

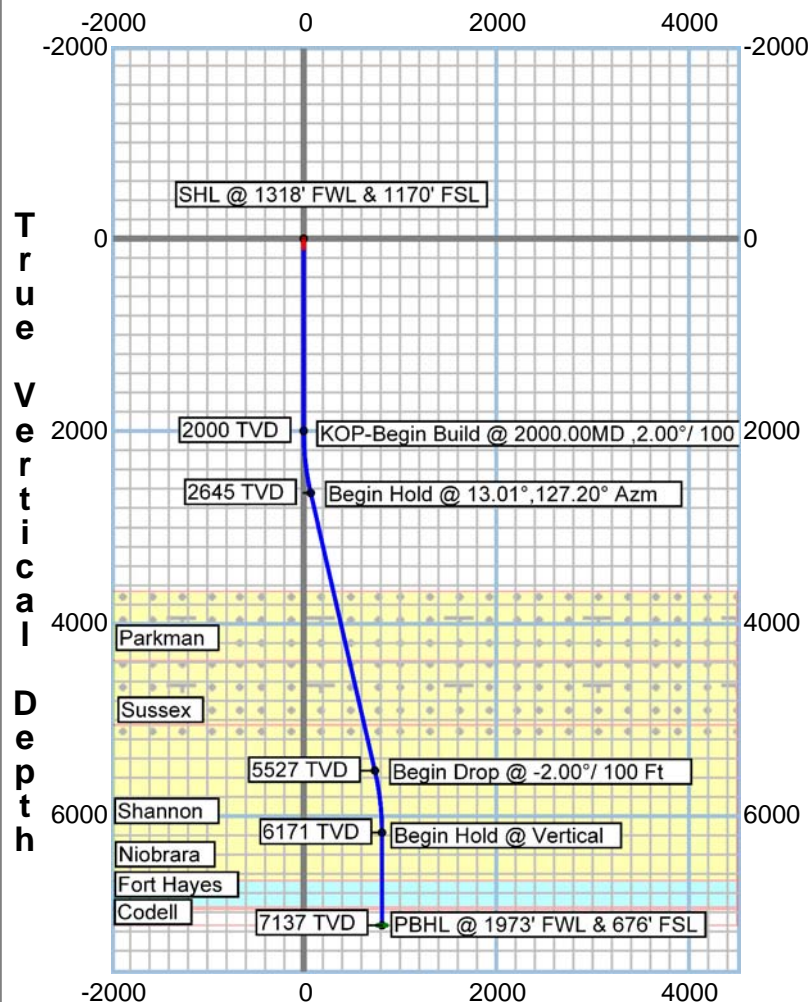


Job ID : Allbrighton Well Pad
Company : Saint James Energy Operating Inc.
Lease/Well : Albrighton 3-10
Location : SWSW SEC 10 T6N R64W
API JOB # : PENDING
Rig Name : Cade 25
State/Province : CO
County/Parish : Weld
Country : USA

