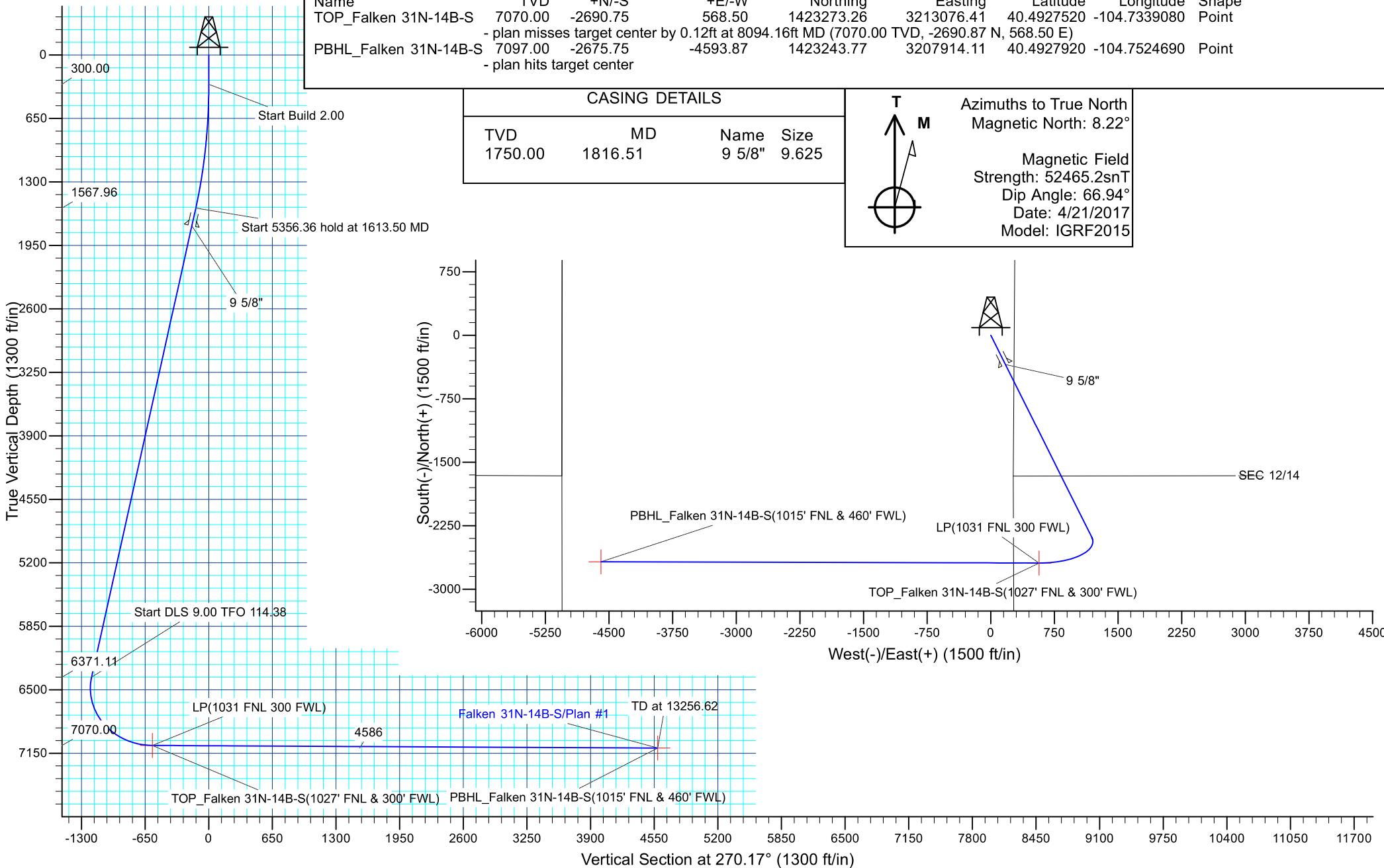
