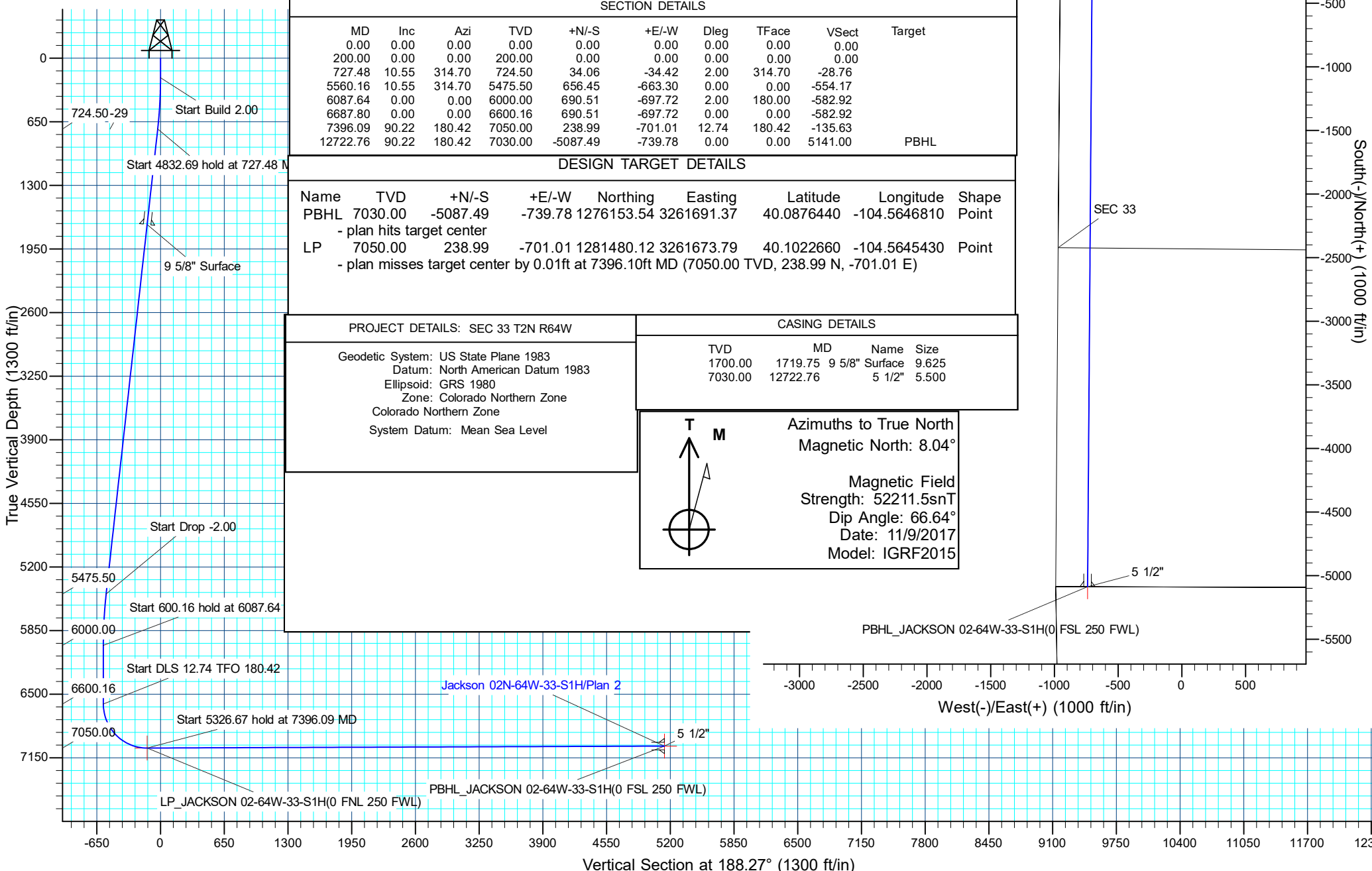
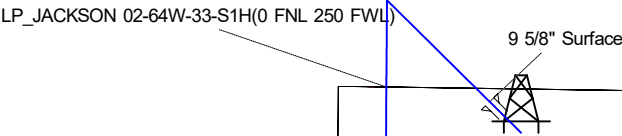




