



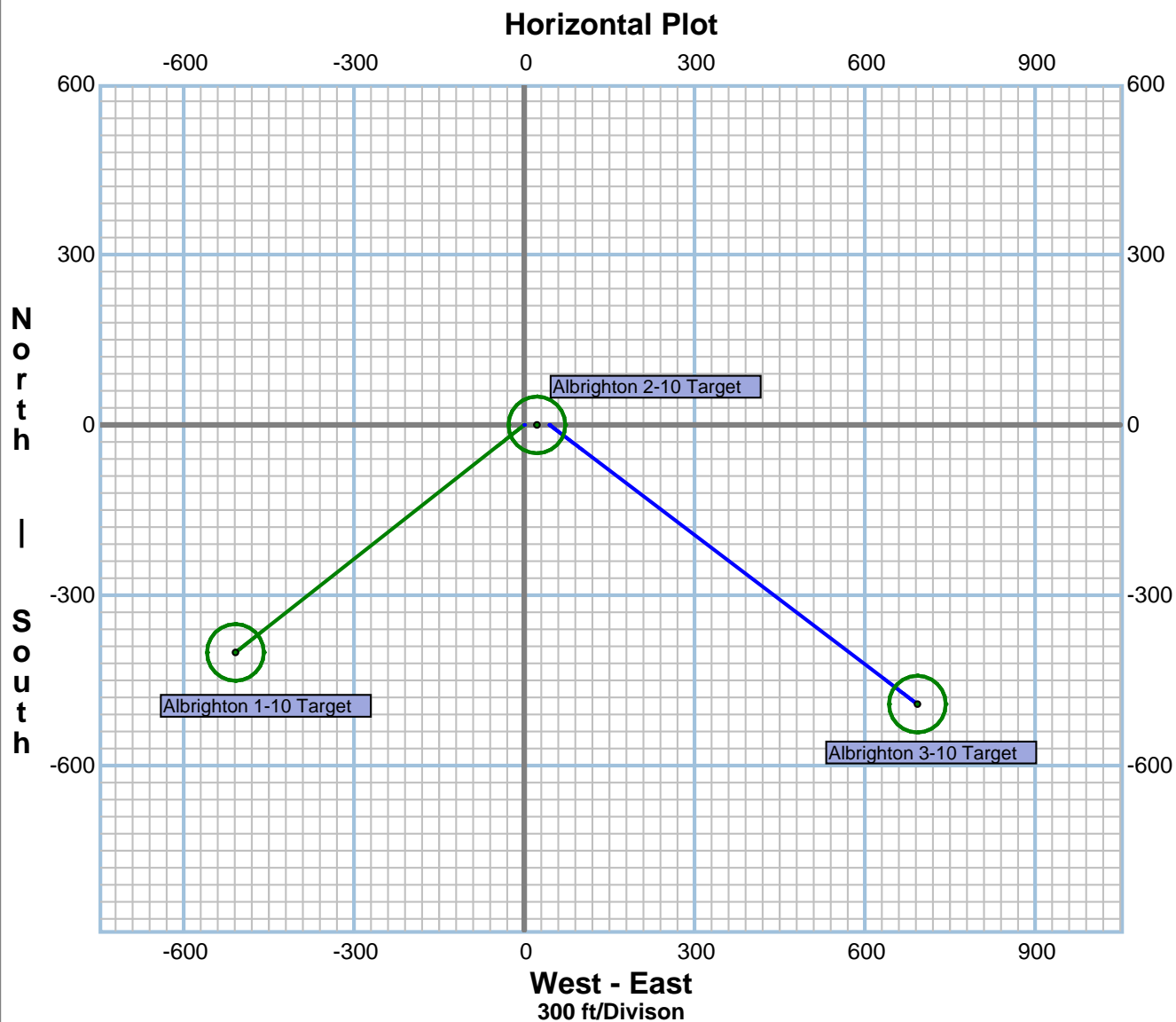
Job ID : Albrighton Well Pad
Company : Saint James Energy Operating Inc.
Lease/Well : Albrighton Spider Plot
Location : SWSW SEC 10 T6N R64W
API JOB # : PENDING
Rig Name : Cade 25
State/Province : CO
County/Parish : Weld
Country : USA