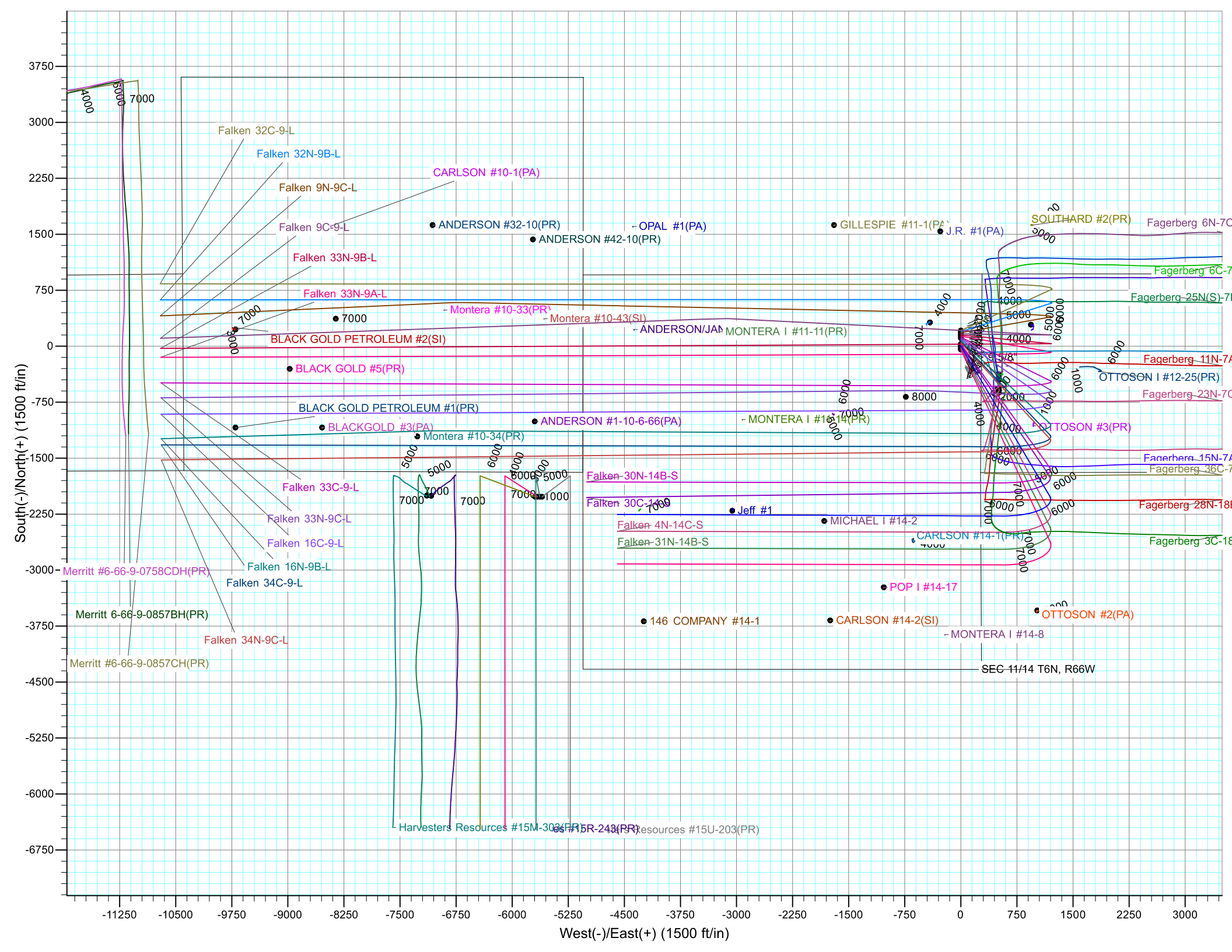