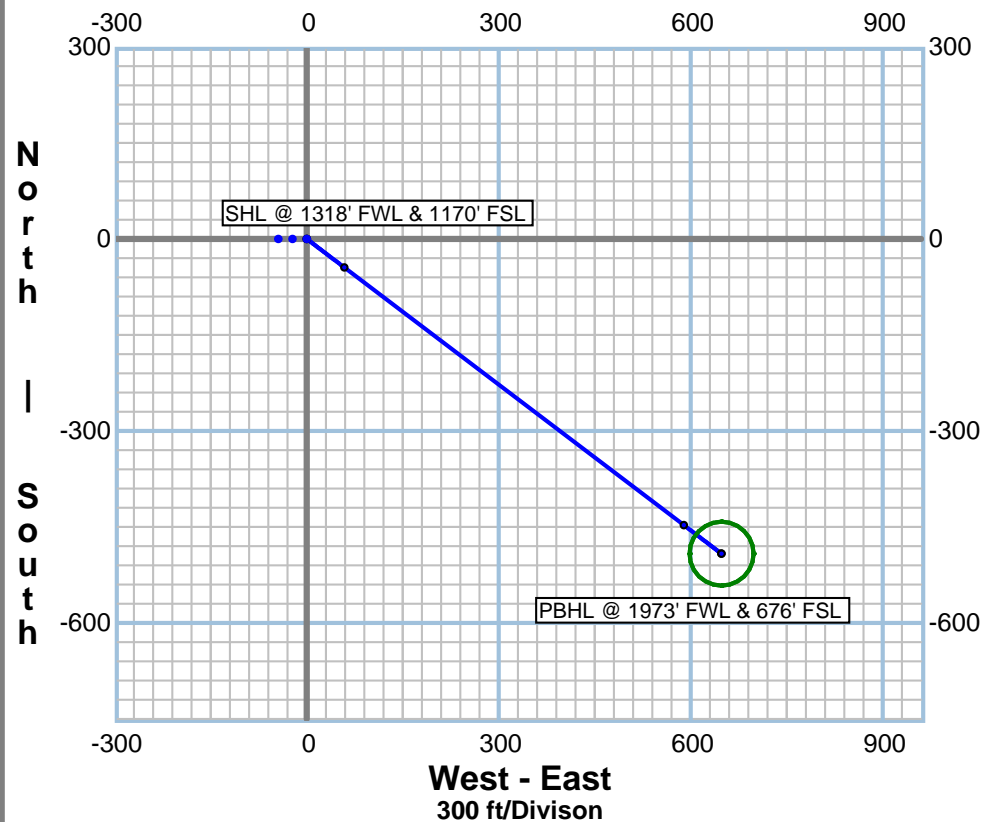
Latitude : 40°29'47.7960" N
Longitude : -104°32'27.5640" W
Northing : 1425197.73
Easting : 3266705.67
System Zone : US State Plane 1983
Projection Type : LAMBERT
ELEVATION : 4807'
RKB : 14 ft
Comment : Plan 1



Vertical Section Plot



Horizontal Plot



CRITICAL POINTS - ALBRIGHTON 3-10 PROPOSAL

MD	Inc	Azm	TVD	EW	NS	VS	CI	Cldir	WR	BR	DLS
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
2650.71	13.01	127.20	2645.13	58.61	-44.49	73.58	73.58	127.20	0.00	1.96	1.96
5608.95	13.01	127.20	5527.43	589.07	-447.13	739.54	739.54	127.20	0.00	0.00	0.00
6258.20	0.03	122.28	6171.11	647.65	-491.58	813.08	813.08	127.20	-46.88	-2.00	2.00
7224.10	0.03	122.28	7137.00	648.01	-491.80	813.50	813.50	127.20	0.00	0.00	0.00