Latitude : 40°29'47.7960" N
Longitude : -104°32'28.1400" W
Northing : 1425197.25
Easting : 3266661.17
System Zone : US State Plane 1983
Projection Type : LAMBERT
ELEVATION : 4708'
RKB : 14 ft
Comment : Plan 1



CURVES LEGEND :

- Albrighton 1-10 Proposal
- Albrighton 2-10 Proposal
- Albrighton 3-10 Proposal



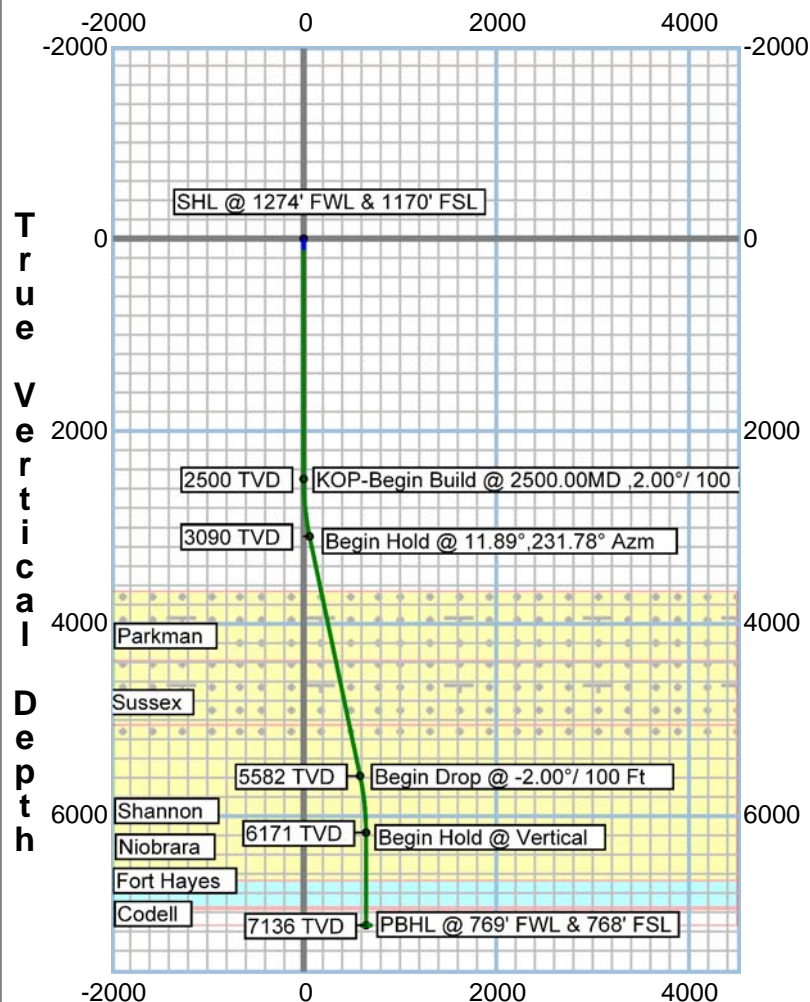


Job ID : Albrighton Well Pad
Company : Saint James Energy Operating Inc.
Lease/Well : Albrighton 1-10
Location : SWSW SEC 10 T6N R64W
API JOB # : PENDING
Rig Name : Cade 25
State/Province : CO
County/Parish : Weld
Country : USA

Latitude : 40°29'47.7960" N
Longitude : -104°32'28.1400" W
Northing : 1425197.25
Easting : 3266661.17
System Zone : US State Plane 1983
Projection Type : LAMBERT
ELEVATION : 4808'
RKB : 14 ft
Comment : Plan 1

