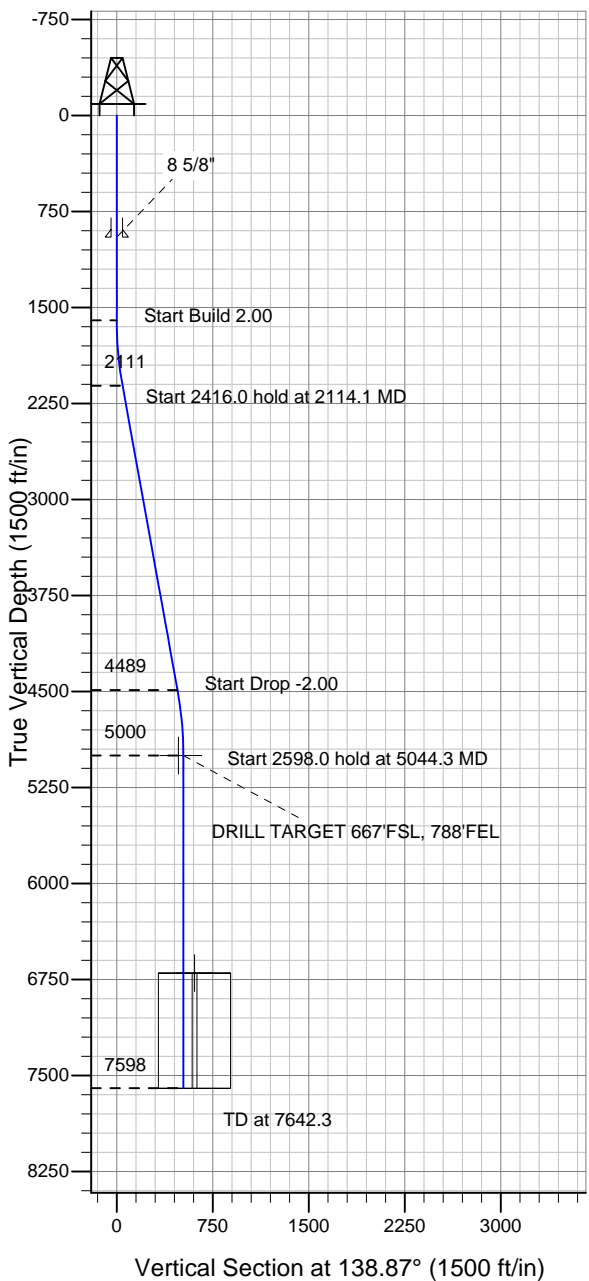
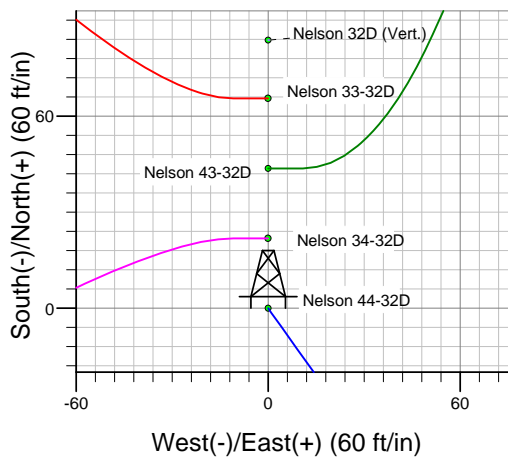
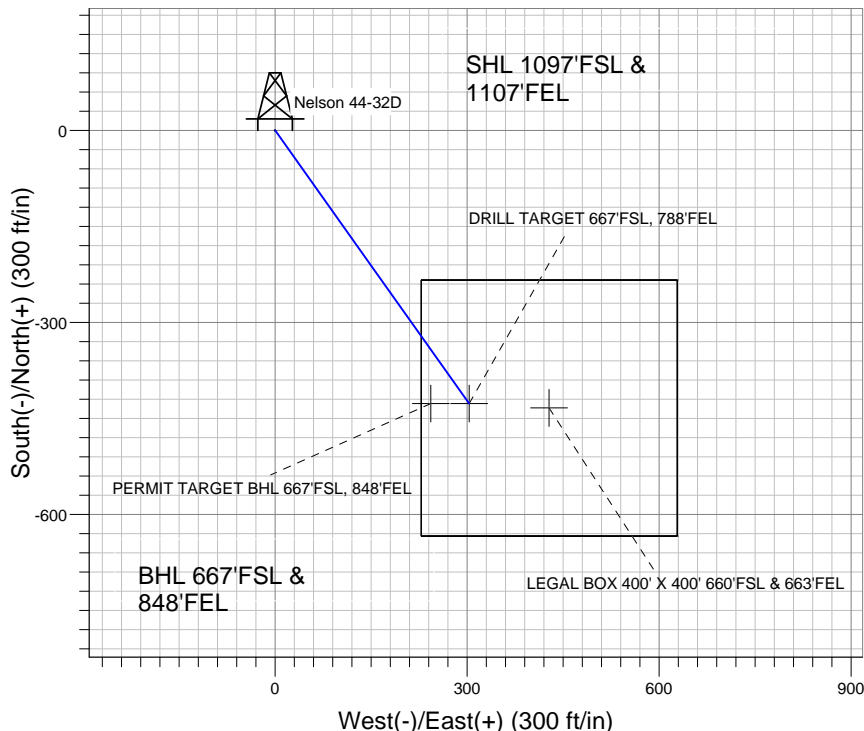


Well Name: Nelson 44-32D

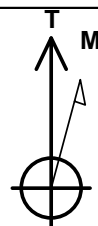
Surface Location: Nelson 33-32D Pad Sec.32-T7N-R66W
 North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
 Ground Elevation: 4860.0
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1435526.57 3195174.34 40° 31' 36.480 N 104° 47' 52.440 W
 Original Well Elev WELL @ 4873.0ft (Original Well Elev)



PETROLEUM DEVELOPMENT CORP Weld County CO



Nelson 33-32D Pad Sec.32-T7N-R66W
 Nelson 44-32D
 Plan #2 (1-31-11)
 17:05, February 04 2011



Azimuths to True North
 Magnetic North: 8.95°

Magnetic Field
 Strength: 53237.1snT
 Dip Angle: 67.16°
 Date: 1/17/2011
 Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
DRILL TARGET 667'FSL, 788'FEL	5000.0	-426.6	303.1	40° 31' 32.264 N	104° 47' 48.515 W	Point
PERMIT TARGET BHL 667'FSL, 848'FEL	5000.0	-426.6	243.1	40° 31' 32.265 N	104° 47' 49.292 W	Point
LEGAL BOX 400' X 400' 660'FSL & 663'FEL	6700.0	-433.6	428.1	40° 31' 32.195 N	104° 47' 46.896 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	1600.0	0.00	0.00	1600.0	0.0	0.0	0.00	0.00	0.0	
3	2114.1	10.28	144.61	2111.4	-37.5	26.7	2.00	144.61	45.8	
4	4530.2	10.28	144.61	4488.6	-389.1	276.4	0.00	0.00	474.9	
5	5044.3	0.00	0.00	5000.0	-426.6	303.1	2.00	180.00	520.7	DRILL TARGET 667'FSL, 788'FEL
6	7642.3	0.00	0.00	7598.0	-426.6	303.1	0.00	0.00	520.7	