122.86	157.32	947.34	1,480.22	1,416.96	63.25	23.402		
7,050.00	6,793.39	6,767.81	6,765.99	38.71	28.94	114.24	156.92	946.86	1,487.92	1,424.25	63.67	23.371		
7,100.00	6,839.50	6,813.20	6,811.37	38.84	29.13	108.31	156.56	946.29	1,495.02	1,430.92	64.09	23.325		
7,150.00	6,884.20	6,858.66	6,856.83	38.97	29.33	104.20	156.19	945.65	1,501.55	1,437.00	64.55	23.262		
7,200.00	6,927.21	6,902.53	6,900.70	39.11	29.51	101.32	155.82	944.97	1,507.59	1,442.57	65.02	23.185		
7,250.00	6,968.28	6,942.64	6,940.80	39.25	29.68	99.25	155.49	944.37	1,513.30	1,447.80	65.50	23.103		
7,300.00	7,007.13	6,980.64	6,978.79	39.41	29.84	97.77	155.22	943.86	1,518.83	1,452.82	66.00	23.011		
7,350.00	7,043.55	7,017.34	7,015.49	39.58	30.00	96.74	154.99	943.44	1,524.31	1,457.76	66.54	22.907		
7,400.00	7,077.29	7,052.54	7,050.69	39.77	30.15	96.03	154.75	943.11	1,529.85	1,462.73	67.12	22.791		
7,450.00	7,108.16	7,084.65	7,082.79	39.98	30.29	95.50	154.52	942.87	1,535.61	1,467.88	67.73	22.671		
7,500.00	7,135.96	7,113.14	7,111.28	40.22	30.41	95.07	154.29	942.70	1,541.74	1,473.37	68.37	22.550		
7,550.00	7,160.53	7,137.98	7,136.12	40.49	30.51	94.66	154.10	942.56	1,548.37	1,479.34	69.03	22.429		
7,600.00	7,181.70	7,159.43	7,157.57	40.79	30.60	94.24	153.93	942.44	1,555.62	1,485.90	69.72	22.311		
7,650.00	7,199.35	7,177.37	7,175.51	41.13	30.68	93.76	153.79	942.34	1,563.59	1,493.16	70.43	22.199		
7,700.00	7,213.38	7,191.68	7,189.82	41.51	30.74	93.19	153.68	942.26	1,572.33	1,501.17	71.16	22.096		
7,750.00	7,223.68	7,202.27	7,200.41	41.93	30.79	92.51	153.59	942.20	1,581.88	1,509.99	71.89	22.005		
7,800.00	7,230.21	7,209.09	7,207.22	42.38	30.82	91.69	153.54	942.16	1,592.24	1,519.63	72.61	21.929		
7,850.00	7,232.92	7,212.08	7,210.21	42.87	30.83	90.74	153.52	942.15	1,603.37	1,530.06	73.32	21.870		
7,858.69	7,233.00	7,212.02	7,210.34	42.95	30.83	90.56	153.52	942.15	1,605.38	1,531.95	73.43	21.861		
7,900.00	7,233.10	7,212.54	7,210.68	43.38	30.83	90.57	153.51	942.15	1,615.49	1,541.48	74.01	21.829		
8,000.00	7,233.35	7,213.34	7,211.48	44.56	30.83	90.60	153.51	942.14	1,644.00	1,568.60	75.40	21.805 SF		
8,100.00	7,233.60	7,214.15	7,212.29	45.91	30.84	90.63	153.50	942.14	1,678.00	1,601.23	76.77	21.858		
8,200.00	7,233.85	7,214.96	7,213.09	47.41	30.84	90.66	153.50	942.13	1,717.15	1,639.06	78.09	21.990		
8,300.00	7,234.10	7,215.76	7,213.90	49.05	30.84	90.69	153.49	942.13	1,761.12	1,681.78	79.34	22.196		
8,400.00	7,234.35	7,216.57	7,214.71	50.81	30.85	90.72	153.48	942.12	1,809.55	1,729.03	80.52	22.474		
8,500.00	7,234.59	7,217.37	7,215.51	52.68	30.85	90.75	153.48	942.12	1,862.10	1,780.49	81.61	22.818		
8,600.00	7,234.84	7,218.18	7,216.32	54.65	30.85	90.78	153.47	942.11	1,918.42	1,835.81	82.61	23.224		
8,700.00	7,235.09	7,218.99	7,217.12	56.70	30.86	90.81	153.46	942.11	1,978.20	1,894.68	83.52	23.686		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,235.34	7,219.79	7,217.93	58.82	30.86	90.84	153.46	942.10	2,041.12	1,956.78	84.34	24.200		
8,900.00	7,235.59	7,220.60	7,218.74	61.01	30.86	90.87	153.45	942.10	2,106.92	2,021.83	85.09	24.761		
9,000.00	7,235.84	7,221.40	7,219.54	63.25	30.87	90.90	153.44	942.10	2,175.32	2,089.56	85.76	25.365		
9,100.00	7,236.09	7,222.21	7,220.35	65.55	30.87	90.93	153.44	942.09	2,246.10	2,159.73	86.36	26.007		
9,200.00	7,236.34	7,223.02	7,221.15	67.89	30.87	90.96	153.43	942.09	2,319.03	2,232.12	86.91	26.684		
9,300.00	7,236.58	7,223.82	7,221.96	70.27	30.88	90.99	153.43	942.08	2,393.91	2,306.52	87.39	27.393		
9,400.00	7,236.83	7,224.63	7,222.77	72.69	30.88	91.02	153.42	942.08	2,470.57	2,382.74	87.83	28.130		
9,500.00	7,237.08	7,225.43	7,223.57	75.14	30.89	91.05	153.41	942.07	2,548.85	2,460.63	88.22	28.892		
9,600.00	7,237.33	7,226.24	7,224.38	77.62	30.89	91.08	153.41	942.07	2,628.60	2,540.03	88.57	29.679		
9,700.00	7,237.58	7,227.05	7,225.18	80.12	30.89	91.10	153.40	942.06	2,709.70	2,620.82	88.88	30.486		
9,800.00	7,237.83	7,227.85	7,225.99	82.65	30.90	91.13	153.39	942.06	2,792.02	2,702.85	89.17	31.312		
9,900.00	7,238.08	7,228.66	7,226.79	85.20	30.90	91.16	153.39	942.06	2,875.46	2,786.04	89.42	32.156		
10,000.00	7,238.32	7,229.46	7,227.60	87.77	30.90	91.19	153.38	942.05	2,959.93	2,870.28	89.65	33.016		
10,100.00	7,238.57	7,230.27	7,228.41	90.36	30.91	91.22	153.38	942.05	3,045.34	2,955.49	89.86	33.891		
10,200.00	7,238.82	7,231.07	7,229.21	92.97	30.91	91.25	153.37	942.04	3,131.62	3,041.57	90.05	34.778		
10,300.00	7,239.07	7,231.88	7,230.02	95.59	30.91	91.28	153.36	942.04	3,218.68	3,128.47	90.22	35.678		
10,400.00	7,239.32	7,232.69	7,230.82	98.22	30.92	91.31	153.36	942.03	3,306.48	3,216.11	90.37	36.588		
10,500.00	7,239.57	7,233.49	7,231.63	100.87	30.92	91.34	153.35	942.03	3,394.96	3,304.45	90.51	37.509		
10,600.00	7,239.82	7,234.30	7,232.43	103.52	30.92	91.37	153.34	942.02	3,484.06	3,393.42	90.64	38.439		
10,700.00	7,240.07	7,235.10	7,233.24	106.19	30.93	91.40	153.34	942.02	3,573.73	3,482.97	90.76	39.377		
10,800.00	7,240.31	7,235.91	7,234.05	108.87	30.93	91.43	153.33	942.01	3,663.94	3,573.08	90.86	40.323		
10,900.00	7,240.56	7,236.71	7,234.85	111.56	30.93	91.46	153.32	942.01	3,754.64	3,663.68	90.96	41.277		
11,000.00	7,240.81	7,237.52	7,235.66	114.25	30.94	91.49	153.32	942.01	3,845.81	3,754.75	91.05	42.236		
11,100.00	7,241.06	7,238.33	7,236.46	116.96	30.94	91.52	153.31	942.00	3,937.40	3,846.26	91.14	43.202		
11,200.00	7,241.31	7,239.13	7,237.27	119.67	30.94	91.55	153.31	942.00	4,029.40	3,938.18	91.22	44.174		
11,300.00	7,241.56	7,239.94	7,238.07	122.39	30.95	91.58	153.30	941.99	4,121.76	4,030.47	91.29	45.150		
11,400.00	7,241.81	7,240.74	7,238.88	125.11	30.95	91.61	153.29	941.99	4,214.48	4,123.12	91.36	46.131		
11,500.00	7,242.06	7,241.55	7,239.68	127.84	30.95	91.64	153.29	941.98	4,307.52	4,216.10	91.42	47.116		
11,600.00	7,242.30	7,242.35	7,240.49	130.58	30.96	91.67	153.28	941.98	4,400.86	4,309.38	91.48	48.106		
11,700.00	7,242.55	7,243.16	7,241.30	133.32	30.96	91.70	153.27	941.97	4,494.50	4,402.96	91.54	49.099		
11,800.00	7,242.80	7,243.96	7,242.10	136.07	30.96	91.73	153.27	941.97	4,588.40	4,496.80	91.59	50.095		
11,900.00	7,243.05	7,244.77	7,242.91	138.82	30.97	91.76	153.26	941.97	4,682.55	4,590.90	91.65	51.094		
12,000.00	7,243.30	7,245.58	7,243.71	141.58	30.97	91.78	153.26	941.96	4,776.94	4,685.25	91.69	52.096		
12,100.00	7,243.55	7,246.38	7,244.52	144.34	30.97	91.81	153.25	941.96	4,871.55	4,779.81	91.74	53.101		
12,200.00	7,243.80	7,247.19	7,245.32	147.10	30.98	91.84	153.24	941.95	4,966.38	4,874.59	91.79	54.108		
12,300.00	7,244.04	7,247.99	7,246.13	149.87	30.98	91.87	153.24	941.95	5,061.40	4,969.57	91.83	55.117		
12,400.00	7,244.29	7,248.80	7,246.93	152.64	30.98	91.90	153.23	941.94	5,156.62	5,064.74	91.87	56.128		
12,500.00	7,244.54	7,249.60	7,247.74	155.41	30.99	91.93	153.22	941.94	5,252.01	5,160.09	91.91	57.141		
12,600.00	7,244.79	7,250.41	7,248.54	158.19	30.99	91.96	153.22	941.93	5,347.56	5,255.61	91.95	58.156		
12,700.00	7,245.04	7,251.21	7,249.35	160.97	30.99	91.99	153.21	941.93	5,443.28	5,351.29	91.99	59.171		
12,800.00	7,245.29	7,252.02	7,250.15	163.75	31.00	92.02	153.21	941.92	5,539.15	5,447.12	92.03	60.189		
12,900.00	7,245.54	7,252.82	7,250.96	166.54	31.00	92.05	153.20	941.92	5,635.16	5,543.10	92.07	61.207		
13,000.00	7,245.79	7,253.63	7,251.77	169.33	31.01	92.08	153.19	941.92	5,731.31	5,639.21	92.10	62.226		
13,100.00	7,246.03	7,254.43	7,252.57	172.12	31.01	92.11	153.19	941.91	5,827.59	5,735.45	92.14	63.246		
13,200.00	7,246.28	7,255.24	7,253.38	174.91	31.01	92.14	153.18	941.91	5,923.99	5,831.81	92.18	64.267		
13,300.00	7,246.53	7,256.04	7,254.18	177.71	31.02	92.17	153.17	941.90	6,020.51	5,928.30	92.21	65.289		
13,400.00	7,246.78	7,256.85	7,254.99	180.50	31.02	92.20	153.17	941.90	6,117.14	6,024.89	92.25	66.311		
13,500.00	7,247.03	7,257.65	7,255.79	183.30	31.02	92.23	153.16	941.89	6,213.88	6,121.59	92.29	67.333		
13,600.00	7,247.28	7,258.46	7,256.60	186.10	31.03	92.26	153.15	941.89	6,310.72	6,218.40	92.32	68.356		
13,700.00	7,247.53	7,259.27	7,257.40	188.91	31.03	92.29	153.15	941.88	6,407.65	6,315.29	92.36	69.379		
13,800.00	7,247.77	7,260.07	7,258.21	191.71	31.03	92.32	153.14	941.88	6,504.68	6,412.29	92.39	70.403		
13,900.00	7,248.02	7,260.88	7,259.01	194.52	31.04	92.35	153.14	941.88	6,601.80	6,509.37	92.43	71.426		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	7,261.68	7,259.82	197.32	31.04	92.38	153.13	941.87	6,699.00	6,606.53	92.46	72.449		
14,100.00	7,248.52	7,262.49	7,260.62	200.13	31.04	92.40	153.12	941.87	6,796.28	6,703.78	92.50	73.473		
14,200.00	7,248.77	7,263.29	7,261.43	202.94	31.05	92.43	153.12	941.86	6,893.64	6,801.10	92.54	74.496		
14,300.00	7,249.02	7,264.10	7,262.23	205.76	31.05	92.46	153.11	941.86	6,991.08	6,898.50	92.57	75.519		
14,400.00	7,249.27	7,264.90	7,263.04	208.57	31.05	92.49	153.10	941.85	7,088.58	6,995.97	92.61	76.541		
14,500.00	7,249.52	7,265.71	7,263.84	211.38	31.06	92.52	153.10	941.85	7,186.16	7,093.51	92.65	77.564		
14,600.00	7,249.76	7,266.51	7,264.65	214.20	31.06	92.55	153.09	941.84	7,283.80	7,191.11	92.69	78.585		
14,700.00	7,250.01	7,267.32	7,265.45	217.02	31.06	92.58	153.09	941.84	7,381.50	7,288.78	92.72	79.607		
14,800.00	7,250.26	7,268.12	7,266.26	219.84	31.07	92.61	153.08	941.83	7,479.27	7,386.50	92.76	80.628		
14,900.00	7,250.51	7,268.93	7,267.06	222.65	31.07	92.64	153.07	941.83	7,577.09	7,484.29	92.80	81.648		
15,000.00	7,250.76	7,269.73	7,267.87	225.48	31.07	92.67	153.07	941.83	7,674.97	7,582.13	92.84	82.668		
15,100.00	7,251.01	7,270.54	7,268.67	228.30	31.08	92.70	153.06	941.82	7,772.90	7,680.02	92.88	83.687		
15,200.00	7,251.26	7,271.34	7,269.48	231.12	31.08	92.73	153.05	941.82	7,870.88	7,777.96	92.92	84.705		
15,300.00	7,251.50	7,272.15	7,270.28	233.94	31.08	92.76	153.05	941.81	7,968.92	7,875.96	92.96	85.723		
15,400.00	7,251.75	7,272.95	7,271.09	236.77	31.09	92.79	153.04	941.81	8,067.00	7,974.00	93.00	86.740		
15,500.00	7,252.00	7,273.76	7,271.89	239.59	31.09	92.82	153.03	941.80	8,165.13	8,072.08	93.04	87.755		
15,600.00	7,252.25	7,274.56	7,272.70	242.42	31.09	92.85	153.03	941.80	8,263.30	8,170.22	93.09	88.770		
15,700.00	7,252.50	7,275.37	7,273.50	245.24	31.10	92.88	153.02	941.79	8,361.52	8,268.39	93.13	89.784		
15,800.00	7,252.75	7,276.17	7,274.31	248.07	31.10	92.91	153.02	941.79	8,459.78	8,366.61	93.17	90.798		
15,900.00	7,253.00	7,276.97	7,275.11	250.90	31.10	92.94	153.01	941.79	8,558.08	8,464.86	93.22	91.810		
16,000.00	7,253.25	7,277.78	7,275.91	253.73	31.11	92.97	153.00	941.78	8,656.41	8,563.15	93.26	92.821		
16,100.00	7,253.49	7,278.58	7,276.72	256.56	31.11	92.99	153.00	941.78	8,754.79	8,661.48	93.30	93.830		
16,200.00	7,253.74	7,279.39	7,277.52	259.39	31.11	93.02	152.99	941.77	8,853.20	8,759.85	93.35	94.839		
16,300.00	7,253.99	7,280.19	7,278.33	262.22	31.12	93.05	152.98	941.77	8,951.65	8,858.25	93.40	95.847		
16,400.00	7,254.24	7,281.00	7,279.13	265.05	31.12	93.08	152.98	941.76	9,050.13	8,956.69	93.44	96.853		
16,500.00	7,254.49	7,281.80	7,279.94	267.88	31.13	93.11	152.97	941.76	9,148.64	9,055.15	93.49	97.858		
16,600.00	7,254.74	7,282.61	7,280.74	270.72	31.13	93.14	152.97	941.75	9,247.19	9,153.65	93.54	98.862		
16,700.00	7,254.99	7,283.41	7,281.55	273.55	31.13	93.17	152.96	941.75	9,345.76	9,252.18	93.58	99.865		
16,800.00	7,255.24	7,284.22	7,282.35	276.38	31.14	93.20	152.95	941.74	9,444.37	9,350.74	93.63	100.866		
16,900.00	7,255.48	7,285.02	7,283.16	279.22	31.14	93.23	152.95	941.74	9,543.00	9,449.32	93.68	101.866		
17,000.00	7,255.73	7,285.83	7,283.96	282.05	31.14	93.26	152.94	941.74	9,641.67	9,547.94	93.73	102.865		
17,100.00	7,255.98	7,286.63	7,284.77	284.89	31.15	93.29	152.93	941.73	9,740.36	9,646.58	93.78	103.862		
17,200.00	7,256.23	7,287.44	7,285.57	287.73	31.15	93.32	152.93	941.73	9,839.07	9,745.24	93.83	104.858		
17,300.00	7,256.48	7,288.24	7,286.37	290.56	31.15	93.35	152.92	941.72	9,937.82	9,843.93	93.88	105.852		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	102.09	-340.21	1,588.52	1,625.22					
100.00	100.00	58.73	58.73	3.28	3.28	102.09	-340.11	1,588.43	1,624.45	1,617.88	6.57	247.359		
200.00	200.00	155.17	155.17	3.34	3.31	102.07	-339.70	1,588.11	1,624.04	1,617.39	6.65	244.294		
218.00	218.00	171.00	171.00	3.35	3.32	102.07	-339.65	1,588.11	1,624.03	1,617.36	6.67	243.365		
300.00	300.00	251.05	251.04	3.44	3.39	102.07	-339.55	1,588.27	1,624.16	1,617.32	6.84	237.595		
400.00	399.98	353.55	353.55	3.60	3.53	-34.38	-339.61	1,588.28	1,622.74	1,615.61	7.12	227.782		
500.00	499.84	444.55	444.55	3.79	3.69	-34.53	-339.49	1,588.38	1,618.52	1,611.04	7.48	216.450		
600.00	599.45	527.94	527.93	4.03	3.87	-34.77	-338.89	1,589.39	1,612.38	1,604.49	7.89	204.384		
700.00	698.70	613.12	613.09	4.30	4.07	-35.11	-338.34	1,591.21	1,604.32	1,595.95	8.37	191.756		
800.00	797.47	697.33	697.26	4.60	4.30	-35.54	-337.87	1,593.77	1,594.37	1,585.47	8.90	179.222		
900.00	895.62	788.44	788.30	4.94	4.58	-36.09	-337.32	1,597.20	1,582.37	1,572.87	9.49	166.678		
1,000.00	993.06	885.48	885.26	5.32	4.89	-36.79	-336.68	1,601.13	1,567.96	1,557.80	10.15	154.409		
1,100.00	1,089.64	979.42	979.12	5.73	5.20	-37.60	-335.92	1,605.05	1,551.03	1,540.18	10.85	142.954		
1,131.50	1,119.87	1,007.96	1,007.63	5.87	5.30	-37.87	-335.66	1,606.29	1,545.23	1,534.15	11.08	139.513		
1,200.00	1,185.51	1,066.44	1,066.04	6.18	5.50	-38.29	-335.42	1,608.98	1,532.60	1,521.04	11.56	132.594		
1,300.00	1,281.33	1,157.66	1,157.15	6.65	5.83	-38.92	-335.71	1,613.53	1,514.82	1,502.52	12.31	123.095		
1,400.00	1,377.14	1,248.98	1,248.35	7.13	6.17	-39.58	-335.88	1,618.32	1,497.50	1,484.42	13.08	114.485		
1,500.00	1,472.96	1,337.15	1,336.36	7.63	6.51	-40.24	-335.83	1,623.44	1,480.91	1,467.04	13.87	106.796		
1,600.00	1,568.78	1,423.35	1,422.38	8.14	6.84	-40.92	-335.33	1,629.02	1,465.17	1,450.50	14.67	99.903		
1,700.00	1,664.60	1,506.92	1,505.72	8.66	7.18	-41.59	-334.88	1,635.17	1,450.54	1,435.06	15.47	93.750		
1,800.00	1,760.41	1,597.74	1,596.25	9.19	7.56	-42.34	-333.99	1,642.47	1,436.81	1,420.49	16.32	88.041		
1,900.00	1,856.23	1,691.02	1,689.19	9.73	7.95	-43.14	-332.91	1,650.30	1,423.73	1,406.54	17.19	82.824		
2,000.00	1,952.05	1,791.84	1,789.66	10.27	8.37	-43.98	-332.64	1,658.73	1,410.96	1,392.86	18.10	77.962		
2,100.00	2,047.86	1,892.48	1,889.97	10.81	8.79	-44.82	-332.93	1,666.83	1,398.19	1,379.18	19.02	73.528		
2,200.00	2,143.68	2,005.27	2,002.45	11.36	9.26	-45.77	-333.13	1,675.17	1,385.08	1,365.10	19.99	69.298		
2,300.00	2,239.50	2,101.61	2,098.56	11.92	9.65	-46.62	-332.93	1,681.77	1,371.75	1,350.84	20.91	65.608		