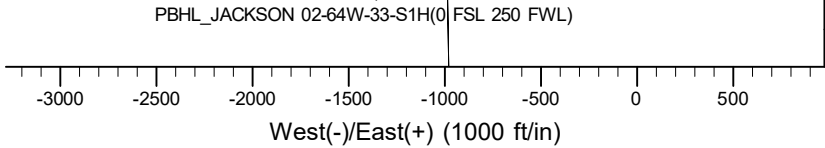
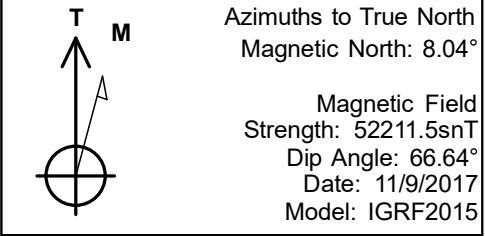
Project: SEC 33 T2N R64W
Site: Jackson 02N-64W-33
Pad Well: Jackson 33-S1H
Wellbore: OH
Design: Plan 2
Lat: 40.1016100
Long: -104.5620370

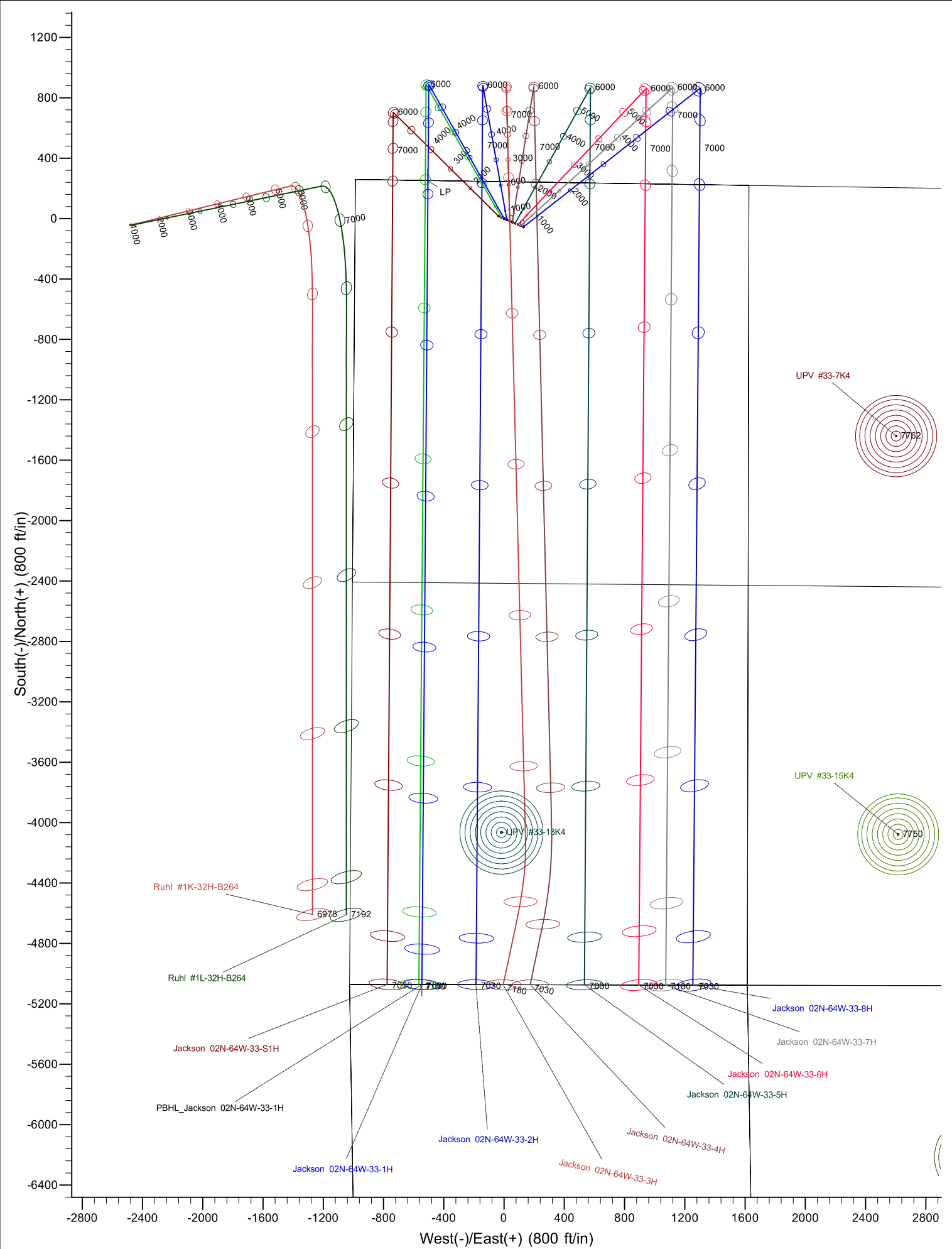


SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	
727.48	10.55	314.70	724.50	34.06	-34.42	2.00	314.70	-28.76	
5560.16	10.55	314.70	5475.50	656.45	-663.30	0.00	0.00	-554.17	
6087.64	0.00	0.00	6000.00	690.51	-697.72	2.00	180.00	-582.92	
6687.80	0.00	0.00	6600.16	690.51	-697.72	0.00	0.00	-582.92	
7396.09	90.22	180.42	7050.00	238.99	-701.01	12.74	180.42	-135.63	
12722.76	90.22	180.42	7030.00	-5087.49	-739.78	0.00	0.00	5141.00	PBHL

DESIGN TARGET DETAILS									
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape	
PBHL	7030.00	-5087.49	-739.78	1276153.54	3261691.37	40.0876440	-104.5646810	Point	
- plan hits target center									
LP	7050.00	238.99	-701.01	1281480.12	3261673.79	40.1022660	-104.5645430	Point	
- plan misses target center by 0.01ft at 7396.10ft MD (7050.00 TVD, 238.99 N, -701.01 E)									

PROJECT DETAILS: SEC 33 T2N R64W					CASING DETAILS			
Geodetic System: US State Plane 1983					TVD	MD	Name	Size
Datum: North American Datum 1983					1700.00	1719.75	9 5/8" Surface	9.625
