

VERDAD RESOURCES

WATTENBERG FIELD

9N-59W-01 TIMBRO 0101 PAD

TIMBRO 0101-05H

Plan B

Plan: Design #1

Standard Planning Report

13 October, 2021

Project: WATTENBERG FIELD
Site: 9N-59W-01 TIMBRO 0101 PAD
Well: TIMBRO 0101-05H
Wellbore: Plan B
Design: Design #1

VERDAD RESOURCES

CASING DETAILS

TVD	MD	Name	Size
1600.00	1641.31	9 5/8"	9-5/8

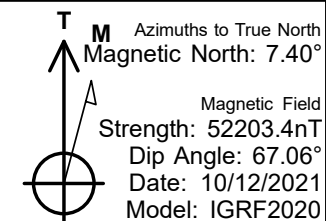
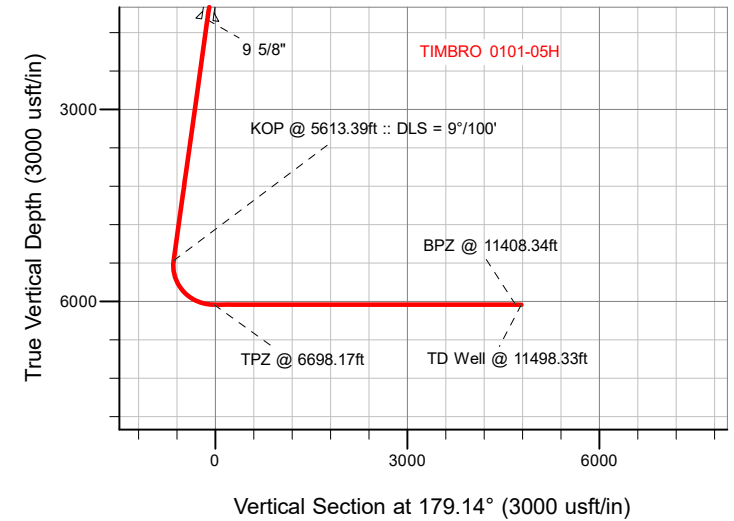
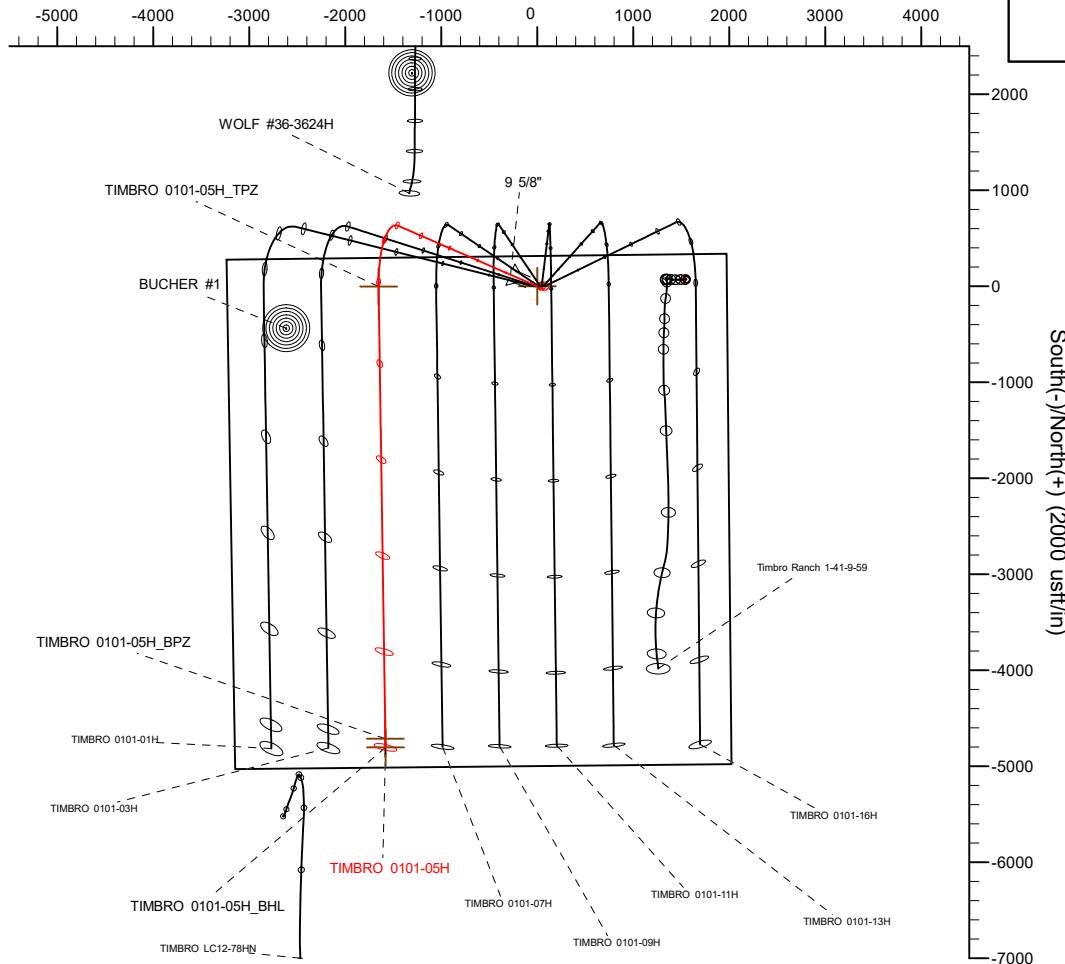
SECTION DETAILS

