

<b>Borehole:</b>	<b>Well:</b>	<b>Field:</b>	<b>Structure:</b>
<b>Original Hole</b>	<b>Anderson Fed-8-59-6-0508CDE</b>	<b>CO, Weld County (NAD 83 NZ)</b>	<b>31-09N-59W (Anderson-Shull Pad 4)</b>

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 2.88	Northing:	1501562.25fUS	Grid Conv:	0.9552°	Slot:	Anderson Fed-8-59-6-0508CDE	TVD Ref:	KB 18ft(4893ft above MSL)	
MagDec:	8.047°	FS:	52754.687nT	Gravity FS:	999.082mgn (9.80665 Based)	Lon:	W 104 1 17.80	Easting:	3409900.66fUS	Scale Fact:	0.99998765	Plan:	Anderson Fed-8-59-6-0508CDE R0 mdv 13Apr16			

Northing: 1501562.254		Easting: 3409900.656		Latitude: N 40 42 2.88		Longitude: W 104 1 17.80		VSec Azimuth: 97.178	
Target Description		Grid Coord		Local Coord					
Target Name	Latitude	Longitude	Northing	Easting	TVD	VSec	N(+)/S(-)	E(+)/W(-)	DLS
Anderson-Shull Pad Sec 5-8N-59W	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4893.00	-876.38	3895.42	-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	-876.38	3895.42	-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	-876.38	3895.42	-392.72	
Pad 4	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4893.00	-876.38	3895.42	-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	-876.38	3895.42	-392.72	
Anderson Fed-8-59-6-0508CDE BHL	N 40 41 51.37	W 103 59 32.13	1500534.84	3418058.42	6283.00	-876.38	8222.33	-1027.43	8157.88
Anderson Fed-8-59-6-0508CDE LP	N 40 41 51.02	W 104 1 1.85	1500382.61	3411149.16	6313.00	1386.14	-1179.66	1248.52	

  

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	154.41	1500.00	0.00	0.00	0.00	
Hold		2657.52	17.36	154.41	2639.88	94.19	-156.98	75.16	1.50
KOP, Build/Turn 10 DLS		5911.42	17.36	154.41	5745.51	619.69	-1032.79	494.51	0.00
Hold 200' @ 65° INC		6479.70	65.00	96.53	6172.38	950.67	-1148.18	813.57	10.00
KOP, Build 10 DLS to Landing		6679.70	65.00	96.53	6256.90	1131.92	-1168.79	993.66	0.00
Landing Point, Hold to TD		6943.21	90.25	88.74	6313.00	1386.14	-1179.66	1248.52	10.00
7" Casing Point		6944.00	90.25	88.74	6313.00	1386.93	-1179.64	1249.31	0.00
Anderson Fed-8-59-6-0508CDE BHL		13854.31	90.25	88.74	6283.00	8222.33	-1027.43	8157.88	0.00

**Proposal**  
**Rev 0**



Grid North  
Tot Corr (M->G 7.092°)  
Mag Dec (8.047°)  
Grid Conv (0.955°)

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