Ellipsoid: GRS 1980					7030.00	12722.76	5 1/2"	5.500
Zone: Colorado Northern Zone								
Colorado Northern Zone								
System Datum: Mean Sea Level								







Veradad Oil & Gas Corporation

SEC 33 T2N R64W

Jackson 02N-64W-33 Pad

Jackson 02N-64W-33-S1H

OH

Plan: Plan 2

Standard Planning Report

22 December, 2017



Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well Jackson 02N-64W-33-S1H
Company:	Verdad Oil & Gas Corporation	TVD Reference:	GL @ 5017.00ft (Ground)
Project:	SEC 33 T2N R64W	MD Reference:	GL @ 5017.00ft (Ground)
Site:	Jackson 02N-64W-33 Pad	North Reference:	True
Well:	Jackson 02N-64W-33-S1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2		

Project	SEC 33 T2N R64W		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site	Jackson 02N-64W-33 Pad			
Site Position:		Northing:	1,281,248.57 usft	Latitude: 40.1016100
From:	Lat/Long	Easting:	3,262,377.29 usft	Longitude: -104.5620370
Position Uncertainty:	3.28 ft	Slot Radius:	13.200 in	Grid Convergence: 0.61 °

Well	Jackson 02N-64W-33-S1H, 213 FNL 916 FWL			
Well Position	+N/-S	-0.01 ft	Northing:	1,281,248.56 usft
	+E/-W	0.00 ft	Easting:	3,262,377.29 usft
Position Uncertainty		0.00 ft	Wellhead Elevation:	Ground Level: 5,017.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/9/2017	8.04	66.64	52,212

