

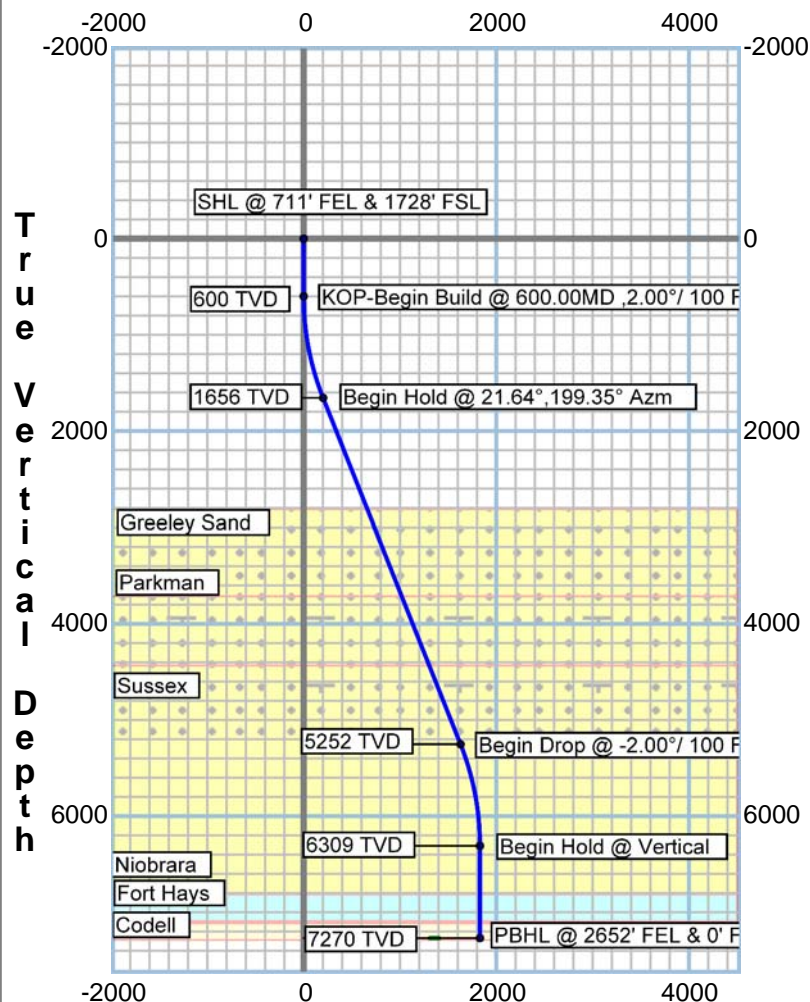


Job ID : Goza Well Pad
Company : Trilogy Resources
Lease/Well : Goza 18-2Ae
Location : Sec 18 T6N R65W
API JOB # : 521-123-xxxxx
Rig Name :
State/Province : CO
County/Parish : Weld
Country : USA

Latitude : 40°29'8.6280" N
Longitude : -104°41'57.8760" W
Northing : 1420797.13
Easting : 3222684.89
System Zone : US State Plane 1983
Projection Type : LAMBERT
Elevation (To MSL) : 4756 ft
RKB : 14 ft
Comment : Plan 1