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	
239.50	0.00	0.00	239.50	0.00	0.00	0.00	0.00	0.00	
1177.50	18.76	293.53	1160.83	60.76	-139.54	2.00	293.53	-62.85	
5613.39	18.76	293.53	5361.06	630.30	-1447.52	0.00	0.00	-651.96	
6698.17	90.00	179.14	6050.00	-3.79	-1651.20	9.00	-113.23	-20.99	
11498.33	90.00	179.14	6050.00	-4803.42	-1579.53	0.00	0.00	4779.17	TIMBRO 0101-05H_BHL

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude
TIMBRO 0101-05H_SHL	0.00	0.00	0.00	40.786592	-103.924461
TIMBRO 0101-05H_BHL	6050.00	-4803.42	-1579.53	40.773408	-103.930163
TIMBRO 0101-05H_BPZ	6050.00	-4713.43	-1580.87	40.773655	-103.930168
TIMBRO 0101-05H_TPZ	6050.00	-3.79	-1651.20	40.786581	-103.930423

West(-)/East(+) (2000 usft/in)



WELL DETAILS: TIMBRO 0101-05H

GL = 4938'

RKB = 24' @ 4962.00usft (RIG)

Plan: Design #1 (TIMBRO 0101-05H/Plan B)

Date: 10/13/2021

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well TIMBRO 0101-05H
Company:	VERDAD RESOURCES	TVD Reference:	RKB = 24' @ 4962.00usft (RIG)
Project:	WATTENBERG FIELD	MD Reference:	RKB = 24' @ 4962.00usft (RIG)
Site:	9N-59W-01 TIMBRO 0101 PAD	North Reference:	True
Well:	TIMBRO 0101-05H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan B		
Design:	Design #1		

Project	WATTENBERG FIELD		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		9N-59W-01 TIMBRO 0101 PAD				
Site Position:		Northing:	1,533,230.40	usft	Latitude:	40.786474
From:	Lat/Long	Easting:	3,436,039.96	usft	Longitude:	-103.925326
Position Uncertainty:		0.00	usft	Slot Radius:	13-3/16	"

Well		TIMBRO 0101-05H				
Well Position	+N/-S	0.00 usft	Northing:	1,533,277.53 usft	Latitude:	40.786592
	+E/-W	0.00 usft	Easting:	3,436,278.67 usft	Longitude:	-103.924461
Position Uncertainty		3.28 usft	Wellhead Elevation:	usft	Ground Level:	4,938.00 usft
Grid Convergence:		1.02 °				