Design	Plan 2			
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	188.27

Plan Survey Tool Program	Date	12/22/2017		
Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	12,722.46 Plan 2 (OH)	MWD	
			OWSG MWD - Standard	

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	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
727.48	10.55	314.70	724.50	34.06	-34.42	2.00	2.00	0.00	314.70	
5,560.16	10.55	314.70	5,475.50	656.45	-663.30	0.00	0.00	0.00	0.00	
6,087.64	0.00	0.00	6,000.00	690.51	-697.72	2.00	-2.00	0.00	180.00	
6,687.80	0.00	0.00	6,600.16	690.51	-697.72	0.00	0.00	0.00	0.00	
7,396.09	90.22	180.42	7,050.00	238.99	-701.01	12.74	12.74	-25.35	180.42	
12,722.76	90.22	180.42	7,030.00	-5,087.49	-739.78	0.00	0.00	0.00	0.00	PBHL_JACKSON 02-

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well Jackson 02N-64W-33-S1H
Company:	Verdad Oil & Gas Corporation	TVD Reference:	GL @ 5017.00ft (Ground)
Project:	SEC 33 T2N R64W	MD Reference:	GL @ 5017.00ft (Ground)
Site:	Jackson 02N-64W-33 Pad	North Reference:	True
Well:	Jackson 02N-64W-33-S1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2		

