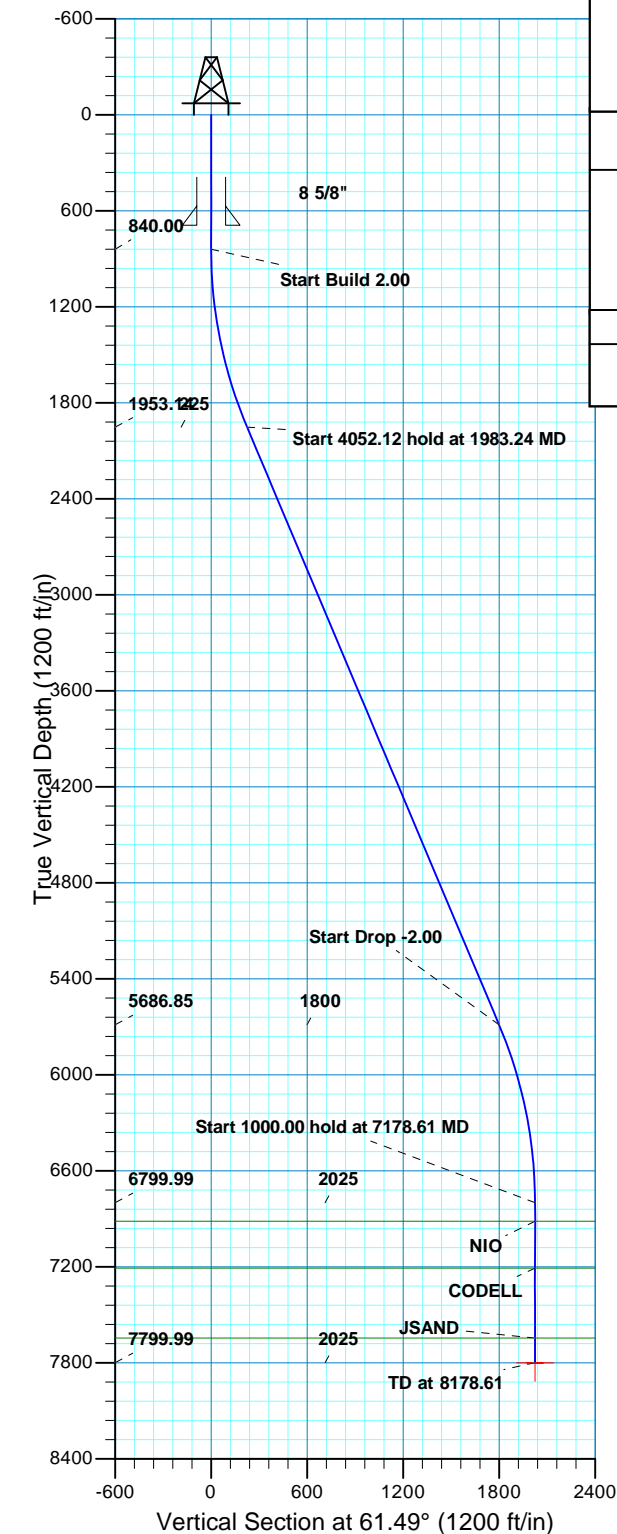


WELL DETAILS: P_PLATTE 26-2					
GL 4757 & RKB 15' @ 4772.00ft (ASSUMED)					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	1337725.56	3179937.32	40° 15' 31.176 N	104° 51' 18.965 W