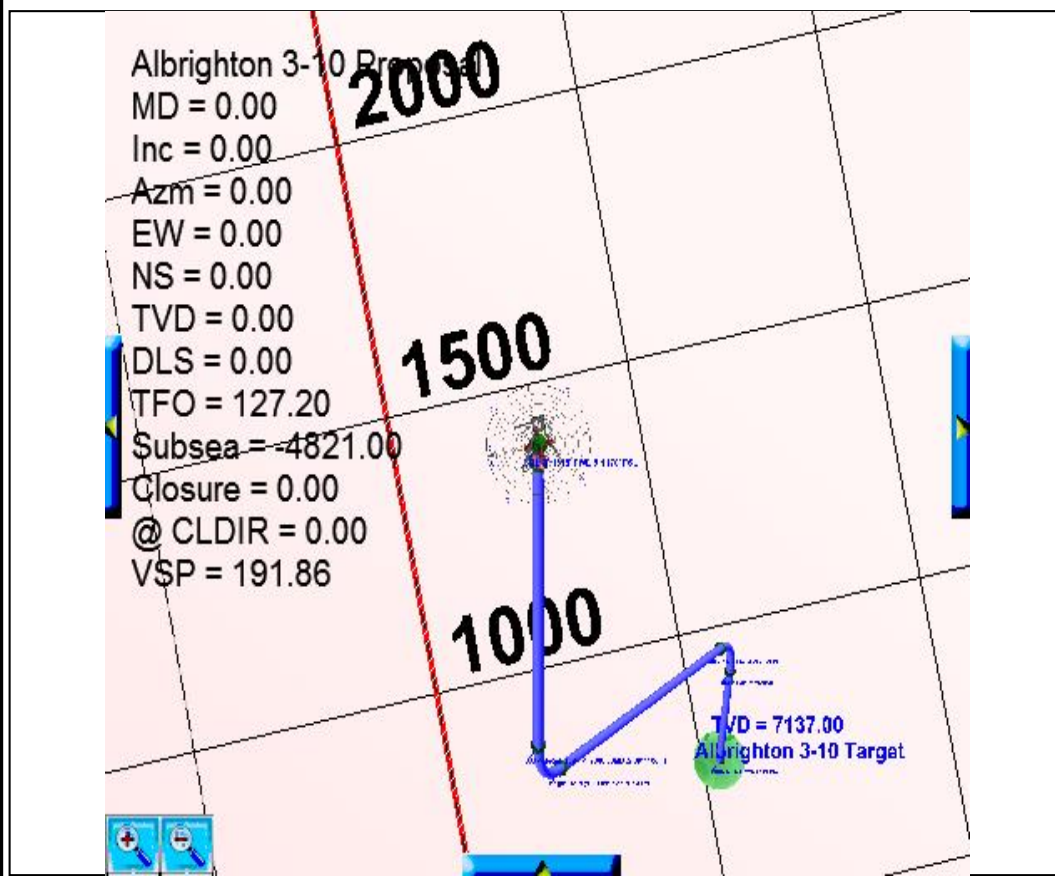


Job ID : Albrighton Well Pad
Company : Saint James Energy Operating Inc.
Lease/Well : Albrighton 3-10
Location : SWSW SEC 10 T6N R64W
API JOB # : PENDING
Rig Name : Cade 25
State/Province : CO
County/Parish : Weld
Country : USA

Latitude : 40°29'47.7960" N
Longitude : -104°32'27.5640" W
Northing : 1425197.73
Easting : 3266705.67
System Zone : US State Plane 1983
Projection Type : LAMBERT
ELEVATION : 4807'
RKB : 14 ft
Comment : Plan 1



TARGETS						LITHOLOGY					
SHAPE	NAME	Easting	Northing	Subsea TVD	EW	Name	Subsea Top	Subsea Bottom	Description	Dip_Angle	Dip_Direction
CIRCLE	Albrighton 1-10 Target	3266156.58	1424791.04	2315.00	-553.46	Parkman	-1159.00	-439.00	Parkman	0.00	0.00
CIRCLE	Albrighton 3-10 Target	3267358.96	1424712.96	2316.00	648.01	Sussex	-439.00	231.00	Sussex	0.00	0.00
CIRCLE	Albrighton 2-10 Target	3266683.42	1425197.49	2316.00	-22.25	Shannon	231.00	1850.00	Shannon	0.00	0.00
						Niobrara	1850.00	2126.00	Niobrara	0.00	0.00
						Fort Hayes	2126.00	2146.00	Fort Hayes	0.00	0.00
						Codell	2146.00	2315.00	Codell	0.00	0.00



MAGNETICS INFORMATION :

Magnetic Model: C:\HawkEye\IGRF2005.MIF

Date for Magnetics: 03/23/2013

Latitude: 40°29'47.7960" N

Longitude: -104°32'27.5640" W

Magnetic Declination: 8.45

Total Correction(Mag to Grid): 7.83

Field Strength (nt): 53094

B-X Component (nt): 20425

B-Y Component (nt): 3035

B-Z Component (nt): 48913

B-Horz Component (nt): 20649

Dip Angle: 67.11

METHODS OF CORRECTIONS:

* To correct from Magnetic North to True North use:

8.45°E --> TN = MN + 8.45

* To correct from True North to Grid North use:

0.62°E --> GN = TN - 0.62 : True to Grid

* To Correct from Magnetic North to Grid North use:

7.83°E --> GN = MN + 7.83 : Magnetic to Grid

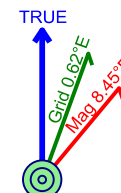


Job Number: Albrighton Well Pad
Company: Saint James Energy Operating Inc.
Lease/Well: Albrighton 3-10
Location: SWSW SEC 10 T6N R64W
Rig Name: Cade 25
State/County: CO/ Weld
Country: USA
API Number: PENDING