Wellbore	Plan B				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF202013	10/12/2021	7.40	67.06	52,203.42762588

Design	Design #1				
Audit Notes:					
Version:		Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	179.14	

Plan Survey Tool Program	Date	10/13/2021			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	1,600.00	Design #1 (Plan B)	ISCWSA MWD	
				Fixed:v2:standard declination	
2	1,600.00	11,498.33	Design #1 (Plan B)	ISCWSA MWD	
				Fixed:v2:standard declination	

Planning Report

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Project:	WATTENBERG FIELD	MD Reference:	RKB = 24' @ 4962.00usft (RIG)
Site:	9N-59W-01 TIMBRO 0101 PAD	North Reference:	True
Well:	TIMBRO 0101-05H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan B		
Design:	Design #1		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
239.50	0.00	0.00	239.50	0.00	0.00	0.00	0.00	0.00	0.00	
1,177.50	18.76	293.53	1,160.83	60.76	-139.54	2.00	2.00	0.00	293.53	
5,613.39	18.76	293.53	5,361.06	630.30	-1,447.52	0.00	0.00	0.00	0.00	
6,698.17	90.00	179.14	6,050.00	-3.79	-1,651.20	9.00	6.57	-10.54	-113.23	
11,498.33	90.00	179.14	6,050.00	-4,803.42	-1,579.53	0.00	0.00	0.00	0.00	TIMBRO 0101-05H_E