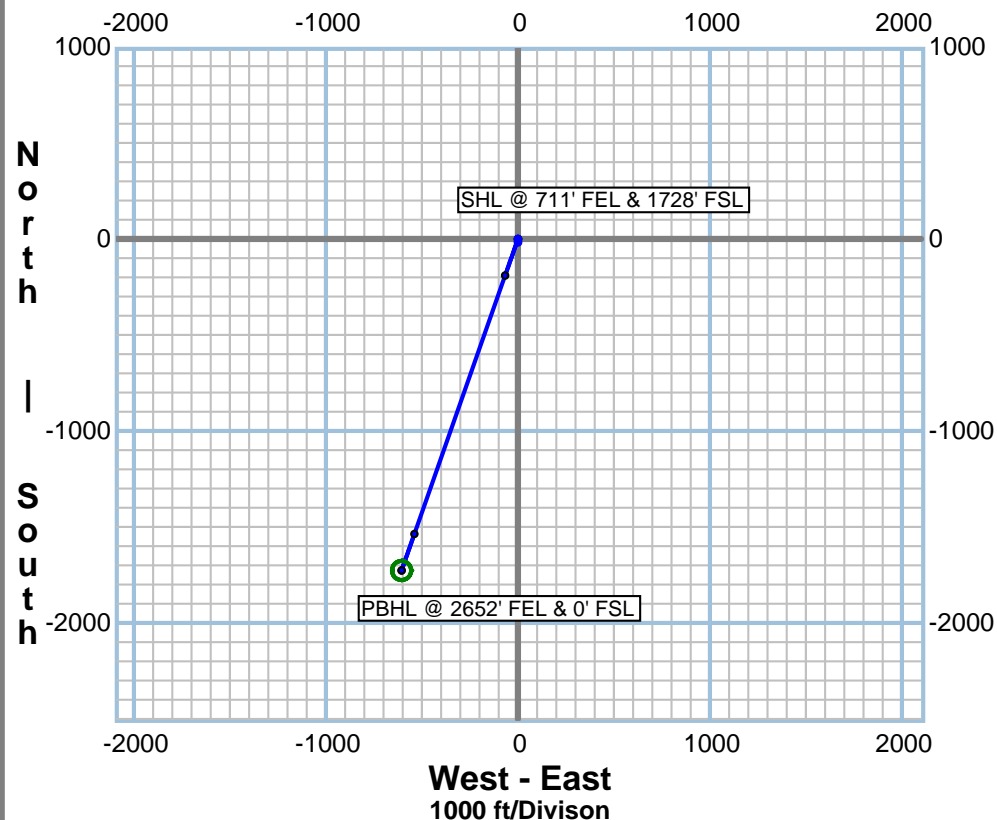


Vertical Section Plot



Vertical Section (199.35°)
2000 ft/Division

Horizontal Plot



West - East
1000 ft/Division

CRITICAL POINTS - GOZA 18-2AE 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
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1681.79	21.64	199.35	1656.26	-66.88	-190.43	201.83	201.83	199.35	0.00	2.24	2.24
5550.32	21.64	199.35	5252.14	-539.57	-1536.46	1628.44	1628.44	199.35	0.00	0.00	0.00
6632.85	0.01	16.80	6309.12	-606.47	-1726.96	1830.36	1830.36	199.35	6992.31	-1.16	2.00
7593.73	0.01	16.80	7270.01	-606.42	-1726.79	1830.18	1830.18	199.35	0.00	0.00	0.00

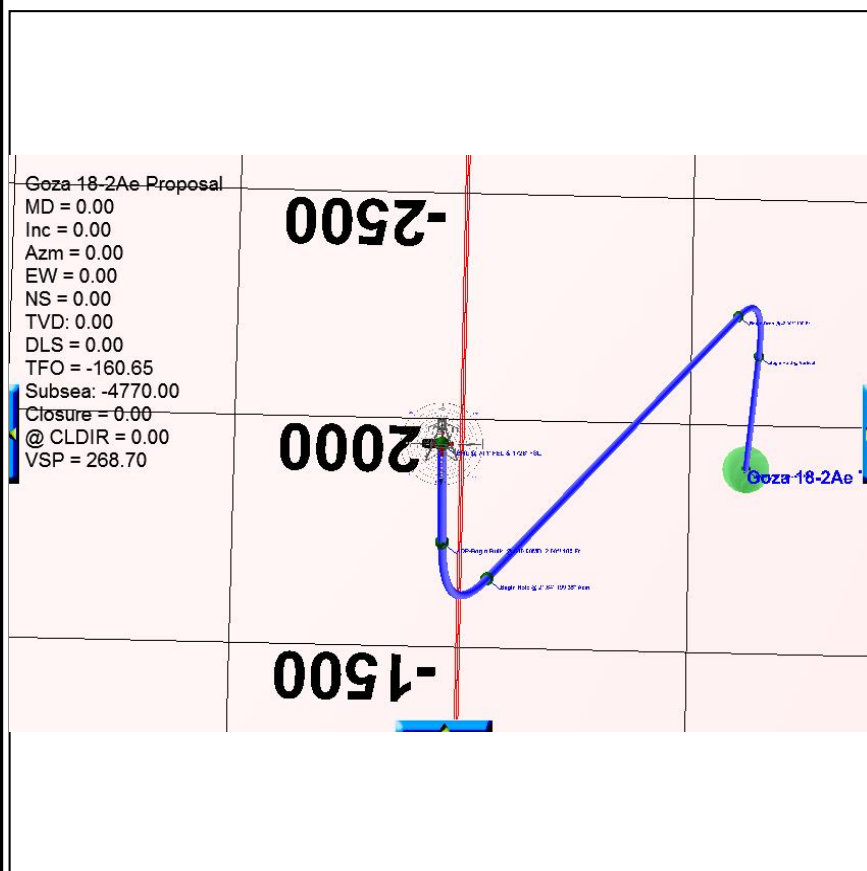


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Easting : 3222684.89
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Projection Type : LAMBERT
Elevation (To MSL) : 4756 ft
RKB : 14 ft
Comment : Plan 1