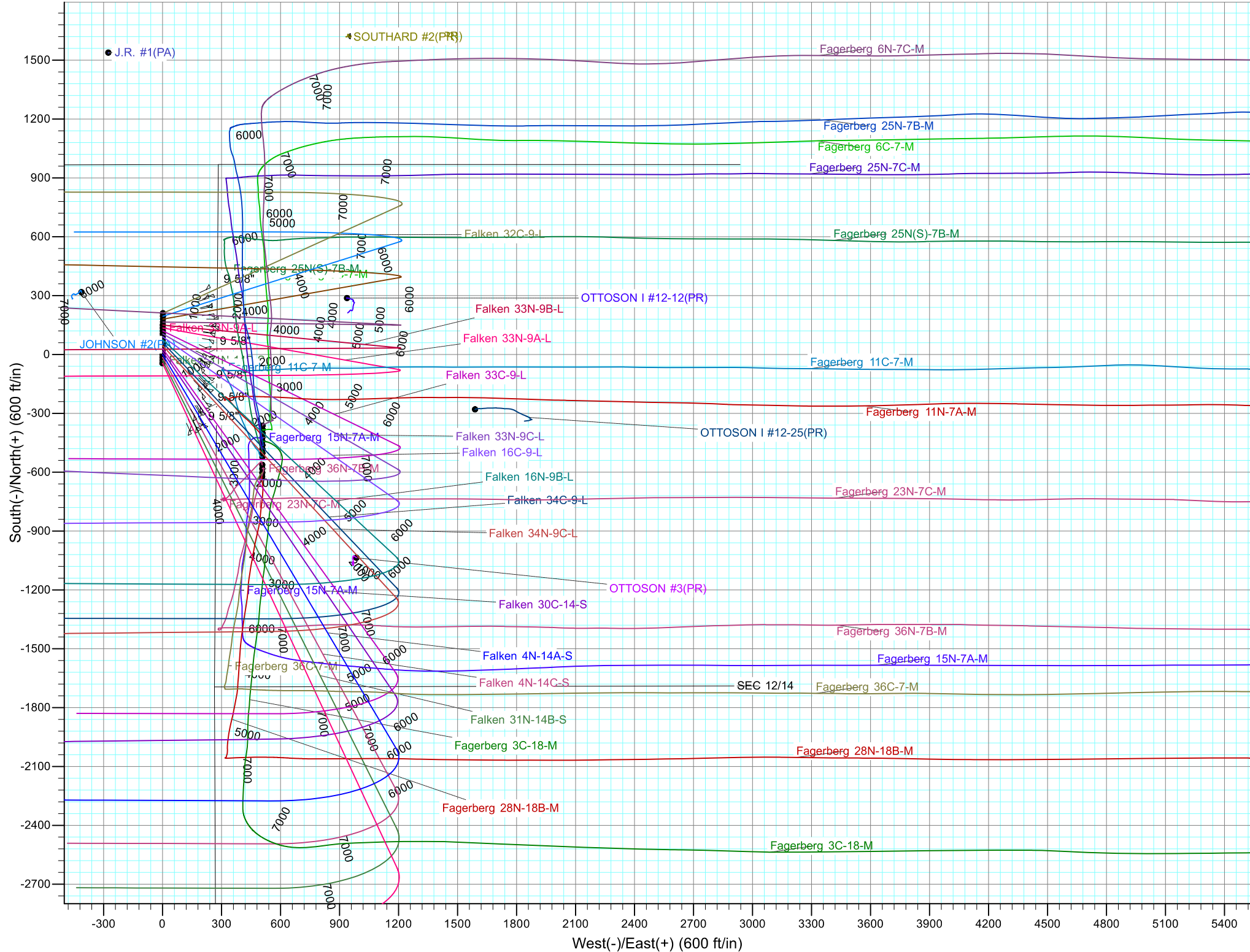


Project: SEC 12-13 T6N R66W
Site: Falken 9-11 PAD
Well: Falken 31N-14B-S
Wellbore: OH
Design: Plan #1

SECTION DETAILS										PROJECT DETAILS: SEC 12-13 T6N R66W	
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	Geodetic System: US State Plane 1983 Datum: North American Datum 1983 Ellipsoid: GRS 1980 Zone: Colorado Northern Zone Colorado Northern Zone System Datum: Mean Sea Level	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00			
1613.50	26.27	153.49	1567.96	-264.77	132.07	2.00	153.49	-132.85			
6969.86	26.27	153.49	6371.11	-2386.24	1190.25	0.00	0.00	-1197.33			
8094.17	89.70	270.17	7070.00	-2690.87	568.49	9.00	114.38	-576.47			
13256.62	89.70	270.17	7097.00	-2675.75	-4593.87	0.00	0.00	4585.91	PBHL_Falken 31N-14B-S		









