

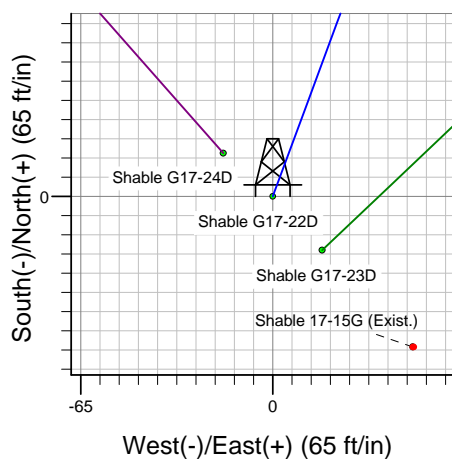
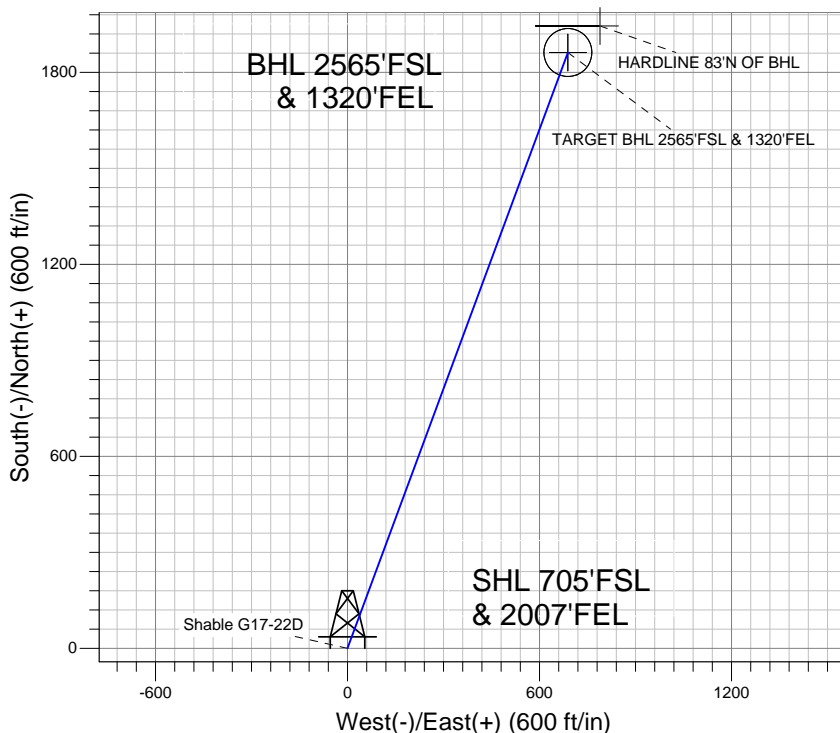
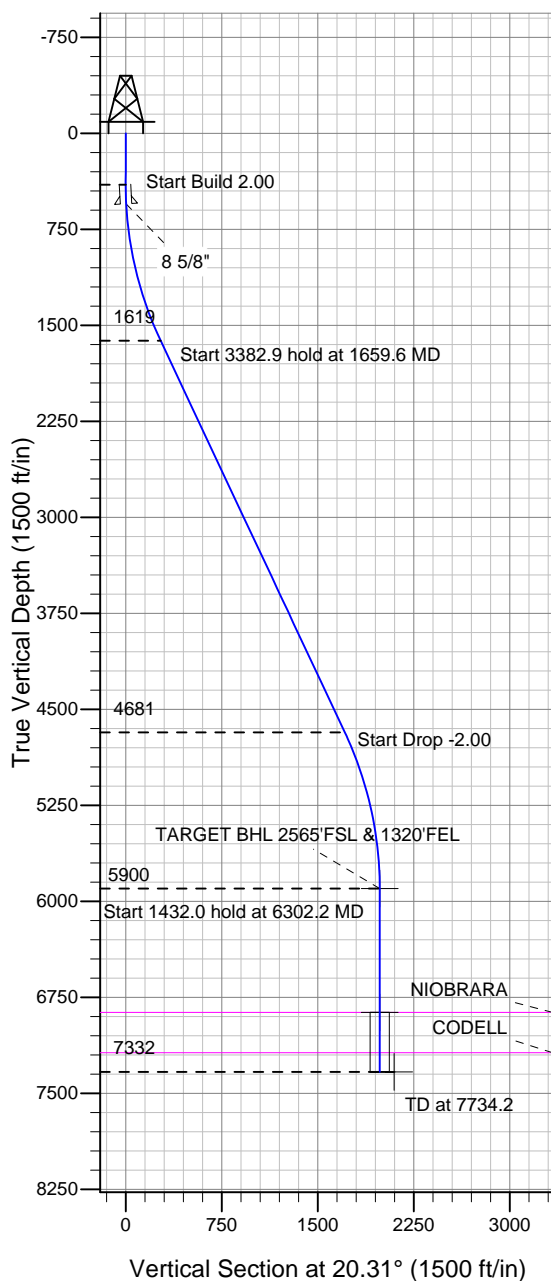
### Well Name: Shable G17-22D

Surface Location: Shable G17-24D Pad Sec.17-T4N-R65W  
 North American Datum 1983, US State Plane 1983 Colorado Northern Zone  
 Ground Elevation: 4759.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1355762.82	3227377.45	40.307100	-104.684700	

Original Well EleWELL @ 4772.0ft (Original Well Elev)

## NOBLE ENERGY INC WELD COUNTY CO



Shable G17-24D Pad Sec.17-T4N-R65W  
 Shable G17-22D  
 Noble Shable G17-22D Plan #1 (9-16-11)  
 17:26, September 19 2011



Azimuths to True North  
 Magnetic North: 8.78°  
 Magnetic Field  
 Strength: 53064.1nT  
 Dip Angle: 66.98°  
 Date: 9/19/2011  
 Model: IGRF2010

### WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 2565'FSL & 1320'FEL	5900.0	1861.6	688.8	40.312210	-104.682230	Point
TARGET CIRCLE 2565'FSL & 1320'FEL	6867.0	1861.6	688.8	40.312210	-104.682230	Circle (Radius: 75.0)
HARDLINE 83°N OF BHL	7332.0	1944.6	788.8	40.312438	-104.681872	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	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	
3	1659.6	25.19	20.31	1619.5	255.6	94.6	2.00	20.31	272.5	
4	5042.5	25.19	20.31	4680.5	1606.1	594.3	0.00	0.00	1712.5	
5	6302.2	0.00	0.00	5900.0	1861.6	688.8	2.00	180.00	1985.0	TARGET BHL 2565'FSL & 1320'FEL
6	7734.2	0.00	0.00	7332.0	1861.6	688.8	0.00	0.00	1985.0	