2,400.00	2,335.32	2,204.10	2,200.82	12.47	10.08	-47.55	-332.51	1,688.58	1,358.53	1,336.67	21.86	62.148		
2,500.00	2,431.13	2,308.15	2,304.67	13.03	10.50	-48.49	-332.45	1,695.02	1,345.18	1,322.36	22.82	58.940		
2,600.00	2,526.95	2,417.31	2,413.67	13.59	10.95	-49.49	-332.81	1,700.98	1,331.45	1,307.64	23.81	55.921		
2,700.00	2,622.77	2,513.47	2,509.71	14.15	11.34	-50.39	-333.11	1,705.84	1,317.66	1,292.90	24.76	53.221		
2,800.00	2,718.59	2,604.48	2,600.59	14.72	11.72	-51.25	-333.35	1,710.63	1,304.41	1,278.71	25.70	50.763		
2,900.00	2,814.40	2,691.76	2,687.72	15.29	12.08	-52.09	-333.70	1,715.75	1,292.10	1,265.47	26.63	48.525		
3,000.00	2,910.22	2,787.88	2,783.65	15.85	12.48	-53.03	-334.21	1,721.81	1,280.55	1,252.95	27.60	46.405		
3,100.00	3,006.04	2,880.06	2,875.63	16.42	12.87	-53.93	-334.80	1,727.79	1,269.53	1,240.98	28.55	44.461		
3,200.00	3,101.85	2,974.06	2,969.40	16.99	13.26	-54.85	-335.64	1,734.26	1,259.22	1,229.70	29.52	42.650		
3,300.00	3,197.67	3,068.87	3,063.98	17.56	13.66	-55.81	-336.22	1,740.93	1,249.47	1,218.97	30.50	40.963		
3,400.00	3,293.49	3,163.80	3,158.67	18.14	14.07	-56.81	-336.02	1,747.65	1,240.30	1,208.81	31.49	39.392		
3,500.00	3,389.31	3,263.20	3,257.81	18.71	14.49	-57.86	-336.29	1,754.82	1,231.57	1,199.08	32.49	37.906		
3,600.00	3,485.12	3,367.11	3,361.47	19.28	14.93	-58.95	-337.02	1,761.97	1,222.86	1,189.35	33.51	36.487		
3,700.00	3,580.94	3,465.07	3,459.22	19.86	15.35	-59.99	-337.85	1,768.31	1,214.14	1,179.62	34.52	35.171		
3,800.00	3,676.76	3,556.50	3,550.42	20.43	15.73	-60.94	-339.20	1,774.59	1,206.06	1,170.55	35.51	33.967		
3,900.00	3,772.58	3,646.36	3,639.98	21.01	16.12	-61.84	-341.33	1,781.54	1,198.96	1,162.47	36.49	32.858		
4,000.00	3,868.39	3,743.44	3,736.65	21.58	16.54	-62.76	-344.86	1,789.90	1,192.70	1,155.20	37.50	31.802		
4,100.00	3,964.21	3,844.47	3,837.17	22.16	16.99	-63.66	-349.90	1,798.59	1,186.37	1,147.83	38.54	30.783		
4,200.00	4,060.03	3,941.39	3,933.61	22.74	17.41	-64.54	-354.59	1,807.00	1,180.44	1,140.88	39.56	29.838		
4,300.00	4,155.85	4,040.92	4,032.70	23.32	17.84	-65.48	-358.96	1,815.36	1,174.71	1,134.11	40.59	28.937		
4,400.00	4,251.66	4,141.52	4,132.88	23.89	18.28	-66.47	-362.81	1,823.54	1,169.23	1,127.59	41.63	28.084		
4,500.00	4,347.48	4,239.79	4,230.79	24.47	18.71	-67.45	-366.57	1,831.14	1,163.72	1,121.06	42.66	27.276		
4,600.00	4,443.30	4,337.06	4,327.71	25.05	19.13	-68.46	-369.54	1,838.77	1,158.95	1,115.26	43.69	26.526		
4,700.00	4,539.11	4,434.14	4,424.48	25.63	19.61	-69.67	-372.85	1,846.51	1,153.72	1,108.94	44.78	25.766		
4,800.00	4,634.93	4,531.86	4,522.02	26.21	20.08	-70.94	-375.54	1,852.30	1,147.61	1,101.76	45.85	25.030		
4,900.00	4,730.75	4,626.49	4,616.56	26.79	20.52	-72.20	-377.43	1,856.27	1,140.98	1,094.08	46.90	24.330		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	4,826.57	4,770.96	4,760.96	27.37	20.95	-73.51	-378.99	1,859.41	1,134.33	1,086.39	47.94	23.661		
5,100.00	4,922.38	4,872.27	4,862.24	27.95	21.37	-74.83	-379.98	1,861.46	1,127.61	1,078.64	48.97	23.025		
5,200.00	5,018.20	4,970.04	4,960.01	28.53	21.77	-76.15	-380.60	1,862.98	1,121.25	1,071.25	50.00	22.426		
5,300.00	5,114.02	5,069.48	5,059.43	29.11	22.18	-77.53	-380.97	1,864.19	1,115.37	1,064.35	51.03	21.859		
5,400.00	5,209.84	5,168.02	5,157.97	29.69	22.59	-78.91	-381.42	1,865.09	1,109.85	1,057.80	52.05	21.323		
5,500.00	5,305.65	5,270.61	5,260.54	30.27	23.01	-80.32	-382.89	1,866.28	1,104.68	1,051.60	53.08	20.813		
5,600.00	5,401.47	5,368.21	5,358.11	30.86	23.42	-81.62	-385.27	1,867.49	1,099.64	1,045.55	54.09	20.331		
5,700.00	5,497.29	5,459.81	5,449.68	31.44	23.80	-82.87	-387.12	1,868.60	1,095.42	1,040.34	55.08	19.887		
5,800.00	5,593.10	5,553.48	5,543.34	32.02	24.19	-84.18	-388.36	1,869.80	1,092.29	1,036.21	56.08	19.478		
5,900.00	5,688.92	5,646.08	5,635.92	32.60	24.57	-85.49	-389.28	1,870.89	1,089.93	1,032.87	57.06	19.100		
6,000.00	5,784.74	5,737.46	5,727.29	33.18	24.95	-86.79	-389.90	1,872.39	1,088.78	1,030.74	58.04	18.759		
6,100.00	5,880.56	5,834.62	5,824.43	33.76	25.36	-88.18	-390.46	1,874.11	1,088.46	1,029.43	59.03	18.439		
6,129.76	5,909.07	5,864.69	5,854.50	33.94	25.48	-88.61	-390.64	1,874.59	1,088.45	1,029.12	59.33	18.346 CC		
6,200.00	5,976.37	5,935.39	5,925.19	34.35	25.78	-89.62	-391.06	1,875.49	1,088.52	1,028.49	60.03	18.133		
6,300.00	6,072.19	6,032.39	6,022.19	34.93	26.18	-91.05	-391.39	1,876.13	1,088.95	1,027.95	61.01	17.850 ES		
6,400.00	6,168.01	6,127.10	6,116.90	35.51	26.57	-92.45	-391.47	1,876.80	1,090.31	1,028.35	61.97	17.595		
6,500.00	6,263.83	6,231.09	6,220.88	36.09	27.01	-93.99	-391.68	1,877.03	1,091.99	1,029.04	62.96	17.345		
6,600.00	6,359.64	6,333.40	6,323.19	36.68	27.44	-95.55	-391.94	1,876.23	1,093.73	1,029.81	63.93	17.109		
6,700.00	6,455.46	6,433.59	6,423.37	37.26	27.85	-97.07	-392.34	1,874.93	1,095.82	1,030.94	64.88	16.889		
6,733.48	6,487.54	6,467.58	6,457.36	37.45	28.00	-97.59	-392.54	1,874.39	1,096.59	1,031.39	65.20	16.818		
6,750.00	6,503.41	6,484.40	6,474.17	37.55	28.07	-101.78	-392.65	1,874.10	1,097.12	1,031.76	65.36	16.786		
6,800.00	6,551.83	6,533.59	6,523.36	37.82	28.27	-117.59	-393.00	1,873.22	1,100.42	1,034.61	65.81	16.721		
6,850.00	6,600.62	6,582.27	6,572.03	38.05	28.48	-137.86	-393.34	1,872.32	1,106.27	1,040.05	66.23	16.705 SF		
6,900.00	6,649.47	6,633.45	6,623.19	38.25	28.69	-159.18	-393.70	1,871.33	1,114.53	1,047.91	66.62	16.729		
6,950.00	6,698.08	6,685.84	6,675.57	38.42	28.91	-177.07	-394.11	1,870.12	1,124.98	1,057.98	67.00	16.790		
7,000.00	6,746.15	6,738.89	6,728.60	38.57	29.13	169.80	-394.59	1,868.67	1,137.51	1,070.13	67.38	16.882		
7,050.00	6,793.39	6,791.68	6,781.36	38.71	29.35	160.42	-395.14	1,866.93	1,152.00	1,084.25	67.75	17.004		
7,100.00	6,839.50	6,838.03	6,827.67	38.84	29.55	153.52	-395.64	1,865.25	1,168.49	1,100.39	68.10	17.158		
7,150.00	6,884.20	6,882.07	6,871.68	38.97	29.73	148.20	-396.06	1,863.66	1,187.09	1,118.64	68.45	17.342		
7,200.00	6,927.21	6,927.71	6,917.29	39.11	29.93	143.93	-396.46	1,861.99	1,207.73	1,138.91	68.82	17.550		
7,250.00	6,968.28	6,973.84	6,963.38	39.25	30.12	140.36	-396.88	1,860.13	1,230.21	1,161.02	69.19	17.780		
7,300.00	7,007.13	7,016.33	7,005.82	39.41	30.30	137.18	-397.30	1,858.26	1,254.50	1,184.94	69.56	18.036		
7,350.00	7,043.55	7,054.31	7,043.76	39.58	30.46	134.17	-397.62	1,856.48	1,280.64	1,210.73	69.91	18.317		
7,400.00	7,077.29	7,110.11	7,079.30	39.77	30.70	131.24	-397.84	1,854.73	1,308.61	1,238.25	70.35	18.600		
7,450.00	7,108.16	7,122.73	7,112.09	39.98	30.75	128.27	-397.99	1,853.05	1,338.31	1,267.69	70.62	18.952		
7,500.00	7,135.96	7,152.62	7,141.95	40.22	30.88	125.19	-398.13	1,851.52	1,369.67	1,298.72	70.95	19.304		
7,550.00	7,160.53	7,179.38	7,168.68	40.49	31.00	121.89	-398.25	1,850.15	1,402.58	1,331.31	71.28	19.678		
7,600.00	7,181.70	7,202.85	7,192.11	40.79	31.10	118.32	-398.36	1,848.95	1,436.92	1,365.34	71.58	20.073		
7,650.00	7,199.35	7,222.88	7,212.12	41.13	31.18	114.41	-398.45	1,847.93	1,472.55	1,400.68	71.87	20.489		
7,700.00	7,213.38	7,239.35	7,228.56	41.51	31.26	110.13	-398.53	1,847.09	1,509.30	1,437.17	72.13	20.924		
7,750.00	7,223.68	7,252.15	7,241.34	41.93	31.31	105.46	-398.59	1,846.43	1,546.98	1,474.62	72.37	21.376		
7,800.00	7,230.21	7,261.21	7,250.39	42.38	31.35	100.42	-398.63	1,845.97	1,585.41	1,512.83	72.58	21.844		
7,850.00	7,232.92	7,266.46	7,255.64	42.87	31.37	95.10	-398.65	1,845.70	1,624.35	1,551.59	72.76	22.326		
7,858.69	7,233.00	7,266.99	7,256.16	42.95	31.37	94.15	-398.66	1,845.68	1,631.16	1,558.37	72.78	22.411		
7,900.00	7,233.10	7,269.20	7,258.37	43.38	31.38	94.27	-398.67	1,845.56	1,663.72	1,590.80	72.91	22.817		
8,000.00	7,233.35	7,274.56	7,263.72	44.56	31.41	94.58	-398.69	1,845.29	1,744.06	1,670.84	73.22	23.819		
8,100.00	7,233.60	7,279.92	7,269.07	45.91	31.43	94.88	-398.71	1,845.02	1,826.33	1,752.82	73.51	24.844		
8,200.00	7,233.85	7,285.27	7,274.42	47.41	31.45	95.18	-398.74	1,844.74	1,910.28	1,836.49	73.79	25.889		
8,300.00	7,234.10	7,290.63	7,279.77	49.05	31.48	95.48	-398.76	1,844.47	1,995.69	1,921.65	74.05	26.952		
8,400.00	7,234.35	7,295.99	7,285.12	50.81	31.50	95.78	-398.79	1,844.19	2,082.39	2,008.10	74.29	28.031		
8,500.00	7,234.59	7,301.34	7,290.47	52.68	31.52	96.08	-398.81	1,843.92	2,170.22	2,095.71	74.52	29.124		
8,600.00	7,234.84	7,306.70	7,295.82	54.65	31.55	96.38	-398.84	1,843.65	2,259.05	2,184.32	74.73	30.230		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,235.09	7,312.06	7,301.17	56.70	31.57	96.68	-398.86	1,843.37	2,348.77	2,273.84	74.93	31.346		
8,800.00	7,235.34	7,317.42	7,306.53	58.82	31.59	96.98	-398.89	1,843.10	2,439.27	2,364.15	75.12	32.472		
8,900.00	7,235.59	7,322.77	7,311.88	61.01	31.61	97.28	-398.91	1,842.83	2,530.48	2,455.18	75.30	33.606		
9,000.00	7,235.84	7,328.13	7,317.23	63.25	31.64	97.57	-398.94	1,842.55	2,622.32	2,546.85	75.47	34.748		
9,100.00	7,236.09	7,333.49	7,322.58	65.55	31.66	97.87	-398.96	1,842.28	2,714.72	2,639.10	75.63	35.897		
9,200.00	7,236.34	7,338.85	7,327.93	67.89	31.68	98.17	-398.99	1,842.00	2,807.64	2,731.86	75.78	37.052		
9,300.00	7,236.58	7,344.20	7,333.28	70.27	31.71	98.47	-399.01	1,841.73	2,901.01	2,825.09	75.92	38.212		
9,400.00	7,236.83	7,349.56	7,338.63	72.69	31.73	98.76	-399.04	1,841.46	2,994.81	2,918.75	76.06	39.376		
9,500.00	7,237.08	7,354.92	7,343.98	75.14	31.75	99.06	-399.06	1,841.18	3,088.98	3,012.80	76.19	40.545		
9,600.00	7,237.33	7,360.28	7,349.33	77.62	31.78	99.36	-399.09	1,840.91	3,183.50	3,107.19	76.31	41.717		
9,700.00	7,237.58	7,365.63	7,354.68	80.12	31.80	99.65	-399.11	1,840.64	3,278.34	3,201.91	76.43	42.893		
9,800.00	7,237.83	7,370.99	7,360.03	82.65	31.82	99.95	-399.13	1,840.36	3,373.47	3,296.92	76.55	44.071		
9,900.00	7,238.08	7,376.35	7,365.38	85.20	31.84	100.24	-399.16	1,840.09	3,468.86	3,392.20	76.66	45.252		
10,000.00	7,238.32	7,381.70	7,370.73	87.77	31.87	100.53	-399.18	1,839.81	3,564.50	3,487.73	76.76	46.435		
10,100.00	7,238.57	7,387.06	7,376.08	90.36	31.89	100.83	-399.21	1,839.54	3,660.36	3,583.49	76.87	47.620		
10,200.00	7,238.82	7,392.42	7,381.43	92.97	31.91	101.12	-399.23	1,839.27	3,756.43	3,679.46	76.97	48.806		
10,300.00	7,239.07	7,397.78	7,386.78	95.59	31.94	101.41	-399.26	1,838.99	3,852.69	3,775.63	77.06	49.993		
10,400.00	7,239.32	7,403.13	7,392.13	98.22	31.96	101.70	-399.28	1,838.72	3,949.13	3,871.97	77.16	51.182		
10,500.00	7,239.57	7,408.49	7,397.48	100.87	31.98	101.99	-399.31	1,838.45	4,045.74	3,968.49	77.25	52.371		
10,600.00	7,239.82	7,413.84	7,402.83	103.52	31.87	100.60	-399.19	1,839.75	4,142.62	4,065.34	77.28	53.606		
10,700.00	7,240.07	7,419.19	7,408.18	106.19	31.87	100.60	-399.19	1,839.75	4,239.56	4,162.20	77.36	54.806		
10,800.00	7,240.31	7,424.54	7,413.53	108.87	31.87	100.60	-399.19	1,839.75	4,336.64	4,259.21	77.43	56.007		
10,900.00	7,240.56	7,429.89	7,418.88	111.56	31.87	100.60	-399.19	1,839.75	4,433.86	4,356.35	77.50	57.209		
11,000.00	7,240.81	7,435.24	7,424.23	114.25	31.87	100.60	-399.19	1,839.75	4,531.19	4,453.62	77.57	58.410		
11,100.00	7,241.06	7,440.59	7,429.58	116.96	31.87	100.60	-399.19	1,839.75	4,628.64	4,550.99	77.65	59.613		
11,200.00	7,241.31	7,445.94	7,434.93	119.67	31.87	100.60	-399.19	1,839.75	4,726.19	4,648.48	77.71	60.815		
11,300.00	7,241.56	7,451.29	7,440.28	122.39	31.87	100.60	-399.19	1,839.75	4,823.85	4,746.07	77.78	62.018		
11,400.00	7,241.81	7,456.64	7,445.63	125.11	31.87	100.60	-399.19	1,839.75	4,921.60	4,843.75	77.85	63.220		
11,500.00	7,242.06	7,461.99	7,450.98	127.84	31.87	100.60	-399.19	1,839.75	5,019.43	4,941.52	77.91	64.423		
11,600.00	7,242.30	7,467.34	7,456.33	130.58	31.87	100.60	-399.19	1,839.75	5,117.36	5,039.38	77.98	65.625		
11,700.00	7,242.55	7,472.69	7,461.68	133.32	31.87	100.60	-399.19	1,839.75	5,215.36	5,137.31	78.04	66.827		
11,800.00	7,242.80	7,478.04	7,467.03	136.07	31.87	100.60	-399.19	1,839.75	5,313.43	5,235.32	78.11	68.028		
11,900.00	7,243.05	7,483.39	7,472.38	138.82	31.87	100.60	-399.19	1,839.75	5,411.57	5,333.41	78.17	69.229		
12,000.00	7,243.30	7,488.74	7,477.73	141.58	31.87	100.60	-399.19	1,839.75	5,509.79	5,431.55	78.23	70.429		
12,100.00	7,243.55	7,494.09	7,483.08	144.34	31.87	100.60	-399.19	1,839.75	5,608.06	5,529.77	78.29	71.628		
12,200.00	7,243.80	7,499.44	7,488.43	147.10	31.87	100.60	-399.19	1,839.75	5,706.40	5,628.04	78.36	72.827		
12,300.00	7,244.04	7,504.79	7,493.78	149.87	31.87	100.60	-399.19	1,839.75	5,804.79	5,726.37	78.42	74.025		
12,400.00	7,244.29	7,510.14	7,499.13	152.64	31.87	100.60	-399.19	1,839.75	5,903.23	5,824.76	78.48	75.222		
12,500.00	7,244.54	7,515.49	7,504.48	155.41	31.87	100.60	-399.19	1,839.75	6,001.73	5,923.19	78.54	76.418		
12,600.00	7,244.79	7,520.84	7,509.83	158.19	31.87	100.60	-399.19	1,839.75	6,100.28	6,021.68	78.60	77.613		
12,700.00	7,245.04	7,526.19	7,515.18	160.97	31.87	100.60	-399.19	1,839.75	6,198.87	6,120.21	78.66	78.806		
12,800.00	7,245.29	7,531.54	7,520.53	163.75	31.87	100.60	-399.19	1,839.75	6,297.51	6,218.79	78.72	79.999		
12,900.00	7,245.54	7,536.89	7,525.88	166.54	31.87	100.60	-399.19	1,839.75	6,396.19	6,317.41	78.78	81.190		
13,000.00	7,245.79	7,542.24	7,531.23	169.33	31.87	100.60	-399.19	1,839.75	6,494.91	6,416.07	78.84	82.380		
13,100.00	7,246.03	7,547.59	7,536.58	172.12	31.87	100.60	-399.19	1,839.75	6,593.66	6,514.76	78.90	83.569		
13,200.00	7,246.28	7,552.94	7,541.93	174.91	31.87	100.60	-399.19	1,839.75	6,692.46	6,613.50	78.96	84.756		
13,300.00	7,246.53	7,558.29	7,547.28	177.71	31.87	100.60	-399.19	1,839.75	6,791.29	6,712.27	79.02	85.942		
13,400.00	7,246.78	7,563.64	7,552.63	180.50	31.87	100.60	-399.19	1,839.75	6,890.15	6,811.07	79.08	87.126		
13,500.00	7,247.03	7,568.99	7,557.98	183.30	31.87	100.60	-399.19	1,839.75	6,989.05	6,909.91	79.14	88.309		
13,600.00	7,247.28	7,574.34	7,563.33	186.10	31.87	100.60	-399.19	1,839.75	7,087.98	7,008.77	79.20	89.490		
13,700.00	7,247.53	7,579.69	7,568.68	188.91	31.87	100.60	-399.19	1,839.75	7,186.94	7,107.67	79.27	90.669		
13,800.00	7,247.77	7,585.04	7,574.03	191.71	31.87	100.60	-399.19	1,839.75	7,285.92	7,206.60	79.33	91.847		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	7,383.00	7,372.02	194.52	31.87	100.60	-399.19	1,839.75	7,384.93	7,305.55	79.39	93.023		
14,000.00	7,248.27	7,383.00	7,372.02	197.32	31.87	100.60	-399.19	1,839.75	7,483.97	7,404.52	79.45	94.197		
14,100.00	7,248.52	7,383.00	7,372.02	200.13	31.87	100.60	-399.19	1,839.75	7,583.04	7,503.53	79.51	95.370		