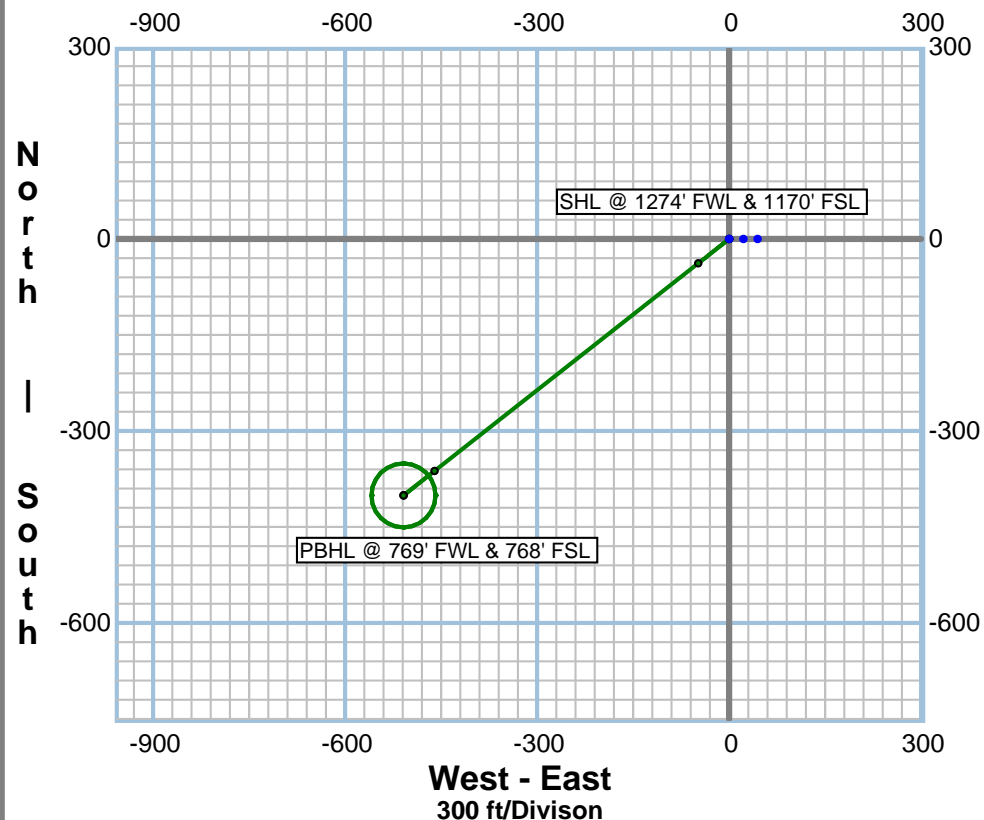


Vertical Section Plot



Vertical Section (231.78°)
2000 ft/Division

Horizontal Plot



CRITICAL POINTS - ALBRIGHTON 1-10

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
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
3094.42	11.89	231.78	3090.16	-48.28	-38.01	61.45	61.45	231.78	0.00	2.01	2.01
5640.71	11.89	231.78	5581.82	-460.44	-362.59	586.07	586.07	231.78	0.00	0.00	0.00
6234.48	0.01	240.47	6171.33	-508.74	-400.61	647.53	647.53	231.78	59.99	-2.00	2.00
7199.15	0.01	240.47	7136.00	-508.95	-400.73	647.78	647.78	231.78	0.00	0.00	0.00



Job ID : Albrighton Well Pad
Company : Saint James Energy Operating Inc.
Lease/Well : Albrighton 1-10
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°32'28.1400" W
Northing : 1425197.25
Easting : 3266661.17
System Zone : US State Plane 1983
Projection Type : LAMBERT
ELEVATION : 4808'
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	-508.95	Parkman	-1159.00	-439.00	Parkman	0.00	0.00
CIRCLE	Albrighton 3-10 Target	3267358.96	1424712.96	2316.00	692.51	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