Elevation (To MSL): 4807.00 ft
RKB: 14.00 ft
Projection System: US State Plane 1983
Projection Group: Colorado Northern Zone
Projection Datum: GRS80
Magnetic Declination: 8.45
Grid Convergence: 0.61962 E
Date: Sunday, March 24, 2013

Calculated by HawkEye Software
Minimum Curvature Method
Vertical Section Plane 127.20°

Northing (US ft): 1425197.73 Easting (US ft): 3266705.67
Latitude: 40°29'47.7960" N Longitude: -104°32'27.5640" W
Well Location: 1159.32 FSL, 1335.44 FWL, Section 10, T6N, R64W, Meridian 06, Weld County, CO
Direction Reference: True North



Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	NS (Ft)	EW (Ft)	VS (Ft)	DLS °/100Ft	Build Rate °/100Ft	Walk Rate °/100Ft	Latitude Dec. Deg	Longitude Dec. Deg
SHL @ 1318' FWL & 1170' FSL											
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.4966100	-104.5409900
KOP-Begin Build @ 2000.00MD ,2.00°/ 100 Ft											
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	40.4966100	-104.5409900
Begin Hold @ 13.01°,127.20° Azm											
2650.71	13.01	127.20	2645.13	-44.49	58.61	73.58	1.96	1.96	0.00	40.4964879	-104.5407792
Parkman											
3694.37	13.01	127.20	3662.00	-186.54	245.76	308.53	0.00	0.00	0.00	40.4960980	-104.5401063
Sussex											
4433.34	13.01	127.20	4382.00	-287.12	378.26	474.89	0.00	0.00	0.00	40.4958219	-104.5396299
Shannon											
5120.99	13.01	127.20	5052.00	-380.71	501.57	629.69	0.00	0.00	0.00	40.4955650	-104.5391865
Begin Drop @ -2.00°/ 100 Ft											
5608.95	13.01	127.20	5527.43	-447.13	589.07	739.54	0.00	0.00	0.00	40.4953826	-104.5388719
Begin Hold @ Vertical											
6258.20	0.03	122.28	6171.11	-491.58	647.65	813.08	2.00	-2.00	-46.88	40.4952606	-104.5386613
Niobrara											
6758.09	0.03	122.28	6671.00	-491.69	647.84	813.30	0.00	0.00	0.00	40.4952603	-104.5386606
Fort Hayes											
7034.09	0.03	122.28	6947.00	-491.76	647.94	813.42	0.00	0.00	0.00	40.4952601	-104.5386603
Codell											
7054.09	0.03	122.28	6967.00	-491.76	647.95	813.43	0.00	0.00	0.00	40.4952601	-104.5386602
Albrighton 3-10 Target											
7224.09	0.03	122.28	7137.00	-491.80	648.01	813.50	0.00	0.00	0.00	40.4952600	-104.5386600
PBHL @ 1973' FWL & 676' FSL											
7224.10	0.03	122.28	7137.00	-491.80	648.01	813.50	7.71	0.00	0.00	40.4952600	-104.5386600

TARGET DATA										
Name	Shape	Easting (Ft)	Northing (Ft)	Subsea (Ft)	TVD (Ft)	NS (Ft)	EW (Ft)	Side A (Ft)	Side B (Ft)	Dia. (Ft)
Albrighton 3-10 Target	CIRCLE	3267359.0	1424713.0	2316.0	7137.0	-491.8	648.0	100.0	200.0	100.0

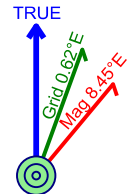


Job Number: Albrighton Well Pad
Company: Saint James Energy Operating Inc.
Lease/Well: Albrighton 3-10
Location: SWSW SEC 10 T6N R64W
Rig Name: Cade 25
State/County: CO/ Weld
Country: USA
API Number: PENDING




Elevation (To MSL): 4807.00 ft
RKB: 14.00 ft
Projection System: US State Plane 1983
Projection Group: Colorado Northern Zone
Projection Datum: GRS80
Magnetic Declination: 8.45
Grid Convergence: 0.61962 E
Date: Sunday, March 24, 2013





Calculated by HawkEye Software
Minimum Curvature Method
Vertical Section Plane 127.20°