Synergy Resources Corporation

SEC 12-13 T6N R66W

Falken 9-11 PAD

Falken 31N-14B-S

OH

Plan: Plan #1

Standard Planning Report

25 April, 2017



Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well Falken 31N-14B-S
Company:	Synergy Resources Corporation	TVD Reference:	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
Project:	SEC 12-13 T6N R66W	MD Reference:	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
Site:	Falken 9-11 PAD	North Reference:	True
Well:	Falken 31N-14B-S	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Project	SEC 12-13 T6N R66W		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		Falken 9-11 PAD			
Site Position:		Northing:	1,426,199.10 ft	Latitude:	40.5007970
From:	Lat/Long	Easting:	3,212,484.63 ft	Longitude:	-104.7359450
Position Uncertainty:	3.28 ft	Slot Radius:	13.200 in	Grid Convergence:	0.49 °

Well	Falken 31N-14B-S, 1664' FSL & 276' FEL					
Well Position	+N/-S	-240.09 ft	Northing:	1,425,959.01 ft	Latitude:	40.5001380
	+E/-W	-1.95 ft	Easting:	3,212,484.75 ft	Longitude:	-104.7359520
Position Uncertainty		3.28 ft	Wellhead Elevation:		Ground Level:	4,810.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	4/21/2017	8.22	66.94	52,465

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	270.17

Plan Survey Tool Program	Date	4/24/2017		
Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	13,256.62 Plan #1 (OH)	MWD+IFR1	
			OWSG MWD + IFR1	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,613.50	26.27	153.49	1,567.96	-264.77	132.07	2.00	2.00	0.00	153.49	
6,969.86	26.27	153.49	6,371.11	-2,386.24	1,190.25	0.00	0.00	0.00	0.00	
8,094.17	89.70	270.17	7,070.00	-2,690.87	568.49	9.00	5.64	10.38	114.38	
13,256.62	89.70	270.17	7,097.00	-2,675.75	-4,593.87	0.00	0.00	0.00	0.00	PBHL_Falken 31N-14