Albrighton 1-10
MD = 15.00
Inc = 0.00
Azm = 0.00
EW = 0.00
NS = 0.00
TVD = 15.00
DLS = 0.00
TFO = -128.22
Subsea = -4806.00
Closure = 0.00
@ CLDIR = 0.00
VSP = 1254.67



MAGNETICS INFORMATION :

Magnetic Model: C:\HawkEye\IGRF2005.MIF
Date for Magnetics: 03/22/2013
Latitude: 40°29'47.7960" N
Longitude: -104°32'28.1400" 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): 48914
B-Horz Component (nt): 20649
Dip Angle: 67.11

METHODS OF CORRECTIONS:

- * To correct from Magnetic North to True North use:
 $8.45^{\circ}E \rightarrow TN = MN + 8.45$
- * To correct from True North to Grid North use:
 $0.62^{\circ}E \rightarrow GN = TN - 0.62$: True to Grid
- * To Correct from Magnetic North to Grid North use:
 $7.83^{\circ}E \rightarrow GN = MN + 7.83$: Magnetic to Grid

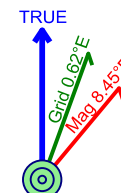


Job Number: Albrighton Well Pad
Company: Saint James Energy Operating Inc.
Lease/Well: Albrighton 1-10
Location: SWSW SEC 10 T6N R64W
Rig Name: Cade 25
State/County: CO/ Weld
Country: USA
API Number: PENDING

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: 0.61952 E
Date: Sunday, March 24, 2013

Calculated by HawkEye Software
Minimum Curvature Method
Vertical Section Plane 231.78°

Northing (US ft): 1425197.25 Easting (US ft): 3266661.17
Latitude: 40°29'47.7960" N Longitude: -104°32'28.1400" W
Well Location: 1159.60 FSL, 1290.93 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 @ 1274' 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	-104.5411500
KOP-Begin Build @ 2500.00MD ,2.00°/ 100 Ft											
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	40.4966100	-104.5411500
Begin Hold @ 11.89°,231.78° Azm											
3094.42	11.89	231.78	3090.16	-38.01	-48.28	61.45	2.01	2.01	0.00	40.4965057	-104.5413236
Parkman											
3678.80	11.89	231.78	3662.00	-112.50	-142.87	181.85	0.00	0.00	0.00	40.4963012	-104.5416637
Sussex											
4414.58	11.89	231.78	4382.00	-206.29	-261.97	333.44	0.00	0.00	0.00	40.4960437	-104.5420919
Shannon											
5099.27	11.89	231.78	5052.00	-293.57	-372.80	474.51	0.00	0.00	0.00	40.4958042	-104.5424904
Begin Drop @ -2.00°/ 100 Ft											
5640.71	11.89	231.78	5581.82	-362.59	-460.44	586.07	0.00	0.00	0.00	40.4956147	-104.5428056
Begin Hold @ Vertical											
6234.48	0.01	240.47	6171.33	-400.61	-508.74	647.53	2.00	-2.00	59.99	40.4955104	-104.5429792
Niobrara											
6734.15	0.01	240.47	6671.00	-400.67	-508.85	647.66	0.00	0.00	0.00	40.4955102	-104.5429796
Fort Hayes											
7010.15	0.01	240.47	6947.00	-400.70	-508.91	647.73	0.00	0.00	0.00	40.4955101	-104.5429798
Codell											
7030.15	0.01	240.47	6967.00	-400.71	-508.91	647.73	0.00	0.00	0.00	40.4955101	-104.5429799
Albrighton 1-10 Target											
7199.14	0.01	240.47	7136.00	-400.73	-508.95	647.78	0.00	0.00	0.00	40.4955100	-104.5429800
PBHL @ 769' FWL & 768' FSL											
7199.15	0.01	240.47	7136.00	-400.73	-508.95	647.78	7.42	0.00	0.00	40.4955100	-104.5429800

