

# ENSIGN

## Directional

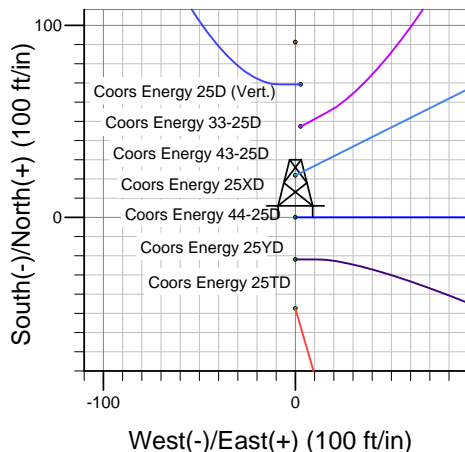
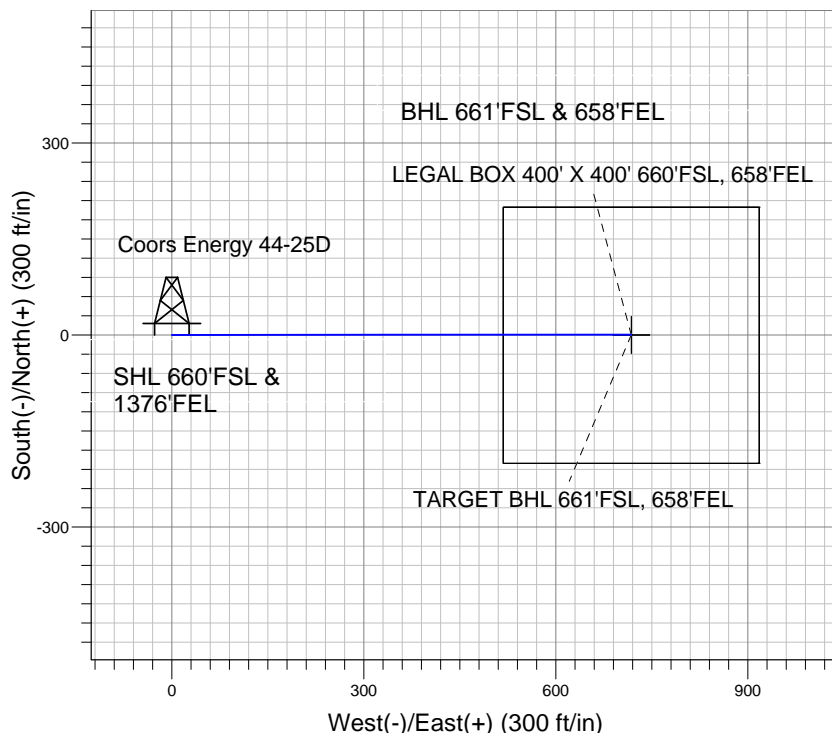
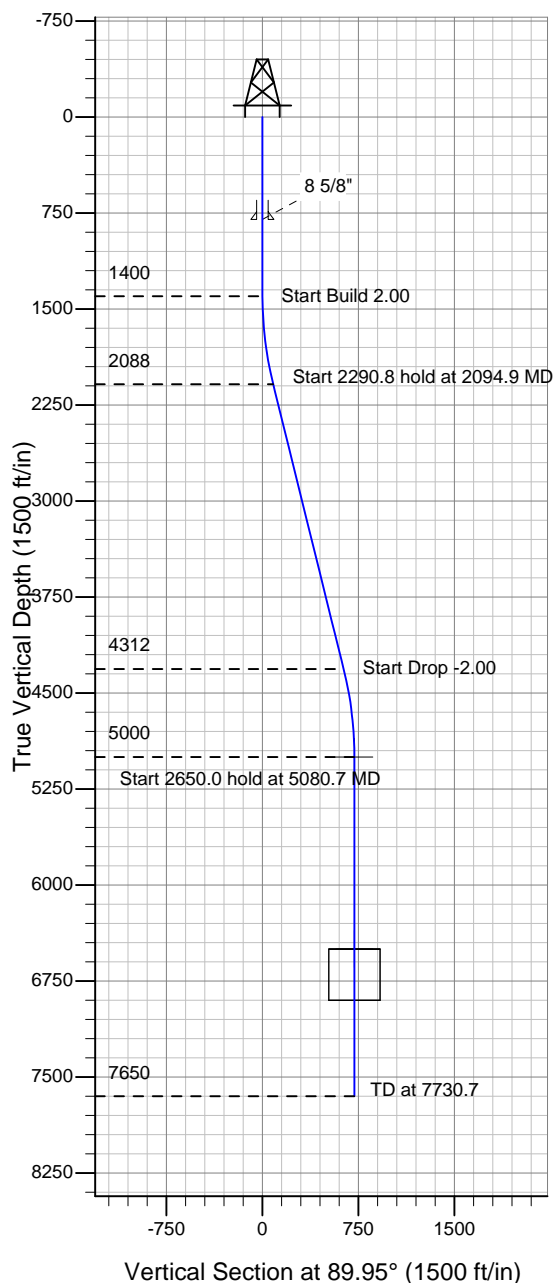
### Well Name: Coors Energy 44-25D

Surface Location: Coors Energy 33-25D Pad Sec.25-T3N-R64W  
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 4790.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1313999.44	3280678.95	40° 11' 27.456 N	104° 29' 43.044 W	
Original Well Elev WELL @ 4803.0ft (Original Well Elev)						

### PETROLEUM DEVELOPMENT CORP Weld County CO



Coors Energy 44-25D  
Plan #1 (6-2-10)  
11:02, June 03 2010



Azimuths to True North  
Magnetic North: 8.84°  
Magnetic Field  
Strength: 53160.4snT  
Dip Angle: 66.96°  
Date: 6/2/2010  
Model: IGRF2010

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

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 661'FSL, 658'FEL	5000.0	0.6	718.0	40° 11' 27.462 N	104° 29' 33.792 W	Point
LEGAL BOX 400' X 400' 660'FSL, 658'FEL	6500.0	-0.4	718.0	40° 11' 27.452 N	104° 29' 33.792 W	Rectangle (Sides: L400.0 W400.0)

#### 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	1400.0	0.00	0.00	1400.0	0.0	0.0	0.00	0.00	0.0	
3	2094.9	13.90	89.95	2088.1	0.1	83.9	2.00	89.95	83.9	
4	4385.7	13.90	89.95	4311.9	0.6	634.1	0.00	0.00	634.1	
5	5080.7	0.00	0.00	5000.0	0.6	718.0	2.00	180.00	718.0	TARGET BHL 661'FSL, 658'FEL
6	7730.7	0.00	0.00	7650.0	0.6	718.0	0.00	0.00	718.0	