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	2.00	314.70	299.98	1.23	-1.24	-1.04	2.00	2.00	0.00
400.00	4.00	314.70	399.84	4.91	-4.96	-4.14	2.00	2.00	0.00
500.00	6.00	314.70	499.45	11.04	-11.15	-9.32	2.00	2.00	0.00
600.00	8.00	314.70	598.70	19.61	-19.82	-16.56	2.00	2.00	0.00
700.00	10.00	314.70	697.47	30.62	-30.93	-25.84	2.00	2.00	0.00
727.48	10.55	314.70	724.50	34.06	-34.42	-28.76	2.00	2.00	0.00
800.00	10.55	314.70	795.80	43.40	-43.86	-36.64	0.00	0.00	0.00
900.00	10.55	314.70	894.11	56.28	-56.87	-47.51	0.00	0.00	0.00
1,000.00	10.55	314.70	992.42	69.16	-69.88	-58.38	0.00	0.00	0.00
1,100.00	10.55	314.70	1,090.73	82.04	-82.90	-69.26	0.00	0.00	0.00
1,200.00	10.55	314.70	1,189.04	94.92	-95.91	-80.13	0.00	0.00	0.00
1,300.00	10.55	314.70	1,287.35	107.80	-108.92	-91.00	0.00	0.00	0.00
1,400.00	10.55	314.70	1,385.66	120.67	-121.93	-101.87	0.00	0.00	0.00
1,500.00	10.55	314.70	1,483.97	133.55	-134.95	-112.74	0.00	0.00	0.00
1,600.00	10.55	314.70	1,582.28	146.43	-147.96	-123.62	0.00	0.00	0.00
1,700.00	10.55	314.70	1,680.59	159.31	-160.97	-134.49	0.00	0.00	0.00
1,719.75	10.55	314.70	1,700.00	161.85	-163.54	-136.64	0.00	0.00	0.00
9 5/8" Surface									
1,800.00	10.55	314.70	1,778.90	172.19	-173.99	-145.36	0.00	0.00	0.00
1,900.00	10.55	314.70	1,877.21	185.07	-187.00	-156.23	0.00	0.00	0.00
2,000.00	10.55	314.70	1,975.52	197.95	-200.01	-167.11	0.00	0.00	0.00
2,100.00	10.55	314.70	2,073.83	210.83	-213.03	-177.98	0.00	0.00	0.00
2,200.00	10.55	314.70	2,172.14	223.70	-226.04	-188.85	0.00	0.00	0.00
2,300.00	10.55	314.70	2,270.45	236.58	-239.05	-199.72	0.00	0.00	0.00
2,400.00	10.55	314.70	2,368.76	249.46	-252.07	-210.59	0.00	0.00	0.00
2,500.01	10.55	314.70	2,467.07	262.34	-265.08	-221.47	0.00	0.00	0.00
2,600.01	10.55	314.70	2,565.38	275.22	-278.09	-232.34	0.00	0.00	0.00
2,700.01	10.55	314.70	2,663.69	288.10	-291.11	-243.21	0.00	0.00	0.00
2,800.01	10.55	314.70	2,762.00	300.98	-304.12	-254.08	0.00	0.00	0.00
2,900.01	10.55	314.70	2,860.31	313.86	-317.13	-264.95	0.00	0.00	0.00
3,000.01	10.55	314.70	2,958.62	326.73	-330.15	-275.83	0.00	0.00	0.00
3,100.01	10.55	314.70	3,056.93	339.61	-343.16	-286.70	0.00	0.00	0.00
3,200.01	10.55	314.70	3,155.24	352.49	-356.17	-297.57	0.00	0.00	0.00
3,300.01	10.55	314.70	3,253.55	365.37	-369.18	-308.44	0.00	0.00	0.00
3,400.01	10.55	314.70	3,351.86	378.25	-382.20	-319.31	0.00	0.00	0.00
3,500.01	10.55	314.70	3,450.17	391.13	-395.21	-330.19	0.00	0.00	0.00
3,600.01	10.55	314.70	3,548.48	404.01	-408.22	-341.06	0.00	0.00	0.00
3,700.01	10.55	314.70	3,646.79	416.88	-421.24	-351.93	0.00	0.00	0.00
3,800.01	10.55	314.70	3,745.10	429.76	-434.25	-362.80	0.00	0.00	0.00
3,900.01	10.55	314.70	3,843.41	442.64	-447.26	-373.68	0.00	0.00	0.00
4,000.01	10.55	314.70	3,941.72	455.52	-460.28	-384.55	0.00	0.00	0.00
4,100.01	10.55	314.70	4,040.03	468.40	-473.29	-395.42	0.00	0.00	0.00
4,200.01	10.55	314.70	4,138.34	481.28	-486.30	-406.29	0.00	0.00	0.00
4,300.01	10.55	314.70	4,236.65	494.16	-499.32	-417.16	0.00	0.00	0.00
4,400.01	10.55	314.70	4,334.96	507.04	-512.33	-428.04	0.00	0.00	0.00
4,500.01	10.55	314.70	4,433.27	519.91	-525.34	-438.91	0.00	0.00	0.00
4,600.01	10.55	314.70	4,531.58	532.79	-538.36	-449.78	0.00	0.00	0.00
4,700.01	10.55	314.70	4,629.89	545.67	-551.37	-460.65	0.00	0.00	0.00
4,800.01	10.55	314.70	4,728.20	558.55	-564.38	-471.52	0.00	0.00	0.00
4,900.01	10.55	314.70	4,826.51	571.43	-577.40	-482.40	0.00	0.00	0.00
5,000.01	10.55	314.70	4,924.82	584.31	-590.41	-493.27	0.00	0.00	0.00

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well Jackson 02N-64W-33-S1H
Company:	Verdad Oil & Gas Corporation	TVD Reference:	GL @ 5017.00ft (Ground)
Project:	SEC 33 T2N R64W	MD Reference:	GL @ 5017.00ft (Ground)
Site:	Jackson 02N-64W-33 Pad	North Reference:	True
Well:	Jackson 02N-64W-33-S1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2		