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 1-10 Target	CIRCLE	3266156.6	1424791.0	2315.0	7136.0	-400.7	-509.0	100.0	100.0	100.0

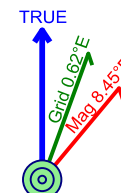


Job Number: Albrighton Well Pad
Company: Saint James Energy Operating Inc.
Lease/Well: Albrighton 1-10
Location: SWSW SEC 10 T6N R64W
Rig Name: Cade 25
State/County: CO/ Weld
Country: USA
API Number: PENDING




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: 0.61952 E
Date: Sunday, March 24, 2013





Calculated by HawkEye Software
Minimum Curvature Method
Vertical Section Plane 231.78°

Northing (US ft): 1425197.25 **Easting (US ft):** 3266661.17
Latitude: 40°29'47.7960" N **Longitude:** -104°32'28.1400" W
Well Location: 1159.60 FSL, 1290.93 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 @ 1274' 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	-104.5411500
KOP-Begin Build @ 2500.00MD ,2.00°/ 100 Ft											
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	40.4966100	-104.5411500
2520.00	0.40	231.79	2520.00	-0.04	-0.05	0.07	2.00	2.00	-641.05	40.4966099	-104.5411502
2540.00	0.80	231.79	2540.00	-0.17	-0.22	0.28	2.00	2.00	-0.03	40.4966095	-104.5411508
2560.00	1.20	231.78	2560.00	-0.39	-0.49	0.63	2.00	2.00	-0.01	40.4966089	-104.5411518
2580.00	1.60	231.78	2579.99	-0.69	-0.88	1.12	2.00	2.00	0.00	40.4966081	-104.5411532
2600.00	2.00	231.78	2599.98	-1.08	-1.37	1.74	2.00	2.00	0.00	40.4966071	-104.5411549
2620.00	2.40	231.78	2619.96	-1.55	-1.97	2.51	2.00	2.00	0.00	40.4966057	-104.5411571
2640.00	2.80	231.78	2639.94	-2.11	-2.69	3.42	2.00	2.00	0.00	40.4966042	-104.5411597
2660.00	3.20	231.78	2659.92	-2.76	-3.51	4.47	2.00	2.00	0.00	40.4966024	-104.5411626
2680.00	3.60	231.78	2679.88	-3.50	-4.44	5.65	2.00	2.00	0.00	40.4966004	-104.5411660
2700.00	4.00	231.78	2699.84	-4.32	-5.48	6.98	2.00	2.00	0.00	40.4965982	-104.5411697
2720.00	4.40	231.78	2719.78	-5.22	-6.63	8.44	2.00	2.00	0.00	40.4965957	-104.5411739
2740.00	4.80	231.78	2739.72	-6.21	-7.89	10.05	2.00	2.00	0.00	40.4965930	-104.5411784
2760.00	5.20	231.78	2759.64	-7.29	-9.26	11.79	2.00	2.00	0.00	40.4965900	-104.5411833
2780.00	5.60	231.78	2779.55	-8.46	-10.74	13.67	2.00	2.00	0.00	40.4965868	-104.5411886
2800.00	6.00	231.78	2799.45	-9.71	-12.33	15.69	2.00	2.00	0.00	40.4965834	-104.5411943
2820.00	6.40	231.78	2819.33	-11.04	-14.03	17.85	2.00	2.00	0.00	40.4965797	-104.5412004
2840.00	6.80	231.78	2839.20	-12.47	-15.83	20.15	2.00	2.00	0.00	40.4965758	-104.5412069
2860.00	7.20	231.78	2859.05	-13.97	-17.75	22.59	2.00	2.00	0.00	40.4965717	-104.5412138
2880.00	7.60	231.78	2878.89	-15.57	-19.77	25.16	2.00	2.00	0.00	40.4965673	-104.5412211
2900.00	8.00	231.78	2898.70	-17.25	-21.90	27.88	2.00	2.00	0.00	40.4965627	-104.5412288
2920.00	8.40	231.78	2918.50	-19.01	-24.14	30.73	2.00	2.00	0.00	40.4965578	-104.5412368
2940.00	8.80	231.78	2938.27	-20.86	-26.49	33.72	2.00	2.00	0.00	40.4965527	-104.5412453
2960.00	9.20	231.78	2958.03	-22.80	-28.95	36.85	2.00	2.00	0.00	40.4965474	-104.5412541

