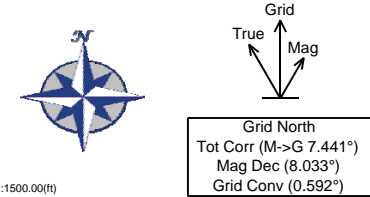


Borehole: Original Hole	Well: Colette 7-64-8-0263A	Field: CO, Weld County (NAD 83 NZ)	Structure: 06-07N-64W (Colette 7-64-8 Pad)
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Gravity & Magnetic Parameters		Surface Location NAD83 Colorado State Plane, Northern Zone, US Feet			Miscellaneous	
Model: HDGM 2016	Dip: 67.037202843457	Date: 15-May-2017	Lat: N 40 35 43.46	Northing: 1461061.27ftUS	Grid Conv: 0.59176326482035	Slot: Colette 7-64-8-0263A
MagDec: 8.032695129431	FS: 52453.251618024	Gravity FS: 999.052504412834mgn (9.80665 Based)	Lon: W 104 35 2.93	Easting: 3254334.78ftUS	Scale Fact: 0.99997490244756	TVD Ref: KB 20ft(5010ft above MSL)
7°		7nT		Plan: Colette 7-64-8-0263A R1 mdv 15May17		

Surface Location									
Northing:	1461061.27208686	Easting:	3254334.78363436	Latitude:	N 40 35 43.46	Longitude:	W 104 35 2.93	VSec Azimuth:	163.879199
Target Description					Grid Coord				
Target Name	Latitude	Longitude	Northing	Easting	TVD	VSec	N(+)/S(-)	E(+)/W(-)	Local Coord
Colette 7-64-8 Pad Sec 06-08	N 40 35 43.46	W 104 35 3.25	1461060.65	3254309.80	5010.00	-6.34	-0.62	-24.99	
Colette 7-64-8 Pad Sec 08 - 460' SB	N 40 35 43.46	W 104 35 3.25	1461060.65	3254309.80	5010.00	-6.34	-0.62	-24.99	
Colette 7-64-8-0263A BHL	N 40 34 53.13	W 104 34 44.59	1455983.09	3255802.52	7010.00	5286.18	-5078.32	1467.78	
Colette 7-64-8-0263A LP	N 40 35 36.12	W 104 34 44.48	1460333.58	3255765.39	7010.00	1096.34	-727.71	1430.65	

**Proposal
Rev 1**



Target Description	Latitude	Longitude	Northing	Easting	TVD	VSec	N(+)/S(-)	E(+)/W(-)	DLS
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0 MD 0 TVD									
0.00 ° Incl 0.00 ° az									
0 vsec									
Base of Fox Hills (730 TVD)									
KOP, Build 2 DLS	1500.00	0.00	88.58	1500.00	0.00	0.00	0.00	0.00	0.00
Hold	2326.97	16.54	88.58	2315.54	30.09	2.93	118.50	2.00	0.00
KOP, Build/Turn 10 DLS	6540.06	16.54	88.58	6354.30	334.51	32.59	1317.49	0.00	0.00
Hold 200' @ 65° INC	7203.68	65.00	179.51	6871.80	688.59	-304.32	1427.02	10.00	0.00
KOP, Build 10 DLS to Landing	7403.68	65.00	179.51	6956.32	863.14	-485.58	1428.57	0.00	0.00
Niobrara A Chalk	7546.46	79.28	179.51	7000.00	993.69	-621.13	1429.73	10.00	0.00
Landing Point, Hold to TD	7653.68	90.00	179.51	7010.00	1096.33	-727.71	1430.64	10.00	0.00
7" Casing Point	7654.00	90.00	179.51	7010.00	1096.64	-728.03	1430.64	0.00	0.00
Colette 7-64-8-0263A BHL	12004.44	90.00	179.51	7010.00	5286.18	-5078.32	1467.78	0.00	0.00

