Crescent Point Energy

Schlumberger

Borehole:	Well:	Field:	Structure:
Original Hole	Shull Fed-9-59-31-2124CE2	CO, Weld County (NAD 83 NZ)	31-09N-59W (Anderson-Shull Pad 1)

Gravity & Magnetic Parameters

Model:	HDGM 2015	Dip:	67.142°	Date:	13-Apr-2016
MagDec:	8.028°	FS:	52770.311nT	Gravity FS:	999.083mgn (9.80665 Based)

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

Lat:	N 40 42 39.70	Northing:	1505285.55ftUS	Grid Conv:	0.955°
Lon:	W 104 1 19.31	Easting:	3409722.45ftUS	Scale Fact:	0.99998907

Miscellaneous

Slot:	Shull Fed-9-59-31-2124CE2	TVD Ref:	KB 18ft(4923ft above MSL)
Plan:	Shull Fed-9-59-31-2124CE2 R0 mdv 13Apr16		

Surface Location

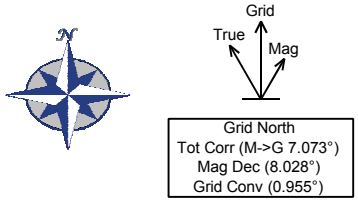
Northing:	1505285.553	Easting:	3409722.454	Latitude:	N 40 42 39.70	Longitude:	W 104 1 19.31	VSec Azimuth:	95.471

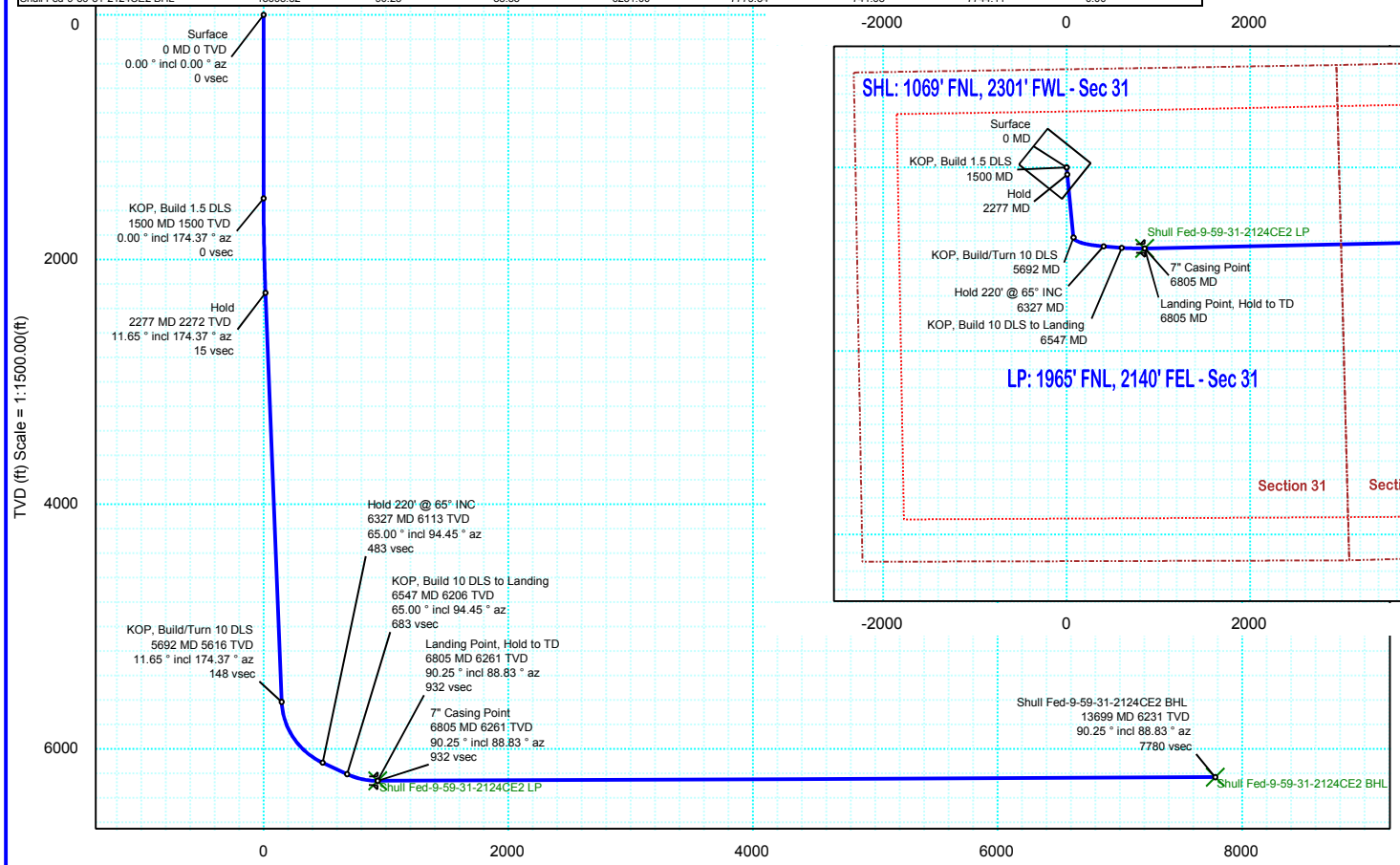
Target Description	Grid Coord						Local Coord	
Target Name	Latitude	Longitude	Northing	Easting	TVD	VSec	N(+)/S(-)	E(+)/W(-)
Pad 1								
Anderson-Shull Pad Sec 6-8N-59W - 460' Setback	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4923.00	-229.94	172.07	-214.51
Anderson-Shull Pad Sec 31-32 - 460' Setback	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4923.00	-229.94	172.07	-214.51
Anderson-Shull Pad Sec 31-9N-59W	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4923.00	-229.94	172.07	-214.51
Anderson-Shull Pad Sec 32-9N-59W	N 40 42 41.43	W 104 1 22.06	1505457.62	3409507.95	4923.00	-229.94	172.07	-214.51
Shull Fed-9-59-31-2124CE2 BHL	N 40 42 31.08	W 103 59 38.93	1504543.88	3417466.46	6231.00	7779.54	-741.68	7744.11
Shull Fed-9-59-31-2124CE2 LP	N 40 42 30.83	W 104 1 8.44	1504402.65	3410574.23	6261.00	932.08	-882.92	851.78