14,200.00	7,248.77	7,383.00	7,372.02	202.94	31.87	100.60	-399.19	1,839.75	7,682.13	7,602.55	79.57	96.540		
14,300.00	7,249.02	7,383.00	7,372.02	205.76	31.87	100.60	-399.19	1,839.75	7,781.24	7,701.60	79.64	97.709		
14,400.00	7,249.27	7,383.00	7,372.02	208.57	31.87	100.60	-399.19	1,839.75	7,880.37	7,800.67	79.70	98.875		
14,500.00	7,249.52	7,383.00	7,372.02	211.38	31.87	100.60	-399.19	1,839.75	7,979.53	7,899.77	79.76	100.040		
14,600.00	7,249.76	7,383.00	7,372.02	214.20	31.87	100.60	-399.19	1,839.75	8,078.71	7,998.88	79.83	101.203		
14,700.00	7,250.01	7,383.00	7,372.02	217.02	31.87	100.60	-399.19	1,839.75	8,177.90	8,098.01	79.89	102.364		
14,800.00	7,250.26	7,383.00	7,372.02	219.84	31.87	100.60	-399.19	1,839.75	8,277.12	8,197.17	79.96	103.522		
14,900.00	7,250.51	7,383.00	7,372.02	222.65	31.87	100.60	-399.19	1,839.75	8,376.36	8,296.34	80.02	104.679		
15,000.00	7,250.76	7,383.00	7,372.02	225.48	31.87	100.60	-399.19	1,839.75	8,475.61	8,395.52	80.08	105.833		
15,100.00	7,251.01	7,383.00	7,372.02	228.30	31.87	100.60	-399.19	1,839.75	8,574.88	8,494.73	80.15	106.985		
15,200.00	7,251.26	7,383.00	7,372.02	231.12	31.87	100.60	-399.19	1,839.75	8,674.17	8,593.95	80.22	108.135		
15,300.00	7,251.50	7,383.00	7,372.02	233.94	31.87	100.60	-399.19	1,839.75	8,773.47	8,693.19	80.28	109.283		
15,400.00	7,251.75	7,383.00	7,372.02	236.77	31.87	100.60	-399.19	1,839.75	8,872.79	8,792.44	80.35	110.428		
15,500.00	7,252.00	7,383.00	7,372.02	239.59	31.87	100.60	-399.19	1,839.75	8,972.12	8,891.71	80.42	111.571		
15,600.00	7,252.25	7,383.00	7,372.02	242.42	31.87	100.60	-399.19	1,839.75	9,071.47	8,990.99	80.48	112.712		
15,700.00	7,252.50	7,383.00	7,372.02	245.24	31.87	100.60	-399.19	1,839.75	9,170.83	9,090.28	80.55	113.850		
15,800.00	7,252.75	7,383.00	7,372.02	248.07	31.87	100.60	-399.19	1,839.75	9,270.21	9,189.59	80.62	114.987		
15,900.00	7,253.00	7,383.00	7,372.02	250.90	31.87	100.60	-399.19	1,839.75	9,369.60	9,288.91	80.69	116.120		
16,000.00	7,253.25	7,383.00	7,372.02	253.73	31.87	100.60	-399.19	1,839.75	9,469.00	9,388.24	80.76	117.251		
16,100.00	7,253.49	7,383.00	7,372.02	256.56	31.87	100.60	-399.19	1,839.75	9,568.42	9,487.59	80.83	118.380		
16,200.00	7,253.74	7,383.00	7,372.02	259.39	31.87	100.60	-399.19	1,839.75	9,667.84	9,586.95	80.90	119.507		
16,300.00	7,253.99	7,383.00	7,372.02	262.22	31.87	100.60	-399.19	1,839.75	9,767.28	9,686.31	80.97	120.630		
16,400.00	7,254.24	7,383.00	7,372.02	265.05	31.87	100.60	-399.19	1,839.75	9,866.73	9,785.69	81.04	121.752		
16,500.00	7,254.49	7,383.00	7,372.02	267.88	31.87	100.60	-399.19	1,839.75	9,966.19	9,885.08	81.11	122.870		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-162.61	-3,291.85	-1,031.05	3,449.63					
100.00	100.00	75.00	75.00	3.28	3.53	-162.61	-3,291.85	-1,031.05	3,449.54	3,442.72	6.82	506.071		
200.00	200.00	175.00	175.00	3.34	5.46	-162.61	-3,291.85	-1,031.05	3,449.54	3,440.74	8.80	392.170		
300.00	300.00	275.00	275.00	3.44	8.51	-162.61	-3,291.85	-1,031.05	3,449.54	3,437.58	11.96	288.495		
400.00	399.98	374.98	374.98	3.60	11.81	61.03	-3,291.85	-1,031.05	3,448.69	3,433.28	15.41	223.848		
500.00	499.84	474.84	474.84	3.79	15.19	61.15	-3,291.85	-1,031.05	3,446.16	3,427.18	18.98	181.586		
600.00	599.45	574.45	574.45	4.03	18.60	61.35	-3,291.85	-1,031.05	3,441.95	3,419.33	22.62	152.147		
700.00	698.70	673.70	673.70	4.30	22.02	61.63	-3,291.85	-1,031.05	3,436.10	3,409.79	26.31	130.587		
800.00	797.47	772.47	772.47	4.60	25.43	61.99	-3,291.85	-1,031.05	3,428.64	3,398.61	30.03	114.163		
900.00	895.62	870.62	870.62	4.94	28.84	62.43	-3,291.85	-1,031.05	3,419.62	3,385.84	33.77	101.256		
1,000.00	993.06	968.06	968.06	5.32	32.22	62.95	-3,291.85	-1,031.05	3,409.08	3,371.56	37.52	90.854		
1,100.00	1,089.64	1,064.64	1,064.64	5.73	35.57	63.54	-3,291.85	-1,031.05	3,397.11	3,355.83	41.28	82.295		
1,131.50	1,119.87	1,105.13	1,094.87	5.87	36.98	63.74	-3,291.85	-1,031.05	3,393.05	3,350.23	42.82	79.239		
1,200.00	1,185.51	1,160.51	1,160.51	6.18	38.91	64.03	-3,291.85	-1,031.05	3,384.12	3,339.08	45.04	75.132		
1,300.00	1,281.33	1,256.33	1,256.33	6.65	42.24	64.45	-3,291.85	-1,031.05	3,371.25	3,322.42	48.83	69.046		
1,400.00	1,377.14	1,352.14	1,352.14	7.13	45.58	64.88	-3,291.85	-1,031.05	3,358.57	3,305.94	52.63	63.815		
1,500.00	1,472.96	1,447.96	1,447.96	7.63	48.91	65.31	-3,291.85	-1,031.05	3,346.09	3,289.64	56.45	59.277		
1,600.00	1,568.78	1,543.78	1,543.78	8.14	52.25	65.74	-3,291.85	-1,031.05	3,333.81	3,273.53	60.28	55.305		
1,700.00	1,664.60	1,639.60	1,639.60	8.66	55.59	66.17	-3,291.85	-1,031.05	3,321.73	3,257.61	64.12	51.802		
1,800.00	1,760.41	1,735.41	1,735.41	9.19	58.93	66.61	-3,291.85	-1,031.05	3,309.85	3,241.88	67.98	48.692		
1,900.00	1,856.23	1,831.23	1,831.23	9.73	62.27	67.05	-3,291.85	-1,031.05	3,298.18	3,226.35	71.84	45.912		
2,000.00	1,952.05	1,927.05	1,927.05	10.27	65.61	67.50	-3,291.85	-1,031.05	3,286.72	3,211.02	75.70	43.415		
2,100.00	2,047.86	2,022.86	2,022.86	10.81	68.95	67.94	-3,291.85	-1,031.05	3,275.47	3,195.89	79.58	41.160		
2,200.00	2,143.68	2,118.68	2,118.68	11.36	72.29	68.39	-3,291.85	-1,031.05	3,264.43	3,180.97	83.46	39.115		
2,300.00	2,239.50	2,214.50	2,214.50	11.92	75.63	68.84	-3,291.85	-1,031.05	3,253.60	3,166.26	87.34	37.251		
2,400.00	2,335.32	2,310.32	2,310.32	12.47	78.98	69.30	-3,291.85	-1,031.05	3,242.99	3,151.76	91.23	35.547		
2,500.00	2,431.13	2,406.13	2,406.13	13.03	82.32	69.75	-3,291.85	-1,031.05	3,232.60	3,137.47	95.12	33.983		
2,600.00	2,526.95	2,501.95	2,501.95	13.59	85.66	70.21	-3,291.85	-1,031.05	3,222.43	3,123.41	99.02	32.543		
2,700.00	2,622.77	2,602.23	2,597.77	14.15	89.16	70.68	-3,291.85	-1,031.05	3,212.48	3,109.40	103.08	31.166		
2,800.00	2,718.59	2,706.41	2,693.59	14.72	92.79	71.14	-3,291.85	-1,031.05	3,202.75	3,095.49	107.27	29.857		
2,900.00	2,814.40	2,789.40	2,789.40	15.29	95.69	71.61	-3,291.85	-1,031.05	3,193.26	3,082.53	110.73	28.839		
3,000.00	2,910.22	2,885.22	2,885.22	15.85	99.03	72.08	-3,291.85	-1,031.05	3,183.99	3,069.36	114.64	27.775		
3,100.00	3,006.04	2,981.04	2,981.04	16.42	102.38	72.55	-3,291.85	-1,031.05	3,174.95	3,056.41	118.55	26.782		
3,200.00	3,101.85	3,076.85	3,076.85	16.99	105.72	73.03	-3,291.85	-1,031.05	3,166.15	3,043.69	122.46	25.855		
3,300.00	3,197.67	3,172.67	3,172.67	17.56	109.06	73.50	-3,291.85	-1,031.05	3,157.58	3,031.21	126.37	24.986		
3,400.00	3,293.49	3,268.49	3,268.49	18.14	112.41	73.98	-3,291.85	-1,031.05	3,149.25	3,018.96	130.29	24.171		
3,500.00	3,389.31	3,364.31	3,364.31	18.71	115.75	74.47	-3,291.85	-1,031.05	3,141.16	3,006.95	134.21	23.405		
3,600.00	3,485.12	3,460.12	3,460.12	19.28	119.09	74.95	-3,291.85	-1,031.05	3,133.30	2,995.17	138.13	22.684		
3,700.00	3,580.94	3,555.94	3,555.94	19.86	122.44	75.44	-3,291.85	-1,031.05	3,125.69	2,983.64	142.05	22.004		
3,800.00	3,676.76	3,651.76	3,651.76	20.43	125.78	75.93	-3,291.85	-1,031.05	3,118.32	2,972.35	145.97	21.362		
3,900.00	3,772.58	3,747.58	3,747.58	21.01	129.12	76.42	-3,291.85	-1,031.05	3,111.20	2,961.31	149.90	20.755		
4,000.00	3,868.39	3,843.39	3,843.39	21.58	132.47	76.91	-3,291.85	-1,031.05	3,104.33	2,950.51	153.82	20.181		
4,100.00	3,964.21	3,939.21	3,939.21	22.16	135.81	77.41	-3,291.85	-1,031.05	3,097.71	2,939.96	157.75	19.637		
4,200.00	4,060.03	4,035.03	4,035.03	22.74	139.16	77.90	-3,291.85	-1,031.05	3,091.33	2,929.65	161.68	19.120		
4,300.00	4,155.85	4,130.85	4,130.85	23.32	142.50	78.40	-3,291.85	-1,031.05	3,085.21	2,919.60	165.61	18.630		
4,400.00	4,251.66	4,226.66	4,226.66	23.89	145.84	78.90	-3,291.85	-1,031.05	3,079.35	2,909.81	169.54	18.163		
4,500.00	4,347.48	4,322.48	4,322.48	24.47	149.19	79.40	-3,291.85	-1,031.05	3,073.73	2,900.26	173.47	17.719		
4,600.00	4,443.30	4,418.30	4,418.30	25.05	152.53	79.91	-3,291.85	-1,031.05	3,068.38	2,890.98	177.40	17.296		
4,700.00	4,539.11	4,514.11	4,514.11	25.63	155.88	80.41	-3,291.85	-1,031.05	3,063.28	2,881.95	181.33	16.893		
4,800.00	4,634.93	4,609.93	4,609.93	26.21	159.22	80.92	-3,291.85	-1,031.05	3,058.44	2,873.18	185.27	16.508		
4,900.00	4,730.75	4,705.75	4,705.75	26.79	162.57	81.43	-3,291.85	-1,031.05	3,053.87	2,864.67	189.20	16.141		
5,000.00	4,826.57	4,801.57	4,801.57	27.37	165.91	81.94	-3,291.85	-1,031.05	3,049.55	2,856.42	193.13	15.790		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,902.62	4,897.38	27.95	169.44	82.45	-3,291.85	-1,031.05	3,045.50	2,848.25	197.25	15.440		
5,200.00	5,018.20	5,006.80	4,993.20	28.53	173.07	82.96	-3,291.85	-1,031.05	3,041.71	2,840.23	201.48	15.097		
5,300.00	5,114.02	5,089.02	5,089.02	29.11	175.94	83.48	-3,291.85	-1,031.05	3,038.18	2,833.25	204.94	14.825		
5,400.00	5,209.84	5,184.84	5,184.84	29.69	179.29	83.99	-3,291.85	-1,031.05	3,034.93	2,826.05	208.87	14.530		
5,500.00	5,305.65	5,280.65	5,280.65	30.27	182.63	84.51	-3,291.85	-1,031.05	3,031.93	2,819.13	212.81	14.247		
5,600.00	5,401.47	5,376.47	5,376.47	30.86	185.98	85.02	-3,291.85	-1,031.05	3,029.21	2,812.47	216.74	13.976		
5,700.00	5,497.29	5,472.29	5,472.29	31.44	189.32	85.54	-3,291.85	-1,031.05	3,026.75	2,806.08	220.68	13.716		
5,800.00	5,593.10	5,568.10	5,568.10	32.02	192.67	86.06	-3,291.85	-1,031.05	3,024.57	2,799.95	224.61	13.466		
5,900.00	5,688.92	5,663.92	5,663.92	32.60	196.01	86.58	-3,291.85	-1,031.05	3,022.65	2,794.10	228.55	13.225		
6,000.00	5,784.74	5,759.74	5,759.74	33.18	199.35	87.10	-3,291.85	-1,031.05	3,021.00	2,788.52	232.48	12.994		
6,100.00	5,880.56	5,855.56	5,855.56	33.76	202.70	87.62	-3,291.85	-1,031.05	3,019.62	2,783.21	236.42	12.772		
6,200.00	5,976.37	5,951.37	5,951.37	34.35	206.04	88.14	-3,291.85	-1,031.05	3,018.52	2,778.16	240.35	12.559		
6,300.00	6,072.19	6,047.19	6,047.19	34.93	209.39	88.66	-3,291.85	-1,031.05	3,017.68	2,773.39	244.29	12.353		
6,400.00	6,168.01	6,143.01	6,143.01	35.51	212.73	89.18	-3,291.85	-1,031.05	3,017.12	2,768.90	248.22	12.155		
6,500.00	6,263.83	6,238.83	6,238.83	36.09	216.08	89.70	-3,291.85	-1,031.05	3,016.82	2,764.67	252.15	11.964		
6,557.98	6,319.38	6,305.62	6,294.38	36.43	218.41	90.00	-3,291.85	-1,031.05	3,016.78	2,761.95	254.83	11.839		
6,600.00	6,359.64	6,334.64	6,334.64	36.68	219.42	90.22	-3,291.85	-1,031.05	3,016.80	2,760.72	256.09	11.780		
6,700.00	6,455.46	6,430.46	6,430.46	37.26	222.77	90.74	-3,291.85	-1,031.05	3,017.05	2,757.03	260.02	11.603		
6,733.48	6,487.54	6,462.54	6,462.54	37.45	223.89	90.91	-3,291.85	-1,031.05	3,017.20	2,755.86	261.33	11.545		
6,750.00	6,503.41	6,478.41	6,478.41	37.55	224.44	87.09	-3,291.85	-1,031.05	3,017.12	2,755.14	261.98	11.516		
6,800.00	6,551.83	6,526.83	6,526.83	37.82	226.13	72.23	-3,291.85	-1,031.05	3,014.96	2,751.02	263.94	11.423		
6,850.00	6,600.62	6,575.62	6,575.62	38.05	227.83	52.73	-3,291.85	-1,031.05	3,009.91	2,744.04	265.88	11.321		
6,900.00	6,649.47	6,624.47	6,624.47	38.25	229.54	31.98	-3,291.85	-1,031.05	3,001.98	2,734.20	267.78	11.211		
6,950.00	6,698.08	6,673.08	6,673.08	38.42	231.24	14.45	-3,291.85	-1,031.05	2,991.18	2,721.53	269.65	11.093		
7,000.00	6,746.15	6,721.15	6,721.15	38.57	232.91	1.42	-3,291.85	-1,031.05	2,977.58	2,706.11	271.48	10.968		
7,050.00	6,793.39	6,768.39	6,768.39	38.71	234.56	-8.11	-3,291.85	-1,031.05	2,961.26	2,688.00	273.26	10.837		
7,100.00	6,839.50	6,814.50	6,814.50	38.84	236.17	-15.40	-3,291.85	-1,031.05	2,942.32	2,667.31	275.01	10.699		
7,150.00	6,884.20	6,859.20	6,859.20	38.97	237.73	-21.35	-3,291.85	-1,031.05	2,920.89	2,644.18	276.70	10.556		
7,200.00	6,927.21	6,902.21	6,902.21	39.11	239.23	-26.53	-3,291.85	-1,031.05	2,897.11	2,618.77	278.34	10.409		
7,250.00	6,968.28	6,943.28	6,943.28	39.25	240.67	-31.32	-3,291.85	-1,031.05	2,871.16	2,591.24	279.92	10.257		
7,300.00	7,007.13	6,982.13	6,982.13	39.41	242.02	-35.95	-3,291.85	-1,031.05	2,843.23	2,561.80	281.43	10.103		
7,350.00	7,043.55	7,018.55	7,018.55	39.58	243.29	-40.57	-3,291.85	-1,031.05	2,813.54	2,530.67	282.86	9.947		
7,400.00	7,077.29	7,052.29	7,052.29	39.77	244.47	-45.30	-3,291.85	-1,031.05	2,782.30	2,498.08	284.22	9.789		
7,450.00	7,108.16	7,083.16	7,083.16	39.98	245.55	-50.18	-3,291.85	-1,031.05	2,749.78	2,464.28	285.50	9.631		
7,500.00	7,135.96	7,110.96	7,110.96	40.22	246.52	-55.23	-3,291.85	-1,031.05	2,716.23	2,429.54	286.69	9.474		
7,550.00	7,160.53	7,135.53	7,135.53	40.49	247.38	-60.41	-3,291.85	-1,031.05	2,681.91	2,394.12	287.79	9.319		
7,600.00	7,181.70	7,156.70	7,156.70	40.79	248.12	-65.65	-3,291.85	-1,031.05	2,647.11	2,358.30	288.80	9.166		
7,650.00	7,199.35	7,174.35	7,174.35	41.13	248.73	-70.86	-3,291.85	-1,031.05	2,612.10	2,322.39	289.72	9.016		
7,700.00	7,213.38	7,188.38	7,188.38	41.51	249.22	-75.93	-3,291.85	-1,031.05	2,577.18	2,286.65	290.53	8.870		
7,750.00	7,223.68	7,201.32	7,198.68	41.93	249.67	-80.74	-3,291.85	-1,031.05	2,542.63	2,251.29	291.34	8.727		
7,800.00	7,230.21	7,205.21	7,205.21	42.38	249.81	-85.19	-3,291.85	-1,031.05	2,508.73	2,216.86	291.87	8.595		
7,850.00	7,232.92	7,207.92	7,207.92	42.87	249.91	-89.23	-3,291.85	-1,031.05	2,475.74	2,183.35	292.38	8.467		
7,858.69	7,233.00	7,208.00	7,208.00	42.95	249.91	-89.88	-3,291.85	-1,031.05	2,470.12	2,177.65	292.46	8.446		
7,900.00	7,233.10	7,208.10	7,208.10	43.38	249.91	-89.88	-3,291.85	-1,031.05	2,443.69	2,150.85	292.84	8.345		
8,000.00	7,233.35	7,208.35	7,208.35	44.56	249.92	-89.89	-3,291.85	-1,031.05	2,381.47	2,087.59	293.88	8.103		
8,100.00	7,233.60	7,208.60	7,208.60	45.91	249.93	-89.90	-3,291.85	-1,031.05	2,321.89	2,026.79	295.09	7.868		
8,200.00	7,233.85	7,208.85	7,208.85	47.41	249.94	-89.91	-3,291.85	-1,031.05	2,265.15	1,968.68	296.47	7.640		
8,300.00	7,234.10	7,209.10	7,209.10	49.05	249.95	-89.91	-3,291.85	-1,031.05	2,211.49	1,913.46	298.03	7.420		
8,400.00	7,234.35	7,209.35	7,209.35	50.81	249.95	-89.92	-3,291.85	-1,031.05	2,161.12	1,861.36	299.76	7.209		
8,500.00	7,234.59	7,209.59	7,209.59	52.68	249.96	-89.93	-3,291.85	-1,031.05	2,114.29	1,812.63	301.66	7.009		
8,600.00	7,234.84	7,209.84	7,209.84	54.65	249.97	-89.94	-3,291.85	-1,031.05	2,071.23	1,767.53	303.70	6.820		
8,700.00	7,235.09	7,210.09	7,210.09	56.70	249.98	-89.94	-3,291.85	-1,031.05	2,032.18	1,726.30	305.88	6.644		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.34	7,210.34	7,210.34	58.82	249.99	-89.95	-3,291.85	-1,031.05	1,997.38	1,689.21	308.17	6.481		
8,900.00	7,235.59	7,210.59	7,210.59	61.01	250.00	-89.96	-3,291.85	-1,031.05	1,967.05	1,656.50	310.55	6.334		
9,000.00	7,235.84	7,210.84	7,210.84	63.25	250.01	-89.97	-3,291.85	-1,031.05	1,941.40	1,628.42	312.98	6.203		
9,100.00	7,236.09	7,211.09	7,211.09	65.55	250.02	-89.97	-3,291.85	-1,031.05	1,920.63	1,605.19	315.44	6.089		
