

Borehole:	Well:	Field:	Structure:
Original Hole	Anderson Fed-8-59-6-2124BE	CO, Weld County (NAD 83 NZ)	31-09N-59W (Anderson-Shull Pad 4)

Gravity & Magnetic Parameters					Surface Location				NAD83 Colorado State Plane, Northern Zone, US Feet				Miscellaneous			
Model:	HDGM 2015	Dip:	67.139°	Date:	13-Apr-2016	Lat:	N 40 42 0.41	Northing:	1501312.26fUS	Grid Conv:	0.9552°	Slot:	Anderson Fed-8-59-6-2124BE	TVD Ref:	KB 18ft(4893ft above MSL)	
MagDec:	8.049°	FS:	52753.642nT	Gravity FS:	999.082mgn (9.80665 Based)	Lon:	W 104 1 17.85	Easting:	3409900.66fUS	Scale Fact:	0.99998756	Plan:	Anderson Fed-8-59-6-2124BE R0 mdv 13Apr16			

Northing: 1501312.255		Easting: 3409900.664		Latitude: N 40 42 0.41		Longitude: W 104 1 17.85		VSec Azimuth: 102.635	
Target Description		Grid Coord		Local Coord					
Target Name	Latitude	Longitude	Northing	Easting	TVD	VSec	N(+)S(-)	E(+)W(-)	
Anderson-Shull Pad Sec 5-8N-59W	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4893.00	-1289.98	4145.42	-392.72	
Anderson-Shull Pad Sec 6-8N-59W	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4893.00	-1289.98	4145.42	-392.72	
Anderson-Shull Pad Sec 5-6 460' Setback	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4893.00	-1289.98	4145.42	-392.72	
Pad 4	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4893.00	-1289.98	4145.42	-392.72	
Anderson-Shull Pad Sec 31-9N-59W	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4893.00	-1289.98	4145.42	-392.72	
Anderson Fed-8-59-6-2124BE BHL	N 40 41 41.00	W 103 59 32.40	1499484.28	3418055.21	6108.00	8357.04	-1828.00	8154.66	
Anderson Fed-8-59-6-2124BE LP	N 40 41 40.65	W 104 1 2.06	1499332.50	3411150.36	6138.00	1652.50	-1979.78	1249.71	

Critical Point		Critical Point		Critical Point		Critical Point		Critical Point	
MD	INCL	AZIM	TVD	VSEC	N(+)S(-)	E(+)W(-)	DLS		
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
KOP, Build 1.5 DLS	1500.00	0.00	163.71	1500.00	0.00	0.00	0.00		
Hold	3487.14	29.81	163.71	3398.71	244.42	-485.04	141.76	1.50	
KOP, Build/Turn 10 DLS	6044.54	29.81	163.71	5617.77	859.30	-1705.23	498.37	0.00	
Hold 200' @ 65° INC	6580.26	65.00	103.98	5991.00	1190.92	-1906.57	793.09	10.00	
KOP, Build 10 DLS to Landing	6780.26	65.00	103.98	6075.52	1372.13	-1950.36	968.98	0.00	
Landing Point, Hold to TD	7072.52	90.25	88.74	6138.00	1652.50	-1979.78	1249.71	10.00	
7" Casing Point	7073.00	90.25	88.74	6138.00	1652.97	-1979.77	1250.19	0.00	
Anderson Fed-8-59-6-2124BE BHL	13979.20	90.25	88.74	6108.00	8357.04	-1828.00	8154.66	0.00	

Proposal
Rev 0



Grid
True
Mag
Grid North
Tot Corr (M->G 7.094°)
Mag Dec (8.049°)
Grid Conv (0.955°)

EW (ft) Scale = 1:2000.00(ft)

