

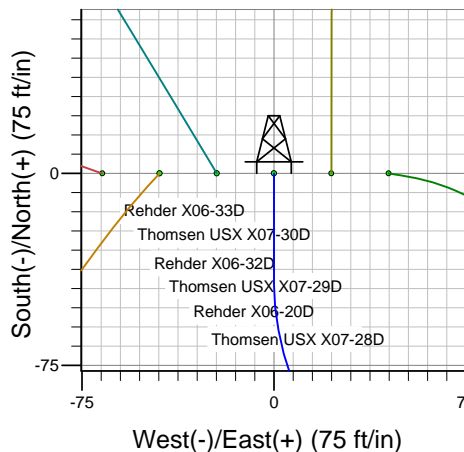
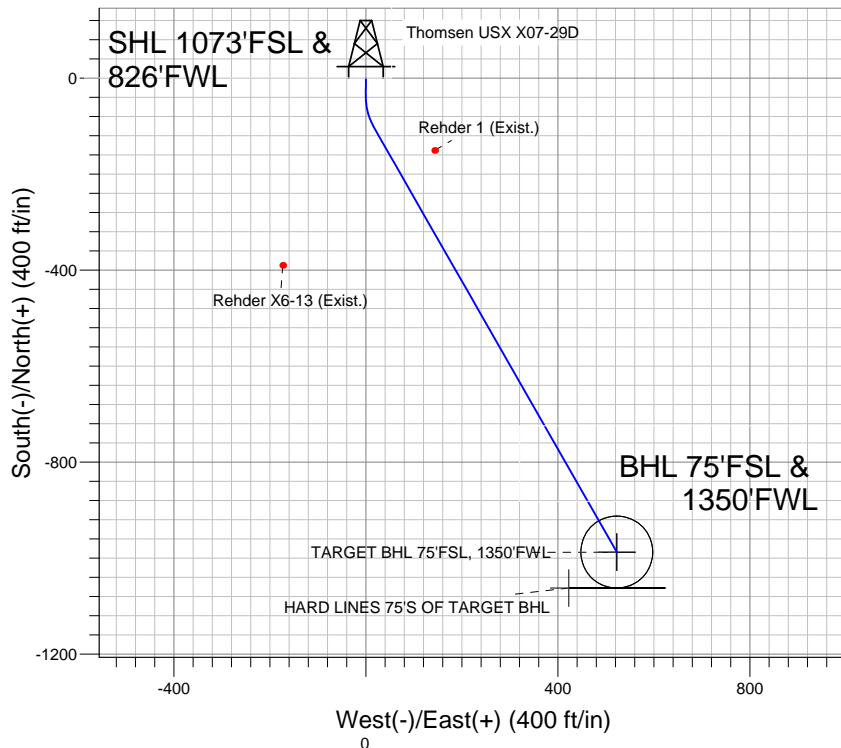
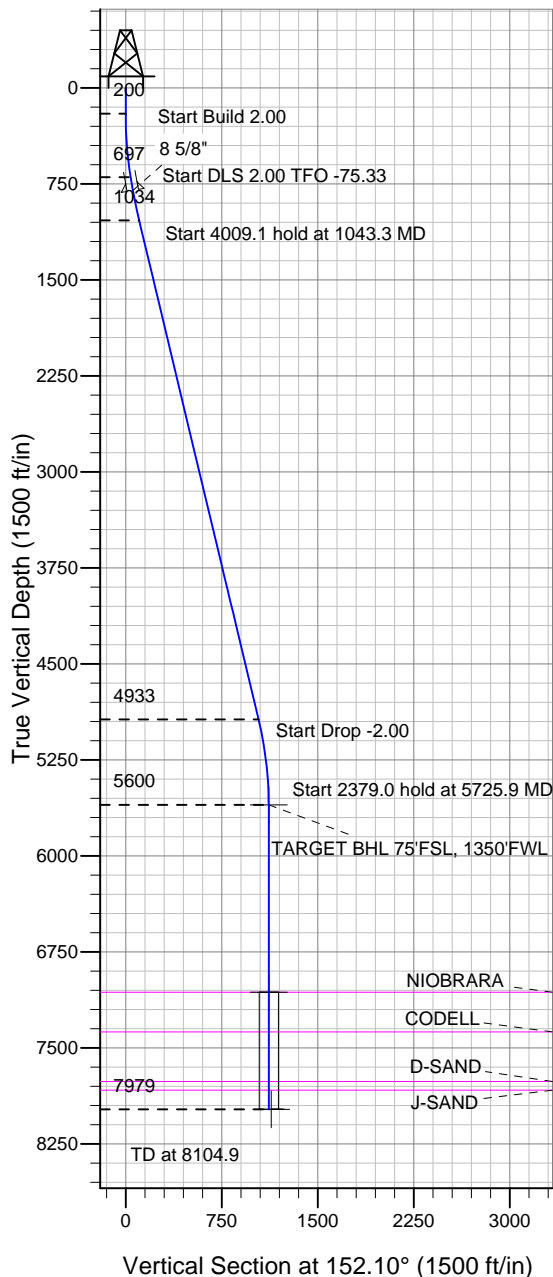
### Well Name: Thomsen USX X07-29D

Surface Location: Rehder X06-33D Pad Sec.6-T2N-R65W  
 North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone  
 Ground Elevation: 4978.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1303262.26	3219981.20	40.163170	-104.712890	

Original Well Elev WELL @ 4991.0ft (Original Well Elev)

### NOBLE ENERGY INC WELD COUNTY CO



Rehder X06-33D Pad Sec.6-T2N-R65W  
 Thomsen USX X07-29D  
 Noble Thomsen USX X07-29D Plan #1 (2-13-12)  
 17:59, February 15 2012



Azimuths to True North  
 Magnetic North: 8.73°  
 Magnetic Field  
 Strength: 52941.1snT  
 Dip Angle: 66.84°  
 Date: 2/13/2012  
 Model: IGRF2010

#### WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 75'FSL, 1350'FWL	5600.0	-987.2	522.7	40.160460	-104.711020	Point
TARGET CIRCLE 75'FSL & 1350'FWL	7065.0	-987.2	522.7	40.160460	-104.711020	Circle (Radius: 75.0)
HARD LINES 75'S OF TARGET BHL	7979.0	-1062.2	422.7	40.160254	-104.711378	Polygon

#### 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	700.0	10.00	180.00	697.5	-43.5	0.0	2.00	180.00	38.5	
4	1043.3	13.47	150.23	1033.8	-108.1	19.9	2.00	-75.33	104.9	
5	5052.4	13.47	150.23	4932.6	-918.8	483.5	0.00	0.00	1038.3	
6	5725.9	0.00	0.00	5600.0	-987.2	522.7	2.00	180.00	1117.1	TARGET BHL 75'FSL, 1350'FWL
7	8104.9	0.00	0.00	7979.0	-987.2	522.7	0.00	0.00	1117.1	