TARGETS						LITHOLOGY					
SHAPE	NAME	Easting	Northing	Subsea TVD	EW	Name	Subsea Top	Subsea Bottom	Description	Dip_Angle	Dip_Direction
CIRCLE	Goza 18-2Ae Target	3222094.08	1419064.93	2500.00	-606.42	Greeley Sand	-1962.00	-1062.00	Greeley Sand	0.00	0.00
CIRCLE	Goza 18-44 Target	3222750.16	1419730.26	2505.00	55.64	Parkman	-1062.00	-342.00	Parkman	0.00	0.00
CIRCLE	Goza 18-1Ae Target	3223420.93	1419076.91	2520.00	720.48	Sussex	-342.00	2038.00	Sussex	0.00	0.00
						Niobrara	2038.00	2318.00	Niobrara	0.00	0.00
						Fort Hays	2318.00	2340.00	Fort Hays	0.00	0.00
						Codell	2340.00	60.00	Codell	0.00	0.00



MAGNETICS INFORMATION :

Magnetic Model: C:\HawkEye\IGRF2005.MIF

Date for Magnetics: 07/23/2013

Latitude: 40°29'8.6280" N

Longitude: -104°41'57.8760" W

Magnetic Declination: 8.49

Total Correction(Mag to Grid): 7.97

Field Strength (nt): 53037

B-X Component (nt): 20440

B-Y Component (nt): 3052

B-Z Component (nt): 48845

B-Horz Component (nt): 20667

Dip Angle: 67.07

METHODS OF CORRECTIONS:

* To correct from Magnetic North to True North use:

8.49°E --> TN = MN + 8.49

* To correct from True North to Grid North use:

0.52°E --> GN = TN - 0.52 : True to Grid

* To Correct from Magnetic North to Grid North use:

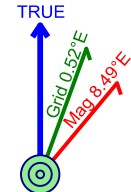
7.97°E --> GN = MN + 7.97 : Magnetic to Grid



Job Number: Goza Well Pad
Company: Trilogy Resources
Lease/Well: Goza 18-2Ae
Location: Sec 18 T6N R65W
Rig Name:
State/County: CO/ Weld
Country: USA
API Number: 521-123-xxxxx

Elevation : 4756.00 ft
RKB: 14.00 ft
Projection System: US State Plane 1983
Projection Group: Colorado Northern Zone
Projection Datum: GRS80
Mag. Declination: 8.49°
Grid Convergence: 0.51727 E
Date: Wednesday, July 24, 2013

Calculated by HawkEye Software
Minimum Curvature Method
Vertical Section Plane 199.35°
Northing (US ft): 1420797.13 Easting (US ft): 3222684.89
Latitude: 40°29'8.6280" N Longitude: -104°41'57.8760" W
Well Location: 1726.43 FSL, 711.70 FEL, Section 18, T6N, R65W, 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 @ 711' FEL & 1728' FSL											
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.4857300	-104.6994100
KOP-Begin Build @ 600.00MD ,2.00°/ 100 Ft											
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	40.4857300	-104.6994100
Begin Hold @ 21.64°,199.35° Azm											
1681.79	21.64	199.35	1656.26	-190.43	-66.88	201.83	2.24	2.24	0.00	40.4852073	-104.6996504
Greeley Sand											
2920.86	21.64	199.35	2808.00	-621.56	-218.28	658.77	0.00	0.00	0.00	40.4840239	-104.7001947
Parkman											
3889.10	21.64	199.35	3708.00	-958.45	-336.58	1015.83	0.00	0.00	0.00	40.4830991	-104.7006200
Sussex											
4663.70	21.64	199.35	4428.00	-1227.96	-431.23	1301.48	0.00	0.00	0.00	40.4823593	-104.7009602
Begin Drop @ -2.00°/ 100 Ft											
5550.32	21.64	199.35	5252.14	-1536.46	-539.57	1628.44	0.00	0.00	0.00	40.4815125	-104.7013497
Begin Hold @ Vertical											
6632.85	0.01	16.80	6309.12	-1726.96	-606.47	1830.36	2.00	-1.16	6992.31	40.4809895	-104.7015902
Niobrara											
7131.73	0.01	16.80	6808.00	-1726.87	-606.44	1830.26	0.00	0.00	0.00	40.4809898	-104.7015901
Fort Hays											
7411.73	0.01	16.80	7088.00	-1726.82	-606.43	1830.21	0.00	0.00	0.00	40.4809899	-104.7015900
Codell											
7433.73	0.01	16.80	7110.00	-1726.82	-606.43	1830.21	0.00	0.00	0.00	40.4809899	-104.7015900
Goza 18-2Ae Target											
7593.72	0.01	16.80	7270.00	-1726.79	-606.42	1830.18	0.00	0.00	0.00	40.4809900	-104.7015900
PBHL @ 2652' FEL & 0' FSL											
7593.73	0.01	16.80	7270.01	-1726.79	-606.42	1830.18	3.67	0.00	0.00	40.4809900	-104.7015900