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well TIMBRO 0101-05H
Company:	VERDAD RESOURCES	TVD Reference:	RKB = 24' @ 4962.00usft (RIG)
Project:	WATTENBERG FIELD	MD Reference:	RKB = 24' @ 4962.00usft (RIG)
Site:	9N-59W-01 TIMBRO 0101 PAD	North Reference:	True
Well:	TIMBRO 0101-05H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan B		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
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
239.50	0.00	0.00	239.50	0.00	0.00	0.00	0.00	0.00	0.00
Begin Nudge @ 239.50ft									
300.00	1.21	293.53	300.00	0.26	-0.59	-0.26	2.00	2.00	0.00
400.00	3.21	293.53	399.92	1.79	-4.12	-1.86	2.00	2.00	0.00
500.00	5.21	293.53	499.64	4.73	-10.85	-4.89	2.00	2.00	0.00
600.00	7.21	293.53	599.05	9.04	-20.77	-9.35	2.00	2.00	0.00
700.00	9.21	293.53	698.02	14.74	-33.86	-15.25	2.00	2.00	0.00
800.00	11.21	293.53	796.43	21.82	-50.11	-22.57	2.00	2.00	0.00
900.00	13.21	293.53	894.16	30.26	-69.50	-31.30	2.00	2.00	0.00
1,000.00	15.21	293.53	991.10	40.06	-92.01	-41.44	2.00	2.00	0.00
1,100.00	17.21	293.53	1,087.12	51.21	-117.60	-52.97	2.00	2.00	0.00
1,177.50	18.76	293.53	1,160.83	60.76	-139.54	-62.85	2.00	2.00	0.00
Hold Tangent @ 1177.50ft									
1,200.00	18.76	293.53	1,182.13	63.65	-146.17	-65.84	0.00	0.00	0.00
1,300.00	18.76	293.53	1,276.82	76.49	-175.66	-79.12	0.00	0.00	0.00
1,400.00	18.76	293.53	1,371.51	89.33	-205.15	-92.40	0.00	0.00	0.00
1,500.00	18.76	293.53	1,466.20	102.17	-234.63	-105.68	0.00	0.00	0.00
1,600.00	18.76	293.53	1,560.88	115.01	-264.12	-118.96	0.00	0.00	0.00
1,641.31	18.76	293.53	1,600.00	120.31	-276.30	-124.44	0.00	0.00	0.00
9 5/8"									
1,700.00	18.76	293.53	1,655.57	127.85	-293.61	-132.24	0.00	0.00	0.00
1,800.00	18.76	293.53	1,750.26	140.69	-323.09	-145.52	0.00	0.00	0.00
1,900.00	18.76	293.53	1,844.95	153.53	-352.58	-158.80	0.00	0.00	0.00
2,000.00	18.76	293.53	1,939.63	166.36	-382.07	-172.08	0.00	0.00	0.00
2,100.00	18.76	293.53	2,034.32	179.20	-411.55	-185.36	0.00	0.00	0.00
2,200.00	18.76	293.53	2,129.01	192.04	-441.04	-198.64	0.00	0.00	0.00
2,300.00	18.76	293.53	2,223.70	204.88	-470.52	-211.92	0.00	0.00	0.00
2,400.00	18.76	293.53	2,318.38	217.72	-500.01	-225.20	0.00	0.00	0.00
2,500.00	18.76	293.53	2,413.07	230.56	-529.50	-238.48	0.00	0.00	0.00
2,600.00	18.76	293.53	2,507.76	243.40	-558.98	-251.76	0.00	0.00	0.00
2,700.00	18.76	293.53	2,602.45	256.24	-588.47	-265.04	0.00	0.00	0.00
2,800.00	18.76	293.53	2,697.13	269.08	-617.96	-278.32	0.00	0.00	0.00
2,900.00	18.76	293.53	2,791.82	281.92	-647.44	-291.61	0.00	0.00	0.00
3,000.00	18.76	293.53	2,886.51	294.76	-676.93	-304.89	0.00	0.00	0.00
3,100.00	18.76	293.53	2,981.20	307.60	-706.42	-318.17	0.00	0.00	0.00
3,200.00	18.76	293.53	3,075.88	320.44	-735.90	-331.45	0.00	0.00	0.00
3,300.00	18.76	293.53	3,170.57	333.28	-765.39	-344.73	0.00	0.00	0.00
3,400.00	18.76	293.53	3,265.26	346.12	-794.87	-358.01	0.00	0.00	0.00
3,500.00	18.76	293.53	3,359.94	358.96	-824.36	-371.29	0.00	0.00	0.00
3,600.00	18.76	293.53	3,454.63	371.80	-853.85	-384.57	0.00	0.00	0.00
3,700.00	18.76	293.53	3,549.32	384.63	-883.33	-397.85	0.00	0.00	0.00
3,800.00	18.76	293.53	3,644.01	397.47	-912.82	-411.13	0.00	0.00	0.00
3,900.00	18.76	293.53	3,738.69	410.31	-942.31	-424.41	0.00	0.00	0.00
4,000.00	18.76	293.53	3,833.38	423.15	-971.79	-437.69	0.00	0.00	0.00
4,100.00	18.76	293.53	3,928.07	435.99	-1,001.28	-450.97	0.00	0.00	0.00
4,200.00	18.76	293.53	4,022.76	448.83	-1,030.77	-464.25	0.00	0.00	0.00
4,300.00	18.76	293.53	4,117.44	461.67	-1,060.25	-477.53	0.00	0.00	0.00
4,400.00	18.76	293.53	4,212.13	474.51	-1,089.74	-490.81	0.00	0.00	0.00
4,500.00	18.76	293.53	4,306.82	487.35	-1,119.22	-504.09	0.00	0.00	0.00
4,600.00	18.76	293.53	4,401.51	500.19	-1,148.71	-517.37	0.00	0.00	0.00

