Crescent Point Energy

Schlumberger

Borehole:	Well:	Field:	Structure:
Original Hole	Shull Fed-9-59-31-2825BE	CO, Weld County (NAD 83 NZ)	31-09N-59W (Anderson-Shull Pad 2)

Gravity & Magnetic Parameters

Model:	HDGM 2015	Dip:	67.143°	Date:	13-Apr-2016
MagDec:	8.043°	FS:	52778.965nT	Gravity FS:	999.082mgn (9.80665 Based)

Surface Location NAD83 Colorado State Plane, Northern Zone, US Feet

Lat:	N 40 42 32.71	Northing:	1504575.33ftUS	Grid Conv:	0.9545°
Lon:	W 104 1 21.79	Easting:	3409542.94ftUS	Scale Fact:	0.9999888

Miscellaneous

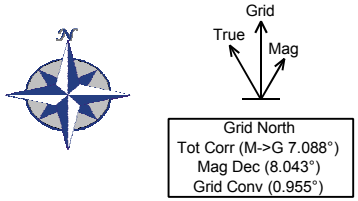
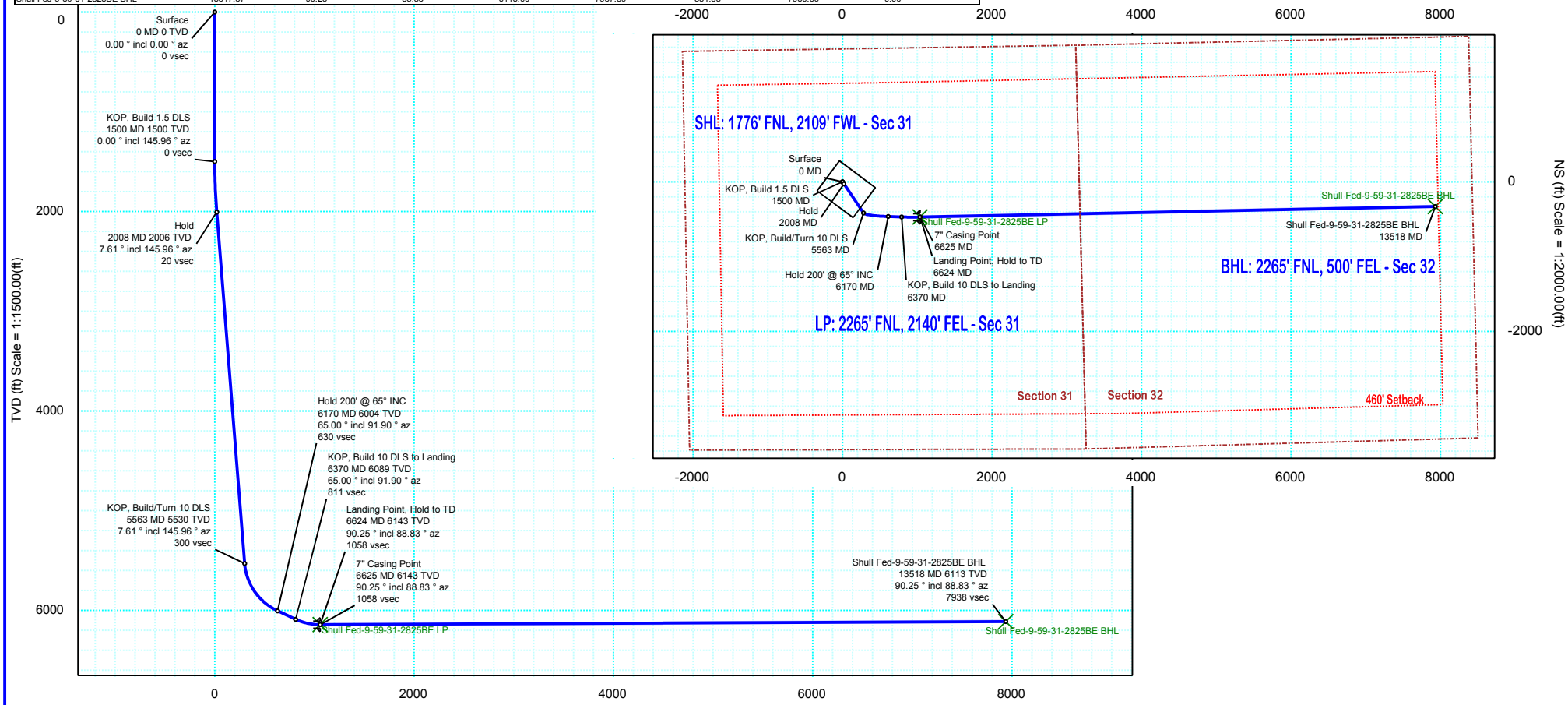
Slot:	Shull Fed-9-59-31-2825BE	TVD Ref:	KB 18ft(4898ft above MSL)
Plan:	Shull Fed-9-59-31-2825BE R0 mdv 13Apr16		

Surface Location

Northing: 1504575.327 Easting: 3409542.942 Latitude: N 40 42 32.71 Longitude: W 104 1 21.79 VSec Azimuth: 92.394

Target Description	Grid Coord						Local Coord	
Target Name	Latitude	Longitude	Northing	Easting	TVD	VSec	N(+)/S(-)	E(+)/W(-)
Anderson-Shull Pad Sec 31-32 - 460' Setback	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4898.00	-71.82	882.30	-35.00
Pad 2	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4898.00	-71.82	882.30	-35.00
Anderson-Shull Pad Sec 31-9N-59W	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4898.00	-71.82	882.30	-35.00
Anderson-Shull Pad Sec 32-9N-59W	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4898.00	-71.82	882.30	-35.00
Shull Fed-9-59-31-2825BE BHL	N 40 42 28.12	W 103 59 38.90	1504243.75	3417473.50	6113.00	7937.59	-331.58	7930.66
Shull Fed-9-59-31-2825BE LP	N 40 42 27.87	W 104 1 8.41	1504102.89	3410581.73	6143.00	1057.63	-472.44	1038.80

Critical Points

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	145.96	1500.00	0.00	0.00	0.00	0.00
Hold	2007.62	7.61	145.96	2006.13	20.00	-27.91	18.85	1.50
KOP, Build/Turn 10 DLS	5562.95	7.61	145.96	5530.11	299.80	-418.27	282.57	0.00
Hold 200' @ 65° INC	6169.96	65.00	91.90	6004.42	630.24	-465.19	611.34	10.00
KOP, Build 10 DLS to Landing	6369.96	65.00	91.90	6088.94	811.49	-471.20	792.50	0.00
Landing Point, Hold to TD	6624.20	90.25	88.83	6143.00	1057.63	-472.44	1038.80	10.00
7" Casing Point	6625.00	90.25	88.83	6143.00	1058.42	-472.42	1039.60	0.00
Shull Fed-9-59-31-2825BE BHL	13517.57	90.25	88.83	6113.00	7937.59	-331.58	7930.66	0.00

Proposal
Rev 0