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well Falken 31N-14B-S
Company:	Synergy Resources Corporation	TVD Reference:	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
Project:	SEC 12-13 T6N R66W	MD Reference:	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
Site:	Falken 9-11 PAD	North Reference:	True
Well:	Falken 31N-14B-S	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00									
400.00	2.00	153.49	399.98	-1.56	0.78	-0.78	2.00	2.00	0.00
500.00	4.00	153.49	499.84	-6.24	3.11	-3.13	2.00	2.00	0.00
600.00	6.00	153.49	599.45	-14.04	7.00	-7.05	2.00	2.00	0.00
700.00	8.00	153.49	698.70	-24.95	12.44	-12.52	2.00	2.00	0.00
800.00	10.00	153.49	797.47	-38.95	19.43	-19.54	2.00	2.00	0.00
900.00	12.00	153.49	895.62	-56.02	27.94	-28.11	2.00	2.00	0.00
1,000.00	14.00	153.49	993.06	-76.15	37.98	-38.21	2.00	2.00	0.00
1,100.00	16.00	153.49	1,089.64	-99.31	49.54	-49.83	2.00	2.00	0.00
1,200.00	18.00	153.49	1,185.27	-125.47	62.58	-62.96	2.00	2.00	0.00
1,300.00	20.00	153.49	1,279.82	-154.60	77.12	-77.57	2.00	2.00	0.00
1,400.00	22.00	153.49	1,373.17	-186.67	93.11	-93.66	2.00	2.00	0.00
1,500.00	24.00	153.49	1,465.21	-221.63	110.55	-111.21	2.00	2.00	0.00
1,600.00	26.00	153.49	1,555.84	-259.45	129.41	-130.18	2.00	2.00	0.00
1,613.50	26.27	153.49	1,567.96	-264.77	132.07	-132.85	2.00	2.00	0.00
Start 5356.36 hold at 1613.50 MD									
1,700.00	26.27	153.49	1,645.53	-299.03	149.16	-150.04	0.00	0.00	0.00
1,800.00	26.27	153.49	1,735.20	-338.64	168.91	-169.92	0.00	0.00	0.00
1,816.51	26.27	153.49	1,750.00	-345.17	172.17	-173.20	0.00	0.00	0.00
9 5/8"									
1,900.00	26.27	153.49	1,824.87	-378.24	188.67	-189.79	0.00	0.00	0.00
2,000.00	26.27	153.49	1,914.54	-417.85	208.42	-209.66	0.00	0.00	0.00
2,100.00	26.27	153.49	2,004.21	-457.46	228.18	-229.54	0.00	0.00	0.00
2,200.00	26.27	153.49	2,093.89	-497.06	247.93	-249.41	0.00	0.00	0.00
2,300.00	26.27	153.49	2,183.56	-536.67	267.69	-269.28	0.00	0.00	0.00
2,400.00	26.27	153.49	2,273.23	-576.28	287.45	-289.15	0.00	0.00	0.00
2,500.00	26.27	153.49	2,362.90	-615.88	307.20	-309.03	0.00	0.00	0.00
2,600.00	26.27	153.49	2,452.57	-655.49	326.96	-328.90	0.00	0.00	0.00
2,700.00	26.27	153.49	2,542.25	-695.10	346.71	-348.77	0.00	0.00	0.00
2,800.00	26.27	153.49	2,631.92	-734.70	366.47	-368.65	0.00	0.00	0.00
2,900.00	26.27	153.49	2,721.59	-774.31	386.22	-388.52	0.00	0.00	0.00
3,000.00	26.27	153.49	2,811.26	-813.91	405.98	-408.39	0.00	0.00	0.00
3,100.00	26.27	153.49	2,900.93	-853.52	425.74	-428.27	0.00	0.00	0.00
3,200.00	26.27	153.49	2,990.60	-893.13	445.49	-448.14	0.00	0.00	0.00
3,300.00	26.27	153.49	3,080.28	-932.73	465.25	-468.01	0.00	0.00	0.00
3,400.00	26.27	153.49	3,169.95	-972.34	485.00	-487.89	0.00	0.00	0.00
3,500.00	26.27	153.49	3,259.62	-1,011.95	504.76	-507.76	0.00	0.00	0.00
3,600.00	26.27	153.49	3,349.29	-1,051.55	524.51	-527.63	0.00	0.00	0.00
3,700.00	26.27	153.49	3,438.96	-1,091.16	544.27	-547.51	0.00	0.00	0.00
3,800.00	26.27	153.49	3,528.64	-1,130.77	564.03	-567.38	0.00	0.00	0.00
3,900.00	26.27	153.49	3,618.31	-1,170.37	583.78	-587.25	0.00	0.00	0.00
4,000.00	26.27	153.49	3,707.98	-1,209.98	603.54	-607.12	0.00	0.00	0.00
4,100.00	26.27	153.49	3,797.65	-1,249.59	623.29	-627.00	0.00	0.00	0.00
4,200.00	26.27	153.49	3,887.32	-1,289.19	643.05	-646.87	0.00	0.00	0.00
4,300.00	26.27	153.49	3,976.99	-1,328.80	662.80	-666.74	0.00	0.00	0.00
4,400.00	26.27	153.49	4,066.67	-1,368.41	682.56	-686.62	0.00	0.00	0.00
4,500.00	26.27	153.49	4,156.34	-1,408.01	702.32	-706.49	0.00	0.00	0.00
4,600.00	26.27	153.49	4,246.01	-1,447.62	722.07	-726.36	0.00	0.00	0.00