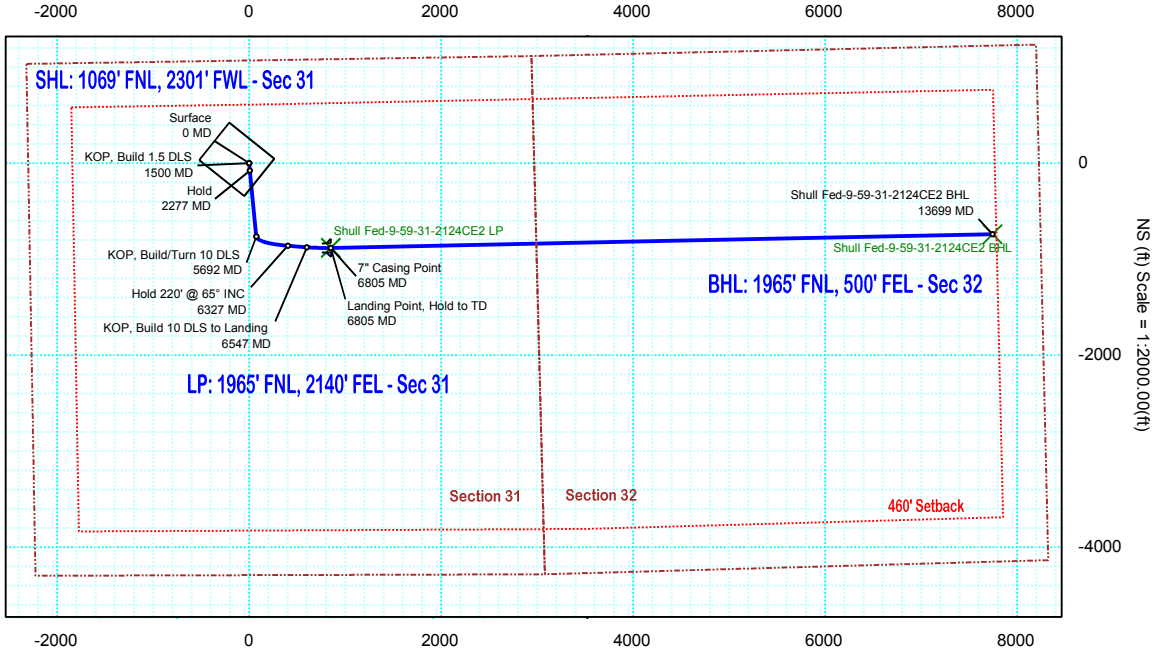
Critical Points

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	174.37	1500.00	0.00	0.00	0.00	0.00
Hold	2276.86	11.65	174.37	2271.52	15.16	-78.35	7.73	1.50
KOP, Build/Turn 10 DLS	5691.55	11.65	174.37	5615.83	148.01	-764.72	75.45	0.00
Hold 220' @ 65° INC	6326.71	65.00	94.44	6113.07	483.20	-860.93	402.95	10.00
KOP, Build 10 DLS to Landing	6546.71	65.00	94.44	6206.05	682.55	-876.38	601.74	0.00
Landing Point, Hold to TD	6804.99	90.25	88.83	6261.00	932.08	-882.91	851.78	10.00
7" Casing Point	6805.00	90.25	88.83	6261.00	932.09	-882.91	851.80	0.00
Shull Fed-9-59-31-2124CE2 BHL	13698.82	90.25	88.83	6231.00	7779.54	-741.68	7744.11	0.00

Proposal
Rev 0







Vertical Section (ft) Azim = 95.471° Scale = 1:1500.00(ft) Origin = 0N/-S, 0E/-W