TARGET DATA

Name	Shape	Easting (Ft)	Northing (Ft)	Subsea (Ft)	TVD (Ft)	NS (Ft)	EW (Ft)	Side A (Ft)	Side B (Ft)	Dia. (Ft)
Goza 18-2Ae Target	CIRCLE	3222094.1	1419064.9	2500.0	7270.0	-1726.8	-606.4	100.0	200.0	100.0

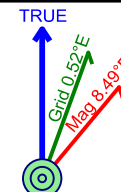
LITHOLOGY DATA						
Name	Description	Pattern	TVD Top (Ft)	TVD Bottom (Ft)	Dip Angle (deg)	Dip Direction (deg)
Greeley Sand	Greeley Sand	SAND	2808	3708	0.0	0.0
Parkman	Parkman	SANDSTON	3708	4428	0.0	0.0
Sussex	Sussex	SANDSTON	4428	6808	0.0	0.0
Niobrara	Niobrara	CHALK	6808	7088	0.0	0.0
Fort Hays	Fort Hays	LIMESTON	7088	7110	0.0	0.0
Codell	Codell	SANDSTON	7110	4830	0.0	0.0






Job Number: Goza Well Pad
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Lease/Well: Goza 18-2Ae
Location: Sec 18 T6N R65W
Rig Name:
State/County: CO/ Weld
Country: USA
API Number: 521-123-xxxx

Elevation : 4756.00 ft
RKB: 14.00 ft
Projection System: US State Plane 1983
Projection Group: Colorado Northern Zone
Projection Datum: GRS80
Mag. Declination: 8.49°
Grid Convergence: 0.51727 E
Date: Wednesday, July 24, 2013





