

Borehole:	Well:	Field:	Structure:
Original Hole	Anderson Fed-8-59-6-2124CDE	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 0.17	Northing:	1501287.25fUS	Grid Conv:	0.9552°	Slot:	Anderson Fed-8-59-6-2124CDE	TVD Ref:	KB 18ft(4893ft above MSL)	
MagDec:	8.049°	FS:	52753.537nT	Gravity FS:	999.082mgn (9.80665 Based)	Lon:	W 104 1 17.86	Easting:	3409900.66fUS	Scale Fact:	0.99998755	Plan:	Anderson Fed-8-59-6-2124CDE R0 mdr 13Apr16			

Northing: 1501287.252		Easting: 3409900.665		Latitude: N 40 42 0.17		Longitude: W 104 1 17.86		VSec Azimuth: 103.47	
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	-1353.36	4170.42	-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	-1353.36	4170.42	-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	-1353.36	4170.42	-392.72	
Pad 4	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4893.00	-1353.36	4170.42	-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	-1353.36	4170.42	-392.72	
Anderson Fed-8-59-6-2124CDE BHL	N 40 41 39.51	W 103 59 32.43	1499334.16	3418054.99	6283.00	8385.08	-1953.12	8154.44	
Anderson Fed-8-59-6-2124CDE LP	N 40 41 39.16	W 104 1 2.09	1499182.38	3411150.37	6313.14	1705.66	-2104.91	1249.73	

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	164.75	1500.00	0.00	0.00	0.00	
Hold		3506.35	30.10	164.75	3415.35	247.44	-496.79	135.45	1.50
KOP, Build/Turn 10 DLS		6251.60	30.10	164.75	5790.53	908.95	-1824.88	497.57	0.00
Hold 200' @ 65° INC		6790.82	65.00	104.17	6165.86	1243.30	-2030.54	792.11	10.00
KOP, Build 10 DLS to Landing		6990.82	65.00	104.17	6250.38	1424.54	-2074.91	967.86	0.00
Landing Point, Hold to TD		7284.34	90.25	88.74	6313.14	1705.64	-2104.90	1249.72	9.99
7" Casing Point		7285.00	90.25	88.74	6313.14	1706.28	-2104.89	1250.39	0.00
Anderson Fed-8-59-6-2124CDE BHL		14190.78	90.25	88.74	6283.00	8385.08	-1953.12	8154.44	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)