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
2980.00	9.60	231.78	2977.76	-24.82	-31.52	40.12	2.00	2.00	0.00	40.4965419	-104.5412633
3000.00	10.00	231.78	2997.47	-26.92	-34.19	43.52	2.00	2.00	0.00	40.4965361	-104.5412729
3020.00	10.40	231.78	3017.15	-29.12	-36.98	47.06	2.00	2.00	0.00	40.4965301	-104.5412830
3040.00	10.80	231.78	3036.81	-31.39	-39.87	50.74	2.00	2.00	0.00	40.4965238	-104.5412933
3060.00	11.20	231.78	3056.44	-33.75	-42.86	54.56	2.00	2.00	0.00	40.4965174	-104.5413041
3080.00	11.60	231.78	3076.05	-36.20	-45.97	58.51	2.00	2.00	0.00	40.4965106	-104.5413153
Begin Hold @ 11.89°,231.78° Azm											
3094.42	11.89	231.78	3090.16	-38.01	-48.28	61.45	2.01	2.01	0.00	40.4965057	-104.5413236
 Parkman											
3678.80	11.89	231.78	3662.00	-112.50	-142.87	181.85	0.00	0.00	0.00	40.4963012	-104.5416637
 Sussex											
4414.58	11.89	231.78	4382.00	-206.29	-261.97	333.44	0.00	0.00	0.00	40.4960437	-104.5420919
 Shannon											
5099.27	11.89	231.78	5052.00	-293.57	-372.80	474.51	0.00	0.00	0.00	40.4958042	-104.5424904
Begin Drop @ -2.00°/ 100 Ft											
5640.71	11.89	231.78	5581.82	-362.59	-460.44	586.07	0.00	0.00	0.00	40.4956147	-104.5428056
5660.71	11.49	231.78	5601.41	-365.09	-463.62	590.12	2.00	-2.00	0.00	40.4956078	-104.5428170
5680.71	11.09	231.78	5621.02	-367.52	-466.70	594.03	2.00	-2.00	0.00	40.4956012	-104.5428281
5700.71	10.69	231.78	5640.66	-369.85	-469.67	597.81	2.00	-2.00	0.00	40.4955948	-104.5428387
5720.71	10.29	231.78	5660.33	-372.11	-472.53	601.45	2.00	-2.00	0.00	40.4955886	-104.5428490
5740.71	9.89	231.78	5680.02	-374.28	-475.28	604.96	2.00	-2.00	0.00	40.4955826	-104.5428589
5760.71	9.49	231.78	5699.73	-376.36	-477.93	608.32	2.00	-2.00	0.00	40.4955769	-104.5428684
5780.71	9.09	231.78	5719.47	-378.36	-480.46	611.55	2.00	-2.00	0.00	40.4955714	-104.5428776
5800.71	8.69	231.78	5739.23	-380.27	-482.89	614.64	2.00	-2.00	0.00	40.4955662	-104.5428863
5820.71	8.29	231.78	5759.01	-382.09	-485.21	617.60	2.00	-2.00	0.00	40.4955612	-104.5428946
5840.71	7.89	231.79	5778.81	-383.83	-487.42	620.41	2.00	-2.00	0.00	40.4955564	-104.5429026
5860.71	7.49	231.79	5798.63	-385.49	-489.53	623.09	2.00	-2.00	0.00	40.4955518	-104.5429101
5880.71	7.09	231.79	5818.47	-387.06	-491.52	625.63	2.00	-2.00	0.00	40.4955475	-104.5429173
5900.71	6.69	231.79	5838.32	-388.54	-493.40	628.02	2.00	-2.00	0.01	40.4955435	-104.5429241
5920.71	6.29	231.79	5858.20	-389.94	-495.18	630.29	2.00	-2.00	0.01	40.4955396	-104.5429305
5940.71	5.89	231.79	5878.08	-391.26	-496.85	632.41	2.00	-2.00	0.01	40.4955360	-104.5429365
5960.71	5.49	231.79	5897.99	-392.48	-498.41	634.39	2.00	-2.00	0.01	40.4955327	-104.5429421
5980.71	5.09	231.79	5917.90	-393.62	-499.85	636.23	2.00	-2.00	0.01	40.4955295	-104.5429473
6000.71	4.69	231.80	5937.83	-394.68	-501.19	637.94	2.00	-2.00	0.01	40.4955266	-104.5429521
6020.71	4.29	231.80	5957.77	-395.64	-502.43	639.50	2.00	-2.00	0.01	40.4955240	-104.5429565
6040.71	3.89	231.80	5977.71	-396.53	-503.55	640.93	2.00	-2.00	0.02	40.4955215	-104.5429606
6060.71	3.49	231.81	5997.67	-397.32	-504.56	642.22	2.00	-2.00	0.02	40.4955194	-104.5429642
6080.71	3.09	231.81	6017.64	-398.03	-505.46	643.37	2.00	-2.00	0.02	40.4955174	-104.5429674
6100.71	2.69	231.82	6037.61	-398.66	-506.25	644.37	2.00	-2.00	0.03	40.4955157	-104.5429703
6120.71	2.29	231.83	6057.60	-399.19	-506.94	645.24	2.00	-2.00	0.04	40.4955142	-104.5429727
6140.71	1.89	231.84	6077.58	-399.64	-507.51	645.97	2.00	-2.00	0.06	40.4955130	-104.5429748
6160.71	1.49	231.86	6097.57	-400.01	-507.97	646.56	2.00	-2.00	0.09	40.4955120	-104.5429765