Calculated by HawkEye Software
Minimum Curvature Method
Vertical Section Plane 199.35°
Northing (US ft): 1420797.13 Easting (US ft): 3222684.89
Latitude: 40°29'8.6280" N Longitude: -104°41'57.8760" W
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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 @ 711' FEL & 1728' FSL											
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.4857300	-104.6994100
KOP-Begin Build @ 600.00MD ,2.00°/ 100 Ft											
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	40.4857300	-104.6994100
620.00	0.40	199.35	620.00	-0.07	-0.02	0.07	2.00	2.00	-803.23	40.4857298	-104.6994101
640.00	0.80	199.35	640.00	-0.26	-0.09	0.28	2.00	2.00	-0.01	40.4857293	-104.6994103
660.00	1.20	199.35	660.00	-0.59	-0.21	0.63	2.00	2.00	0.00	40.4857284	-104.6994108
680.00	1.60	199.35	679.99	-1.05	-0.37	1.12	2.00	2.00	0.00	40.4857271	-104.6994113
700.00	2.00	199.35	699.98	-1.65	-0.58	1.74	2.00	2.00	0.00	40.4857255	-104.6994121
720.00	2.40	199.35	719.96	-2.37	-0.83	2.51	2.00	2.00	0.00	40.4857235	-104.6994130
740.00	2.80	199.35	739.94	-3.23	-1.13	3.42	2.00	2.00	0.00	40.4857212	-104.6994141
760.00	3.20	199.35	759.92	-4.21	-1.48	4.47	2.00	2.00	0.00	40.4857184	-104.6994153
780.00	3.60	199.35	779.88	-5.33	-1.87	5.65	2.00	2.00	0.00	40.4857154	-104.6994167
800.00	4.00	199.35	799.84	-6.58	-2.31	6.98	2.00	2.00	0.00	40.4857119	-104.6994183
820.00	4.40	199.35	819.78	-7.97	-2.80	8.44	2.00	2.00	0.00	40.4857081	-104.6994201
840.00	4.80	199.35	839.72	-9.48	-3.33	10.05	2.00	2.00	0.00	40.4857040	-104.6994220
860.00	5.20	199.35	859.64	-11.12	-3.91	11.79	2.00	2.00	0.00	40.4856995	-104.6994241
880.00	5.60	199.35	879.55	-12.90	-4.53	13.67	2.00	2.00	0.00	40.4856946	-104.6994263
900.00	6.00	199.35	899.45	-14.81	-5.20	15.69	2.00	2.00	0.00	40.4856894	-104.6994287
920.00	6.40	199.35	919.33	-16.84	-5.92	17.85	2.00	2.00	0.00	40.4856838	-104.6994313
940.00	6.80	199.35	939.20	-19.01	-6.68	20.15	2.00	2.00	0.00	40.4856778	-104.6994340
960.00	7.20	199.35	959.05	-21.31	-7.48	22.59	2.00	2.00	0.00	40.4856715	-104.6994369
980.00	7.60	199.35	978.89	-23.74	-8.34	25.16	2.00	2.00	0.00	40.4856648	-104.6994400
1000.00	8.00	199.35	998.70	-26.30	-9.24	27.88	2.00	2.00	0.00	40.4856578	-104.6994432
1020.00	8.40	199.35	1018.50	-29.00	-10.18	30.73	2.00	2.00	0.00	40.4856504	-104.6994466
1040.00	8.80	199.35	1038.27	-31.82	-11.17	33.72	2.00	2.00	0.00	40.4856427	-104.6994502
1060.00	9.20	199.35	1058.03	-34.77	-12.21	36.85	2.00	2.00	0.00	40.4856346	-104.6994539
1080.00	9.60	199.35	1077.76	-37.85	-13.29	40.12	2.00	2.00	0.00	40.4856261	-104.6994578