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)
5,100.01	10.55	314.70	5,023.13	597.19	-603.42	-504.14	0.00	0.00	0.00
5,200.01	10.55	314.70	5,121.44	610.07	-616.44	-515.01	0.00	0.00	0.00
5,300.01	10.55	314.70	5,219.75	622.94	-629.45	-525.88	0.00	0.00	0.00
5,400.01	10.55	314.70	5,318.06	635.82	-642.46	-536.76	0.00	0.00	0.00
5,500.01	10.55	314.70	5,416.37	648.70	-655.47	-547.63	0.00	0.00	0.00
5,560.16	10.55	314.70	5,475.50	656.45	-663.30	-554.17	0.00	0.00	0.00
5,600.01	9.75	314.70	5,514.73	661.39	-668.29	-558.34	2.00	-2.00	0.00
5,700.01	7.75	314.70	5,613.56	672.09	-679.11	-567.37	2.00	-2.00	0.00
5,800.01	5.75	314.70	5,712.86	680.36	-687.47	-574.36	2.00	-2.00	0.00
5,900.01	3.75	314.70	5,812.51	686.19	-693.35	-579.28	2.00	-2.00	0.00
6,000.01	1.75	314.70	5,912.39	689.57	-696.77	-582.13	2.00	-2.00	0.00
6,087.64	0.00	0.00	6,000.00	690.51	-697.72	-582.92	2.00	-2.00	0.00
6,100.01	0.00	0.00	6,012.37	690.51	-697.72	-582.92	0.00	0.00	0.00
6,200.01	0.00	0.00	6,112.38	690.51	-697.72	-582.92	0.00	0.00	0.00
6,300.01	0.00	0.00	6,212.38	690.51	-697.72	-582.92	0.00	0.00	0.00
6,400.01	0.00	0.00	6,312.38	690.51	-697.72	-582.92	0.00	0.00	0.00
6,500.01	0.00	0.00	6,412.38	690.51	-697.72	-582.92	0.00	0.00	0.00
6,600.01	0.00	0.00	6,512.38	690.51	-697.72	-582.92	0.00	0.00	0.00
6,687.80	0.00	0.00	6,600.16	690.51	-697.72	-582.92	0.00	0.00	0.00
6,700.01	1.55	180.42	6,612.37	690.34	-697.72	-582.76	12.72	12.72	0.00
6,800.01	14.29	180.42	6,711.22	676.59	-697.82	-569.13	12.74	12.74	0.00
6,900.01	27.03	180.42	6,804.59	641.38	-698.08	-534.25	12.74	12.74	0.00
7,000.01	39.77	180.42	6,887.91	586.44	-698.48	-479.83	12.74	12.74	0.00
7,100.01	52.50	180.42	6,957.06	514.50	-699.00	-408.56	12.74	12.74	0.00
7,200.01	65.24	180.42	7,008.65	429.07	-699.62	-323.93	12.74	12.74	0.00
7,300.01	77.98	180.42	7,040.13	334.38	-700.31	-230.12	12.74	12.74	0.00
7,396.09	90.22	180.42	7,050.00	238.99	-701.01	-135.63	12.74	12.74	0.00
7,396.10	90.22	180.42	7,050.00	238.99	-701.01	-135.62	0.00	0.00	0.00
LP_JACKSON 02-64W-33-S1H(0 FNL 250 FWL)									
7,400.01	90.22	180.42	7,049.98	235.07	-701.03	-131.75	0.00	0.00	0.00
7,500.02	90.22	180.42	7,049.61	135.07	-701.76	-32.69	0.00	0.00	0.00
7,600.02	90.22	180.42	7,049.23	35.08	-702.49	66.37	0.00	0.00	0.00
7,700.02	90.22	180.42	7,048.86	-64.92	-703.22	165.43	0.00	0.00	0.00
7,800.02	90.22	180.42	7,048.48	-164.92	-703.95	264.50	0.00	0.00	0.00
7,900.02	90.22	180.42	7,048.10	-264.91	-704.67	363.56	0.00	0.00	0.00
8,000.02	90.22	180.42	7,047.73	-364.91	-705.40	462.62	0.00	0.00	0.00
8,100.02	90.22	180.42	7,047.35	-464.91	-706.13	561.68	0.00	0.00	0.00
8,200.02	90.22	180.42	7,046.98	-564.90	-706.86	660.74	0.00	0.00	0.00
8,300.02	90.22	180.42	7,046.60	-664.90	-707.59	759.80	0.00	0.00	0.00
8,400.02	90.22	180.42	7,046.23	-764.90	-708.31	858.86	0.00	0.00	0.00
8,500.02	90.22	180.42	7,045.85	-864.89	-709.04	957.92	0.00	0.00	0.00
8,600.02	90.22	180.42	7,045.48	-964.89	-709.77	1,056.98	0.00	0.00	0.00
8,700.02	90.22	180.42	7,045.10	-1,064.89	-710.50	1,156.04	0.00	0.00	0.00
8,800.02	90.22	180.42	7,044.73	-1,164.88	-711.22	1,255.10	0.00	0.00	0.00
8,900.02	90.22	180.42	7,044.35	-1,264.88	-711.95	1,354.17	0.00	0.00	0.00
9,000.02	90.22	180.42	7,043.98	-1,364.88	-712.68	1,453.23	0.00	0.00	0.00
9,100.02	90.22	180.42	7,043.60	-1,464.88	-713.41	1,552.29	0.00	0.00	0.00
9,200.02	90.22	180.42	7,043.22	-1,564.87	-714.14	1,651.35	0.00	0.00	0.00
9,300.02	90.22	180.42	7,042.85	-1,664.87	-714.86	1,750.41	0.00	0.00	0.00
9,400.02	90.22	180.42	7,042.47	-1,764.87	-715.59	1,849.47	0.00	0.00	0.00
9,500.02	90.22	180.42	7,042.10	-1,864.86	-716.32	1,948.53	0.00	0.00	0.00
9,600.02	90.22	180.42	7,041.72	-1,964.86	-717.05	2,047.59	0.00	0.00	0.00
9,700.02	90.22	180.42	7,041.35	-2,064.86	-717.78	2,146.65	0.00	0.00	0.00