9,200.00	7,236.34	7,211.34	7,211.34	67.89	250.02	-89.98	-3,291.85	-1,031.05	1,904.88	1,586.99	317.89	5.992		
9,300.00	7,236.58	7,211.58	7,211.58	70.27	250.03	-89.99	-3,291.85	-1,031.05	1,894.29	1,574.00	320.30	5.914		
9,400.00	7,236.83	7,211.83	7,211.83	72.69	250.04	-90.00	-3,291.85	-1,031.05	1,888.94	1,566.32	322.63	5.855		
9,451.17	7,236.96	7,211.96	7,211.96	73.94	250.05	-90.00	-3,291.85	-1,031.05	1,888.25	1,564.46	323.79	5.832 CC		
9,500.00	7,237.08	7,212.08	7,212.08	75.14	250.05	-90.00	-3,291.85	-1,031.05	1,888.88	1,564.03	324.86	5.815 ES		
9,600.00	7,237.33	7,212.33	7,212.33	77.62	250.06	-90.01	-3,291.85	-1,031.05	1,894.11	1,567.16	326.95	5.793		
9,700.00	7,237.58	7,212.58	7,212.58	80.12	250.07	-90.02	-3,291.85	-1,031.05	1,904.58	1,575.68	328.89	5.791 SF		
9,800.00	7,237.83	7,212.83	7,212.83	82.65	250.08	-90.03	-3,291.85	-1,031.05	1,920.20	1,589.53	330.67	5.807		
9,900.00	7,238.08	7,213.08	7,213.08	85.20	250.08	-90.03	-3,291.85	-1,031.05	1,940.86	1,608.60	332.26	5.841		
10,000.00	7,238.32	7,213.32	7,213.32	87.77	250.09	-90.04	-3,291.85	-1,031.05	1,966.39	1,632.73	333.67	5.893		
10,100.00	7,238.57	7,213.57	7,213.57	90.36	250.10	-90.05	-3,291.85	-1,031.05	1,996.61	1,661.72	334.89	5.962		
10,200.00	7,238.82	7,213.82	7,213.82	92.97	250.11	-90.06	-3,291.85	-1,031.05	2,031.31	1,695.38	335.93	6.047		
10,300.00	7,239.07	7,214.07	7,214.07	95.59	250.12	-90.06	-3,291.85	-1,031.05	2,070.26	1,733.46	336.81	6.147		
10,400.00	7,239.32	7,214.32	7,214.32	98.22	250.13	-90.07	-3,291.85	-1,031.05	2,113.23	1,775.72	337.52	6.261		
10,500.00	7,239.57	7,214.57	7,214.57	100.87	250.14	-90.08	-3,291.85	-1,031.05	2,159.98	1,821.90	338.08	6.389		
10,600.00	7,239.82	7,214.82	7,214.82	103.52	250.15	-90.09	-3,291.85	-1,031.05	2,210.27	1,871.76	338.51	6.529		
10,700.00	7,240.07	7,215.07	7,215.07	106.19	250.15	-90.09	-3,291.85	-1,031.05	2,263.86	1,925.04	338.81	6.682		
10,800.00	7,240.31	7,215.31	7,215.31	108.87	250.16	-90.10	-3,291.85	-1,031.05	2,320.52	1,981.51	339.01	6.845		
10,900.00	7,240.56	7,215.56	7,215.56	111.56	250.17	-90.11	-3,291.85	-1,031.05	2,380.04	2,040.92	339.12	7.018		
11,000.00	7,240.81	7,215.81	7,215.81	114.25	250.18	-90.12	-3,291.85	-1,031.05	2,442.20	2,103.05	339.15	7.201		
11,100.00	7,241.06	7,216.06	7,216.06	116.96	250.19	-90.12	-3,291.85	-1,031.05	2,506.81	2,167.71	339.10	7.392		
11,200.00	7,241.31	7,216.31	7,216.31	119.67	250.20	-90.13	-3,291.85	-1,031.05	2,573.69	2,234.69	339.00	7.592		
11,300.00	7,241.56	7,216.56	7,216.56	122.39	250.21	-90.14	-3,291.85	-1,031.05	2,642.66	2,303.81	338.85	7.799		
11,400.00	7,241.81	7,216.81	7,216.81	125.11	250.22	-90.15	-3,291.85	-1,031.05	2,713.56	2,374.90	338.66	8.013		
11,500.00	7,242.06	7,217.06	7,217.06	127.84	250.22	-90.15	-3,291.85	-1,031.05	2,786.24	2,447.81	338.43	8.233		
11,600.00	7,242.30	7,217.30	7,217.30	130.58	250.23	-90.16	-3,291.85	-1,031.05	2,860.58	2,522.40	338.18	8.459		
11,700.00	7,242.55	7,217.55	7,217.55	133.32	250.24	-90.17	-3,291.85	-1,031.05	2,936.44	2,598.53	337.91	8.690		
11,800.00	7,242.80	7,217.80	7,217.80	136.07	250.25	-90.18	-3,291.85	-1,031.05	3,013.71	2,676.09	337.62	8.926		
11,900.00	7,243.05	7,218.05	7,218.05	138.82	250.26	-90.18	-3,291.85	-1,031.05	3,092.28	2,754.96	337.32	9.167		
12,000.00	7,243.30	7,218.30	7,218.30	141.58	250.27	-90.19	-3,291.85	-1,031.05	3,172.06	2,835.05	337.01	9.412		
12,100.00	7,243.55	7,218.55	7,218.55	144.34	250.28	-90.20	-3,291.85	-1,031.05	3,252.96	2,916.27	336.69	9.662		
12,200.00	7,243.80	7,218.80	7,218.80	147.10	250.28	-90.21	-3,291.85	-1,031.05	3,334.89	2,998.52	336.37	9.914		
12,300.00	7,244.04	7,219.04	7,219.04	149.87	250.29	-90.21	-3,291.85	-1,031.05	3,417.79	3,081.74	336.05	10.170		
12,400.00	7,244.29	7,219.29	7,219.29	152.64	250.30	-90.22	-3,291.85	-1,031.05	3,501.57	3,165.84	335.73	10.430		
12,500.00	7,244.54	7,219.54	7,219.54	155.41	250.31	-90.23	-3,291.85	-1,031.05	3,586.19	3,250.78	335.41	10.692		
12,600.00	7,244.79	7,219.79	7,219.79	158.19	250.32	-90.24	-3,291.85	-1,031.05	3,671.59	3,336.49	335.09	10.957		
12,700.00	7,245.04	7,220.04	7,220.04	160.97	250.33	-90.25	-3,291.85	-1,031.05	3,757.70	3,422.92	334.78	11.224		
12,800.00	7,245.29	7,220.29	7,220.29	163.75	250.34	-90.25	-3,291.85	-1,031.05	3,844.48	3,510.01	334.48	11.494		
12,900.00	7,245.54	7,220.54	7,220.54	166.54	250.35	-90.26	-3,291.85	-1,031.05	3,931.90	3,597.72	334.18	11.766		
13,000.00	7,245.79	7,220.79	7,220.79	169.33	250.35	-90.27	-3,291.85	-1,031.05	4,019.90	3,686.02	333.88	12.040		
13,100.00	7,246.03	7,221.03	7,221.03	172.12	250.36	-90.28	-3,291.85	-1,031.05	4,108.45	3,774.86	333.59	12.316		
13,200.00	7,246.28	7,221.28	7,221.28	174.91	250.37	-90.28	-3,291.85	-1,031.05	4,197.51	3,864.20	333.31	12.593		
13,300.00	7,246.53	7,221.53	7,221.53	177.71	250.38	-90.29	-3,291.85	-1,031.05	4,287.06	3,954.02	333.04	12.873		
13,400.00	7,246.78	7,221.78	7,221.78	180.50	250.39	-90.30	-3,291.85	-1,031.05	4,377.06	4,044.29	332.77	13.153		
13,500.00	7,247.03	7,222.03	7,222.03	183.30	250.40	-90.31	-3,291.85	-1,031.05	4,467.48	4,134.97	332.51	13.436		
13,600.00	7,247.28	7,222.28	7,222.28	186.10	250.41	-90.31	-3,291.85	-1,031.05	4,558.31	4,226.05	332.25	13.719		
13,700.00	7,247.53	7,222.53	7,222.53	188.91	250.41	-90.32	-3,291.85	-1,031.05	4,649.51	4,317.50	332.01	14.004		
13,800.00	7,247.77	7,222.77	7,222.77	191.71	250.42	-90.33	-3,291.85	-1,031.05	4,741.06	4,409.29	331.77	14.290		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,900.00	7,248.02	7,223.02	7,223.02	194.52	250.43	-90.34	-3,291.85	-1,031.05	4,832.95	4,501.41	331.54	14.577		
14,000.00	7,248.27	7,223.27	7,223.27	197.32	250.44	-90.34	-3,291.85	-1,031.05	4,925.16	4,593.85	331.31	14.866		
14,100.00	7,248.52	7,223.52	7,223.52	200.13	250.45	-90.35	-3,291.85	-1,031.05	5,017.66	4,686.57	331.10	15.155		
14,200.00	7,248.77	7,223.77	7,223.77	202.94	250.46	-90.36	-3,291.85	-1,031.05	5,110.45	4,779.57	330.88	15.445		
14,300.00	7,249.02	7,224.02	7,224.02	205.76	250.47	-90.37	-3,291.85	-1,031.05	5,203.51	4,872.82	330.68	15.736		
14,400.00	7,249.27	7,224.27	7,224.27	208.57	250.48	-90.37	-3,291.85	-1,031.05	5,296.81	4,966.33	330.48	16.027		
14,500.00	7,249.52	7,224.52	7,224.52	211.38	250.48	-90.38	-3,291.85	-1,031.05	5,390.36	5,060.07	330.29	16.320		
14,600.00	7,249.76	7,224.76	7,224.76	214.20	250.49	-90.39	-3,291.85	-1,031.05	5,484.14	5,154.03	330.11	16.613		
14,700.00	7,250.01	7,225.01	7,225.01	217.02	250.50	-90.40	-3,291.85	-1,031.05	5,578.13	5,248.20	329.93	16.907		
14,800.00	7,250.26	7,225.26	7,225.26	219.84	250.51	-90.40	-3,291.85	-1,031.05	5,672.32	5,342.57	329.75	17.202		
14,900.00	7,250.51	7,225.51	7,225.51	222.65	250.52	-90.41	-3,291.85	-1,031.05	5,766.72	5,437.13	329.59	17.497		
15,000.00	7,250.76	7,225.76	7,225.76	225.48	250.53	-90.42	-3,291.85	-1,031.05	5,861.30	5,531.87	329.43	17.792		
15,100.00	7,251.01	7,226.01	7,226.01	228.30	250.54	-90.43	-3,291.85	-1,031.05	5,956.05	5,626.78	329.27	18.089		
15,200.00	7,251.26	7,226.26	7,226.26	231.12	250.55	-90.43	-3,291.85	-1,031.05	6,050.97	5,721.85	329.12	18.385		
15,300.00	7,251.50	7,226.50	7,226.50	233.94	250.55	-90.44	-3,291.85	-1,031.05	6,146.06	5,817.08	328.98	18.682		
15,400.00	7,251.75	7,226.75	7,226.75	236.77	250.56	-90.45	-3,291.85	-1,031.05	6,241.30	5,912.46	328.84	18.980		
15,500.00	7,252.00	7,227.00	7,227.00	239.59	250.57	-90.46	-3,291.85	-1,031.05	6,336.68	6,007.98	328.70	19.278		
15,600.00	7,252.25	7,227.25	7,227.25	242.42	250.58	-90.46	-3,291.85	-1,031.05	6,432.21	6,103.64	328.57	19.576		
15,700.00	7,252.50	7,227.50	7,227.50	245.24	250.59	-90.47	-3,291.85	-1,031.05	6,527.87	6,199.42	328.45	19.875		
15,800.00	7,252.75	7,227.75	7,227.75	248.07	250.60	-90.48	-3,291.85	-1,031.05	6,623.66	6,295.33	328.32	20.174		
15,900.00	7,253.00	7,228.00	7,228.00	250.90	250.61	-90.49	-3,291.85	-1,031.05	6,719.57	6,391.36	328.21	20.473		
16,000.00	7,253.25	7,228.25	7,228.25	253.73	250.61	-90.49	-3,291.85	-1,031.05	6,815.60	6,487.50	328.10	20.773		
16,100.00	7,253.49	7,228.49	7,228.49	256.56	250.62	-90.50	-3,291.85	-1,031.05	6,911.74	6,583.75	327.99	21.073		
16,200.00	7,253.74	7,228.74	7,228.74	259.39	250.63	-90.51	-3,291.85	-1,031.05	7,007.99	6,680.10	327.89	21.373		
16,300.00	7,253.99	7,228.99	7,228.99	262.22	250.64	-90.52	-3,291.85	-1,031.05	7,104.34	6,776.55	327.79	21.674		
16,400.00	7,254.24	7,229.24	7,229.24	265.05	250.65	-90.52	-3,291.85	-1,031.05	7,200.79	6,873.10	327.69	21.974		
16,500.00	7,254.49	7,229.49	7,229.49	267.88	250.66	-90.53	-3,291.85	-1,031.05	7,297.34	6,969.74	327.60	22.275		
16,600.00	7,254.74	7,229.74	7,229.74	270.72	250.67	-90.54	-3,291.85	-1,031.05	7,393.98	7,066.47	327.51	22.576		
16,700.00	7,254.99	7,229.99	7,229.99	273.55	250.68	-90.55	-3,291.85	-1,031.05	7,490.70	7,163.28	327.43	22.877		
16,800.00	7,255.24	7,230.24	7,230.24	276.38	250.68	-90.55	-3,291.85	-1,031.05	7,587.52	7,260.17	327.35	23.179		
16,900.00	7,255.48	7,230.48	7,230.48	279.22	250.69	-90.56	-3,291.85	-1,031.05	7,684.41	7,357.14	327.27	23.480		
17,000.00	7,255.73	7,230.73	7,230.73	282.05	250.70	-90.57	-3,291.85	-1,031.05	7,781.38	7,454.19	327.20	23.782		
17,100.00	7,255.98	7,230.98	7,230.98	284.89	250.71	-90.58	-3,291.85	-1,031.05	7,878.43	7,551.31	327.13	24.084		
17,200.00	7,256.23	7,231.23	7,231.23	287.73	250.72	-90.58	-3,291.85	-1,031.05	7,975.55	7,648.49	327.06	24.386		
17,300.00	7,256.48	7,231.48	7,231.48	290.56	250.73	-90.59	-3,291.85	-1,031.05	8,072.74	7,745.75	326.99	24.688		
17,400.00	7,256.73	7,231.73	7,231.73	293.40	250.74	-90.60	-3,291.85	-1,031.05	8,170.00	7,843.07	326.93	24.990		
17,500.00	7,256.98	7,231.98	7,231.98	296.24	250.74	-90.61	-3,291.85	-1,031.05	8,267.33	7,940.45	326.88	25.292		
17,600.00	7,257.22	7,232.22	7,232.22	299.07	250.75	-90.61	-3,291.85	-1,031.05	8,364.72	8,037.90	326.82	25.594		
17,700.00	7,257.47	7,232.47	7,232.47	301.91	250.76	-90.62	-3,291.85	-1,031.05	8,462.16	8,135.40	326.77	25.897		
17,800.00	7,257.72	7,232.72	7,232.72	304.75	250.77	-90.63	-3,291.85	-1,031.05	8,559.67	8,232.95	326.72	26.199		
17,900.00	7,257.97	7,232.97	7,232.97	307.59	250.78	-90.64	-3,291.85	-1,031.05	8,657.24	8,330.56	326.67	26.501		
18,000.00	7,258.22	7,233.22	7,233.22	310.43	250.79	-90.65	-3,291.85	-1,031.05	8,754.85	8,428.23	326.63	26.804		
18,100.00	7,258.47	7,233.47	7,233.47	313.27	250.80	-90.65	-3,291.85	-1,031.05	8,852.53	8,525.94	326.59	27.106		
18,200.00	7,258.72	7,233.72	7,233.72	316.11	250.81	-90.66	-3,291.85	-1,031.05	8,950.25	8,623.70	326.55	27.409		
18,300.00	7,258.97	7,233.97	7,233.97	318.95	250.81	-90.67	-3,291.85	-1,031.05	9,048.02	8,721.51	326.51	27.711		
18,400.00	7,259.21	7,234.21	7,234.21	321.79	250.82	-90.68	-3,291.85	-1,031.05	9,145.85	8,819.37	326.48	28.014		
18,500.00	7,259.46	7,234.46	7,234.46	324.63	250.83	-90.68	-3,291.85	-1,031.05	9,243.71	8,917.27	326.44	28.316		
18,600.00	7,259.71	7,234.71	7,234.71	327.48	250.84	-90.69	-3,291.85	-1,031.05	9,341.63	9,015.21	326.41	28.619		
18,700.00	7,259.96	7,234.96	7,234.96	330.32	250.85	-90.70	-3,291.85	-1,031.05	9,439.58	9,113.20	326.39	28.921		
18,800.00	7,260.21	7,235.21	7,235.21	333.16	250.86	-90.71	-3,291.85	-1,031.05	9,537.58	9,211.22	326.36	29.224		
18,900.00	7,260.46	7,235.46	7,235.46	336.00	250.87	-90.71	-3,291.85	-1,031.05	9,635.62	9,309.29	326.34	29.526		
19,000.00	7,260.71	7,235.71	7,235.71	338.85	250.87	-90.72	-3,291.85	-1,031.05	9,733.71	9,407.39	326.32	29.829		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 ft
Falken 9-11 PAD - POP I #14-17 - OH - OH												<b>Offset Well Error:</b>	3.28 ft
Survey Program: 100-2" Cone@2.448 Sigma													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
19,100.00	7,260.95	7,235.95	7,235.95	341.69	250.88	-90.73	-3,291.85	-1,031.05	9,831.82	9,505.52	326.30	30.131	
19,118.22	7,261.00	7,236.00	7,236.00	342.21	250.89	-90.73	-3,291.85	-1,031.05	9,849.70	9,523.41	326.30	30.186	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	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	-87.90	306.70	-8,360.09	8,365.72					
100.00	100.00	104.00	96.00	3.28	3.78	-87.90	306.70	-8,360.09	8,365.72	8,358.65	7.07	1,183.632		
200.00	200.00	204.00	196.00	3.34	6.30	-87.90	306.70	-8,360.09	8,365.72	8,356.08	9.63	868.285		
300.00	300.00	304.00	296.00	3.44	9.45	-87.90	306.70	-8,360.09	8,365.72	8,352.82	12.90	648.543		
400.00	399.98	404.02	395.98	3.60	12.79	135.69	306.70	-8,360.09	8,366.97	8,350.58	16.38	510.700		
500.00	499.84	504.16	495.84	3.79	16.19	135.66	306.70	-8,360.09	8,370.71	8,350.73	19.98	418.969		
600.00	599.45	604.55	595.45	4.03	19.64	135.62	306.70	-8,360.09	8,376.96	8,353.30	23.66	354.083		
700.00	698.70	705.30	694.70	4.30	23.11	135.55	306.70	-8,360.09	8,385.69	8,358.29	27.40	305.993		
800.00	797.47	806.53	793.47	4.60	26.61	135.47	306.70	-8,360.09	8,396.92	8,365.71	31.21	269.021		
900.00	895.62	908.38	891.62	4.94	30.14	135.37	306.70	-8,360.09	8,410.64	8,375.56	35.08	239.757		
1,000.00	993.06	989.06	989.06	5.32	32.95	135.24	306.70	-8,360.09	8,426.83	8,388.59	38.25	220.337		
1,100.00	1,089.64	1,085.64	1,085.64	5.73	36.30	135.10	306.70	-8,360.09	8,445.50	8,403.51	41.99	201.114		
1,131.50	1,119.87	1,115.87	1,115.87	5.87	37.35	135.04	306.70	-8,360.09	8,451.89	8,408.72	43.18	195.756		
1,200.00	1,185.51	1,181.51	1,181.51	6.18	39.64	135.14	306.70	-8,360.09	8,466.07	8,420.33	45.74	185.079		
1,300.00	1,281.33	1,277.33	1,277.33	6.65	42.97	135.27	306.70	-8,360.09	8,486.80	8,437.30	49.51	171.428		
1,400.00	1,377.14	1,373.14	1,373.14	7.13	46.31	135.40	306.70	-8,360.09	8,507.58	8,454.30	53.29	159.657		
1,500.00	1,472.96	1,468.96	1,468.96	7.63	49.64	135.54	306.70	-8,360.09	8,528.41	8,471.33	57.08	149.410		
1,600.00	1,568.78	1,564.78	1,564.78	8.14	52.98	135.67	306.70	-8,360.09	8,549.28	8,488.39	60.89	140.417		
1,700.00	1,664.60	1,660.60	1,660.60	8.66	56.32	135.80	306.70	-8,360.09	8,570.19	8,505.49	64.70	132.463		
1,800.00	1,760.41	1,756.41	1,756.41	9.19	59.66	135.93	306.70	-8,360.09	8,591.15	8,522.63	68.52	125.381		
1,900.00	1,856.23	1,852.23	1,852.23	9.73	63.00	136.06	306.70	-8,360.09	8,612.16	8,539.81	72.35	119.038		
2,000.00	1,952.05	1,948.05	1,948.05	10.27	66.34	136.19	306.70	-8,360.09	8,633.20	8,557.02	76.18	113.325		
2,100.00	2,047.86	2,043.86	2,043.86	10.81	69.68	136.32	306.70	-8,360.09	8,654.30	8,574.28	80.02	108.154		
2,200.00	2,143.68	2,139.68	2,139.68	11.36	73.02	136.44	306.70	-8,360.09	8,675.43	8,591.57	83.86	103.452		
2,300.00	2,239.50	2,235.50	2,235.50	11.92	76.37	136.57	306.70	-8,360.09	8,696.61	8,608.90	87.70	99.159		
