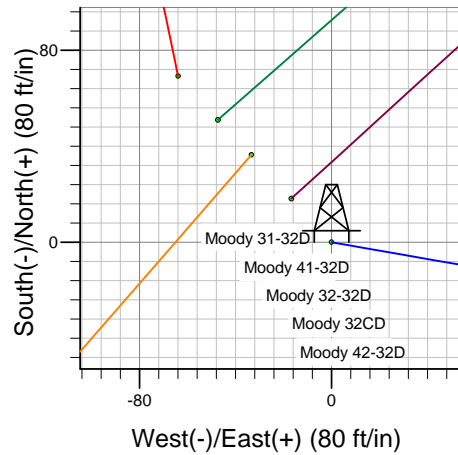
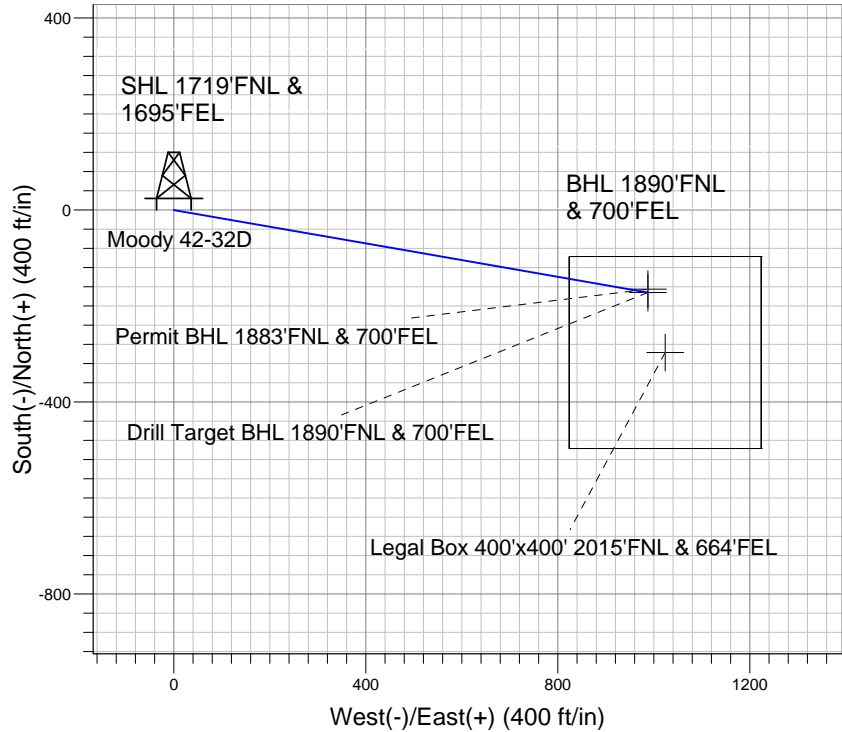
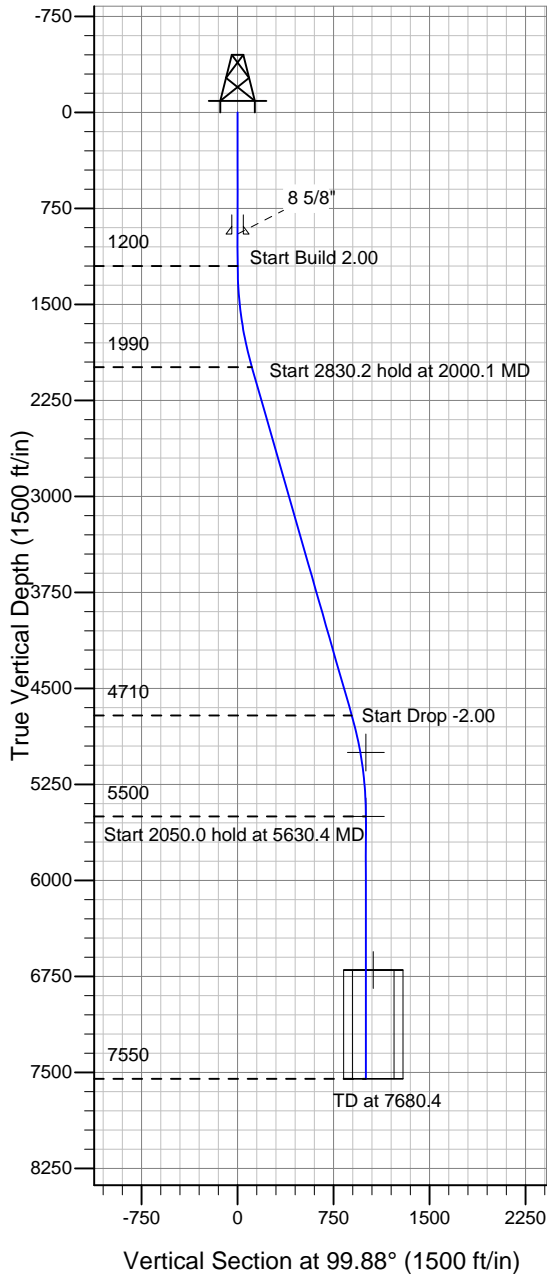


Well Name: Moody 42-32D

Surface Location: Moody 31-32D Pad Sec.32-T7N-R66W
 North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
 Ground Elevation: 4890.0
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1438021.89 3194679.25 40° 32' 1.176 N 104° 47' 58.596 W
 Original Well Elev WELL @ 4903.0ft (Original Well Elev)

PETROLEUM DEVELOPMENT CORP Weld County CO



Moody 42-32D
 Plan#1 (7-26-10)
 13:06, August 16 2010



Azimuths to True North
 Magnetic North: 9.05°
 Magnetic Field
 Strength: 53369.8snT
 Dip Angle: 67.21°
 Date: 12/31/2009
 Model: IGRF200510

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Permit BHL 1883'FNL & 700'FEL	5000.0	-164.9	987.4	40° 31' 59.546 N	104° 47' 45.809 W	Point
Drill Target BHL 1890'FNL & 700'FEL	5500.0	-171.9	987.3	40° 31' 59.477 N	104° 47' 45.809 W	Point
Legal Box 400'x400' 2015'FNL & 664'FEL	6700.0	-296.9	1023.4	40° 31' 58.242 N	104° 47' 45.342 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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	2000.1	16.00	99.88	1989.7	-19.0	109.4	2.00	99.88	111.0	
4	4830.3	16.00	99.88	4710.3	-152.9	878.0	0.00	0.00	891.2	
5	5630.4	0.00	0.00	5500.0	-171.9	987.3	2.00	180.00	1002.2	Drill Target BHL 1890'FNL & 700'FEL
6	7680.4	0.00	0.00	7550.0	-171.9	987.3	0.00	0.00	1002.2	