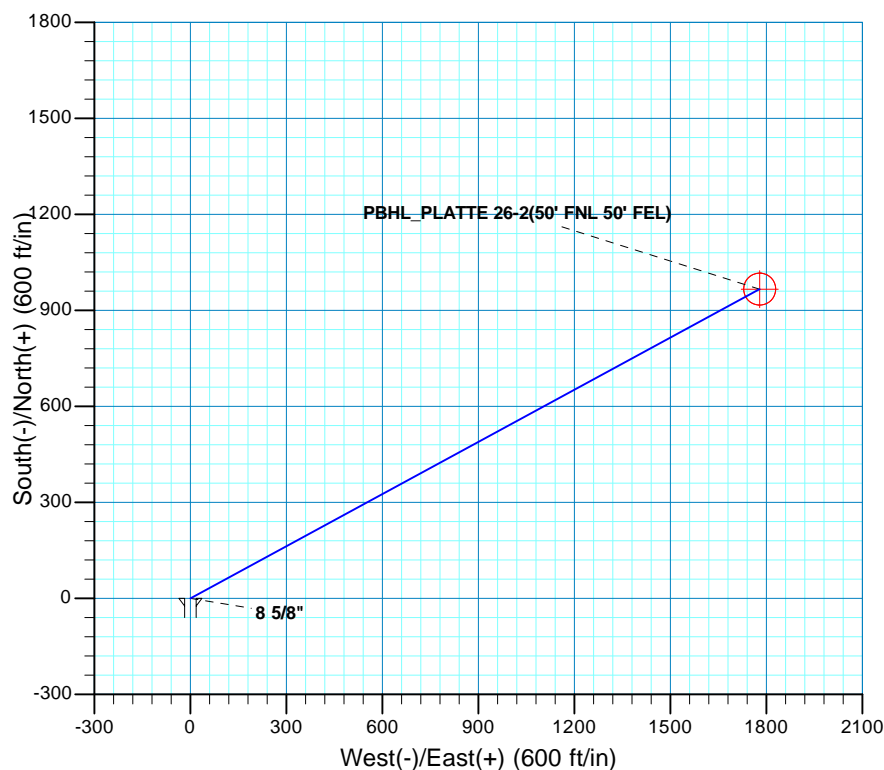
DESIGN TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL	7800.00	966.54	1779.12	1338705.00	3181709.36	40° 15' 40.727 N	104° 50' 56.015 W	Circle (Radius: 50.00)
- plan hits target center								



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			
840.00	0.00	0.00	840.00	0.00	0.00	0.00	0.00	0.00			
1983.26	22.87	61.49	1953.15	107.46	197.80	2.00	61.49	225.11			
6035.36	22.87	61.49	5686.85	859.08	1581.32	0.00	0.00	1799.61			
7178.62	0.00	0.00	6800.00	966.54	1779.12	2.00	180.00	2024.72			
8178.62	0.00	0.00	7800.00	966.54	1779.12	0.00	0.00	2024.72	PBHL_PLATTE 26-2(50' FNL 50' FEL)		

PROJECT DETAILS: COLORADO NORTHERN ZONE - 83						FORMATION TOP DETAILS		
Geodetic System: US State Plane 1983 Datum: North American Datum 1983 Ellipsoid: GRS 1980 Zone: Colorado Northern Zone Location: SECTION 2 T3N R67W System Datum: Mean Sea Level						TVDPath	MDPath	Formation
						6916.00	7294.62	NIO
						7209.00	7587.62	CODELL
						7646.00	8024.62	JSAND

CASING DETAILS			
TVD	MD	Name	Size
690.00	690.00	8 5/8"	8.625



US ROCKIES REGION PLANNING

COLORADO NORTHERN ZONE - 83

WELD_PLATTE 26-2 PAD

P_PLATTE 26-2

P_PLATTE 26-2

Plan: PLAN #1 8-4-10 RHS

Standard Planning Report

05 August, 2010

Database:	EDM5000-RobertS-Local	Local Co-ordinate Reference:	Well P_PLATTE 26-2
Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL 4757 & RKB 15' @ 4772.00ft (ASSUMED)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL 4757 & RKB 15' @ 4772.00ft (ASSUMED)
Site:	WELD_PLATTE 26-2 PAD	North Reference:	True
Well:	P_PLATTE 26-2	Survey Calculation Method:	Minimum Curvature
Wellbore:	P_PLATTE 26-2		
Design:	PLAN #1 8-4-10 RHS		

Project	COLORADO NORTHERN ZONE - 83, KERR MCGEE OIL & GAS ONSHORE LP		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site	WELD_PLATTE 26-2 PAD, SECTION 2 T3N R67W			
Site Position:		Northing:	1,337,725.56 usft	Latitude: 40° 15' 31.176 N
From:	Lat/Long	Easting:	3,179,937.32 usft	Longitude: 104° 51' 18.965 W
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in	Grid Convergence: 0.42 °

Well	P_PLATTE 26-2, 1053' FNL 1814' FEL			
Well Position	+N/-S	0.00 ft	Northing:	1,337,725.56 usft
	+E/-W	0.00 ft	Easting:	3,179,937.32 usft
Position Uncertainty		0.00 ft	Wellhead Elevation:	Ground Level: 4,757.00 ft

Wellbore	P_PLATTE 26-2				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	08/04/2010	9.02	66.95	53,139

Design	PLAN #1 8-4-10 RHS			
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	61.49