Planning Report

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Project:	WATTENBERG FIELD	MD Reference:	RKB = 24' @ 4962.00usft (RIG)
Site:	9N-59W-01 TIMBRO 0101 PAD	North Reference:	True
Well:	TIMBRO 0101-05H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan B		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,700.00	18.76	293.53	4,496.19	513.03	-1,178.20	-530.65	0.00	0.00	0.00
4,800.00	18.76	293.53	4,590.88	525.87	-1,207.68	-543.94	0.00	0.00	0.00
4,900.00	18.76	293.53	4,685.57	538.71	-1,237.17	-557.22	0.00	0.00	0.00
5,000.00	18.76	293.53	4,780.26	551.55	-1,266.66	-570.50	0.00	0.00	0.00
5,100.00	18.76	293.53	4,874.94	564.39	-1,296.14	-583.78	0.00	0.00	0.00
5,200.00	18.76	293.53	4,969.63	577.23	-1,325.63	-597.06	0.00	0.00	0.00
5,300.00	18.76	293.53	5,064.32	590.06	-1,355.12	-610.34	0.00	0.00	0.00
5,400.00	18.76	293.53	5,159.01	602.90	-1,384.60	-623.62	0.00	0.00	0.00
5,500.00	18.76	293.53	5,253.69	615.74	-1,414.09	-636.90	0.00	0.00	0.00
5,600.00	18.76	293.53	5,348.38	628.58	-1,443.57	-650.18	0.00	0.00	0.00
5,613.39	18.76	293.53	5,361.06	630.30	-1,447.52	-651.96	0.00	0.00	0.00
KOP @ 5613.39ft :: DLS = 9°/100'									
5,650.00	17.71	283.53	5,395.84	633.96	-1,458.34	-655.77	9.00	-2.86	-27.31
5,700.00	17.19	268.59	5,443.56	635.56	-1,473.13	-657.59	9.00	-1.04	-29.89
5,750.00	17.79	253.71	5,491.27	633.23	-1,487.85	-655.49	9.00	1.20	-29.75
5,800.00	19.41	240.51	5,538.68	626.99	-1,502.43	-649.47	9.00	3.24	-26.39
5,850.00	21.83	229.70	5,585.49	616.89	-1,516.76	-639.58	9.00	4.83	-21.62
5,900.00	24.81	221.16	5,631.41	602.97	-1,530.76	-625.88	9.00	5.96	-17.09
5,950.00	28.17	214.43	5,676.17	585.33	-1,544.34	-608.44	9.00	6.72	-13.45
6,000.00	31.79	209.08	5,719.48	564.07	-1,557.42	-587.38	9.00	7.25	-10.70
6,050.00	35.60	204.75	5,761.08	539.33	-1,569.92	-562.83	9.00	7.61	-8.67
6,100.00	39.53	201.16	5,800.71	511.26	-1,581.76	-534.95	9.00	7.87	-7.18
6,150.00	43.56	198.13	5,838.12	480.03	-1,592.87	-503.89	9.00	8.05	-6.06
6,200.00	47.66	195.52	5,873.10	445.84	-1,603.18	-469.85	9.00	8.19	-5.22
6,250.00	51.80	193.23	5,905.41	408.89	-1,612.63	-433.05	9.00	8.30	-4.58
6,300.00	55.99	191.19	5,934.87	369.41	-1,621.15	-393.70	9.00	8.38	-4.08
6,350.00	60.21	189.34	5,961.29	327.65	-1,628.70	-352.06	9.00	8.44	-3.69
6,400.00	64.45	187.65	5,984.50	283.87	-1,635.23	-308.38	9.00	8.48	-3.39
6,450.00	68.71	186.07	6,004.37	238.33	-1,640.70	-262.92	9.00	8.52	-3.16
6,500.00	72.99	184.58	6,020.77	191.31	-1,645.07	-215.98	9.00	8.55	-2.98
6,550.00	77.27	183.15	6,033.60	143.11	-1,648.32	-167.83	9.00	8.57	-2.85
