

Borehole:	Well:	Field:	Structure:
Original Hole	Anderson Fed-8-59-6-2124CE	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 0.66	Northing:	1501337.26ftUS	Grid Conv:	0.9552°	Slot:	Anderson Fed-8-59-6-2124CE	TVD Ref:	KB 18ft(4893ft above MSL)	
MagDec:	8.048°	FS:	52753.746nT	Gravity FS:	999.082mgn (9.80665 Based)	Lon:	W 104 1 17.85	Easting:	3409900.66ftUS	Scale Fact:	0.99998756	Plan:	Anderson Fed-8-59-6-2124CE R0 mdv 13Apr16			

Northing: 1501337.255		Easting: 3409900.663		Latitude: N 40 42 0.66		Longitude: W 104 1 17.85		VSec Azimuth: 100.779	
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	-1156.40	4120.42	-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	-1156.40	4120.42	-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	-1156.40	4120.42	-392.72	
Pad 4	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4893.00	-1156.40	4120.42	-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	-1156.40	4120.42	-392.72	
Anderson Fed-8-59-6-2124CE BHL	N 40 41 43.96	W 103 59 32.32	1499784.55	34118056.20	6201.00	8302.15	-1552.73	8155.66	
Anderson Fed-8-59-6-2124CE LP	N 40 41 43.61	W 104 1 2.00	1499632.37	3411149.78	6231.00	1545.95	-1704.91	1249.14	

Critical Point		Critical Points							
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	161.44	1500.00	0.00	0.00	0.00		
Hold	3166.85	25.00	161.44	3114.45	175.37	-339.35	113.92	1.50	
KOP, Build/Turn 10 DLS	6008.18	25.00	161.44	5689.51	763.74	-1477.83	496.10	0.00	
Hold 200' @ 65° INC	6559.52	65.00	100.94	6087.01	1096.77	-1649.15	802.50	10.00	
KOP, Build 10 DLS to Landing	6759.52	65.00	100.94	6171.53	1278.03	-1683.57	980.46	0.00	
Landing Point, Hold to TD	7038.27	90.25	88.74	6231.00	1545.96	-1704.91	1249.13	10.00	
7" Casing Point	7039.00	90.25	88.74	6231.00	1546.68	-1704.89	1249.87	0.00	
Anderson Fed-8-59-6-2124CE BHL	13946.53	90.25	88.74	6201.00	8302.15	-1552.73	8155.66	0.00	

Proposal
Rev 0



Grid
True
Mag
Grid North
Tot Corr (M->G 7.093°)
Mag Dec (8.048°)
Grid Conv (0.955°)

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