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well Jackson 02N-64W-33-S1H
Company:	Verdad Oil & Gas Corporation	TVD Reference:	GL @ 5017.00ft (Ground)
Project:	SEC 33 T2N R64W	MD Reference:	GL @ 5017.00ft (Ground)
Site:	Jackson 02N-64W-33 Pad	North Reference:	True
Well:	Jackson 02N-64W-33-S1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2		

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)	
9,800.02	90.22	180.42	7,040.97	-2,164.85	-718.50	2,245.71	0.00	0.00	0.00	
9,900.02	90.22	180.42	7,040.60	-2,264.85	-719.23	2,344.77	0.00	0.00	0.00	
10,000.02	90.22	180.42	7,040.22	-2,364.85	-719.96	2,443.83	0.00	0.00	0.00	
10,100.02	90.22	180.42	7,039.85	-2,464.84	-720.69	2,542.90	0.00	0.00	0.00	
10,200.02	90.22	180.42	7,039.47	-2,564.84	-721.41	2,641.96	0.00	0.00	0.00	
10,300.02	90.22	180.42	7,039.10	-2,664.84	-722.14	2,741.02	0.00	0.00	0.00	
10,400.02	90.22	180.42	7,038.72	-2,764.83	-722.87	2,840.08	0.00	0.00	0.00	
10,500.02	90.22	180.42	7,038.34	-2,864.83	-723.60	2,939.14	0.00	0.00	0.00	
10,600.02	90.22	180.42	7,037.97	-2,964.83	-724.33	3,038.20	0.00	0.00	0.00	
10,700.02	90.22	180.42	7,037.59	-3,064.82	-725.05	3,137.26	0.00	0.00	0.00	
10,800.02	90.22	180.42	7,037.22	-3,164.82	-725.78	3,236.32	0.00	0.00	0.00	
10,900.02	90.22	180.42	7,036.84	-3,264.82	-726.51	3,335.38	0.00	0.00	0.00	
11,000.02	90.22	180.42	7,036.47	-3,364.82	-727.24	3,434.44	0.00	0.00	0.00	
11,100.02	90.22	180.42	7,036.09	-3,464.81	-727.96	3,533.50	0.00	0.00	0.00	
11,200.02	90.22	180.42	7,035.72	-3,564.81	-728.69	3,632.57	0.00	0.00	0.00	
11,300.02	90.22	180.42	7,035.34	-3,664.81	-729.42	3,731.63	0.00	0.00	0.00	
11,400.02	90.22	180.42	7,034.97	-3,764.80	-730.15	3,830.69	0.00	0.00	0.00	
11,500.02	90.22	180.42	7,034.59	-3,864.80	-730.88	3,929.75	0.00	0.00	0.00	
11,600.02	90.22	180.42	7,034.21	-3,964.80	-731.60	4,028.81	0.00	0.00	0.00	
11,700.02	90.22	180.42	7,033.84	-4,064.79	-732.33	4,127.87	0.00	0.00	0.00	
11,800.02	90.22	180.42	7,033.46	-4,164.79	-733.06	4,226.93	0.00	0.00	0.00	
11,900.02	90.22	180.42	7,033.09	-4,264.79	-733.79	4,325.99	0.00	0.00	0.00	