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well Falken 31N-14B-S
Company:	Synergy Resources Corporation	TVD Reference:	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
Project:	SEC 12-13 T6N R66W	MD Reference:	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
Site:	Falken 9-11 PAD	North Reference:	True
Well:	Falken 31N-14B-S	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,700.00	26.27	153.49	4,335.68	-1,487.23	741.83	-746.24	0.00	0.00	0.00
4,800.00	26.27	153.49	4,425.35	-1,526.83	761.58	-766.11	0.00	0.00	0.00
4,900.00	26.27	153.49	4,515.03	-1,566.44	781.34	-785.98	0.00	0.00	0.00
5,000.00	26.27	153.49	4,604.70	-1,606.04	801.09	-805.86	0.00	0.00	0.00
5,100.00	26.27	153.49	4,694.37	-1,645.65	820.85	-825.73	0.00	0.00	0.00
5,200.00	26.27	153.49	4,784.04	-1,685.26	840.61	-845.60	0.00	0.00	0.00
5,300.00	26.27	153.49	4,873.71	-1,724.86	860.36	-865.48	0.00	0.00	0.00
5,400.00	26.27	153.49	4,963.38	-1,764.47	880.12	-885.35	0.00	0.00	0.00
5,500.00	26.27	153.49	5,053.06	-1,804.08	899.87	-905.22	0.00	0.00	0.00
5,600.00	26.27	153.49	5,142.73	-1,843.68	919.63	-925.09	0.00	0.00	0.00
5,700.00	26.27	153.49	5,232.40	-1,883.29	939.38	-944.97	0.00	0.00	0.00
5,800.00	26.27	153.49	5,322.07	-1,922.90	959.14	-964.84	0.00	0.00	0.00
5,900.00	26.27	153.49	5,411.74	-1,962.50	978.90	-984.71	0.00	0.00	0.00
6,000.00	26.27	153.49	5,501.42	-2,002.11	998.65	-1,004.59	0.00	0.00	0.00
6,100.00	26.27	153.49	5,591.09	-2,041.72	1,018.41	-1,024.46	0.00	0.00	0.00
6,200.00	26.27	153.49	5,680.76	-2,081.32	1,038.16	-1,044.33	0.00	0.00	0.00
6,300.00	26.27	153.49	5,770.43	-2,120.93	1,057.92	-1,064.21	0.00	0.00	0.00
6,400.00	26.27	153.49	5,860.10	-2,160.54	1,077.67	-1,084.08	0.00	0.00	0.00
6,500.00	26.27	153.49	5,949.77	-2,200.14	1,097.43	-1,103.95	0.00	0.00	0.00
6,600.00	26.27	153.49	6,039.45	-2,239.75	1,117.19	-1,123.83	0.00	0.00	0.00
6,700.00	26.27	153.49	6,129.12	-2,279.36	1,136.94	-1,143.70	0.00	0.00	0.00
6,800.00	26.27	153.49	6,218.79	-2,318.96	1,156.70	-1,163.57	0.00	0.00	0.00
6,900.00	26.27	153.49	6,308.46	-2,358.57	1,176.45	-1,183.45	0.00	0.00	0.00
6,969.86	26.27	153.49	6,371.11	-2,386.24	1,190.25	-1,197.33	0.00	0.00	0.00
Start DLS 9.00 TFO 114.38									
7,000.00	25.26	159.29	6,398.25	-2,398.22	1,195.51	-1,202.62	9.00	-3.34	19.23
7,100.00	23.78	180.79	6,489.42	-2,438.42	1,202.79	-1,210.02	9.00	-1.49	21.50
7,200.00	25.39	202.18	6,580.53	-2,478.52	1,194.40	-1,201.75	9.00	1.62	21.39
7,300.00	29.61	219.49	6,669.35	-2,517.52	1,170.54	-1,178.01	9.00	4.22	17.31
7,400.00	35.52	232.18	6,753.69	-2,554.47	1,131.80	-1,139.38	9.00	5.90	12.69
7,500.00	42.40	241.45	6,831.47	-2,588.46	1,079.14	-1,086.81	9.00	6.88	9.27
7,600.00	49.84	248.48	6,900.78	-2,618.65	1,013.84	-1,021.60	9.00	7.45	7.03
7,700.00	57.63	254.09	6,959.92	-2,644.30	937.52	-945.36	9.00	7.79	5.61
7,800.00	65.63	258.79	7,007.41	-2,664.78	852.05	-859.96	9.00	8.00	4.70
7,900.00	73.75	262.92	7,042.11	-2,679.58	759.55	-767.50	9.00	8.12	4.14
8,000.00	81.95	266.73	7,063.14	-2,688.34	662.29	-670.26	9.00	8.20	3.80
8,094.16	89.70	270.17	7,070.00	-2,690.87	568.50	-576.48	9.00	8.23	3.65
TOP_Falken 31N-14B-S(1027' FNL & 300' FWL)									
8,094.17	89.70	270.17	7,070.00	-2,690.87	568.49	-576.47	9.00	8.24	3.63
LP(1031 FNL 300 FWL)									
8,100.00	89.70	270.17	7,070.03	-2,690.85	562.66	-570.64	0.00	0.00	0.00
8,200.00	89.70	270.17	7,070.55	-2,690.56	462.66	-470.64	0.00	0.00	0.00
8,300.00	89.70	270.17	7,071.07	-2,690.26	362.66	-370.64	0.00	0.00	0.00
8,400.00	89.70	270.17	7,071.60	-2,689.97	262.66	-270.64	0.00	0.00	0.00
8,500.00	89.70	270.17	7,072.12	-2,689.68	162.66	-170.64	0.00	0.00	0.00
8,600.00	89.70	270.17	7,072.64	-2,689.39	62.67	-70.64	0.00	0.00	0.00
8,700.00	89.70	270.17	7,073.17	-2,689.09	-37.33	29.35	0.00	0.00	0.00
8,800.00	89.70	270.17	7,073.69	-2,688.80	-137.33	129.35	0.00	0.00	0.00
8,900.00	89.70	270.17	7,074.21	-2,688.51	-237.33	229.35	0.00	0.00	0.00
9,000.00	89.70	270.17	7,074.74	-2,688.22	-337.33	329.35	0.00	0.00	0.00
9,100.00	89.70	270.17	7,075.26	-2,687.92	-437.33	429.35	0.00	0.00	0.00