6,600.00	81.56	181.77	6,042.78	94.01	-1,650.43	-118.77	9.00	8.58	-2.75
6,650.00	85.86	180.43	6,048.26	44.34	-1,651.38	-69.12	9.00	8.59	-2.69
6,698.17	90.00	179.14	6,050.00	-3.79	-1,651.20	-20.99	9.00	8.60	-2.66
TPZ @ 6698.17ft									
6,700.00	90.00	179.14	6,050.00	-5.62	-1,651.17	-19.16	0.00	0.00	0.00
6,800.00	90.00	179.14	6,050.00	-105.61	-1,649.68	80.84	0.00	0.00	0.00
6,900.00	90.00	179.14	6,050.00	-205.60	-1,648.19	180.84	0.00	0.00	0.00
7,000.00	90.00	179.14	6,050.00	-305.59	-1,646.69	280.84	0.00	0.00	0.00
7,100.00	90.00	179.14	6,050.00	-405.58	-1,645.20	380.84	0.00	0.00	0.00
7,200.00	90.00	179.14	6,050.00	-505.56	-1,643.71	480.84	0.00	0.00	0.00
7,300.00	90.00	179.14	6,050.00	-605.55	-1,642.21	580.84	0.00	0.00	0.00
7,400.00	90.00	179.14	6,050.00	-705.54	-1,640.72	680.84	0.00	0.00	0.00
7,500.00	90.00	179.14	6,050.00	-805.53	-1,639.23	780.84	0.00	0.00	0.00
7,600.00	90.00	179.14	6,050.00	-905.52	-1,637.74	880.84	0.00	0.00	0.00
7,700.00	90.00	179.14	6,050.00	-1,005.51	-1,636.24	980.84	0.00	0.00	0.00
7,800.00	90.00	179.14	6,050.00	-1,105.50	-1,634.75	1,080.84	0.00	0.00	0.00
7,900.00	90.00	179.14	6,050.00	-1,205.49	-1,633.26	1,180.84	0.00	0.00	0.00
8,000.00	90.00	179.14	6,050.00	-1,305.47	-1,631.76	1,280.84	0.00	0.00	0.00
8,100.00	90.00	179.14	6,050.00	-1,405.46	-1,630.27	1,380.84	0.00	0.00	0.00
8,200.00	90.00	179.14	6,050.00	-1,505.45	-1,628.78	1,480.84	0.00	0.00	0.00
8,300.00	90.00	179.14	6,050.00	-1,605.44	-1,627.28	1,580.84	0.00	0.00	0.00
8,400.00	90.00	179.14	6,050.00	-1,705.43	-1,625.79	1,680.84	0.00	0.00	0.00
8,500.00	90.00	179.14	6,050.00	-1,805.42	-1,624.30	1,780.84	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.16 Single User Db	Local Co-ordinate Reference:	Well TIMBRO 0101-05H
Company:	VERDAD RESOURCES	TVD Reference:	RKB = 24' @ 4962.00usft (RIG)
Project:	WATTENBERG FIELD	MD Reference:	RKB = 24' @ 4962.00usft (RIG)
Site:	9N-59W-01 TIMBRO 0101 PAD	North Reference:	True
Well:	TIMBRO 0101-05H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Plan B		
Design:	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,600.00	90.00	179.14	6,050.00	-1,905.41	-1,622.80	1,880.84	0.00	0.00	0.00	
8,700.00	90.00	179.14	6,050.00	-2,005.40	-1,621.31	1,980.84	0.00	0.00	0.00	
8,800.00	90.00	179.14	6,050.00	-2,105.39	-1,619.82	2,080.84	0.00	0.00	0.00	
8,900.00	90.00	179.14	6,050.00	-2,205.37	-1,618.33	2,180.84	0.00	0.00	0.00	
9,000.00	90.00	179.14	6,050.00	-2,305.36	-1,616.83	2,280.84	0.00	0.00	0.00	
9,100.00	90.00	179.14	6,050.00	-2,405.35	-1,615.34	2,380.84	0.00	0.00	0.00	