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					
6180.71	1.09	231.89	6117.57	-400.29	-508.33	647.01	2.00	-2.00	0.16	40.4955112	-104.5429777					
6200.71	0.69	231.96	6137.57	-400.48	-508.57	647.32	2.00	-2.00	0.34	40.4955107	-104.5429786					
6220.71	0.29	232.21	6157.57	-400.58	-508.71	647.49	2.00	-2.00	1.28	40.4955104	-104.5429791					
Begin Hold @ Vertical																
6234.48	0.01	240.47	6171.33	-400.61	-508.74	647.53	2.00	-2.00	59.99	40.4955104	-104.5429792					
 Niobrara																
6734.15	0.01	240.47	6671.00	-400.67	-508.85	647.66	0.00	0.00	0.00	40.4955102	-104.5429796					
 Fort Hayes																
7010.15	0.01	240.47	6947.00	-400.70	-508.91	647.73	0.00	0.00	0.00	40.4955101	-104.5429798					
 Codell																
7030.15	0.01	240.47	6967.00	-400.71	-508.91	647.73	0.00	0.00	0.00	40.4955101	-104.5429799					
 Albrighton 1-10 Target																
7199.14	0.01	240.47	7136.00	-400.73	-508.95	647.78	0.00	0.00	0.00	40.4955100	-104.5429800					
PBHL @ 769' FWL & 768' FSL																
7199.15	0.01	240.47	7136.00	-400.73	-508.95	647.78	7.42	0.00	0.00	40.4955100	-104.5429800					
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 1-10 Target		CIRCLE		3266156.6		1424791.0		2315.0		7136.0		-400.7	-509.0	100.0	100.0	100.0