

### Well Name: Lang AB35-19D

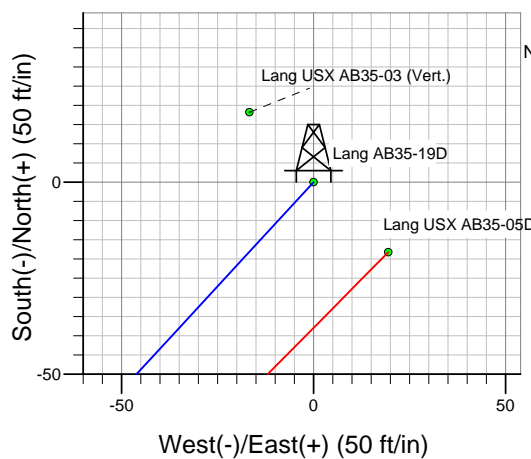
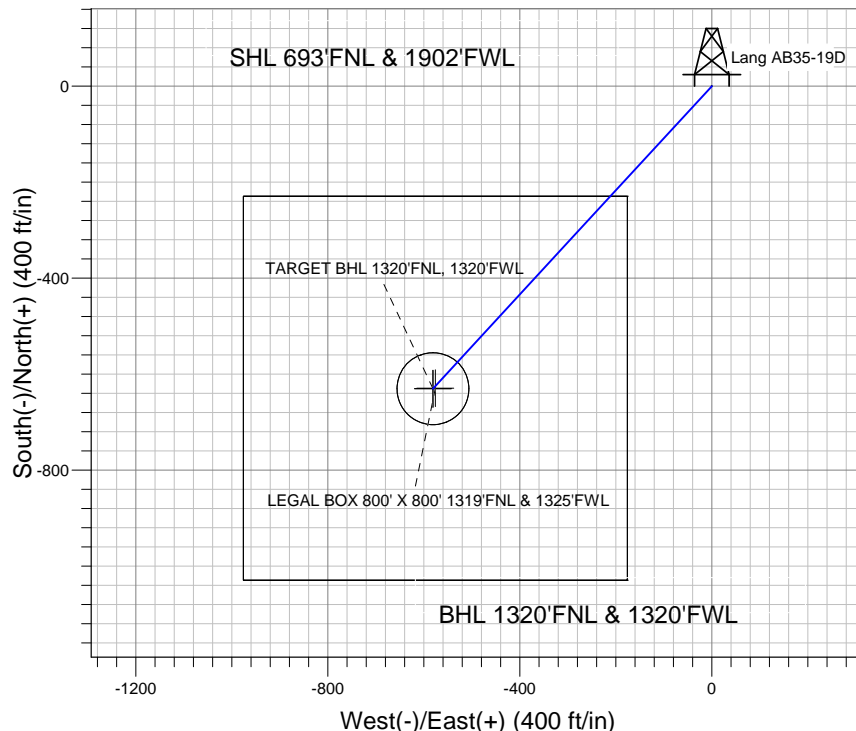
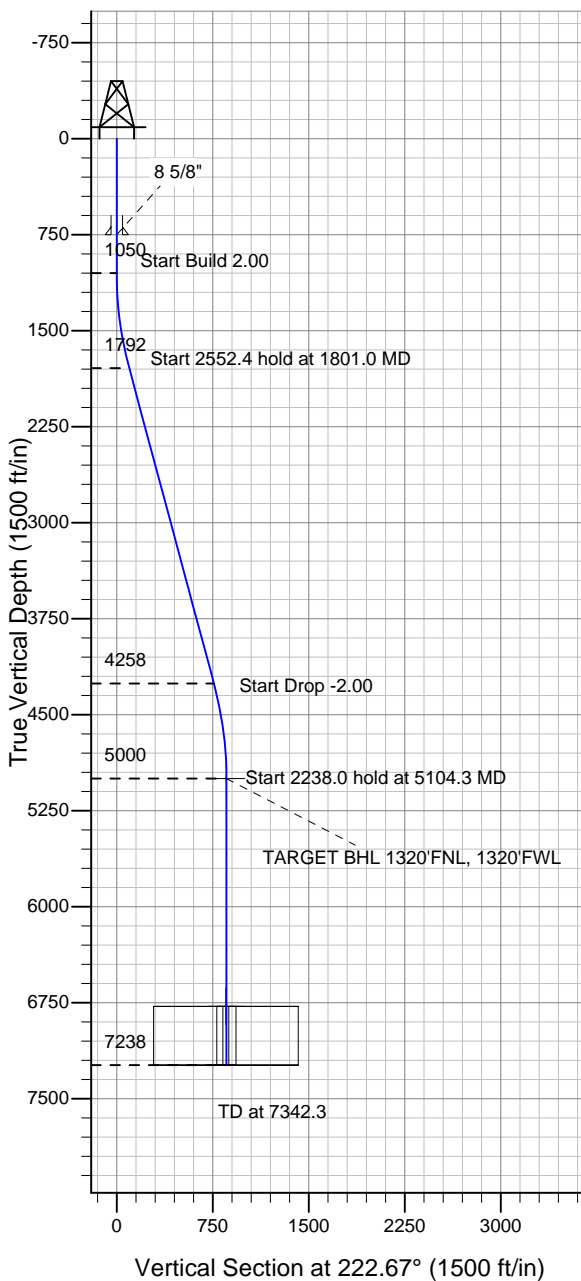
Surface Location: Lang USX AB35-05D Pad Sec.35-T7N-64W  
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 4845.0

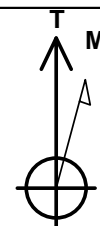
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1439301.35	3272415.49	40.535150	-104.519910	

Original Well Elev WELL @ 4858.0ft (Original Well Elev)

## NOBLE ENERGY INC WELD COUNTY CO



Lang USX AB35-05D Pad Sec.35-T7N-64W  
Lang AB35-19D  
Noble Lang USX AB35-19D Plan #1 (2-24-11)  
16:18, March 09 2011



Azimuths to True North  
Magnetic North: 8.78°

Magnetic Field  
Strength: 53256.7snT  
Dip Angle: 67.21°  
Date: 3/9/2011  
Model: IGRF2010

### WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 1320'FNL, 1320'FWL	5000.0	-630.3	-581.0	40.533420	-104.522000	Point
LEGAL BOX 800' X 800' 1319'FNL & 1325'FWL	6778.0	-629.3	-576.0	40.533423	-104.521982	Rectangle (Sides: L800.0 W800.0)
TARGET CIRCLE 1320'FNL & 1320'FWL	6778.0	-630.3	-581.0	40.533420	-104.522000	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	1050.0	0.00	0.00	1050.0	0.0	0.0	0.00	0.00	0.0	
3	1801.0	15.02	222.67	1792.4	-72.0	-66.3	2.00	222.67	97.9	
4	4353.4	15.02	222.67	4257.6	-558.3	-514.6	0.00	0.00	759.3	
5	5104.3	0.00	0.00	5000.0	-630.3	-581.0	2.00	180.00	857.2	TARGET BHL 1320'FNL, 1320'FWL
6	7342.3	0.00	0.00	7238.0	-630.3	-581.0	0.00	0.00	857.2	