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	
840.00	0.00	0.00	840.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,983.26	22.87	61.49	1,953.15	107.46	197.80	2.00	2.00	0.00	61.49	
6,035.36	22.87	61.49	5,686.85	859.08	1,581.32	0.00	0.00	0.00	0.00	
7,178.62	0.00	0.00	6,800.00	966.54	1,779.12	2.00	-2.00	0.00	180.00	
8,178.62	0.00	0.00	7,800.00	966.54	1,779.12	0.00	0.00	0.00	0.00	PBHL_PLATTE 26-2(

Database:	EDM5000-RobertS-Local	Local Co-ordinate Reference:	Well P_PLATTE 26-2
Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL 4757 & RKB 15' @ 4772.00ft (ASSUMED)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL 4757 & RKB 15' @ 4772.00ft (ASSUMED)
Site:	WELD_PLATTE 26-2 PAD	North Reference:	True
Well:	P_PLATTE 26-2	Survey Calculation Method:	Minimum Curvature
Wellbore:	P_PLATTE 26-2		
Design:	PLAN #1 8-4-10 RHS		

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
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
690.00	0.00	0.00	690.00	0.00	0.00	0.00	0.00	0.00	0.00
8 5/8"									
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
840.00	0.00	0.00	840.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00									
900.00	1.20	61.49	900.00	0.30	0.55	0.63	2.00	2.00	0.00
1,000.00	3.20	61.49	999.92	2.13	3.93	4.47	2.00	2.00	0.00
1,100.00	5.20	61.49	1,099.64	5.63	10.36	11.79	2.00	2.00	0.00
1,200.00	7.20	61.49	1,199.05	10.78	19.85	22.59	2.00	2.00	0.00
1,300.00	9.20	61.49	1,298.03	17.59	32.38	36.85	2.00	2.00	0.00
1,400.00	11.20	61.49	1,396.44	26.05	47.94	54.56	2.00	2.00	0.00
1,500.00	13.20	61.49	1,494.18	36.13	66.51	75.69	2.00	2.00	0.00
1,600.00	15.20	61.49	1,591.12	47.84	88.06	100.22	2.00	2.00	0.00
1,700.00	17.20	61.49	1,687.14	61.16	112.58	128.12	2.00	2.00	0.00
1,800.00	19.20	61.49	1,782.13	76.07	140.02	159.35	2.00	2.00	0.00
1,900.00	21.20	61.49	1,875.98	92.55	170.36	193.88	2.00	2.00	0.00
1,983.24	22.86	61.49	1,953.14	107.46	197.80	225.10	2.00	2.00	0.00
Start 4052.12 hold at 1983.24 MD									
1,983.26	22.87	61.49	1,953.15	107.46	197.80	225.11	2.00	2.00	0.00
2,000.00	22.87	61.49	1,968.58	110.57	203.52	231.62	0.00	0.00	0.00
2,100.00	22.87	61.49	2,060.72	129.11	237.66	270.47	0.00	0.00	0.00
2,200.00	22.87	61.49	2,152.86	147.66	271.81	309.33	0.00	0.00	0.00
2,300.00	22.87	61.49	2,245.01	166.21	305.95	348.18	0.00	0.00	0.00
2,400.00	22.87	61.49	2,337.15	184.76	340.09	387.04	0.00	0.00	0.00
2,500.00	22.87	61.49	2,429.29	203.31	374.24	425.90	0.00	0.00	0.00
2,600.00	22.87	61.49	2,521.43	221.86	408.38	464.75	0.00	0.00	0.00
2,700.00	22.87	61.49	2,613.58	240.41	442.52	503.61	0.00	0.00	0.00
2,800.00	22.87	61.49	2,705.72	258.96	476.67	542.47	0.00	0.00	0.00
2,900.00	22.87	61.49	2,797.86	277.51	510.81	581.32	0.00	0.00	0.00
3,000.00	22.87	61.49	2,890.00	296.05	544.95	620.18	0.00	0.00	0.00
3,100.00	22.87	61.49	2,982.14	314.60	579.10	659.03	0.00	0.00	0.00
3,200.00	22.87	61.49	3,074.29	333.15	613.24	697.89	0.00	0.00	0.00
3,300.00	22.87	61.49	3,166.43	351.70	647.38	736.75	0.00	0.00	0.00
3,400.00	22.87	61.49	3,258.57	370.25	681.52	775.60	0.00	0.00	0.00
3,500.00	22.87	61.49	3,350.71	388.80	715.67	814.46	0.00	0.00	0.00
3,600.00	22.87	61.49	3,442.85	407.35	749.81	853.32	0.00	0.00	0.00
3,700.00	22.87	61.49	3,535.00	425.90	783.95	892.17	0.00	0.00	0.00
3,800.00	22.87	61.49	3,627.14	444.45	818.10	931.03	0.00	0.00	0.00
3,900.00	22.87	61.49	3,719.28	462.99	852.24	969.89	0.00	0.00	0.00
4,000.00	22.87	61.49	3,811.42	481.54	886.38	1,008.74	0.00	0.00	0.00
4,100.00	22.87	61.49	3,903.57	500.09	920.53	1,047.60	0.00	0.00	0.00
4,200.00	22.87	61.49	3,995.71	518.64	954.67	1,086.45	0.00	0.00	0.00
4,300.00	22.87	61.49	4,087.85	537.19	988.81	1,125.31	0.00	0.00	0.00
4,400.00	22.87	61.49	4,179.99	555.74	1,022.96	1,164.17	0.00	0.00	0.00
4,500.00	22.87	61.49	4,272.13	574.29	1,057.10	1,203.02	0.00	0.00	0.00

