

Well Name: Orr USX A03-15D

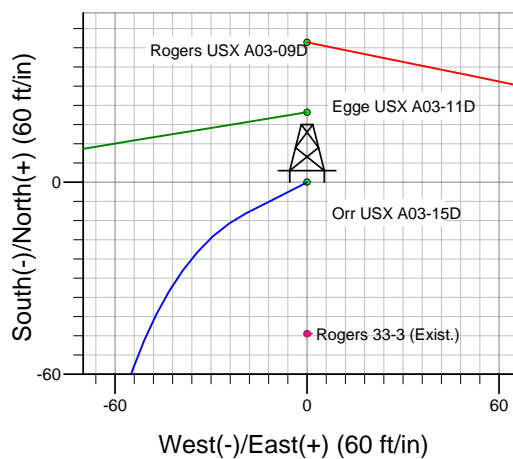
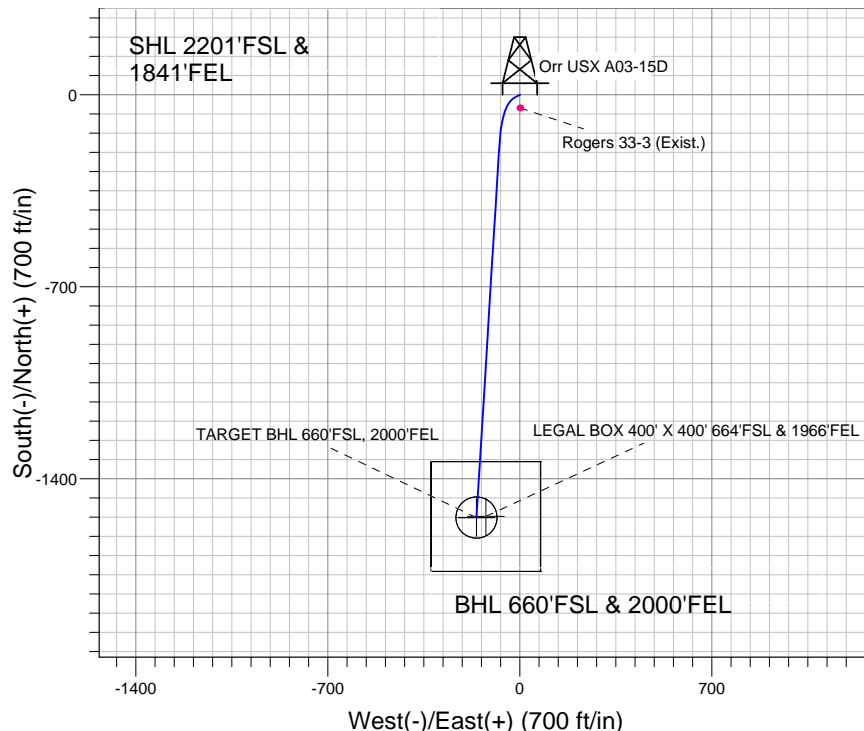
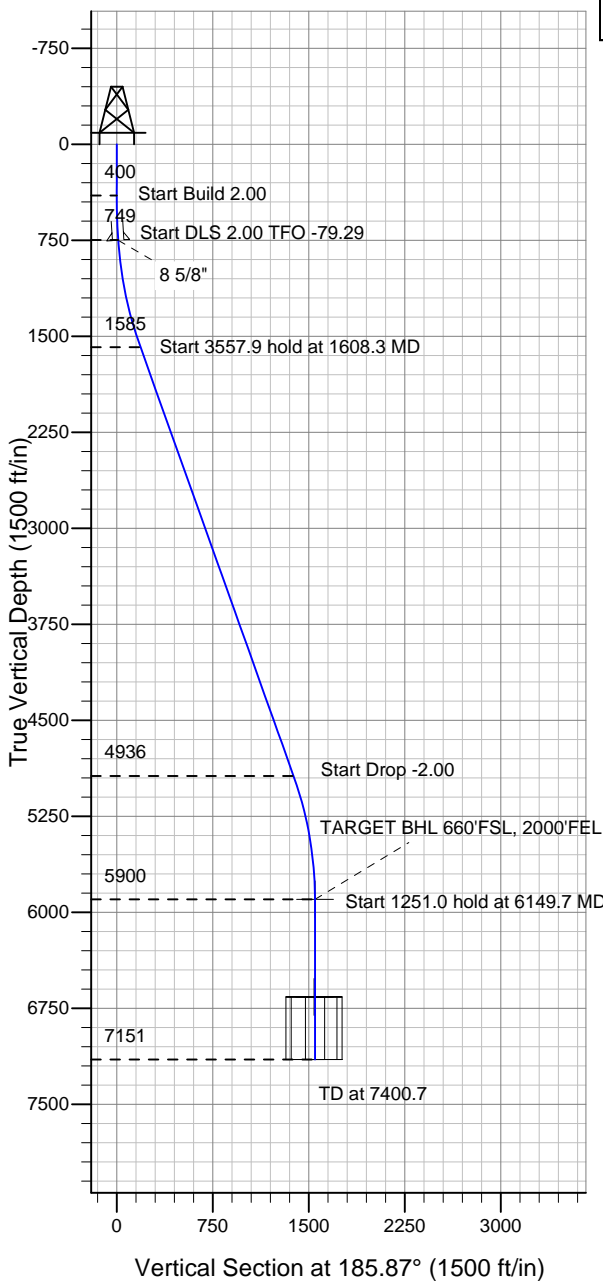
Surface Location: Rogers, Egge, and Orr Pad Sec.3-T6N-R64W
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 4768.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1431563.01	3268766.69	40.514020	-104.533340	

Original Well Elev WELL @ 4781.0ft (Original Well Elev)

NOBLE ENERGY INC WELD COUNTY CO



Rogers, Egge, and Orr Pad Sec.3-T6N-R64W
Orr USX A03-15D
Noble Orr USX A03-15D Plan #1 (6-01-11)
18:00, June 09 2011



Azimuths to True North
Magnetic North: 8.75°

Magnetic Field
Strength: 53220.5nT
Dip Angle: 67.18°
Date: 6/1/2011
Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 660'FSL, 2000'FEL	5900.0	-1541.1	-158.5	40.509790	-104.533910	Point
LEGAL BOX 400' X 400' 664'FSL & 1966'FEL	6661.0	-1537.1	-124.5	40.509801	-104.533788	Rectangle (Sides: L400.0 W400.0)
TARGET CIRCLE 660'FSL & 2000'FEL	6661.0	-1541.1	-158.5	40.509790	-104.533910	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	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	
3	750.0	7.00	243.00	749.1	-9.7	-19.0	2.00	243.00	11.6	
4	1608.3	19.67	183.51	1585.4	-178.9	-74.9	2.00	-79.29	185.6	
5	5166.2	19.67	183.51	4935.7	-1374.2	-148.3	0.00	0.00	1382.2	
6	6149.7	0.00	0.00	5900.0	-1541.1	-158.5	2.00	180.00	1549.2	TARGET BHL 660'FSL, 2000'FEL
7	7400.7	0.00	0.00	7151.0	-1541.1	-158.5	0.00	0.00	1549.2	