2,400.00	2,335.32	2,331.32	2,331.32	12.47	79.71	136.70	306.70	-8,360.09	8,717.83	8,626.28	91.55	95.224		
2,500.00	2,431.13	2,427.13	2,427.13	13.03	83.05	136.82	306.70	-8,360.09	8,739.09	8,643.69	95.40	91.604		
2,600.00	2,526.95	2,522.95	2,522.95	13.59	86.39	136.95	306.70	-8,360.09	8,760.39	8,661.14	99.25	88.264		
2,700.00	2,622.77	2,618.77	2,618.77	14.15	89.74	137.07	306.70	-8,360.09	8,781.74	8,678.63	103.11	85.172		
2,800.00	2,718.59	2,714.59	2,714.59	14.72	93.08	137.20	306.70	-8,360.09	8,803.12	8,696.16	106.96	82.303		
2,900.00	2,814.40	2,810.40	2,810.40	15.29	96.42	137.32	306.70	-8,360.09	8,824.55	8,713.73	110.82	79.632		
3,000.00	2,910.22	2,906.22	2,906.22	15.85	99.76	137.45	306.70	-8,360.09	8,846.02	8,731.35	114.67	77.141		
3,100.00	3,006.04	3,002.04	3,002.04	16.42	103.11	137.57	306.70	-8,360.09	8,867.53	8,749.00	118.53	74.811		
3,200.00	3,101.85	3,102.15	3,097.85	16.99	106.60	137.69	306.70	-8,360.09	8,889.08	8,766.53	122.54	72.540		
3,300.00	3,197.67	3,206.33	3,193.67	17.56	110.24	137.81	306.70	-8,360.09	8,910.66	8,783.97	126.69	70.333		
3,400.00	3,293.49	3,289.49	3,289.49	18.14	113.14	137.93	306.70	-8,360.09	8,932.29	8,802.18	130.11	68.651		
3,500.00	3,389.31	3,385.31	3,385.31	18.71	116.48	138.05	306.70	-8,360.09	8,953.96	8,819.99	133.97	66.834		
3,600.00	3,485.12	3,481.12	3,481.12	19.28	119.83	138.17	306.70	-8,360.09	8,975.67	8,837.83	137.83	65.119		
3,700.00	3,580.94	3,576.94	3,576.94	19.86	123.17	138.29	306.70	-8,360.09	8,997.41	8,855.71	141.70	63.498		
3,800.00	3,676.76	3,672.76	3,672.76	20.43	126.51	138.41	306.70	-8,360.09	9,019.19	8,873.64	145.56	61.963		
3,900.00	3,772.58	3,768.58	3,768.58	21.01	129.86	138.53	306.70	-8,360.09	9,041.01	8,891.59	149.42	60.507		
4,000.00	3,868.39	3,864.39	3,864.39	21.58	133.20	138.65	306.70	-8,360.09	9,062.87	8,909.59	153.28	59.125		
4,100.00	3,964.21	3,960.21	3,960.21	22.16	136.55	138.77	306.70	-8,360.09	9,084.77	8,927.62	157.15	57.811		
4,200.00	4,060.03	4,056.03	4,056.03	22.74	139.89	138.88	306.70	-8,360.09	9,106.70	8,945.69	161.01	56.560		
4,300.00	4,155.85	4,151.85	4,151.85	23.32	143.23	139.00	306.70	-8,360.09	9,128.68	8,963.80	164.87	55.368		
4,400.00	4,251.66	4,247.66	4,247.66	23.89	146.58	139.11	306.70	-8,360.09	9,150.68	8,981.95	168.74	54.231		
4,500.00	4,347.48	4,343.48	4,343.48	24.47	149.92	139.23	306.70	-8,360.09	9,172.73	9,000.13	172.60	53.145		
4,600.00	4,443.30	4,439.30	4,439.30	25.05	153.27	139.34	306.70	-8,360.09	9,194.81	9,018.34	176.46	52.106		
4,700.00	4,539.11	4,535.11	4,535.11	25.63	156.61	139.46	306.70	-8,360.09	9,216.92	9,036.60	180.33	51.113		
4,800.00	4,634.93	4,630.93	4,630.93	26.21	159.95	139.57	306.70	-8,360.09	9,239.08	9,054.89	184.19	50.161		
4,900.00	4,730.75	4,726.75	4,726.75	26.79	163.30	139.68	306.70	-8,360.09	9,261.26	9,073.21	188.05	49.248		
5,000.00	4,826.57	4,822.57	4,822.57	27.37	166.64	139.79	306.70	-8,360.09	9,283.49	9,091.57	191.92	48.373		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (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	4,922.38	4,918.38	4,918.38	27.95	169.99	139.91	306.70	-8,360.09	9,305.74	9,109.96	195.78	47.532		
5,200.00	5,018.20	5,014.20	5,014.20	28.53	173.33	140.02	306.70	-8,360.09	9,328.04	9,128.39	199.64	46.724		
5,300.00	5,114.02	5,110.02	5,110.02	29.11	176.68	140.13	306.70	-8,360.09	9,350.36	9,146.86	203.51	45.946		
5,400.00	5,209.84	5,205.84	5,205.84	29.69	180.02	140.24	306.70	-8,360.09	9,372.72	9,165.36	207.37	45.198		
5,500.00	5,305.65	5,301.65	5,301.65	30.27	183.36	140.35	306.70	-8,360.09	9,395.12	9,183.89	211.23	44.478		
5,600.00	5,401.47	5,402.53	5,397.47	30.86	186.89	140.46	306.70	-8,360.09	9,417.55	9,202.28	215.27	43.747		
5,700.00	5,497.29	5,506.71	5,493.29	31.44	190.52	140.57	306.70	-8,360.09	9,440.01	9,220.58	219.43	43.021		
5,800.00	5,593.10	5,589.10	5,589.10	32.02	193.40	140.67	306.70	-8,360.09	9,462.51	9,239.69	222.82	42.467		
5,900.00	5,688.92	5,684.92	5,684.92	32.60	196.74	140.78	306.70	-8,360.09	9,485.03	9,258.35	226.68	41.843		
6,000.00	5,784.74	5,780.74	5,780.74	33.18	200.09	140.89	306.70	-8,360.09	9,507.60	9,277.05	230.54	41.240		
6,100.00	5,880.56	5,876.56	5,876.56	33.76	203.43	141.00	306.70	-8,360.09	9,530.19	9,295.78	234.41	40.657		
6,200.00	5,976.37	5,972.37	5,972.37	34.35	206.78	141.10	306.70	-8,360.09	9,552.81	9,314.55	238.27	40.093		
6,300.00	6,072.19	6,068.19	6,068.19	34.93	210.12	141.21	306.70	-8,360.09	9,575.47	9,333.34	242.13	39.547		
6,400.00	6,168.01	6,164.01	6,164.01	35.51	213.47	141.31	306.70	-8,360.09	9,598.16	9,352.17	245.99	39.018		
6,500.00	6,263.83	6,259.83	6,259.83	36.09	216.81	141.42	306.70	-8,360.09	9,620.88	9,371.03	249.85	38.506		
6,600.00	6,359.64	6,355.64	6,355.64	36.68	220.15	141.52	306.70	-8,360.09	9,643.64	9,389.92	253.71	38.010		
6,700.00	6,455.46	6,451.46	6,451.46	37.26	223.50	141.63	306.70	-8,360.09	9,666.42	9,408.85	257.58	37.528		
6,733.48	6,487.54	6,483.54	6,483.54	37.45	224.62	141.66	306.70	-8,360.09	9,674.06	9,415.19	258.87	37.371		
6,750.00	6,503.41	6,500.59	6,499.41	37.55	225.21	137.73	306.70	-8,360.09	9,677.62	9,418.07	259.55	37.286		
6,800.00	6,551.83	6,547.83	6,547.83	37.82	226.86	122.71	306.70	-8,360.09	9,685.87	9,424.43	261.44	37.047		
6,850.00	6,600.62	6,603.38	6,596.62	38.05	228.80	103.32	306.70	-8,360.09	9,690.29	9,426.67	263.62	36.759		
6,900.00	6,649.47	6,645.47	6,645.47	38.25	230.27	82.97	306.70	-8,360.09	9,690.85	9,425.55	265.29	36.529		
6,950.00	6,698.08	6,705.92	6,694.08	38.42	232.38	66.14	306.70	-8,360.09	9,687.54	9,419.96	267.58	36.204		
7,000.00	6,746.15	6,742.15	6,742.15	38.57	233.65	54.11	306.70	-8,360.09	9,680.40	9,411.40	269.00	35.987		
7,050.00	6,793.39	6,789.39	6,789.39	38.71	235.30	45.92	306.70	-8,360.09	9,669.46	9,398.69	270.77	35.712		
7,100.00	6,839.50	6,835.50	6,835.50	38.84	236.91	40.32	306.70	-8,360.09	9,654.80	9,382.32	272.47	35.434		
7,150.00	6,884.20	6,880.20	6,880.20	38.97	238.47	36.45	306.70	-8,360.09	9,636.50	9,362.40	274.10	35.157		
7,200.00	6,927.21	6,923.21	6,923.21	39.11	239.97	33.77	306.70	-8,360.09	9,614.68	9,339.03	275.65	34.880		
7,250.00	6,968.28	6,964.28	6,964.28	39.25	241.40	31.96	306.70	-8,360.09	9,589.48	9,312.37	277.12	34.605		
7,300.00	7,007.13	7,003.13	7,003.13	39.41	242.76	30.81	306.70	-8,360.09	9,561.06	9,282.57	278.49	34.332		
7,350.00	7,043.55	7,039.55	7,039.55	39.58	244.03	30.23	306.70	-8,360.09	9,529.58	9,249.82	279.75	34.064		
7,400.00	7,077.29	7,073.29	7,073.29	39.77	245.21	30.15	306.70	-8,360.09	9,495.24	9,214.32	280.92	33.801		
7,450.00	7,108.16	7,104.16	7,104.16	39.98	246.28	30.57	306.70	-8,360.09	9,458.26	9,176.28	281.97	33.543		
7,500.00	7,135.96	7,131.96	7,131.96	40.22	247.25	31.55	306.70	-8,360.09	9,418.85	9,135.94	282.91	33.292		
7,550.00	7,160.53	7,156.53	7,156.53	40.49	248.11	33.18	306.70	-8,360.09	9,377.27	9,093.53	283.74	33.049		
7,600.00	7,181.70	7,177.70	7,177.70	40.79	248.85	35.66	306.70	-8,360.09	9,333.77	9,049.33	284.44	32.814		
7,650.00	7,199.35	7,204.65	7,195.35	41.13	249.79	39.35	306.70	-8,360.09	9,288.61	9,003.26	285.35	32.551		
7,700.00	7,213.38	7,209.38	7,209.38	41.51	249.96	44.84	306.70	-8,360.09	9,242.07	8,956.59	285.49	32.373		
7,750.00	7,223.68	7,219.68	7,219.68	41.93	250.32	53.19	306.70	-8,360.09	9,194.44	8,908.62	285.83	32.168		
7,800.00	7,230.21	7,226.21	7,226.21	42.38	250.54	66.11	306.70	-8,360.09	9,146.01	8,859.97	286.04	31.974		
7,850.00	7,232.92	7,228.92	7,228.92	42.87	250.64	85.30	306.70	-8,360.09	9,097.07	8,810.94	286.14	31.793		
7,858.69	7,233.00	7,229.00	7,229.00	42.95	250.64	89.25	306.70	-8,360.09	9,088.54	8,802.40	286.14	31.763		
7,900.00	7,233.10	7,229.10	7,229.10	43.38	250.64	89.25	306.70	-8,360.09	9,047.96	8,761.81	286.15	31.620		
8,000.00	7,233.35	7,229.35	7,229.35	44.56	250.65	89.26	306.70	-8,360.09	8,949.75	8,663.57	286.17	31.274		
8,100.00	7,233.60	7,229.60	7,229.60	45.91	250.66	89.27	306.70	-8,360.09	8,851.58	8,565.36	286.21	30.927		
8,200.00	7,233.85	7,229.85	7,229.85	47.41	250.67	89.28	306.70	-8,360.09	8,753.45	8,467.18	286.26	30.578		
8,300.00	7,234.10	7,230.10	7,230.10	49.05	250.68	89.29	306.70	-8,360.09	8,655.36	8,369.04	286.33	30.229		
8,400.00	7,234.35	7,230.35	7,230.35	50.81	250.69	89.29	306.70	-8,360.09	8,557.32	8,270.92	286.40	29.879		
8,500.00	7,234.59	7,230.59	7,230.59	52.68	250.70	89.30	306.70	-8,360.09	8,459.32	8,172.83	286.49	29.527		
8,600.00	7,234.84	7,230.84	7,230.84	54.65	250.71	89.31	306.70	-8,360.09	8,361.38	8,074.78	286.60	29.175		
8,700.00	7,235.09	7,231.09	7,231.09	56.70	250.71	89.32	306.70	-8,360.09	8,263.48	7,976.76	286.72	28.821		
8,800.00	7,235.34	7,231.34	7,231.34	58.82	250.72	89.33	306.70	-8,360.09	8,165.63	7,878.77	286.86	28.466		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	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	7,235.59	7,231.59	7,231.59	61.01	250.73	89.34	306.70	-8,360.09	8,067.83	7,780.82	287.01	28.110		
9,000.00	7,235.84	7,231.84	7,231.84	63.25	250.74	89.35	306.70	-8,360.09	7,970.09	7,682.91	287.18	27.752		
9,100.00	7,236.09	7,232.09	7,232.09	65.55	250.75	89.35	306.70	-8,360.09	7,872.41	7,585.03	287.38	27.394		
9,200.00	7,236.34	7,232.34	7,232.34	67.89	250.76	89.36	306.70	-8,360.09	7,774.78	7,487.19	287.59	27.034		
9,300.00	7,236.58	7,232.58	7,232.58	70.27	250.77	89.37	306.70	-8,360.09	7,677.22	7,389.40	287.82	26.673		
9,400.00	7,236.83	7,232.83	7,232.83	72.69	250.77	89.38	306.70	-8,360.09	7,579.72	7,291.64	288.08	26.311		
9,500.00	7,237.08	7,233.08	7,233.08	75.14	250.78	89.39	306.70	-8,360.09	7,482.28	7,193.92	288.36	25.948		
9,600.00	7,237.33	7,233.33	7,233.33	77.62	250.79	89.40	306.70	-8,360.09	7,384.92	7,096.25	288.66	25.583		
9,700.00	7,237.58	7,233.58	7,233.58	80.12	250.80	89.40	306.70	-8,360.09	7,287.62	6,998.63	289.00	25.217		
9,800.00	7,237.83	7,233.83	7,233.83	82.65	250.81	89.41	306.70	-8,360.09	7,190.40	6,901.05	289.35	24.850		
9,900.00	7,238.08	7,234.08	7,234.08	85.20	250.82	89.42	306.70	-8,360.09	7,093.26	6,803.52	289.74	24.482		
10,000.00	7,238.32	7,234.32	7,234.32	87.77	250.83	89.43	306.70	-8,360.09	6,996.20	6,706.04	290.15	24.112		
10,100.00	7,238.57	7,234.57	7,234.57	90.36	250.84	89.44	306.70	-8,360.09	6,899.22	6,608.62	290.60	23.741		
10,200.00	7,238.82	7,234.82	7,234.82	92.97	250.84	89.45	306.70	-8,360.09	6,802.33	6,511.25	291.08	23.369		
10,300.00	7,239.07	7,235.07	7,235.07	95.59	250.85	89.45	306.70	-8,360.09	6,705.53	6,413.94	291.59	22.996		
10,400.00	7,239.32	7,235.32	7,235.32	98.22	250.86	89.46	306.70	-8,360.09	6,608.82	6,316.68	292.14	22.622		
10,500.00	7,239.57	7,235.57	7,235.57	100.87	250.87	89.47	306.70	-8,360.09	6,512.22	6,219.49	292.72	22.247		
10,600.00	7,239.82	7,235.82	7,235.82	103.52	250.88	89.48	306.70	-8,360.09	6,415.72	6,122.37	293.35	21.871		
10,700.00	7,240.07	7,236.07	7,236.07	106.19	250.89	89.49	306.70	-8,360.09	6,319.32	6,025.31	294.01	21.493		
10,800.00	7,240.31	7,236.31	7,236.31	108.87	250.90	89.50	306.70	-8,360.09	6,223.04	5,928.33	294.72	21.115		
10,900.00	7,240.56	7,236.56	7,236.56	111.56	250.90	89.51	306.70	-8,360.09	6,126.89	5,831.42	295.47	20.736		
11,000.00	7,240.81	7,236.81	7,236.81	114.25	250.91	89.51	306.70	-8,360.09	6,030.85	5,734.59	296.26	20.356		
11,100.00	7,241.06	7,237.06	7,237.06	116.96	250.92	89.52	306.70	-8,360.09	5,934.95	5,637.84	297.11	19.976		
11,200.00	7,241.31	7,237.31	7,237.31	119.67	250.93	89.53	306.70	-8,360.09	5,839.18	5,541.18	298.00	19.595		
11,300.00	7,241.56	7,237.56	7,237.56	122.39	250.94	89.54	306.70	-8,360.09	5,743.56	5,444.62	298.94	19.213		
11,400.00	7,241.81	7,237.81	7,237.81	125.11	250.95	89.55	306.70	-8,360.09	5,648.09	5,348.15	299.94	18.831		
11,500.00	7,242.06	7,238.06	7,238.06	127.84	250.96	89.56	306.70	-8,360.09	5,552.78	5,251.78	301.00	18.448		
11,600.00	7,242.30	7,238.30	7,238.30	130.58	250.97	89.56	306.70	-8,360.09	5,457.64	5,155.53	302.11	18.065		
11,700.00	7,242.55	7,238.55	7,238.55	133.32	250.97	89.57	306.70	-8,360.09	5,362.67	5,059.39	303.28	17.682		
11,800.00	7,242.80	7,238.80	7,238.80	136.07	250.98	89.58	306.70	-8,360.09	5,267.89	4,963.37	304.52	17.299		
11,900.00	7,243.05	7,239.05	7,239.05	138.82	250.99	89.59	306.70	-8,360.09	5,173.31	4,867.48	305.83	16.916		
12,000.00	7,243.30	7,239.30	7,239.30	141.58	251.00	89.60	306.70	-8,360.09	5,078.93	4,771.73	307.21	16.533		
12,100.00	7,243.55	7,239.55	7,239.55	144.34	251.01	89.61	306.70	-8,360.09	4,984.77	4,676.12	308.66	16.150		
12,200.00	7,243.80	7,239.80	7,239.80	147.10	251.02	89.61	306.70	-8,360.09	4,890.85	4,580.67	310.18	15.768		
12,300.00	7,244.04	7,240.04	7,240.04	149.87	251.03	89.62	306.70	-8,360.09	4,797.17	4,485.38	311.79	15.386		
12,400.00	7,244.29	7,240.29	7,240.29	152.64	251.04	89.63	306.70	-8,360.09	4,703.75	4,390.27	313.48	15.005		
12,500.00	7,244.54	7,240.54	7,240.54	155.41	251.04	89.64	306.70	-8,360.09	4,610.61	4,295.35	315.26	14.625		
12,600.00	7,244.79	7,240.79	7,240.79	158.19	251.05	89.65	306.70	-8,360.09	4,517.76	4,200.63	317.13	14.246		
12,700.00	7,245.04	7,241.04	7,241.04	160.97	251.06	89.66	306.70	-8,360.09	4,425.22	4,106.13	319.10	13.868		
12,800.00	7,245.29	7,241.29	7,241.29	163.75	251.07	89.66	306.70	-8,360.09	4,333.02	4,011.85	321.17	13.491		
12,900.00	7,245.54	7,241.54	7,241.54	166.54	251.08	89.67	306.70	-8,360.09	4,241.16	3,917.82	323.34	13.117		
13,000.00	7,245.79	7,241.79	7,241.79	169.33	251.09	89.68	306.70	-8,360.09	4,149.69	3,824.05	325.63	12.743		
13,100.00	7,246.03	7,242.03	7,242.03	172.12	251.10	89.69	306.70	-8,360.09	4,058.61	3,730.57	328.04	12.372		
13,200.00	7,246.28	7,242.28	7,242.28	174.91	251.10	89.70	306.70	-8,360.09	3,967.97	3,637.39	330.57	12.003		
13,300.00	7,246.53	7,242.53	7,242.53	177.71	251.11	89.71	306.70	-8,360.09	3,877.78	3,544.55	333.24	11.637		
13,400.00	7,246.78	7,242.78	7,242.78	180.50	251.12	89.72	306.70	-8,360.09	3,788.09	3,452.05	336.04	11.273		
13,500.00	7,247.03	7,243.03	7,243.03	183.30	251.13	89.72	306.70	-8,360.09	3,698.93	3,359.94	338.99	10.912		
13,600.00	7,247.28	7,243.28	7,243.28	186.10	251.14	89.73	306.70	-8,360.09	3,610.33	3,268.24	342.09	10.554		
13,700.00	7,247.53	7,243.53	7,243.53	188.91	251.15	89.74	306.70	-8,360.09	3,522.35	3,177.00	345.35	10.199		
13,800.00	7,247.77	7,243.77	7,243.77	191.71	251.16	89.75	306.70	-8,360.09	3,435.02	3,086.24	348.79	9.848		
13,900.00	7,248.02	7,244.02	7,244.02	194.52	251.17	89.76	306.70	-8,360.09	3,348.41	2,996.00	352.40	9.502		
14,000.00	7,248.27	7,244.27	7,244.27	197.32	251.17	89.77	306.70	-8,360.09	3,262.55	2,906.35	356.20	9.159		