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
1100.00	10.00	199.35	1097.47	-41.06	-14.42	43.52	2.00	2.00	0.00	40.4856173	-104.6994618
1120.00	10.40	199.35	1117.15	-44.40	-15.59	47.06	2.00	2.00	0.00	40.4856081	-104.6994661
1140.00	10.80	199.35	1136.81	-47.88	-16.81	50.74	2.00	2.00	0.00	40.4855986	-104.6994705
1160.00	11.20	199.35	1156.44	-51.48	-18.08	54.56	2.00	2.00	0.00	40.4855887	-104.6994750
1180.00	11.60	199.35	1176.05	-55.21	-19.39	58.51	2.00	2.00	0.00	40.4855785	-104.6994797
1200.00	12.00	199.35	1195.62	-59.06	-20.74	62.60	2.00	2.00	0.00	40.4855679	-104.6994846
1220.00	12.40	199.35	1215.17	-63.05	-22.14	66.83	2.00	2.00	0.00	40.4855569	-104.6994896
1240.00	12.80	199.35	1234.69	-67.17	-23.59	71.19	2.00	2.00	0.00	40.4855456	-104.6994948
1260.00	13.20	199.35	1254.18	-71.41	-25.08	75.69	2.00	2.00	0.00	40.4855340	-104.6995002
1280.00	13.60	199.35	1273.63	-75.79	-26.61	80.32	2.00	2.00	0.00	40.4855220	-104.6995057
1300.00	14.00	199.35	1293.06	-80.29	-28.20	85.09	2.00	2.00	0.00	40.4855096	-104.6995114
1320.00	14.40	199.35	1312.44	-84.92	-29.82	90.00	2.00	2.00	0.00	40.4854969	-104.6995172
1340.00	14.80	199.35	1331.80	-89.67	-31.49	95.04	2.00	2.00	0.00	40.4854839	-104.6995232
1360.00	15.20	199.35	1351.12	-94.56	-33.21	100.22	2.00	2.00	0.00	40.4854704	-104.6995294
1380.00	15.60	199.35	1370.40	-99.57	-34.97	105.53	2.00	2.00	0.00	40.4854567	-104.6995357
1400.00	16.00	199.35	1389.64	-104.71	-36.77	110.98	2.00	2.00	0.00	40.4854426	-104.6995422
1420.00	16.40	199.35	1408.85	-109.97	-38.62	116.56	2.00	2.00	0.00	40.4854281	-104.6995488
1440.00	16.80	199.35	1428.02	-115.36	-40.51	122.27	2.00	2.00	0.00	40.4854133	-104.6995557
1460.00	17.20	199.35	1447.14	-120.88	-42.45	128.12	2.00	2.00	0.00	40.4853982	-104.6995626
1480.00	17.60	199.35	1466.23	-126.52	-44.43	134.10	2.00	2.00	0.00	40.4853827	-104.6995697
1500.00	18.00	199.35	1485.27	-132.29	-46.46	140.21	2.00	2.00	0.00	40.4853669	-104.6995770
1520.00	18.40	199.35	1504.27	-138.18	-48.53	146.46	2.00	2.00	0.00	40.4853507	-104.6995845
1540.00	18.80	199.35	1523.22	-144.20	-50.64	152.84	2.00	2.00	0.00	40.4853342	-104.6995921
1560.00	19.20	199.35	1542.13	-150.35	-52.80	159.35	2.00	2.00	0.00	40.4853173	-104.6995998
1580.00	19.60	199.35	1561.00	-156.61	-55.00	165.99	2.00	2.00	0.00	40.4853001	-104.6996077
1600.00	20.00	199.35	1579.82	-163.01	-57.24	172.77	2.00	2.00	0.00	40.4852826	-104.6996158
1620.00	20.40	199.35	1598.59	-169.52	-59.53	179.67	2.00	2.00	0.00	40.4852647	-104.6996240
1640.00	20.80	199.35	1617.31	-176.16	-61.86	186.71	2.00	2.00	0.00	40.4852464	-104.6996324
1660.00	21.20	199.35	1635.98	-182.92	-64.24	193.88	2.00	2.00	0.00	40.4852279	-104.6996409
1680.00	21.60	199.35	1654.60	-189.81	-66.66	201.17	2.00	2.00	0.00	40.4852090	-104.6996496
Begin Hold @ 21.64°, 199.35° Azm											
1681.79	21.64	199.35	1656.26	-190.43	-66.88	201.83	2.24	2.24	0.00	40.4852073	-104.6996504
 Greeley Sand											
2920.86	21.64	199.35	2808.00	-621.56	-218.28	658.77	0.00	0.00	0.00	40.4840239	-104.7001947
 Parkman											
3889.10	21.64	199.35	3708.00	-958.45	-336.58	1015.83	0.00	0.00	0.00	40.4830991	-104.7006200
 Sussex											
4663.70	21.64	199.35	4428.00	-1227.96	-431.23	1301.48	0.00	0.00	0.00	40.4823593	-104.7009602
Begin Drop @ -2.00°/ 100 Ft											
5550.32	21.64	199.35	5252.14	-1536.46	-539.57	1628.44	0.00	0.00	0.00	40.4815125	-104.7013497
5570.32	21.24	199.35	5270.75	-1543.35	-541.99	1635.76	2.00	-2.00	0.00	40.4814935	-104.7013584
5590.32	20.84	199.35	5289.42	-1550.13	-544.37	1642.94	2.00	-2.00	0.00	40.4814749	-104.7013669