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well Falken 31N-14B-S
Company:	Synergy Resources Corporation	TVD Reference:	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
Project:	SEC 12-13 T6N R66W	MD Reference:	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
Site:	Falken 9-11 PAD	North Reference:	True
Well:	Falken 31N-14B-S	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,200.00	89.70	270.17	7,075.78	-2,687.63	-537.32	529.35	0.00	0.00	0.00
9,300.00	89.70	270.17	7,076.30	-2,687.34	-637.32	629.35	0.00	0.00	0.00
9,400.00	89.70	270.17	7,076.83	-2,687.04	-737.32	729.34	0.00	0.00	0.00
9,500.00	89.70	270.17	7,077.35	-2,686.75	-837.32	829.34	0.00	0.00	0.00
9,600.00	89.70	270.17	7,077.87	-2,686.46	-937.32	929.34	0.00	0.00	0.00
9,700.00	89.70	270.17	7,078.40	-2,686.17	-1,037.32	1,029.34	0.00	0.00	0.00
9,800.00	89.70	270.17	7,078.92	-2,685.87	-1,137.31	1,129.34	0.00	0.00	0.00
9,900.00	89.70	270.17	7,079.44	-2,685.58	-1,237.31	1,229.34	0.00	0.00	0.00
10,000.00	89.70	270.17	7,079.97	-2,685.29	-1,337.31	1,329.34	0.00	0.00	0.00
10,100.00	89.70	270.17	7,080.49	-2,685.00	-1,437.31	1,429.33	0.00	0.00	0.00
10,200.00	89.70	270.17	7,081.01	-2,684.70	-1,537.31	1,529.33	0.00	0.00	0.00
10,300.00	89.70	270.17	7,081.54	-2,684.41	-1,637.30	1,629.33	0.00	0.00	0.00
10,400.00	89.70	270.17	7,082.06	-2,684.12	-1,737.30	1,729.33	0.00	0.00	0.00
10,500.00	89.70	270.17	7,082.58	-2,683.82	-1,837.30	1,829.33	0.00	0.00	0.00
10,600.00	89.70	270.17	7,083.10	-2,683.53	-1,937.30	1,929.33	0.00	0.00	0.00
10,700.00	89.70	270.17	7,083.63	-2,683.24	-2,037.30	2,029.33	0.00	0.00	0.00
10,800.00	89.70	270.17	7,084.15	-2,682.95	-2,137.30	2,129.33	0.00	0.00	0.00
10,900.00	89.70	270.17	7,084.67	-2,682.65	-2,237.29	2,229.32	0.00	0.00	0.00
11,000.00	89.70	270.17	7,085.20	-2,682.36	-2,337.29	2,329.32	0.00	0.00	0.00
11,100.00	89.70	270.17	7,085.72	-2,682.07	-2,437.29	2,429.32	0.00	0.00	0.00
11,200.00	89.70	270.17	7,086.24	-2,681.78	-2,537.29	2,529.32	0.00	0.00	0.00
11,300.00	89.70	270.17	7,086.77	-2,681.48	-2,637.29	2,629.32	0.00	0.00	0.00
11,400.00	89.70	270.17	7,087.29	-2,681.19	-2,737.28	2,729.32	0.00	0.00	0.00
11,500.00	89.70	270.17	7,087.81	-2,680.90	-2,837.28	2,829.32	0.00	0.00	0.00
11,600.00	89.70	270.17	7,088.33	-2,680.60	-2,937.28	2,929.31	0.00	0.00	0.00
11,700.00	89.70	270.17	7,088.86	-2,680.31	-3,037.28	3,029.31	0.00	0.00	0.00
11,800.00	89.70	270.17	7,089.38	-2,680.02	-3,137.28	3,129.31	0.00	0.00	0.00
11,900.00	89.70	270.17	7,089.90	-2,679.73	-3,237.28	3,229.31	0.00	0.00	0.00
12,000.00	89.70	270.17	7,090.43	-2,679.43	-3,337.27	3,329.31	0.00	0.00	0.00
12,100.00	89.70	270.17	7,090.95	-2,679.14	-3,437.27	3,429.31	0.00	0.00	0.00
12,200.00	89.70	270.17	7,091.47	-2,678.85	-3,537.27	3,529.31	0.00	0.00	0.00
12,300.00	89.70	270.17	7,092.00	-2,678.55	-3,637.27	3,629.30	0.00	0.00	0.00
12,400.00	89.70	270.17	7,092.52	-2,678.26	-3,737.27	3,729.30	0.00	0.00	0.00
12,500.00	89.70	270.17	7,093.04	-2,677.97	-3,837.26	3,829.30	0.00	0.00	0.00
12,600.00	89.70	270.17	7,093.57	-2,677.68	-3,937.26	3,929.30	0.00	0.00	0.00
12,700.00	89.70	270.17	7,094.09	-2,677.38	-4,037.26	4,029.30	0.00	0.00	0.00
12,800.00	89.70	270.17	7,094.61	-2,677.09	-4,137.26	4,129.30	0.00	0.00	0.00
12,900.00	89.70	270.17	7,095.13	-2,676.80	-4,237.26	4,229.30	0.00	0.00	0.00
13,000.00	89.70	270.17	7,095.66	-2,676.51	-4,337.26	4,329.30	0.00	0.00	0.00
13,100.00	89.70	270.17	7,096.18	-2,676.21	-4,437.25	4,429.29	0.00	0.00	0.00
13,200.00	89.70	270.17	7,096.70	-2,675.92	-4,537.25	4,529.29	0.00	0.00	0.00
13,256.62	89.70	270.17	7,097.00	-2,675.75	-4,593.87	4,585.91	0.00	0.00	0.00
TD at 13256.62 - PBHL_Falken 31N-14B-S(1015' FNL & 460' FWL)									

