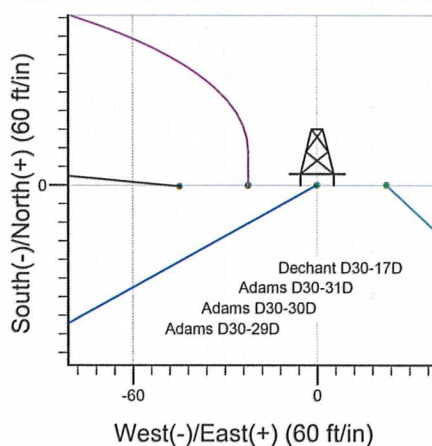
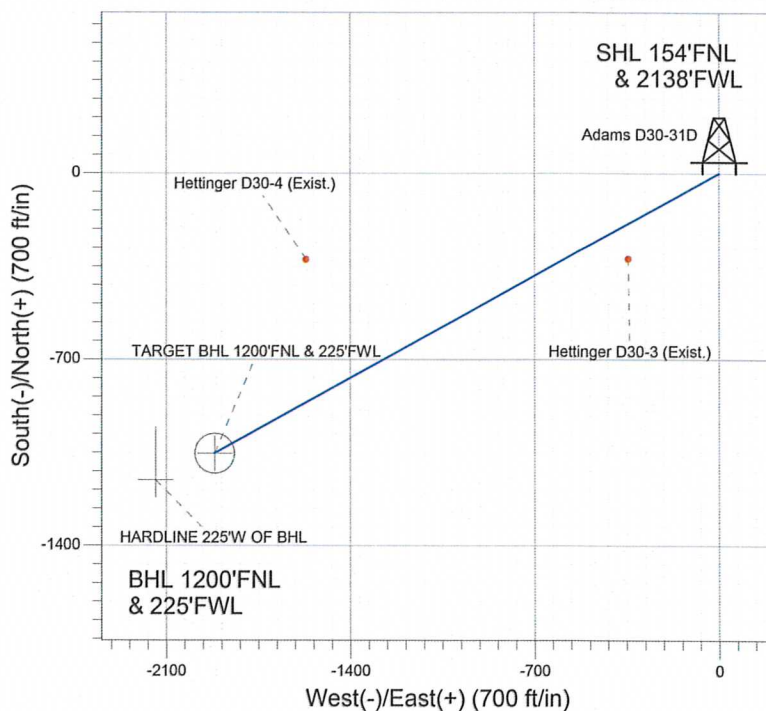
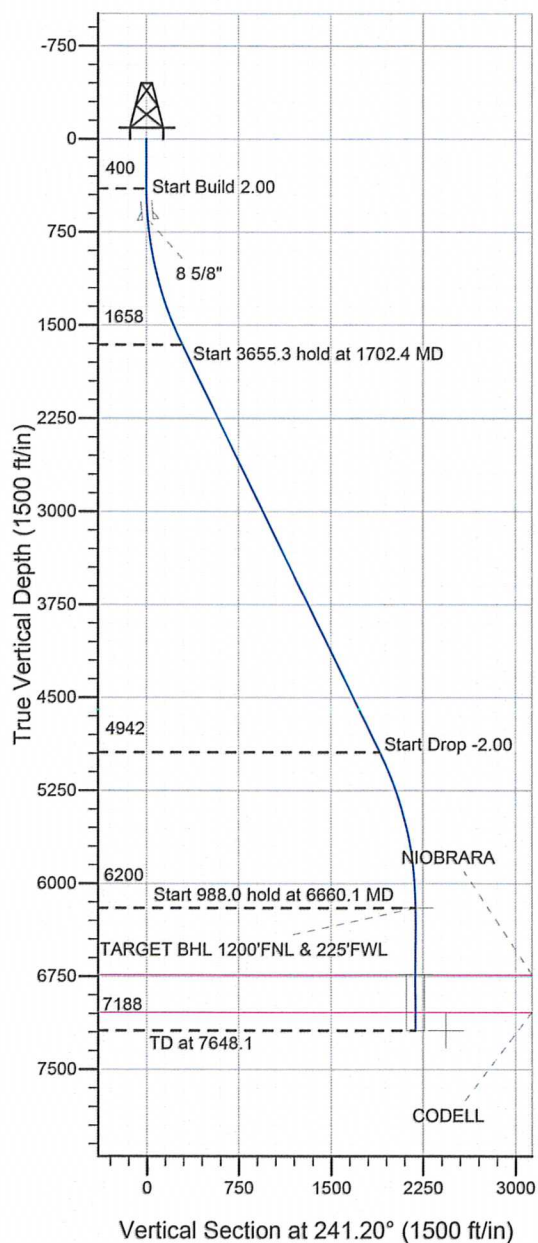


Well Name: Adams D30-31D

Surface Location: Dechant D30-17D Pad Sec.30-T3N-R64W
North American Datum 1983 , US State Plane 1983Colorado Northern Zone
Ground Elevation: 4782.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1318082.43	3252755.35	40.202993	-104.595088	
		Original Well Elev	WELL @ 4795.0ft (Original Well Elev)			

NOBLE ENERGY INC WELD COUNTY CO



Dechant D30-17D Pad Sec.30-T3N-R64W
Adams D30-31D
Noble Adams D30-31D Plan #1 (3-6-12)
13:08, March 14 2012



Azimuths to True North
Magnetic North: 8.66°
Magnetic Field
Strength: 52968.0nT
Dip Angle: 66.89°
Date: 3/13/2012
Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 1200'FNL & 225'FWL	6200.0	-1053.5	-1916.6	40.200101	-104.601949	Point
TARGET CIRCLE 1200'FNL & 225'FWL	6736.0	-1053.5	-1916.6	40.200101	-104.601949	Circle (Radius: 75.0')
HARDLINE 225'W OF BHL	7188.0	-1153.5	-2141.6	40.199826	-104.602754	Polygon

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
2	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0
3	1702.4	26.05	241.20	1658.0	-140.2	-255.0	2.00	241.20	291.0
4	5357.7	26.05	241.20	4942.0	-913.3	-1661.6	0.00	0.00	1896.1
5	6660.1	0.00	0.00	6200.0	-1053.5	-1916.6	2.00	180.00	2187.0
6	7648.1	0.00	0.00	7188.0	-1053.5	-1916.6	0.00	0.00	2187.0

TARGET BHL 1200'FNL & 225'FWL