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
5610.32	20.44	199.35	5308.14	-1556.78	-546.70	1649.99	2.00	-2.00	0.00	40.4814567	-104.7013753
5630.32	20.04	199.35	5326.90	-1563.31	-549.00	1656.90	2.00	-2.00	0.00	40.4814388	-104.7013836
5650.32	19.64	199.35	5345.71	-1569.71	-551.24	1663.69	2.00	-2.00	0.00	40.4814212	-104.7013916
5670.32	19.24	199.35	5364.57	-1575.99	-553.45	1670.35	2.00	-2.00	0.00	40.4814039	-104.7013996
5690.32	18.84	199.35	5383.48	-1582.15	-555.61	1676.87	2.00	-2.00	0.00	40.4813870	-104.7014073
5710.32	18.44	199.35	5402.43	-1588.18	-557.73	1683.27	2.00	-2.00	0.00	40.4813705	-104.7014150
5730.32	18.04	199.35	5421.42	-1594.09	-559.80	1689.53	2.00	-2.00	0.00	40.4813543	-104.7014224
5750.32	17.64	199.35	5440.46	-1599.87	-561.83	1695.65	2.00	-2.00	0.00	40.4813384	-104.7014297
5770.32	17.24	199.35	5459.54	-1605.52	-563.82	1701.65	2.00	-2.00	0.00	40.4813229	-104.7014369
5790.32	16.84	199.35	5478.67	-1611.05	-565.76	1707.51	2.00	-2.00	0.00	40.4813077	-104.7014438
5810.32	16.44	199.35	5497.83	-1616.46	-567.66	1713.23	2.00	-2.00	0.00	40.4812929	-104.7014507
5830.32	16.04	199.35	5517.03	-1621.73	-569.51	1718.83	2.00	-2.00	0.00	40.4812784	-104.7014573
5850.32	15.64	199.35	5536.27	-1626.89	-571.32	1724.29	2.00	-2.00	0.00	40.4812643	-104.7014638
5870.32	15.24	199.35	5555.55	-1631.91	-573.09	1729.61	2.00	-2.00	0.00	40.4812505	-104.7014702
5890.32	14.84	199.35	5574.86	-1636.81	-574.81	1734.80	2.00	-2.00	0.00	40.4812370	-104.7014763
5910.32	14.44	199.35	5594.21	-1641.58	-576.48	1739.86	2.00	-2.00	0.00	40.4812239	-104.7014824
5930.32	14.04	199.35	5613.60	-1646.22	-578.11	1744.78	2.00	-2.00	0.00	40.4812112	-104.7014882
5950.32	13.64	199.35	5633.02	-1650.73	-579.70	1749.56	2.00	-2.00	0.00	40.4811988	-104.7014939
5970.32	13.24	199.35	5652.47	-1655.12	-581.24	1754.21	2.00	-2.00	0.00	40.4811868	-104.7014995
5990.32	12.84	199.35	5671.96	-1659.37	-582.73	1758.72	2.00	-2.00	0.00	40.4811751	-104.7015048
6010.32	12.44	199.35	5691.47	-1663.50	-584.18	1763.10	2.00	-2.00	0.00	40.4811637	-104.7015100
6030.32	12.04	199.35	5711.02	-1667.50	-585.59	1767.34	2.00	-2.00	0.00	40.4811528	-104.7015151
6050.32	11.64	199.35	5730.59	-1671.38	-586.95	1771.44	2.00	-2.00	0.00	40.4811421	-104.7015200
6070.32	11.24	199.35	5750.19	-1675.12	-588.26	1775.41	2.00	-2.00	0.00	40.4811319	-104.7015247
6090.32	10.84	199.35	5769.82	-1678.73	-589.53	1779.24	2.00	-2.00	0.00	40.4811219	-104.7015293
6110.32	10.44	199.35	5789.48	-1682.22	-590.75	1782.93	2.00	-2.00	0.00	40.4811124	-104.7015337
6130.32	10.04	199.35	5809.16	-1685.57	-591.93	1786.49	2.00	-2.00	0.00	40.4811032	-104.7015379
6150.32	9.64	199.35	5828.87	-1688.80	-593.06	1789.90	2.00	-2.00	0.00	40.4810943	-104.7015420
6170.32	9.24	199.35	5848.60	-1691.89	-594.15	1793.18	2.00	-2.00	0.00	40.4810858	-104.7015459
6190.32	8.84	199.35	5868.35	-1694.86	-595.19	1796.33	2.00	-2.00	0.00	40.4810777	-104.7015496
6210.32	8.44	199.35	5888.12	-1697.69	-596.19	1799.33	2.00	-2.00	0.00	40.4810699	-104.7015532
6230.32	8.04	199.35	5907.91	-1700.39	-597.14	1802.20	2.00	-2.00	0.00	40.4810625	-104.7015566
6250.32	7.64	199.35	5927.73	-1702.97	-598.04	1804.93	2.00	-2.00	0.00	40.4810554	-104.7015599
6270.32	7.24	199.35	5947.56	-1705.41	-598.90	1807.52	2.00	-2.00	0.00	40.4810487	-104.7015630
6290.32	6.84	199.35	5967.41	-1707.73	-599.71	1809.97	2.00	-2.00	0.00	40.4810423	-104.7015659
6310.32	6.44	199.35	5987.27	-1709.91	-600.48	1812.28	2.00	-2.00	0.00	40.4810364	-104.7015686
6330.32	6.04	199.35	6007.15	-1711.96	-601.20	1814.45	2.00	-2.00	0.00	40.4810307	-104.7015712
6350.32	5.64	199.35	6027.05	-1713.88	-601.87	1816.49	2.00	-2.00	0.00	40.4810255	-104.7015736
6370.32	5.24	199.35	6046.96	-1715.67	-602.50	1818.38	2.00	-2.00	0.00	40.4810205	-104.7015759
6390.32	4.84	199.35	6066.88	-1717.32	-603.08	1820.14	2.00	-2.00	0.00	40.4810160	-104.7015780
6410.32	4.44	199.35	6086.82	-1718.85	-603.62	1821.76	2.00	-2.00	0.00	40.4810118	-104.7015799