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 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,100.00	7,248.52	7,244.52	7,244.52	200.13	251.18	89.77	306.70	-8,360.09	3,177.53	2,817.32	360.21	8.821		
14,200.00	7,248.77	7,244.77	7,244.77	202.94	251.19	89.78	306.70	-8,360.09	3,093.40	2,728.98	364.42	8.489		
14,300.00	7,249.02	7,245.02	7,245.02	205.76	251.20	89.79	306.70	-8,360.09	3,010.24	2,641.40	368.85	8.161		
14,400.00	7,249.27	7,245.27	7,245.27	208.57	251.21	89.80	306.70	-8,360.09	2,928.14	2,554.63	373.50	7.840		
14,500.00	7,249.52	7,245.52	7,245.52	211.38	251.22	89.81	306.70	-8,360.09	2,847.18	2,468.78	378.40	7.524		
14,600.00	7,249.76	7,245.76	7,245.76	214.20	251.23	89.82	306.70	-8,360.09	2,767.46	2,383.92	383.55	7.215		
14,700.00	7,250.01	7,246.01	7,246.01	217.02	251.23	89.82	306.70	-8,360.09	2,689.11	2,300.15	388.95	6.914		
14,800.00	7,250.26	7,246.26	7,246.26	219.84	251.24	89.83	306.70	-8,360.09	2,612.23	2,217.61	394.62	6.620		
14,900.00	7,250.51	7,246.51	7,246.51	222.65	251.25	89.84	306.70	-8,360.09	2,536.96	2,136.40	400.56	6.334		
15,000.00	7,250.76	7,246.76	7,246.76	225.48	251.26	89.85	306.70	-8,360.09	2,463.45	2,056.68	406.77	6.056		
15,100.00	7,251.01	7,247.01	7,247.01	228.30	251.27	89.86	306.70	-8,360.09	2,391.87	1,978.61	413.26	5.788		
15,200.00	7,251.26	7,247.26	7,247.26	231.12	251.28	89.87	306.70	-8,360.09	2,322.38	1,902.37	420.01	5.529		
15,300.00	7,251.50	7,247.50	7,247.50	233.94	251.29	89.87	306.70	-8,360.09	2,255.19	1,828.17	427.03	5.281		
15,400.00	7,251.75	7,247.75	7,247.75	236.77	251.30	89.88	306.70	-8,360.09	2,190.51	1,756.23	434.28	5.044		
15,500.00	7,252.00	7,248.00	7,248.00	239.59	251.30	89.89	306.70	-8,360.09	2,128.56	1,686.80	441.76	4.818		
15,600.00	7,252.25	7,248.25	7,248.25	242.42	251.31	89.90	306.70	-8,360.09	2,069.59	1,620.17	449.42	4.605		
15,700.00	7,252.50	7,248.50	7,248.50	245.24	251.32	89.91	306.70	-8,360.09	2,013.86	1,556.64	457.21	4.405		
15,800.00	7,252.75	7,248.75	7,248.75	248.07	251.33	89.92	306.70	-8,360.09	1,961.65	1,496.55	465.09	4.218		
15,900.00	7,253.00	7,249.00	7,249.00	250.90	251.34	89.93	306.70	-8,360.09	1,913.24	1,440.26	472.99	4.045		
16,000.00	7,253.25	7,249.25	7,249.25	253.73	251.35	89.93	306.70	-8,360.09	1,868.94	1,388.13	480.80	3.887		
16,100.00	7,253.49	7,249.49	7,249.49	256.56	251.36	89.94	306.70	-8,360.09	1,829.03	1,340.58	488.45	3.745		
16,200.00	7,253.74	7,249.74	7,249.74	259.39	251.36	89.95	306.70	-8,360.09	1,793.82	1,298.00	495.82	3.618		
16,300.00	7,253.99	7,249.99	7,249.99	262.22	251.37	89.96	306.70	-8,360.09	1,763.58	1,260.79	502.79	3.508		
16,400.00	7,254.24	7,250.24	7,250.24	265.05	251.38	89.97	306.70	-8,360.09	1,738.58	1,229.32	509.26	3.414		
16,500.00	7,254.49	7,250.49	7,250.49	267.88	251.39	89.98	306.70	-8,360.09	1,719.04	1,203.95	515.09	3.337		
16,600.00	7,254.74	7,250.74	7,250.74	270.72	251.40	89.98	306.70	-8,360.09	1,705.14	1,184.97	520.18	3.278		
16,700.00	7,254.99	7,250.99	7,250.99	273.55	251.41	89.99	306.70	-8,360.09	1,697.04	1,172.60	524.44	3.236		
16,787.84	7,255.20	7,251.20	7,251.20	276.04	251.42	90.00	306.70	-8,360.09	1,694.76	1,167.32	527.44	3.213 CC		
16,800.00	7,255.24	7,251.24	7,251.24	276.38	251.42	90.00	306.70	-8,360.09	1,694.81	1,167.01	527.80	3.211 ES		
16,900.00	7,255.48	7,251.48	7,251.48	279.22	251.43	90.01	306.70	-8,360.09	1,698.47	1,168.25	530.22	3.203 SF		
17,000.00	7,255.73	7,251.73	7,251.73	282.05	251.43	90.02	306.70	-8,360.09	1,707.99	1,176.31	531.68	3.212		
17,100.00	7,255.98	7,251.98	7,251.98	284.89	251.44	90.03	306.70	-8,360.09	1,723.27	1,191.06	532.21	3.238		
17,200.00	7,256.23	7,252.23	7,252.23	287.73	251.45	90.03	306.70	-8,360.09	1,744.16	1,212.32	531.84	3.279		
17,300.00	7,256.48	7,252.48	7,252.48	290.56	251.46	90.04	306.70	-8,360.09	1,770.46	1,239.82	530.64	3.336		
17,400.00	7,256.73	7,252.73	7,252.73	293.40	251.47	90.05	306.70	-8,360.09	1,801.93	1,273.24	528.70	3.408		
17,500.00	7,256.98	7,252.98	7,252.98	296.24	251.48	90.06	306.70	-8,360.09	1,838.31	1,312.21	526.10	3.494		
17,600.00	7,257.22	7,253.22	7,253.22	299.07	251.49	90.07	306.70	-8,360.09	1,879.31	1,356.36	522.95	3.594		
17,700.00	7,257.47	7,253.47	7,253.47	301.91	251.50	90.08	306.70	-8,360.09	1,924.64	1,405.29	519.35	3.706		
17,800.00	7,257.72	7,253.72	7,253.72	304.75	251.50	90.09	306.70	-8,360.09	1,974.00	1,458.61	515.39	3.830		
17,900.00	7,257.97	7,253.97	7,253.97	307.59	251.51	90.09	306.70	-8,360.09	2,027.09	1,515.94	511.16	3.966		
18,000.00	7,258.22	7,254.22	7,254.22	310.43	251.52	90.10	306.70	-8,360.09	2,083.64	1,576.91	506.73	4.112		
18,100.00	7,258.47	7,254.47	7,254.47	313.27	251.53	90.11	306.70	-8,360.09	2,143.35	1,641.17	502.18	4.268		
18,200.00	7,258.72	7,254.72	7,254.72	316.11	251.54	90.12	306.70	-8,360.09	2,205.99	1,708.43	497.56	4.434		
18,300.00	7,258.97	7,254.97	7,254.97	318.95	251.55	90.13	306.70	-8,360.09	2,271.31	1,778.38	492.93	4.608		
18,400.00	7,259.21	7,255.21	7,255.21	321.79	251.56	90.14	306.70	-8,360.09	2,339.07	1,850.76	488.32	4.790		
18,500.00	7,259.46	7,255.46	7,255.46	324.63	251.56	90.14	306.70	-8,360.09	2,409.08	1,925.33	483.76	4.980		
18,600.00	7,259.71	7,255.71	7,255.71	327.48	251.57	90.15	306.70	-8,360.09	2,481.15	2,001.87	479.28	5.177		
18,700.00	7,259.96	7,255.96	7,255.96	330.32	251.58	90.16	306.70	-8,360.09	2,555.10	2,080.20	474.90	5.380		
18,800.00	7,260.21	7,256.21	7,256.21	333.16	251.59	90.17	306.70	-8,360.09	2,630.77	2,160.14	470.64	5.590		
18,900.00	7,260.46	7,256.46	7,256.46	336.00	251.60	90.18	306.70	-8,360.09	2,708.03	2,241.53	466.49	5.805		
19,000.00	7,260.71	7,256.71	7,256.71	338.85	251.61	90.19	306.70	-8,360.09	2,786.72	2,324.25	462.48	6.026		
19,100.00	7,260.95	7,256.95	7,256.95	341.69	251.62	90.19	306.70	-8,360.09	2,866.75	2,408.15	458.60	6.251		

