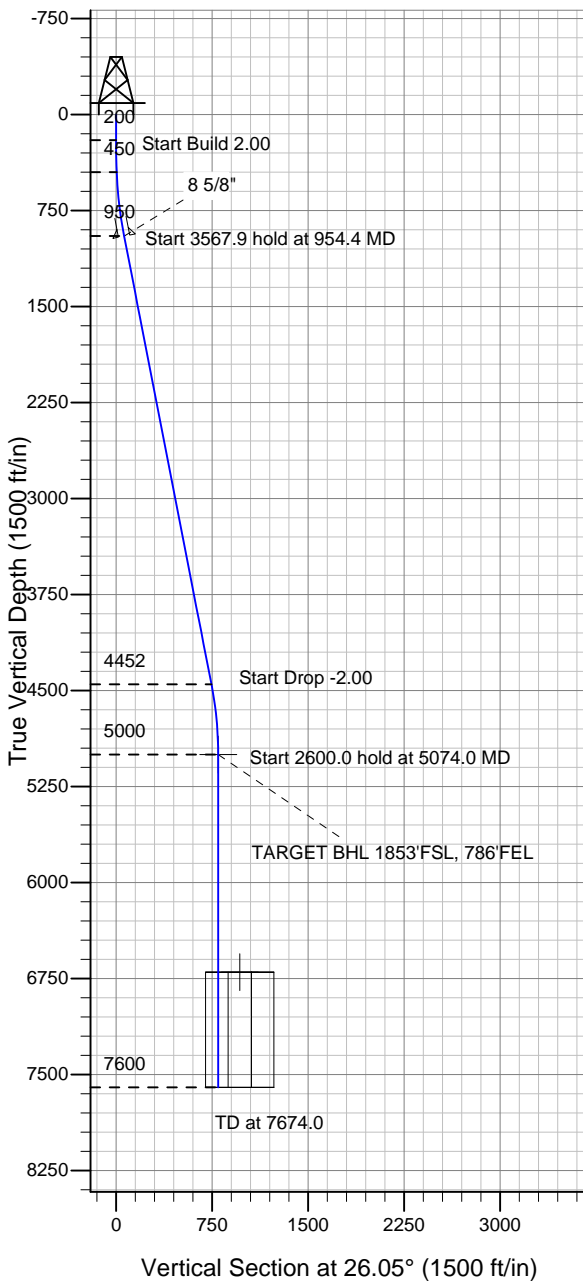


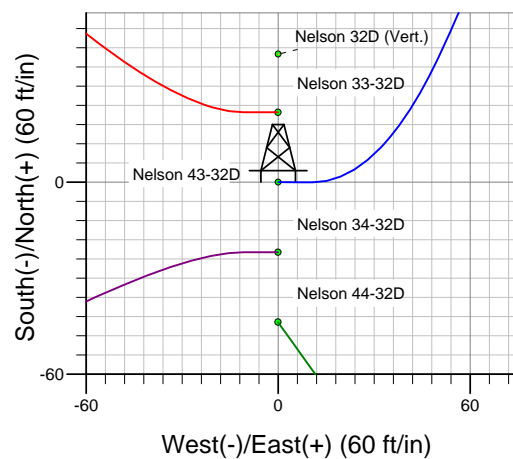
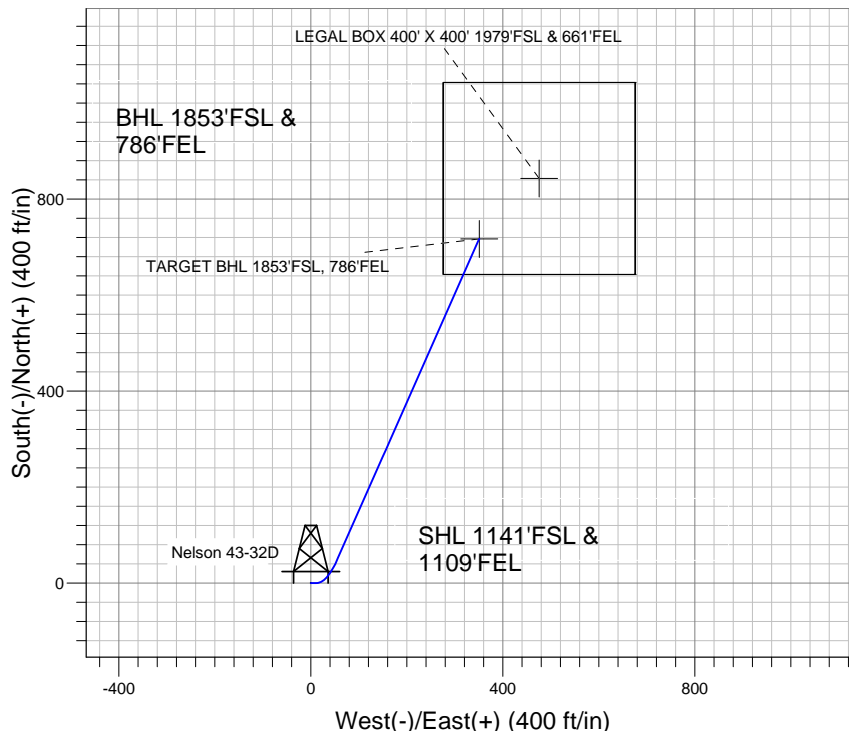
EN SIGN Directional

Well Name: Nelson 43-32D

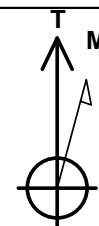
Surface Location: Nelson 33-32D Pad Sec.32-T7N-R66W
 North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
 Ground Elevation: 4860.0
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1435570.28 3195173.99 40° 31' 36.912 N 104° 47' 52.440 W
 Original Well Elev WELL @ 4873.0ft (Original Well Elev)



PETROLEUM DEVELOPMENT CORP Weld County CO



Nelson 33-32D Pad Sec.32-T7N-R66W
 Nelson 43-32D
 Plan #2 (1-31-11)
 16:57, February 04 2011



Azimuths to True North
 Magnetic North: 8.95°

Magnetic Field
 Strength: 53236.8snT
 Dip Angle: 67.16°
 Date: 1/18/2011
 Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 1853'FSL, 786'FEL	5000.0	716.9	350.4	40° 31' 43.996 N	104° 47' 47.902 W	Point
LEGAL BOX 400' X 400' 1979'FSL & 661'FEL	6700.0	842.9	475.4	40° 31' 45.241 N	104° 47' 46.283 W	Rectangle (Sides: L400.0 W400.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.0	
3	450.0	5.00	90.00	449.7	0.0	10.9	2.00	90.00	4.8	
4	954.4	11.03	23.89	949.8	44.2	52.5	2.00	-92.73	62.8	
5	4522.4	11.03	23.89	4451.8	668.5	329.0	0.00	0.00	745.1	
6	5074.0	0.00	0.00	5000.0	716.9	350.4	2.00	180.00	798.0	TARGET BHL 1853'FSL, 786'FEL
7	7674.0	0.00	0.00	7600.0	716.9	350.4	0.00	0.00	798.0	