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well Falken 31N-14B-S
Company:	Synergy Resources Corporation	TVD Reference:	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
Project:	SEC 12-13 T6N R66W	MD Reference:	GL 4810 & KB 20 @ 4830.00ft (Original Well Elev)
Site:	Falken 9-11 PAD	North Reference:	True
Well:	Falken 31N-14B-S	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
TOP_Falken 31N-14B-S	0.00	0.00	7,070.00	-2,690.75	568.50	1,423,273.26	3,213,076.41	40.4927520	-104.7339080
- plan misses target center by 0.12ft at 8094.16ft MD (7070.00 TVD, -2690.87 N, 568.50 E)									
- Point									
PBHL_Falken 31N-14B-	0.00	0.00	7,097.00	-2,675.75	-4,593.87	1,423,243.77	3,207,914.11	40.4927920	-104.7524690
- plan hits target center									
- Point									

Casing Points					
Measured Depth	Vertical Depth	Name		Casing Diameter	Hole Diameter
(ft)	(ft)			(in)	(in)
1,816.51	1,750.00	9 5/8"		9.625	13.500

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates		Comment	
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)		
300.00	300.00	0.00	0.00	Start Build 2.00	
1,613.50	1,567.96	-264.77	132.07	Start 5356.36 hold at 1613.50 MD	
6,969.86	6,371.11	-2,386.24	1,190.25	Start DLS 9.00 TFO 114.38	
8,094.17	7,070.00	-2,690.87	568.49	LP(1031 FNL 300 FWL)	
13,256.62	7,097.00	-2,675.75	-4,593.87	TD at 13256.62	