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



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>	Falken 9-11 PAD - SOUTH WOODS #10-3(PA) - OH - OH											<b>Offset Site Error:</b>	0.00 ft
<b>Survey Program:</b>	100-2" Cone@2.448 Sigma											<b>Offset Well Error:</b>	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
19,118.22	7,261.00	7,257.00	7,257.00	342.21	251.62	90.20	306.70	-8,360.09	2,881.46	2,423.56	457.91	6.293	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	31.53	1,562.16	958.54	1,833.01					
100.00	100.00	66.62	66.62	3.28	3.28	31.53	1,562.33	958.45	1,832.90	1,826.34	6.57	279.070 CC		
200.00	200.00	171.41	171.41	3.34	3.32	31.50	1,562.98	957.95	1,833.19	1,826.53	6.66	275.314		
300.00	300.00	274.10	274.09	3.44	3.42	31.48	1,563.22	957.37	1,833.08	1,826.22	6.86	267.098		
312.40	312.40	286.45	286.44	3.46	3.43	-104.92	1,563.22	957.33	1,833.08	1,826.18	6.89	265.874 ES		
400.00	399.98	370.36	370.36	3.60	3.56	-104.96	1,563.28	957.19	1,833.50	1,826.35	7.15	256.363		
500.00	499.84	468.76	468.76	3.79	3.74	-105.10	1,563.56	957.03	1,835.01	1,827.49	7.53	243.839		
600.00	599.45	571.91	571.91	4.03	3.97	-105.33	1,563.72	956.97	1,837.41	1,829.42	7.99	229.994		
700.00	698.70	670.95	670.94	4.30	4.22	-105.63	1,563.65	956.96	1,840.63	1,832.12	8.51	216.214		
800.00	797.47	765.10	765.10	4.60	4.49	-105.99	1,563.78	956.91	1,845.03	1,835.95	9.08	203.111		
900.00	895.62	862.82	862.81	4.94	4.78	-106.43	1,564.07	957.00	1,850.76	1,841.04	9.72	190.432		
1,000.00	993.06	965.19	965.18	5.32	5.11	-106.98	1,564.11	957.25	1,857.53	1,847.11	10.42	178.290		
1,100.00	1,089.64	1,067.01	1,067.00	5.73	5.45	-107.61	1,563.91	957.29	1,865.31	1,854.15	11.16	167.073		
1,131.50	1,119.87	1,098.75	1,098.74	5.87	5.55	-107.81	1,563.79	957.29	1,868.00	1,856.59	11.41	163.748		
1,200.00	1,185.51	1,162.51	1,162.50	6.18	5.78	-108.34	1,563.56	957.29	1,874.10	1,862.17	11.93	157.093		
1,300.00	1,281.33	1,259.65	1,259.64	6.65	6.12	-109.15	1,563.27	957.31	1,883.38	1,870.65	12.73	147.940		
1,400.00	1,377.14	1,355.35	1,355.34	7.13	6.47	-109.92	1,562.81	957.42	1,892.94	1,879.39	13.55	139.702		
1,500.00	1,472.96	1,447.96	1,447.94	7.63	6.82	-110.67	1,562.48	957.60	1,902.99	1,888.61	14.38	132.381		
1,600.00	1,568.78	1,543.08	1,543.07	8.14	7.17	-111.43	1,562.31	957.74	1,913.55	1,898.33	15.22	125.687		
1,700.00	1,664.60	1,639.69	1,639.68	8.66	7.54	-112.20	1,562.13	957.73	1,924.41	1,908.32	16.09	119.584		
1,800.00	1,760.41	1,736.46	1,736.44	9.19	7.92	-112.96	1,561.95	957.82	1,935.66	1,918.69	16.97	114.058		
1,900.00	1,856.23	1,837.95	1,837.94	9.73	8.32	-113.74	1,561.48	958.00	1,947.05	1,929.17	17.88	108.912		
2,000.00	1,952.05	1,937.16	1,937.14	10.27	8.71	-114.50	1,560.83	958.03	1,958.54	1,939.76	18.78	104.281		
2,100.00	2,047.86	2,033.92	2,033.90	10.81	9.09	-115.23	1,560.13	957.98	1,970.29	1,950.61	19.68	100.114		
2,200.00	2,143.68	2,131.10	2,131.08	11.36	9.48	-115.96	1,559.43	957.80	1,982.33	1,961.75	20.59	96.296		
2,300.00	2,239.50	2,229.52	2,229.49	11.92	9.88	-116.70	1,558.76	957.25	1,994.61	1,973.11	21.50	92.773		
2,400.00	2,335.32	2,327.29	2,327.26	12.47	10.27	-117.44	1,558.02	956.44	2,007.08	1,984.67	22.41	89.545		
2,500.00	2,431.13	2,420.15	2,420.11	13.03	10.65	-118.13	1,557.37	955.61	2,019.92	1,996.61	23.31	86.661		
2,600.00	2,526.95	2,509.73	2,509.69	13.59	11.02	-118.79	1,556.97	954.81	2,033.31	2,009.12	24.19	84.061		
2,700.00	2,622.77	2,598.95	2,598.90	14.15	11.38	-119.44	1,556.87	954.01	2,047.32	2,022.25	25.07	81.674		
2,800.00	2,718.59	2,690.33	2,690.28	14.72	11.76	-120.10	1,556.99	953.27	2,061.89	2,035.94	25.95	79.442		
2,900.00	2,814.40	2,787.26	2,787.21	15.29	12.16	-120.79	1,557.17	952.58	2,076.86	2,049.99	26.87	77.295		
3,000.00	2,910.22	2,884.16	2,884.10	15.85	12.56	-121.47	1,557.28	951.88	2,092.05	2,064.27	27.78	75.297		
3,100.00	3,006.04	2,990.76	2,990.71	16.42	13.00	-122.20	1,557.10	951.21	2,107.30	2,078.56	28.75	73.306		
3,200.00	3,101.85	3,087.82	3,087.76	16.99	13.40	-122.86	1,556.60	950.59	2,122.50	2,092.84	29.66	71.551		
3,300.00	3,197.67	3,178.50	3,178.44	17.56	13.78	-123.46	1,556.23	949.94	2,138.07	2,107.52	30.55	69.987		
3,400.00	3,293.49	3,258.30	3,258.24	18.14	14.11	-123.99	1,556.27	949.33	2,154.34	2,122.96	31.38	68.658		
3,500.00	3,389.31	3,339.84	3,339.77	18.71	14.45	-124.53	1,556.99	948.76	2,171.66	2,139.45	32.21	67.419		
3,600.00	3,485.12	3,428.77	3,428.69	19.28	14.82	-125.10	1,558.11	948.41	2,189.65	2,156.57	33.08	66.191		
3,700.00	3,580.94	3,519.14	3,519.06	19.86	15.19	-125.68	1,559.44	948.10	2,208.11	2,174.15	33.96	65.028		
3,800.00	3,676.76	3,605.50	3,605.40	20.43	15.55	-126.21	1,560.98	948.05	2,227.14	2,192.34	34.81	63.982		
3,900.00	3,772.58	3,698.91	3,698.79	21.01	15.94	-126.78	1,562.86	948.03	2,246.65	2,210.95	35.70	62.933		
4,000.00	3,868.39	3,795.25	3,795.11	21.58	16.35	-127.36	1,564.84	947.95	2,266.40	2,229.80	36.60	61.915		
4,100.00	3,964.21	3,909.51	3,909.36	22.16	16.83	-128.04	1,566.73	947.58	2,285.99	2,248.38	37.61	60.781		
4,200.00	4,060.03	4,010.91	4,010.75	22.74	17.25	-128.64	1,567.91	946.85	2,305.29	2,266.74	38.54	59.810		
4,300.00	4,155.85	4,111.81	4,111.64	23.32	17.67	-129.23	1,568.83	946.04	2,324.55	2,285.08	39.47	58.889		
4,400.00	4,251.66	4,207.71	4,207.53	23.89	18.08	-129.77	1,569.57	945.43	2,343.94	2,303.56	40.38	58.053		
4,500.00	4,347.48	4,307.97	4,307.78	24.47	18.50	-130.33	1,570.22	944.82	2,363.40	2,322.10	41.30	57.224		
4,600.00	4,443.30	4,404.31	4,404.13	25.05	18.91	-130.87	1,570.74	944.20	2,382.98	2,340.77	42.20	56.463		
4,700.00	4,539.11	4,501.87	4,501.68	25.63	19.32	-131.39	1,571.20	943.76	2,402.69	2,359.57	43.11	55.728		
4,800.00	4,634.93	4,592.38	4,592.19	26.21	19.70	-131.87	1,571.67	943.40	2,422.66	2,378.67	43.98	55.081		
4,900.00	4,730.75	4,694.89	4,694.70	26.79	20.13	-132.40	1,572.20	943.00	2,442.79	2,397.87	44.92	54.381		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<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	4,826.57	4,803.86	4,803.67	27.37	20.59	-132.96	1,572.29	942.54	2,462.71	2,416.81	45.89	53.661		
5,100.00	4,922.38	4,906.14	4,905.94	27.95	21.02	-133.48	1,571.97	942.02	2,482.41	2,435.59	46.83	53.011		
5,200.00	5,018.20	5,011.23	5,011.03	28.53	21.47	-133.99	1,571.31	941.58	2,501.99	2,454.22	47.78	52.367		
5,300.00	5,114.02	5,115.52	5,115.31	29.11	21.91	-134.50	1,570.20	941.13	2,521.33	2,472.60	48.72	51.749		
5,400.00	5,209.84	5,199.72	5,199.51	29.69	22.26	-134.90	1,569.42	941.12	2,540.96	2,491.41	49.55	51.277		
5,500.00	5,305.65	5,315.14	5,314.92	30.27	22.75	-135.43	1,568.08	941.24	2,560.51	2,509.94	50.56	50.641		
5,600.00	5,401.47	5,400.76	5,400.54	30.86	23.11	-135.82	1,567.01	941.22	2,580.13	2,528.73	51.40	50.197		
5,700.00	5,497.29	5,503.25	5,503.01	31.44	23.55	-136.28	1,565.81	940.96	2,599.98	2,547.65	52.33	49.681		
5,800.00	5,593.10	5,593.64	5,593.40	32.02	23.93	-136.69	1,564.73	940.55	2,619.98	2,566.78	53.20	49.251		
5,900.00	5,688.92	5,692.64	5,692.39	32.60	24.35	-137.13	1,563.60	940.11	2,640.17	2,586.06	54.11	48.793		
6,000.00	5,784.74	5,784.64	5,784.38	33.18	24.74	-137.54	1,562.55	939.77	2,660.49	2,605.51	54.98	48.390		
6,100.00	5,880.56	5,879.85	5,879.59	33.76	25.14	-137.94	1,561.58	939.45	2,681.07	2,625.20	55.87	47.988		
6,200.00	5,976.37	5,971.77	5,971.50	34.35	25.53	-138.34	1,560.68	939.01	2,701.84	2,645.11	56.74	47.620		
6,300.00	6,072.19	6,057.92	6,057.65	34.93	25.90	-138.70	1,560.04	938.44	2,722.98	2,665.41	57.57	47.299		
6,400.00	6,168.01	6,150.15	6,149.88	35.51	26.29	-139.09	1,559.67	937.68	2,744.59	2,686.15	58.44	46.966		
6,500.00	6,263.83	6,246.25	6,245.98	36.09	26.70	-139.49	1,559.23	936.98	2,766.27	2,706.94	59.33	46.626		
6,600.00	6,359.64	6,336.42	6,336.14	36.68	27.08	-139.86	1,558.93	936.31	2,788.20	2,728.01	60.18	46.329		
6,700.00	6,455.46	6,427.30	6,427.01	37.26	27.47	-140.22	1,558.84	935.69	2,810.48	2,749.44	61.04	46.043		
6,733.48	6,487.54	6,460.11	6,459.83	37.45	27.61	-140.35	1,558.82	935.49	2,817.97	2,756.63	61.34	45.939		
6,750.00	6,503.41	6,476.34	6,476.06	37.55	27.68	-144.65	1,558.81	935.39	2,821.66	2,760.17	61.49	45.888		
6,800.00	6,551.83	6,523.91	6,523.63	37.82	27.88	-160.74	1,558.78	935.14	2,832.68	2,770.77	61.92	45.750		
6,850.00	6,600.62	6,570.00	6,569.71	38.05	28.08	178.85	1,558.79	934.95	2,843.45	2,781.14	62.32	45.629		
6,900.00	6,649.47	6,617.35	6,617.07	38.25	28.28	157.54	1,558.84	934.79	2,853.90	2,791.19	62.71	45.507		
6,950.00	6,698.08	6,666.75	6,666.47	38.42	28.49	139.79	1,558.89	934.60	2,863.93	2,800.82	63.12	45.375		
7,000.00	6,746.15	6,714.66	6,714.38	38.57	28.69	126.92	1,558.93	934.35	2,873.50	2,809.98	63.51	45.242		
7,050.00	6,793.39	6,759.71	6,759.42	38.71	28.88	117.90	1,558.98	934.11	2,882.61	2,818.71	63.90	45.111		
7,100.00	6,839.50	6,804.08	6,803.80	38.84	29.07	111.52	1,559.07	933.87	2,891.27	2,826.97	64.30	44.967		
7,150.00	6,884.20	6,851.23	6,850.94	38.97	29.27	106.92	1,559.16	933.70	2,899.45	2,834.72	64.73	44.793		
7,200.00	6,927.21	6,896.50	6,896.21	39.11	29.47	103.52	1,559.22	933.65	2,907.16	2,841.98	65.17	44.607		
7,250.00	6,968.28	6,935.89	6,935.61	39.25	29.63	100.89	1,559.27	933.65	2,914.44	2,848.84	65.60	44.424		
7,300.00	7,007.13	6,972.92	6,972.64	39.41	29.79	98.85	1,559.34	933.60	2,921.40	2,855.35	66.05	44.228		
7,350.00	7,043.55	7,008.21	7,007.92	39.58	29.94	97.25	1,559.43	933.52	2,928.06	2,861.54	66.52	44.015		
7,400.00	7,077.29	7,042.57	7,042.28	39.77	30.09	96.00	1,559.51	933.45	2,934.47	2,867.43	67.03	43.777		
7,450.00	7,108.16	7,073.92	7,073.63	39.98	30.22	94.97	1,559.58	933.43	2,940.67	2,873.10	67.56	43.525		
7,500.00	7,135.96	7,102.41	7,102.13	40.22	30.34	94.13	1,559.64	933.44	2,946.72	2,878.60	68.12	43.255		
7,550.00	7,160.53	7,131.13	7,130.85	40.49	30.46	93.47	1,559.68	933.50	2,952.67	2,883.93	68.74	42.956		
7,600.00	7,181.70	7,155.71	7,155.43	40.79	30.56	92.89	1,559.68	933.59	2,958.55	2,889.18	69.37	42.647		
7,650.00	7,199.35	7,172.36	7,172.07	41.13	30.63	92.29	1,559.67	933.65	2,964.43	2,894.42	70.01	42.345		
7,700.00	7,213.38	7,186.19	7,185.90	41.51	30.69	91.73	1,559.66	933.71	2,970.34	2,899.67	70.67	42.032		
7,750.00	7,223.68	7,196.30	7,196.02	41.93	30.74	91.19	1,559.66	933.75	2,976.30	2,904.95	71.35	41.716		
7,800.00	7,230.21	7,202.64	7,202.35	42.38	30.76	90.65	1,559.66	933.77	2,982.31	2,910.27	72.04	41.400		
7,850.00	7,232.92	7,205.15	7,204.86	42.87	30.77	90.11	1,559.66	933.78	2,988.35	2,915.63	72.73	41.089		
7,858.69	7,233.00	7,205.19	7,204.90	42.95	30.77	90.02	1,559.66	933.78	2,989.41	2,916.56	72.85	41.036		
7,900.00	7,233.10	7,205.13	7,204.84	43.38	30.77	90.01	1,559.66	933.78	2,994.69	2,921.26	73.43	40.783		
8,000.00	7,233.35	7,204.98	7,204.69	44.56	30.77	90.01	1,559.66	933.78	3,009.79	2,934.88	74.91	40.177		
8,100.00	7,233.60	7,204.83	7,204.54	45.91	30.77	90.01	1,559.66	933.78	3,028.12	2,951.64	76.48	39.592		
8,200.00	7,233.85	7,204.67	7,204.39	47.41	30.77	90.01	1,559.66	933.78	3,049.62	2,971.51	78.12	39.039		
8,300.00	7,234.10	7,204.52	7,204.23	49.05	30.77	90.00	1,559.66	933.78	3,074.23	2,994.44	79.79	38.527		
8,400.00	7,234.35	7,204.37	7,204.08	50.81	30.77	90.00	1,559.66	933.78	3,101.86	3,020.37	81.49	38.062		
8,500.00	7,234.59	7,204.22	7,203.93	52.68	30.77	90.00	1,559.66	933.78	3,132.45	3,049.24	83.20	37.648		
8,600.00	7,234.84	7,204.07	7,203.78	54.65	30.77	89.99	1,559.66	933.78	3,165.90	3,080.99	84.91	37.286		
8,700.00	7,235.09	7,203.92	7,203.63	56.70	30.77	89.99	1,559.66	933.78	3,202.12	3,115.53	86.59	36.978		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,800.00	7,235.34	7,203.77	7,203.48	58.82	30.77	89.99	1,559.66	933.78	3,241.03	3,152.78	88.25	36.724		
8,900.00	7,235.59	7,203.62	7,203.33	61.01	30.77	89.99	1,559.66	933.78	3,282.52	3,192.64	89.88	36.522		
9,000.00	7,235.84	7,203.47	7,203.18	63.25	30.77	89.98	1,559.66	933.78	3,326.50	3,235.04	91.46	36.372		
9,100.00	7,236.09	7,203.32	7,203.03	65.55	30.77	89.98	1,559.66	933.78	3,372.88	3,279.88	92.99	36.270		
9,200.00	7,236.34	7,203.16	7,202.88	67.89	30.77	89.98	1,559.66	933.77	3,421.55	3,327.07	94.48	36.215		
9,300.00	7,236.58	7,203.01	7,202.72	70.27	30.76	89.97	1,559.66	933.77	3,472.41	3,376.50	95.91	36.205 SF		
9,400.00	7,236.83	7,202.86	7,202.57	72.69	30.76	89.97	1,559.66	933.77	3,525.38	3,428.09	97.29	36.236		
9,500.00	7,237.08	7,202.71	7,202.42	75.14	30.76	89.97	1,559.66	933.77	3,580.36	3,481.75	98.61	36.308		
9,600.00	7,237.33	7,202.56	7,202.27	77.62	30.76	89.96	1,559.66	933.77	3,637.26	3,537.38	99.88	36.417		
9,700.00	7,237.58	7,202.41	7,202.12	80.12	30.76	89.96	1,559.66	933.77	3,695.99	3,594.90	101.09	36.562		
9,800.00	7,237.83	7,202.26	7,201.97	82.65	30.76	89.96	1,559.66	933.77	3,756.47	3,654.22	102.25	36.739		
9,900.00	7,238.08	7,202.11	7,201.82	85.20	30.76	89.96	1,559.66	933.77	3,818.60	3,715.25	103.35	36.948		
10,000.00	7,238.32	7,201.96	7,201.67	87.77	30.76	89.95	1,559.66	933.77	3,882.32	3,777.91	104.40	37.186		
10,100.00	7,238.57	7,201.80	7,201.52	90.36	30.76	89.95	1,559.66	933.77	3,947.54	3,842.13	105.41	37.451		
10,200.00	7,238.82	7,201.65	7,201.37	92.97	30.76	89.95	1,559.66	933.77	4,014.19	3,907.83	106.36	37.742		
10,300.00	7,239.07	7,201.50	7,201.21	95.59	30.76	89.94	1,559.66	933.77	4,082.21	3,974.94	107.27	38.057		
10,400.00	7,239.32	7,201.35	7,201.06	98.22	30.76	89.94	1,559.66	933.77	4,151.52	4,043.39	108.13	38.395		
10,500.00	7,239.57	7,201.20	7,200.91	100.87	30.76	89.94	1,559.66	933.77	4,222.06	4,113.11	108.95	38.754		
10,600.00	7,239.82	7,201.05	7,200.76	103.52	30.76	89.94	1,559.66	933.77	4,293.77	4,184.04	109.72	39.132		
10,700.00	7,240.07	7,200.90	7,200.61	106.19	30.76	89.93	1,559.66	933.77	4,366.59	4,256.13	110.46	39.529		
10,800.00	7,240.31	7,200.75	7,200.46	108.87	30.75	89.93	1,559.66	933.76	4,440.47	4,329.31	111.17	39.944		
10,900.00	7,240.56	7,200.60	7,200.31	111.56	30.75	89.93	1,559.66	933.76	4,515.36	4,403.52	111.83	40.376		
11,000.00	7,240.81	7,200.45	7,200.16	114.25	30.75	89.92	1,559.66	933.76	4,591.20	4,478.73	112.47	40.822		
11,100.00	7,241.06	7,200.29	7,200.01	116.96	30.75	89.92	1,559.66	933.76	4,667.96	4,554.89	113.07	41.284		
11,200.00	7,241.31	7,200.14	7,199.85	119.67	30.75	89.92	1,559.66	933.76	4,745.58	4,631.93	113.64	41.759		
11,300.00	7,241.56	7,199.99	7,199.70	122.39	30.75	89.92	1,559.66	933.76	4,824.02	4,709.83	114.19	42.246		
11,400.00	7,241.81	7,199.84	7,199.55	125.11	30.75	89.91	1,559.66	933.76	4,903.25	4,788.54	114.71	42.747		
11,500.00	7,242.06	7,199.69	7,199.40	127.84	30.75	89.91	1,559.66	933.76	4,983.22	4,868.03	115.20	43.258		
11,600.00	7,242.30	7,199.54	7,199.25	130.58	30.75	89.91	1,559.66	933.76	5,063.91	4,948.24	115.67	43.780		
11,700.00	7,242.55	7,199.39	7,199.10	133.32	30.75	89.90	1,559.66	933.76	5,145.28	5,029.16	116.11	44.313		
11,800.00	7,242.80	7,199.24	7,198.95	136.07	30.75	89.90	1,559.66	933.76	5,227.29	5,110.75	116.54	44.855		
11,900.00	7,243.05	7,199.09	7,198.80	138.82	30.75	89.90	1,559.66	933.76	5,309.92	5,192.98	116.94	45.407		
12,000.00	7,243.30	7,198.94	7,198.65	141.58	30.75	89.89	1,559.66	933.76	5,393.13	5,275.81	117.33	45.966		
12,100.00	7,243.55	7,198.78	7,198.50	144.34	30.75	89.89	1,559.66	933.76	5,476.91	5,359.22	117.70	46.535		
12,200.00	7,243.80	7,198.63	7,198.34	147.10	30.75	89.89	1,559.66	933.76	5,561.23	5,443.18	118.05	47.110		
12,300.00	7,244.04	7,198.48	7,198.19	149.87	30.75	89.89	1,559.66	933.76	5,646.05	5,527.67	118.38	47.694		
12,400.00	7,244.29	7,198.33	7,198.04	152.64	30.74	89.88	1,559.66	933.76	5,731.37	5,612.67	118.70	48.284		
12,500.00	7,244.54	7,198.18	7,197.89	155.41	30.74	89.88	1,559.66	933.75	5,817.15	5,698.14	119.01	48.880		
12,600.00	7,244.79	7,198.03	7,197.74	158.19	30.74	89.88	1,559.66	933.75	5,903.38	5,784.08	119.30	49.483		
12,700.00	7,245.04	7,197.88	7,197.59	160.97	30.74	89.87	1,559.66	933.75	5,990.04	5,870.46	119.58	50.092		
12,800.00	7,245.29	7,197.73	7,197.44	163.75	30.74	89.87	1,559.66	933.75	6,077.11	5,957.26	119.85	50.706		
12,900.00	7,245.54	7,197.58	7,197.29	166.54	30.74	89.87	1,559.66	933.75	6,164.57	6,044.47	120.11	51.326		
13,000.00	7,245.79	7,197.42	7,197.14	169.33	30.74	89.87	1,559.66	933.75	6,252.41	6,132.06	120.35	51.951		
13,100.00	7,246.03	7,197.27	7,196.99	172.12	30.74	89.86	1,559.66	933.75	6,340.61	6,220.02	120.59	52.581		
13,200.00	7,246.28	7,197.12	7,196.83	174.91	30.74	89.86	1,559.66	933.75	6,429.15	6,308.34	120.82	53.215		
13,300.00	7,246.53	7,196.97	7,196.68	177.71	30.74	89.86	1,559.66	933.75	6,518.03	6,396.99	121.03	53.853		
13,400.00	7,246.78	7,196.82	7,196.53	180.50	30.74	89.85	1,559.66	933.75	6,607.22	6,485.98	121.24	54.496		
13,500.00	7,247.03	7,196.67	7,196.38	183.30	30.74	89.85	1,559.66	933.75	6,696.72	6,575.27	121.44	55.143		
13,600.00	7,247.28	7,196.52	7,196.23	186.10	30.74	89.85	1,559.66	933.75	6,786.51	6,664.87	121.64	55.793		
13,700.00	7,247.53	7,196.37	7,196.08	188.91	30.74	89.85	1,559.66	933.75	6,876.58	6,754.76	121.82	56.447		
13,800.00	7,247.77	7,196.22	7,195.93	191.71	30.74	89.84	1,559.66	933.75	6,966.92	6,844.92	122.00	57.104		
13,900.00	7,248.02	7,196.07	7,195.78	194.52	30.74	89.84	1,559.66	933.75	7,057.53	6,935.35	122.18	57.765		