9,200.00	90.00	179.14	6,050.00	-2,505.34	-1,613.85	2,480.84	0.00	0.00	0.00	
9,300.00	90.00	179.14	6,050.00	-2,605.33	-1,612.35	2,580.84	0.00	0.00	0.00	
9,400.00	90.00	179.14	6,050.00	-2,705.32	-1,610.86	2,680.84	0.00	0.00	0.00	
9,500.00	90.00	179.14	6,050.00	-2,805.31	-1,609.37	2,780.84	0.00	0.00	0.00	
9,600.00	90.00	179.14	6,050.00	-2,905.30	-1,607.87	2,880.84	0.00	0.00	0.00	
9,700.00	90.00	179.14	6,050.00	-3,005.29	-1,606.38	2,980.84	0.00	0.00	0.00	
9,800.00	90.00	179.14	6,050.00	-3,105.27	-1,604.89	3,080.84	0.00	0.00	0.00	
9,900.00	90.00	179.14	6,050.00	-3,205.26	-1,603.39	3,180.84	0.00	0.00	0.00	
10,000.00	90.00	179.14	6,050.00	-3,305.25	-1,601.90	3,280.84	0.00	0.00	0.00	
10,100.00	90.00	179.14	6,050.00	-3,405.24	-1,600.41	3,380.84	0.00	0.00	0.00	
10,200.00	90.00	179.14	6,050.00	-3,505.23	-1,598.92	3,480.84	0.00	0.00	0.00	
10,300.00	90.00	179.14	6,050.00	-3,605.22	-1,597.42	3,580.84	0.00	0.00	0.00	
10,400.00	90.00	179.14	6,050.00	-3,705.21	-1,595.93	3,680.84	0.00	0.00	0.00	
10,500.00	90.00	179.14	6,050.00	-3,805.20	-1,594.44	3,780.84	0.00	0.00	0.00	
10,600.00	90.00	179.14	6,050.00	-3,905.19	-1,592.94	3,880.84	0.00	0.00	0.00	
10,700.00	90.00	179.14	6,050.00	-4,005.17	-1,591.45	3,980.84	0.00	0.00	0.00	
10,800.00	90.00	179.14	6,050.00	-4,105.16	-1,589.96	4,080.84	0.00	0.00	0.00	
10,900.00	90.00	179.14	6,050.00	-4,205.15	-1,588.46	4,180.84	0.00	0.00	0.00	
11,000.00	90.00	179.14	6,050.00	-4,305.14	-1,586.97	4,280.84	0.00	0.00	0.00	
11,100.00	90.00	179.14	6,050.00	-4,405.13	-1,585.48	4,380.84	0.00	0.00	0.00	
11,200.00	90.00	179.14	6,050.00	-4,505.12	-1,583.98	4,480.84	0.00	0.00	0.00	
11,300.00	90.00	179.14	6,050.00	-4,605.11	-1,582.49	4,580.84	0.00	0.00	0.00	
11,400.00	90.00	179.14	6,050.00	-4,705.10	-1,581.00	4,680.84	0.00	0.00	0.00	
11,408.34	90.00	179.14	6,050.00	-4,713.44	-1,580.87	4,689.18	0.00	0.00	0.00	
BPZ @ 11408.34ft										
11,498.33	90.00	179.14	6,050.00	-4,803.42	-1,579.53	4,779.17	0.00	0.00	0.00	
TD Well @ 11498.33ft										

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name		Casing Diameter (")	Hole Diameter (")
1,641.31	1,600.00	9 5/8"		9-5/8	13-1/2

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
239.50	239.50	0.00	0.00	Begin Nudge @ 239.50ft	
1,177.50	1,160.83	60.76	-139.54	Hold Tangent @ 1177.50ft	
5,613.39	5,361.06	630.30	-1,447.52	KOP @ 5613.39ft :: DLS = 9°/100'	
6,698.17	6,050.00	-3.79	-1,651.20	TPZ @ 6698.17ft	
11,408.34	6,050.00	-4,713.44	-1,580.87	BPZ @ 11408.34ft	
11,498.33	6,050.00	-4,803.42	-1,579.53	TD Well @ 11498.33ft	