12,000.02	90.22	180.42	7,032.71	-4,364.78	-734.52	4,425.05	0.00	0.00	0.00	
12,100.02	90.22	180.42	7,032.34	-4,464.78	-735.24	4,524.11	0.00	0.00	0.00	
12,200.02	90.22	180.42	7,031.96	-4,564.78	-735.97	4,623.17	0.00	0.00	0.00	
12,300.02	90.22	180.42	7,031.59	-4,664.77	-736.70	4,722.24	0.00	0.00	0.00	
12,400.03	90.22	180.42	7,031.21	-4,764.77	-737.43	4,821.30	0.00	0.00	0.00	
12,500.03	90.22	180.42	7,030.84	-4,864.77	-738.15	4,920.36	0.00	0.00	0.00	
12,600.03	90.22	180.42	7,030.46	-4,964.76	-738.88	5,019.42	0.00	0.00	0.00	
12,700.03	90.22	180.42	7,030.09	-5,064.76	-739.61	5,118.48	0.00	0.00	0.00	
12,722.76	90.22	180.42	7,030.00	-5,087.49	-739.78	5,141.00	0.00	0.00	0.00	
PBHL_JACKSON 02-64W-33-S1H(0 FSL 250 FWL)										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
PBHL_JACKSON 02-64'	0.00	0.00	7,030.00	-5,087.49	-739.78	1,276,153.54	3,261,691.37	40.0876440	-104.5646810	
- plan hits target center										
- Point										
LP_JACKSON 02-64W-	0.00	0.00	7,050.00	238.99	-701.01	1,281,480.12	3,261,673.79	40.1022660	-104.5645430	
- plan misses target center by 0.01ft at 7396.10ft MD (7050.00 TVD, 238.99 N, -701.01 E)										
- Point										

Database:	EDM 5000.14 Single User Db	Local Co-ordinate Reference:	Well Jackson 02N-64W-33-S1H
Company:	Veradad Oil & Gas Corporation	TVD Reference:	GL @ 5017.00ft (Ground)
Project:	SEC 33 T2N R64W	MD Reference:	GL @ 5017.00ft (Ground)
Site:	Jackson 02N-64W-33 Pad	North Reference:	True
Well:	Jackson 02N-64W-33-S1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan 2		

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)	
1,719.75	1,700.00	9 5/8" Surface	9.625	13.500	
12,722.76	7,030.00	5 1/2"	5.500	8.500	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
200.00	200.00	0.00	0.00	Start Build 2.00	
727.48	724.50	34.06	-34.42	Start 4832.69 hold at 727.48 MD	
5,560.16	5,475.50	656.45	-663.30	Start Drop -2.00	
6,087.64	6,000.00	690.51	-697.72	Start 600.16 hold at 6087.64 MD	
6,687.80	6,600.16	690.51	-697.72	Start DLS 12.74 TFO 180.42	
7,396.09	7,050.00	238.99	-701.01	Start 5326.67 hold at 7396.09 MD	
12,722.76	7,030.00	-5,087.49	-739.78	TD at 12722.76	