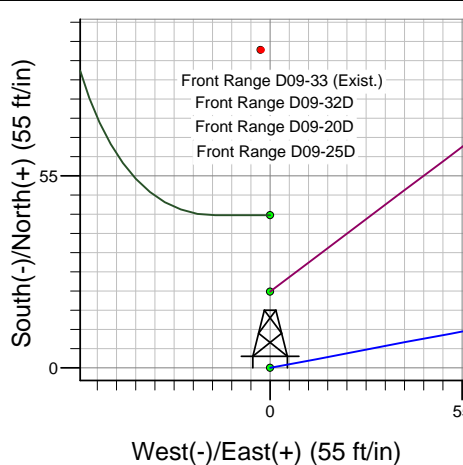
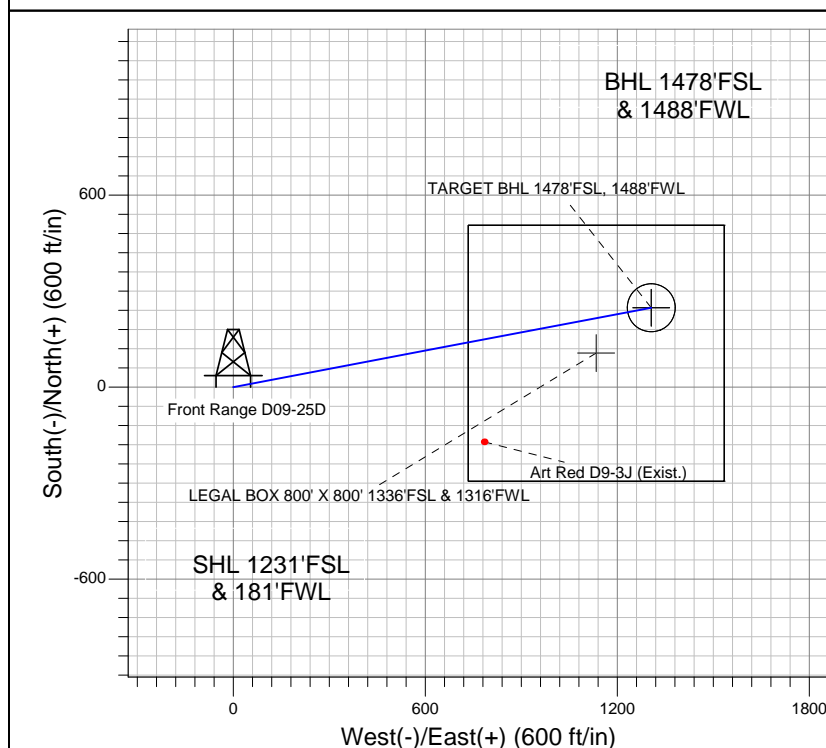
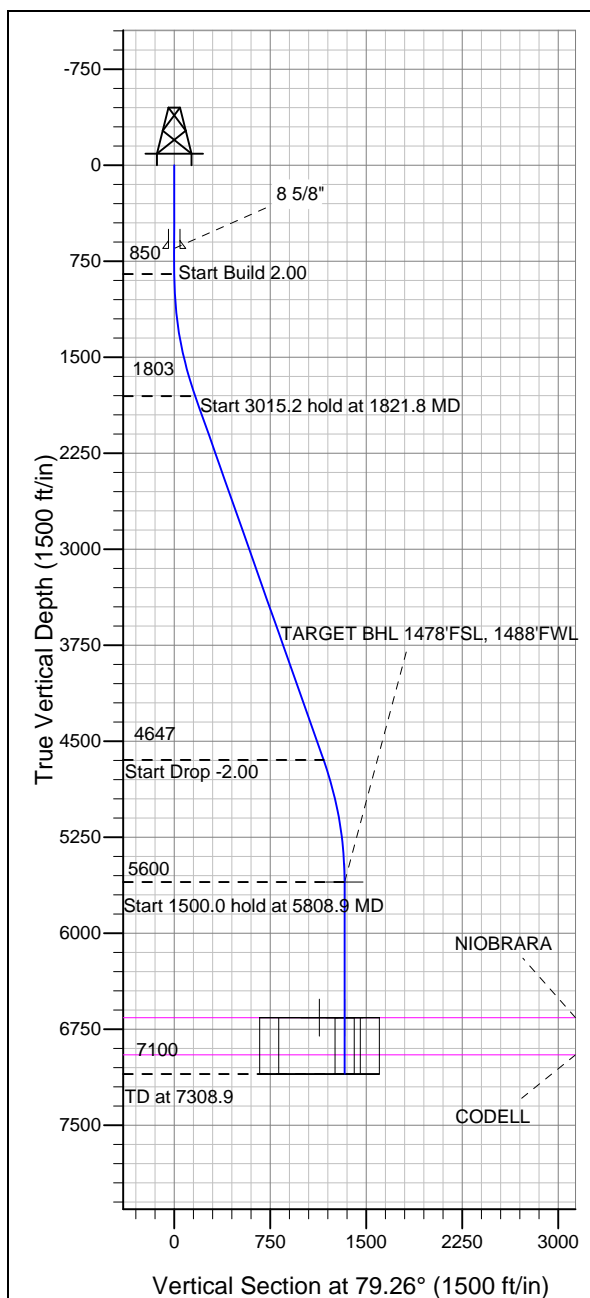


Well Name: Front Range D09-25D

Surface Location: Front Range D09-25D Pad Sec.9-T3N-R64W
North American Datum 1983, US State Plane 1983 Colorado Northern Zone
Ground Elevation: 4737.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1330215.09	3261065.56	40.236060	-104.564880	
		Original Well Elev	WELL @ 4750.0ft (Original Well Elev)			

NOBLE ENERGY INC WELD COUNTY CO



Front Range D09-25D Pad Sec.9-T3N-R64W
Front Range D09-25D
Noble Front Range D09-25D Plan #1 (2-06-12)
10:08, February 08 2012



Azimuths to True North
Magnetic North: 8.66°
Magnetic Field
Strength: 52999.3snT
Dip Angle: 66.93°
Date: 2/6/2012
Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 1478'FSL, 1488'FWL	5600.0	247.8	1306.6	40.236740	-104.560200	Point
LEGAL BOX 800' X 800' 1336'FSL & 1316'FWL	6660.0	105.8	1134.6	40.236350	-104.560816	Rectangle (Sides: L800.0 W800.0)
TARGET CIRCLE 1478'FSL & 1488'FWL	6660.0	247.8	1306.6	40.236740	-104.560200	Circle (Radius: 75.0)

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	850.0	0.00	0.00	850.0	0.0	0.0	0.00	0.00	0.0	
3	1821.8	19.44	79.26	1803.3	30.4	160.4	2.00	79.26	163.3	
4	4837.1	19.44	79.26	4646.7	217.3	1146.2	0.00	0.00	1166.6	
5	5808.9	0.00	0.00	5600.0	247.8	1306.6	2.00	180.00	1329.9	
6	7308.9	0.00	0.00	7100.0	247.8	1306.6	0.00	0.00	1329.9	TARGET BHL 1478'FSL, 1488'FWL