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
6430.32	4.04	199.36	6106.76	-1720.25	-604.11	1823.24	2.00	-2.00	0.00	40.4810080	-104.7015817
6450.32	3.64	199.36	6126.72	-1721.51	-604.56	1824.58	2.00	-2.00	0.00	40.4810045	-104.7015833
6470.32	3.24	199.36	6146.68	-1722.64	-604.95	1825.78	2.00	-2.00	0.00	40.4810014	-104.7015847
6490.32	2.84	199.36	6166.65	-1723.64	-605.30	1826.84	2.00	-2.00	0.01	40.4809987	-104.7015860
6510.32	2.44	199.36	6186.63	-1724.51	-605.61	1827.76	2.00	-2.00	0.01	40.4809963	-104.7015871
6530.32	2.04	199.36	6206.62	-1725.25	-605.87	1828.54	2.00	-2.00	0.01	40.4809942	-104.7015880
6550.32	1.64	199.37	6226.61	-1725.86	-606.08	1829.18	2.00	-2.00	0.02	40.4809926	-104.7015888
6570.32	1.24	199.37	6246.60	-1726.33	-606.25	1829.69	2.00	-2.00	0.03	40.4809913	-104.7015894
6590.32	0.84	199.38	6266.60	-1726.67	-606.37	1830.05	2.00	-2.00	0.05	40.4809903	-104.7015898
6610.32	0.44	199.41	6286.60	-1726.88	-606.44	1830.27	2.00	-2.00	0.15	40.4809898	-104.7015901
6630.32	0.04	200.02	6306.60	-1726.96	-606.47	1830.36	2.00	-2.00	3.07	40.4809895	-104.7015902
Begin Hold @ Vertical											
6632.85	0.01	16.80	6309.12	-1726.96	-606.47	1830.36	2.00	-1.16	6992.31	40.4809895	-104.7015902
 Niobrara											
7131.73	0.01	16.80	6808.00	-1726.87	-606.44	1830.26	0.00	0.00	0.00	40.4809898	-104.7015901
 Fort Hays											
7411.73	0.01	16.80	7088.00	-1726.82	-606.43	1830.21	0.00	0.00	0.00	40.4809899	-104.7015900
 Codell											
7433.73	0.01	16.80	7110.00	-1726.82	-606.43	1830.21	0.00	0.00	0.00	40.4809899	-104.7015900
 Goza 18-2Ae Target											
7593.72	0.01	16.80	7270.00	-1726.79	-606.42	1830.18	0.00	0.00	0.00	40.4809900	-104.7015900
PBHL @ 2652' FEL & 0' FSL											
7593.73	0.01	16.80	7270.01	-1726.79	-606.42	1830.18	3.67	0.00	0.00	40.4809900	-104.7015900
TARGET DATA											
Name		Shape	Easting (Ft)	Northing (Ft)	Subsea (Ft)	TVD (Ft)	NS (Ft)	EW (Ft)	Side A (Ft)	Side B (Ft)	Dia. (Ft)
Goza 18-2Ae Target		CIRCLE	3222094.1	1419064.9	2500.0	7270.0	-1726.8	-606.4	100.0	200.0	100.0
LITHOLOGY DATA											
Name		Description	Pattern	TVD Top (Ft)	TVD Bottom (Ft)	Dip Angle (deg)	Dip Direction (deg)				
Greeley Sand		Greeley Sand	SAND	2808	3708	0.0	0.0				
Parkman		Parkman	SANDSTON	3708	4428	0.0	0.0				
Sussex		Sussex	SANDSTON	4428	6808	0.0	0.0				
Niobrara		Niobrara	CHALK	6808	7088	0.0	0.0				
Fort Hays		Fort Hays	LIMESTON	7088	7110	0.0	0.0				
Codell		Codell	SANDSTON	7110	4830	0.0	0.0				