Northing (US ft): 1425197.73 **Easting (US ft):** 3266705.67
Latitude: 40°29'47.7960" N **Longitude:** -104°32'27.5640" W
Well Location: 1159.32 FSL, 1335.44 FWL, Section 10, T6N, R64W, Meridian 06, Weld County, CO
Direction Reference: True North



Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	NS (Ft)	EW (Ft)	VS (Ft)	DLS °/100Ft	Build Rate °/100Ft	Walk Rate °/100Ft	Latitude Dec. Deg	Longitude Dec. Deg
SHL @ 1318' FWL & 1170' FSL											
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.4966100	-104.5409900
KOP-Begin Build @ 2000.00MD ,2.00°/ 100 Ft											
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	40.4966100	-104.5409900
2020.00	0.40	127.19	2020.00	-0.04	0.06	0.07	2.00	2.00	635.94	40.4966099	-104.5409898
2040.00	0.80	127.19	2040.00	-0.17	0.22	0.28	2.00	2.00	0.03	40.4966095	-104.5409892
2060.00	1.20	127.20	2060.00	-0.38	0.50	0.63	2.00	2.00	0.01	40.4966090	-104.5409882
2080.00	1.60	127.20	2079.99	-0.67	0.89	1.12	2.00	2.00	0.00	40.4966082	-104.5409868
2100.00	2.00	127.20	2099.98	-1.05	1.39	1.74	2.00	2.00	0.00	40.4966071	-104.5409850
2120.00	2.40	127.20	2119.96	-1.52	2.00	2.51	2.00	2.00	0.00	40.4966058	-104.5409828
2140.00	2.80	127.20	2139.94	-2.07	2.72	3.42	2.00	2.00	0.00	40.4966043	-104.5409802
2160.00	3.20	127.20	2159.92	-2.70	3.56	4.47	2.00	2.00	0.00	40.4966026	-104.5409772
2180.00	3.60	127.20	2179.88	-3.42	4.50	5.65	2.00	2.00	0.00	40.4966006	-104.5409738
2200.00	4.00	127.20	2199.84	-4.22	5.56	6.98	2.00	2.00	0.00	40.4965984	-104.5409700
2220.00	4.40	127.20	2219.78	-5.10	6.73	8.44	2.00	2.00	0.00	40.4965960	-104.5409658
2240.00	4.80	127.20	2239.72	-6.07	8.00	10.05	2.00	2.00	0.00	40.4965933	-104.5409612
2260.00	5.20	127.20	2259.64	-7.13	9.39	11.79	2.00	2.00	0.00	40.4965904	-104.5409562
2280.00	5.60	127.20	2279.55	-8.26	10.89	13.67	2.00	2.00	0.00	40.4965873	-104.5409508
2300.00	6.00	127.20	2299.45	-9.49	12.50	15.69	2.00	2.00	0.00	40.4965840	-104.5409450
2320.00	6.40	127.20	2319.33	-10.79	14.22	17.85	2.00	2.00	0.00	40.4965804	-104.5409389
2340.00	6.80	127.20	2339.20	-12.18	16.05	20.15	2.00	2.00	0.00	40.4965766	-104.5409323
2360.00	7.20	127.20	2359.05	-13.66	17.99	22.59	2.00	2.00	0.00	40.4965725	-104.5409253
2380.00	7.60	127.20	2378.89	-15.21	20.05	25.16	2.00	2.00	0.00	40.4965682	-104.5409179
2400.00	8.00	127.20	2398.70	-16.85	22.21	27.88	2.00	2.00	0.00	40.4965637	-104.5409101
2420.00	8.40	127.20	2418.50	-18.58	24.48	30.73	2.00	2.00	0.00	40.4965590	-104.5409020
2440.00	8.80	127.20	2438.27	-20.39	26.86	33.72	2.00	2.00	0.00	40.4965540	-104.5408934
2460.00	9.20	127.20	2458.03	-22.28	29.35	36.85	2.00	2.00	0.00	40.4965489	-104.5408844

Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	NS (Ft)	EW (Ft)	VS (Ft)	DLS °/100Ft	Build Rate °/100Ft	Walk Rate °/100Ft	Latitude Dec. Deg	Longitude Dec. Deg
2480.00	9.60	127.20	2477.76	-24.25	31.96	40.12	2.00	2.00	0.00	40.4965434	-104.5408751
2500.00	10.00	127.20	2497.47	-26.31	34.67	43.52	2.00	2.00	0.00	40.4965378	-104.5408653
2520.00	10.40	127.20	2517.15	-28.45	37.49	47.06	2.00	2.00	0.00	40.4965319	-104.5408552
2540.00	10.80	127.20	2536.81	-30.68	40.42	50.74	2.00	2.00	0.00	40.4965258	-104.5408447
2560.00	11.20	127.20	2556.44	-32.98	43.46	54.56	2.00	2.00	0.00	40.4965195	-104.5408337
2580.00	11.60	127.20	2576.05	-35.37	46.61	58.51	2.00	2.00	0.00	40.4965129	-104.5408224
2600.00	12.00	127.20	2595.62	-37.85	49.86	62.60	2.00	2.00	0.00	40.4965061	-104.5408107
2620.00	12.40	127.20	2615.17	-40.40	53.23	66.83	2.00	2.00	0.00	40.4964991	-104.5407986
2640.00	12.80	127.20	2634.69	-43.04	56.71	71.19	2.00	2.00	0.00	40.4964919	-104.5407861
Begin Hold @ 13.01°,127.20° Azm											
2650.71	13.01	127.20	2645.13	-44.49	58.61	73.58	1.96	1.96	0.00	40.4964879	-104.5407792
 Parkman											
3694.37	13.01	127.20	3662.00	-186.54	245.76	308.53	0.00	0.00	0.00	40.4960980	-104.5401063
 Sussex											
4433.34	13.01	127.20	4382.00	-287.12	378.26	474.89	0.00	0.00	0.00	40.4958219	-104.5396299
 Shannon											
5120.99	13.01	127.20	5052.00	-380.71	501.57	629.69	0.00	0.00	0.00	40.4955650	-104.5391865
Begin Drop @ -2.00°/ 100 Ft											
5608.95	13.01	127.20	5527.43	-447.13	589.07	739.54	0.00	0.00	0.00	40.4953826	-104.5388719
5628.95	12.61	127.20	5546.94	-449.81	592.60	743.98	2.00	-2.00	0.00	40.4953753	-104.5388592
5648.95	12.21	127.20	5566.47	-452.41	596.03	748.28	2.00	-2.00	0.00	40.4953682	-104.5388469
5668.95	11.81	127.20	5586.03	-454.92	599.34	752.44	2.00	-2.00	0.00	40.4953612	-104.5388350
5688.95	11.41	127.20	5605.62	-457.36	602.55	756.46	2.00	-2.00	0.00	40.4953546	-104.5388235
5708.95	11.01	127.20	5625.24	-459.71	605.64	760.35	2.00	-2.00	0.00	40.4953481	-104.5388123
5728.95	10.61	127.20	5644.88	-461.97	608.63	764.10	2.00	-2.00	0.00	40.4953419	-104.5388016
5748.95	10.21	127.20	5664.56	-464.16	611.51	767.72	2.00	-2.00	0.00	40.4953359	-104.5387912
5768.95	9.81	127.20	5684.25	-466.26	614.28	771.19	2.00	-2.00	0.00	40.4953301	-104.5387813
5788.95	9.41	127.20	5703.97	-468.28	616.94	774.53	2.00	-2.00	0.00	40.4953246	-104.5387717
5808.95	9.01	127.20	5723.71	-470.21	619.49	777.73	2.00	-2.00	0.00	40.4953193	-104.5387626
5828.95	8.61	127.20	5743.48	-472.07	621.93	780.80	2.00	-2.00	0.00	40.4953142	-104.5387538
5848.95	8.21	127.19	5763.26	-473.83	624.26	783.72	2.00	-2.00	0.00	40.4953093	-104.5387454
5868.95	7.81	127.19	5783.07	-475.52	626.48	786.51	2.00	-2.00	0.00	40.4953047	-104.5387374
5888.95	7.41	127.19	5802.89	-477.12	628.59	789.16	2.00	-2.00	0.00	40.4953003	-104.5387298
5908.95	7.01	127.19	5822.73	-478.64	630.59	791.67	2.00	-2.00	0.00	40.4952961	-104.5387227
5928.95	6.61	127.19	5842.59	-480.07	632.48	794.04	2.00	-2.00	-0.01	40.4952922	-104.5387159
5948.95	6.21	127.19	5862.47	-481.42	634.26	796.27	2.00	-2.00	-0.01	40.4952885	-104.5387095
5968.95	5.81	127.19	5882.36	-482.69	635.92	798.36	2.00	-2.00	-0.01	40.4952850	-104.5387035
5988.95	5.41	127.19	5902.26	-483.87	637.48	800.32	2.00	-2.00	-0.01	40.4952818	-104.5386979
6008.95	5.01	127.18	5922.18	-484.97	638.93	802.14	2.00	-2.00	-0.01	40.4952788	-104.5386927
6028.95	4.61	127.18	5942.11	-485.98	640.27	803.81	2.00	-2.00	-0.01	40.4952760	-104.5386879
6048.95	4.21	127.18	5962.05	-486.91	641.49	805.35	2.00	-2.00	-0.01	40.4952734	-104.5386835
6068.95	3.81	127.18	5982.00	-487.75	642.61	806.75	2.00	-2.00	-0.02	40.4952711	-104.5386794

Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	NS (Ft)	EW (Ft)	VS (Ft)	DLS °/100Ft	Build Rate °/100Ft	Walk Rate °/100Ft	Latitude Dec. Deg	Longitude Dec. Deg
6088.95	3.41	127.17	6001.96	-488.51	643.61	808.01	2.00	-2.00	-0.02	40.4952690	-104.5386758
6108.95	3.01	127.17	6021.93	-489.19	644.50	809.13	2.00	-2.00	-0.02	40.4952672	-104.5386726
6128.95	2.61	127.16	6041.90	-489.78	645.28	810.11	2.00	-2.00	-0.03	40.4952655	-104.5386698
6148.95	2.21	127.15	6061.89	-490.29	645.95	810.95	2.00	-2.00	-0.04	40.4952642	-104.5386674
6168.95	1.81	127.14	6081.87	-490.72	646.51	811.65	2.00	-2.00	-0.06	40.4952630	-104.5386654
6188.95	1.41	127.12	6101.87	-491.05	646.96	812.21	2.00	-2.00	-0.10	40.4952621	-104.5386638
6208.95	1.01	127.09	6121.86	-491.31	647.30	812.64	2.00	-2.00	-0.17	40.4952614	-104.5386626
6228.95	0.61	127.01	6141.86	-491.48	647.52	812.92	2.00	-2.00	-0.40	40.4952609	-104.5386618
6248.95	0.21	126.62	6161.86	-491.57	647.64	813.06	2.00	-2.00	-1.93	40.4952607	-104.5386614
Begin Hold @ Vertical											
6258.20	0.03	122.28	6171.11	-491.58	647.65	813.08	2.00	-2.00	-46.88	40.4952606	-104.5386613
 Niobrara											
6758.09	0.03	122.28	6671.00	-491.69	647.84	813.30	0.00	0.00	0.00	40.4952603	-104.5386606
 Fort Hayes											
7034.09	0.03	122.28	6947.00	-491.76	647.94	813.42	0.00	0.00	0.00	40.4952601	-104.5386603
 Codell											
7054.09	0.03	122.28	6967.00	-491.76	647.95	813.43	0.00	0.00	0.00	40.4952601	-104.5386602
 Albrighton 3-10 Target											
7224.09	0.03	122.28	7137.00	-491.80	648.01	813.50	0.00	0.00	0.00	40.4952600	-104.5386600
PBHL @ 1973' FWL & 676' FSL											
7224.10	0.03	122.28	7137.00	-491.80	648.01	813.50	7.71	0.00	0.00	40.4952600	-104.5386600
TARGET DATA											
Name	Shape	Easting (Ft)	Northing (Ft)	Subsea (Ft)	TVD (Ft)	NS (Ft)	EW (Ft)	Side A (Ft)	Side B (Ft)	Dia. (Ft)	
Albrighton 3-10 Target	CIRCLE	3267359.0	1424713.0	2316.0	7137.0	-491.8	648.0	100.0	200.0	100.0	