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

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well Falken 34C-9-L
<b>Project:</b>	SEC 12-13 T6N R66W	<b>TVD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Reference Site:</b>	Falken 9-11 PAD	<b>MD Reference:</b>	GL 4810 & KB 20 @ 4830.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Falken 34C-9-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
14,000.00	7,248.27	7,195.91	7,195.63	197.32	30.73	89.84	1,559.66	933.75	7,148.38	7,026.04	122.34	58.429		
14,100.00	7,248.52	7,195.76	7,195.47	200.13	30.73	89.83	1,559.66	933.74	7,239.48	7,116.97	122.51	59.095		
14,200.00	7,248.77	7,195.61	7,195.32	202.94	30.73	89.83	1,559.66	933.74	7,330.81	7,208.15	122.66	59.764		
14,300.00	7,249.02	7,195.46	7,195.17	205.76	30.73	89.83	1,559.66	933.74	7,422.36	7,299.55	122.81	60.437		
14,400.00	7,249.27	7,195.31	7,195.02	208.57	30.73	89.82	1,559.66	933.74	7,514.13	7,391.17	122.96	61.111		
14,500.00	7,249.52	7,195.16	7,194.87	211.38	30.73	89.82	1,559.66	933.74	7,606.10	7,483.00	123.10	61.788		
14,600.00	7,249.76	7,195.01	7,194.72	214.20	30.73	89.82	1,559.66	933.74	7,698.27	7,575.04	123.24	62.467		
14,700.00	7,250.01	7,194.86	7,194.57	217.02	30.73	89.82	1,559.66	933.74	7,790.64	7,667.27	123.37	63.149		
14,800.00	7,250.26	7,194.71	7,194.42	219.84	30.73	89.81	1,559.66	933.74	7,883.20	7,759.70	123.50	63.832		
14,900.00	7,250.51	7,194.55	7,194.27	222.65	30.73	89.81	1,559.66	933.74	7,975.93	7,852.31	123.62	64.518		
15,000.00	7,250.76	7,194.40	7,194.12	225.48	30.73	89.81	1,559.66	933.74	8,068.84	7,945.09	123.75	65.205		
15,100.00	7,251.01	7,194.25	7,193.96	228.30	30.73	89.80	1,559.66	933.74	8,161.91	8,038.05	123.86	65.894		
15,200.00	7,251.26	7,194.10	7,193.81	231.12	30.73	89.80	1,559.66	933.74	8,255.15	8,131.17	123.98	66.585		
15,300.00	7,251.50	7,193.95	7,193.66	233.94	30.73	89.80	1,559.66	933.74	8,348.54	8,224.45	124.09	67.278		
15,400.00	7,251.75	7,193.80	7,193.51	236.77	30.73	89.80	1,559.66	933.74	8,442.09	8,317.89	124.20	67.972		
15,500.00	7,252.00	7,193.65	7,193.36	239.59	30.72	89.79	1,559.66	933.74	8,535.78	8,411.47	124.31	68.668		
15,600.00	7,252.25	7,193.50	7,193.21	242.42	30.72	89.79	1,559.66	933.74	8,629.61	8,505.20	124.41	69.364		
15,700.00	7,252.50	7,193.35	7,193.06	245.24	30.72	89.79	1,559.66	933.74	8,723.58	8,599.07	124.51	70.063		
15,800.00	7,252.75	7,193.20	7,192.91	248.07	30.72	89.78	1,559.66	933.73	8,817.68	8,693.07	124.61	70.762		
15,900.00	7,253.00	7,193.04	7,192.76	250.90	30.72	89.78	1,559.66	933.73	8,911.91	8,787.21	124.71	71.463		
16,000.00	7,253.25	7,192.89	7,192.60	253.73	30.72	89.78	1,559.66	933.73	9,006.27	8,881.47	124.80	72.165		
16,100.00	7,253.49	7,192.74	7,192.45	256.56	30.72	89.78	1,559.66	933.73	9,100.74	8,975.85	124.89	72.868		
16,200.00	7,253.74	7,192.59	7,192.30	259.39	30.72	89.77	1,559.66	933.73	9,195.34	9,070.35	124.98	73.572		
16,300.00	7,253.99	7,192.44	7,192.15	262.22	30.72	89.77	1,559.66	933.73	9,290.04	9,164.97	125.07	74.276		
16,400.00	7,254.24	7,192.29	7,192.00	265.05	30.72	89.77	1,559.66	933.73	9,384.86	9,259.70	125.16	74.982		
16,500.00	7,254.49	7,192.14	7,191.85	267.88	30.72	89.76	1,559.66	933.73	9,479.78	9,354.53	125.25	75.689		
16,600.00	7,254.74	7,191.99	7,191.70	270.72	30.72	89.76	1,559.66	933.73	9,574.81	9,449.47	125.33	76.396		
16,700.00	7,254.99	7,191.84	7,191.55	273.55	30.72	89.76	1,559.66	933.73	9,669.93	9,544.52	125.41	77.104		
16,800.00	7,255.24	7,191.69	7,191.40	276.38	30.72	89.75	1,559.66	933.73	9,765.15	9,639.66	125.49	77.813		
16,900.00	7,255.48	7,191.53	7,191.25	279.22	30.72	89.75	1,559.66	933.73	9,860.47	9,734.90	125.57	78.523		
17,000.00	7,255.73	7,191.38	7,191.09	282.05	30.72	89.75	1,559.66	933.73	9,955.88	9,830.23	125.65	79.233		



**Company:** Synergy Resources Corporation  
**Project:** SEC 12-13 T6N R66W  
**Reference Site:** Falken 9-11 PAD  
**Site Error:** 3.28 ft  
**Reference Well:** Falken 34C-9-L  
**Well Error:** 3.28 ft  
**Reference Wellbore:** OH  
**Reference Design:** Plan #1

**Local Co-ordinate Reference:** Well Falken 34C-9-L  
**TVD Reference:** GL 4810 & KB 20 @ 4830.00ft (ASSUMED)  
**MD Reference:** GL 4810 & KB 20 @ 4830.00ft (ASSUMED)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.45 sigma  
**Database:** EDM 5000.14 Single User Db  
**Offset TVD Reference:** Offset Datum

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

Offset Depths are relative to Offset Datum

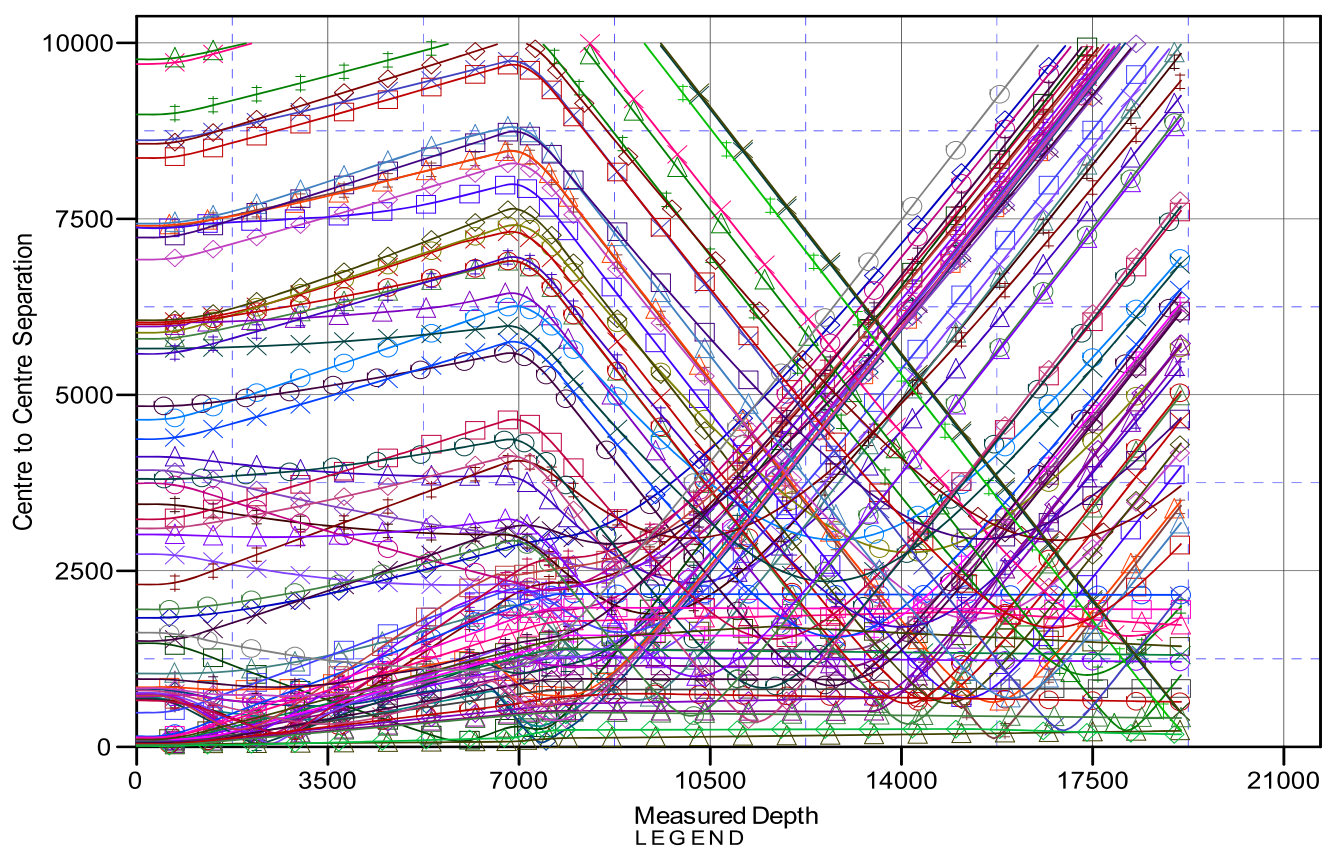
Central Meridian is -105.5000000

Coordinates are relative to: Falken 34C-9-L

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.49°

## Ladder Plot



Fagerberg 15N-7A-M, OH, OH V0  
 CARLSON #14-2(S), OH, OH V0  
 Falken 31N-14B-S, OH, Plan#1 V0  
 Fagerberg 6C-7-M, OH, OH V0  
 Falken 4N-14C-S, OH, Plan #1 V0  
 ANDERSON #1-10-6-66(PA), OH, OH V0  
 Harvesters Resources #15R-323(PR), OH, OH V0  
 CARLSON #14-1(PR), OH, OH V0  
 OTTOSON #3(PR), OH, OH V0  
 Falken 33N-9A-L, OH, Plan#1 V0  
 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  
 JOHNSTON #11-16G(TA), OH, OH V0  
 Fagerberg 28N-18B-M, OH, OH V0  
 Fagerberg 11N-7A-M, OH, OH V0  
 Fagerberg 11C-7-M, OH, OH V0  
 BLACK GOLD #5(PR), OH, OH V0  
 Merr#6-66-9-0857BH(PR), OH, OH V0  
 Falken 32C-9-L, OH, Plan # 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  
 Montera #10-33(PR), OH, OH V0  
 Falken 30N-14B-S, OH, Plan#1 V0  
 BLACK GOLD PETROLEUM #2(S), OH, OH V0  
 Fagerberg 25N-7C-M, OH, OH V0  
 Falken 9N-9C-L, OH, Plan #1 V0  
 Falken 32N-9B-L, OH, Plan #1 V0  
 Falken 31C-14-S, Plan #1, 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  
 BLACK GOLD PETROLEUM #1(PR), OH, OH V0  
 GILLESPIE #11-1(PA), OH, OH V0  
 ANDERSON JANUARY #1(PR), OH, OH V0  
 Fagerberg 6N-7C-M, OH, OH V0  
 MONTERA #11-11(PR), OH, OH V0  
 OTTOSON #2(PA), OH, OH V0  
 MONTERA #11-14(PR), OH, OH V0  
 Falken 33N-9C-L, OH, Plan #1 V0  
 J.R. #1(PA), OH, OH V0  
 146 COMPANY #14-1, OH, OH V0  
 Merr#6-66-9-0857CH(PR), OH, OH V0  
 Falken 16N-9B-L, OH, Plan#1 V0  
 Falken 9C-9-L, OH, Plan #1 V0  
 BLACKGOLD #3(PA), OH, OH V0  
 Harvesters Resources #15M-303(PR), OH, OH V0  
 Jeff #1, OH, OH V0  
 CARLSON #10-1(PA), OH, OH V0  
 Montera #10-43(S), OH, OH V0  
 ANDERSON #32-10(PR), OH, OH V0  
 JOHNSON #1(PA), OH, OH V0  
 MICHAEL #14-2, OH, OH V0  
 OTTOSON #12-12(PR), OH, OH V0  
 OTTOSON #12-25(PR), OH, OH V0  
 Merr#6-66-9-0758CDH(PR), OH, OH V0  
 SOUTH WOODS #10-3(PA), OH, OH V0  
 Fagerberg 36C-7-M, OH, OH V0



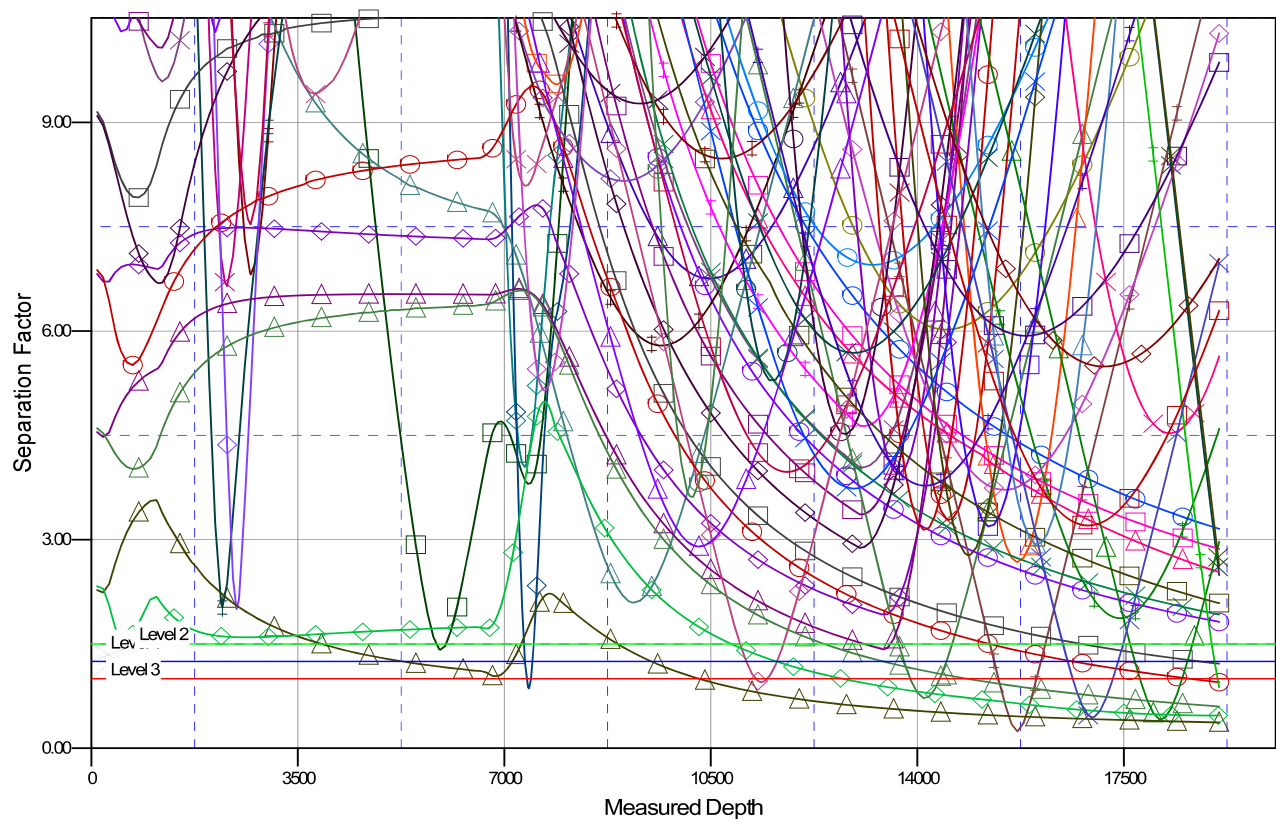
**Company:** Synergy Resources Corporation  
**Project:** SEC 12-13 T6N R66W  
**Reference Site:** Falken 9-11 PAD  
**Site Error:** 3.28 ft  
**Reference Well:** Falken 34C-9-L  
**Well Error:** 3.28 ft  
**Reference Wellbore:** OH  
**Reference Design:** Plan #1

**Local Co-ordinate Reference:** Well Falken 34C-9-L  
**TVD Reference:** GL 4810 & KB 20 @ 4830.00ft (ASSUMED)  
**MD Reference:** GL 4810 & KB 20 @ 4830.00ft (ASSUMED)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.45 sigma  
**Database:** EDM 5000.14 Single User Db  
**Offset TVD Reference:** Offset Datum

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

Coordinates are relative to: Falken 34C-9-L  
 Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Grid Convergence at Surface is: 0.49°

## Separation Factor Plot



### LEGEND

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