Database:	EDM5000-RobertS-Local	Local Co-ordinate Reference:	Well P_PLATTE 26-2
Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL 4757 & RKB 15' @ 4772.00ft (ASSUMED)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL 4757 & RKB 15' @ 4772.00ft (ASSUMED)
Site:	WELD_PLATTE 26-2 PAD	North Reference:	True
Well:	P_PLATTE 26-2	Survey Calculation Method:	Minimum Curvature
Wellbore:	P_PLATTE 26-2		
Design:	PLAN #1 8-4-10 RHS		

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)	
4,600.00	22.87	61.49	4,364.28	592.84	1,091.24	1,241.88	0.00	0.00	0.00	
4,700.00	22.87	61.49	4,456.42	611.38	1,125.39	1,280.74	0.00	0.00	0.00	
4,800.00	22.87	61.49	4,548.56	629.93	1,159.53	1,319.59	0.00	0.00	0.00	
4,900.00	22.87	61.49	4,640.70	648.48	1,193.67	1,358.45	0.00	0.00	0.00	
5,000.00	22.87	61.49	4,732.85	667.03	1,227.82	1,397.31	0.00	0.00	0.00	
5,100.00	22.87	61.49	4,824.99	685.58	1,261.96	1,436.16	0.00	0.00	0.00	
5,200.00	22.87	61.49	4,917.13	704.13	1,296.10	1,475.02	0.00	0.00	0.00	
5,300.00	22.87	61.49	5,009.27	722.68	1,330.24	1,513.87	0.00	0.00	0.00	
5,400.00	22.87	61.49	5,101.41	741.23	1,364.39	1,552.73	0.00	0.00	0.00	
5,500.00	22.87	61.49	5,193.56	759.78	1,398.53	1,591.59	0.00	0.00	0.00	
5,600.00	22.87	61.49	5,285.70	778.32	1,432.67	1,630.44	0.00	0.00	0.00	
5,700.00	22.87	61.49	5,377.84	796.87	1,466.82	1,669.30	0.00	0.00	0.00	
5,800.00	22.87	61.49	5,469.98	815.42	1,500.96	1,708.16	0.00	0.00	0.00	
5,900.00	22.87	61.49	5,562.13	833.97	1,535.10	1,747.01	0.00	0.00	0.00	
6,000.00	22.87	61.49	5,654.27	852.52	1,569.25	1,785.87	0.00	0.00	0.00	
6,035.36	22.87	61.49	5,686.85	859.08	1,581.32	1,799.61	0.00	0.00	0.00	
6,035.37	22.87	61.49	5,686.85	859.08	1,581.32	1,799.61	0.00	0.00	0.00	
Start Drop -2.00										
6,100.00	21.57	61.49	5,746.69	870.75	1,602.80	1,824.05	2.00	-2.00	0.00	
6,200.00	19.57	61.49	5,840.31	887.52	1,633.67	1,859.19	2.00	-2.00	0.00	
6,300.00	17.57	61.49	5,935.09	902.72	1,661.66	1,891.04	2.00	-2.00	0.00	
6,400.00	15.57	61.49	6,030.94	916.34	1,686.72	1,919.56	2.00	-2.00	0.00	
6,500.00	13.57	61.49	6,127.71	928.35	1,708.83	1,944.72	2.00	-2.00	0.00	
6,600.00	11.57	61.49	6,225.31	938.74	1,727.95	1,966.48	2.00	-2.00	0.00	
6,700.00	9.57	61.49	6,323.61	947.50	1,744.07	1,984.83	2.00	-2.00	0.00	
6,800.00	7.57	61.49	6,422.49	954.61	1,757.17	1,999.73	2.00	-2.00	0.00	
6,900.00	5.57	61.49	6,521.82	960.08	1,767.23	2,011.18	2.00	-2.00	0.00	
7,000.00	3.57	61.49	6,621.50	963.88	1,774.23	2,019.15	2.00	-2.00	0.00	
7,100.00	1.57	61.49	6,721.39	966.02	1,778.18	2,023.64	2.00	-2.00	0.00	
7,178.61	0.00	61.49	6,799.99	966.54	1,779.12	2,024.72	2.00	-2.00	0.00	
Start 1000.00 hold at 7178.61 MD										
7,178.62	0.00	0.00	6,800.00	966.54	1,779.12	2,024.72	2.00	-2.00	0.00	
7,200.00	0.00	0.00	6,821.38	966.54	1,779.12	2,024.72	0.00	0.00	0.00	
7,294.62	0.00	0.00	6,916.00	966.54	1,779.12	2,024.72	0.00	0.00	0.00	
NIO										
7,300.00	0.00	0.00	6,921.38	966.54	1,779.12	2,024.72	0.00	0.00	0.00	
7,400.00	0.00	0.00	7,021.38	966.54	1,779.12	2,024.72	0.00	0.00	0.00	
7,500.00	0.00	0.00	7,121.38	966.54	1,779.12	2,024.72	0.00	0.00	0.00	
7,587.62	0.00	0.00	7,209.00	966.54	1,779.12	2,024.72	0.00	0.00	0.00	
CODELL										
7,600.00	0.00	0.00	7,221.38	966.54	1,779.12	2,024.72	0.00	0.00	0.00	
7,700.00	0.00	0.00	7,321.38	966.54	1,779.12	2,024.72	0.00	0.00	0.00	
7,800.00	0.00	0.00	7,421.38	966.54	1,779.12	2,024.72	0.00	0.00	0.00	
7,900.00	0.00	0.00	7,521.38	966.54	1,779.12	2,024.72	0.00	0.00	0.00	
8,000.00	0.00	0.00	7,621.38	966.54	1,779.12	2,024.72	0.00	0.00	0.00	
8,024.62	0.00	0.00	7,646.00	966.54	1,779.12	2,024.72	0.00	0.00	0.00	
JSAND										
8,100.00	0.00	0.00	7,721.38	966.54	1,779.12	2,024.72	0.00	0.00	0.00	
8,178.61	0.00	0.00	7,799.99	966.54	1,779.12	2,024.72	0.00	0.00	0.00	
TD at 8178.61										
8,178.62	0.00	0.00	7,800.00	966.54	1,779.12	2,024.72	0.00	0.00	0.00	
PBHL_PLATTE 26-2(50' FNL 50' FEL)										

Database:	EDM5000-RobertS-Local	Local Co-ordinate Reference:	Well P_PLATTE 26-2
Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL 4757 & RKB 15' @ 4772.00ft (ASSUMED)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL 4757 & RKB 15' @ 4772.00ft (ASSUMED)
Site:	WELD_PLATTE 26-2 PAD	North Reference:	True
Well:	P_PLATTE 26-2	Survey Calculation Method:	Minimum Curvature
Wellbore:	P_PLATTE 26-2		
Design:	PLAN #1 8-4-10 RHS		

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_PLATTE 26-2(50'	0.00	0.00	7,800.00	966.54	1,779.12	1,338,705.00	3,181,709.36	40° 15' 40.727 N	104° 50' 56.015 W
- plan hits target center									
- Circle (radius 50.00)									

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)	
690.00	690.00	8 5/8"	8.625	11.000	

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
7,294.62	6,916.00	NIO		0.00	
7,587.62	7,209.00	CODELL		0.00	
8,024.62	7,646.00	JSAND		0.00	

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment
840.00	840.00	0.00	0.00	Start Build 2.00
1,983.24	1,953.14	107.45	197.80	Start 4052.12 hold at 1983.24 MD
6,035.37	5,686.86	859.02	1,581.33	Start Drop -2.00
7,178.61	6,800.00	966.47	1,779.13	Start 1000.00 hold at 7178.61 MD
8,178.61	7,800.00	966.47	1,779.13	TD at 8178.61