

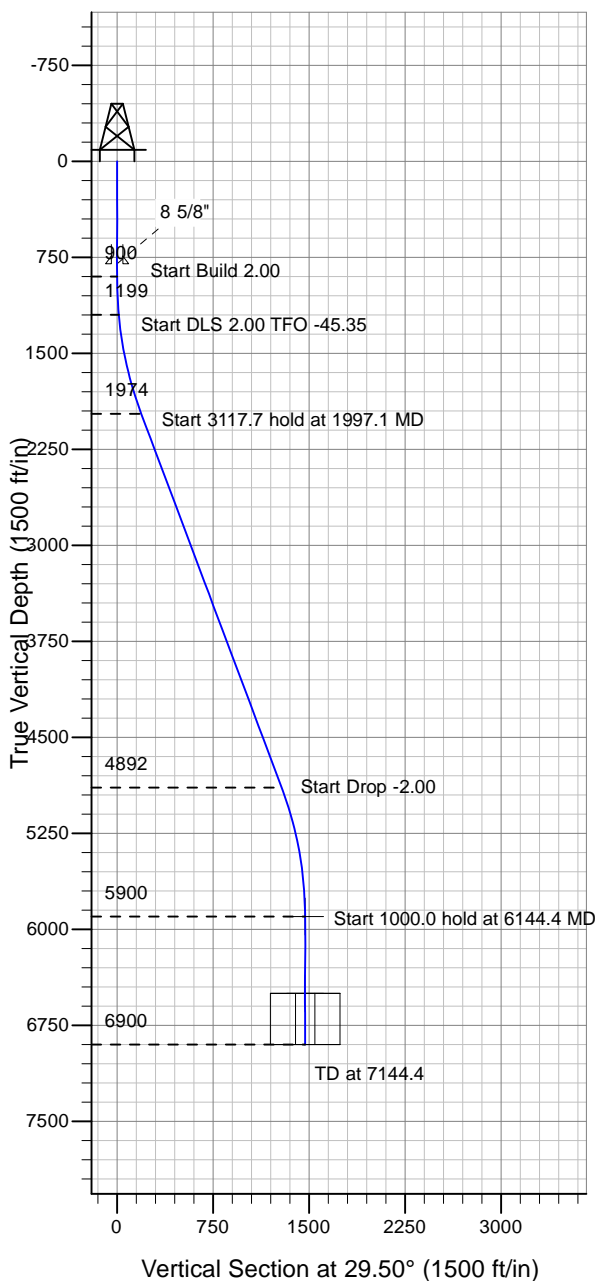
ENSIGN

Directional

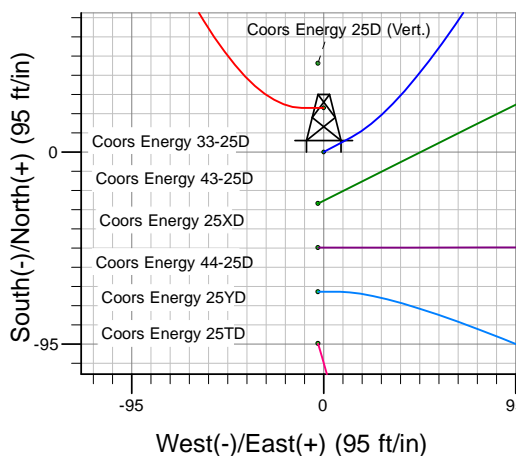
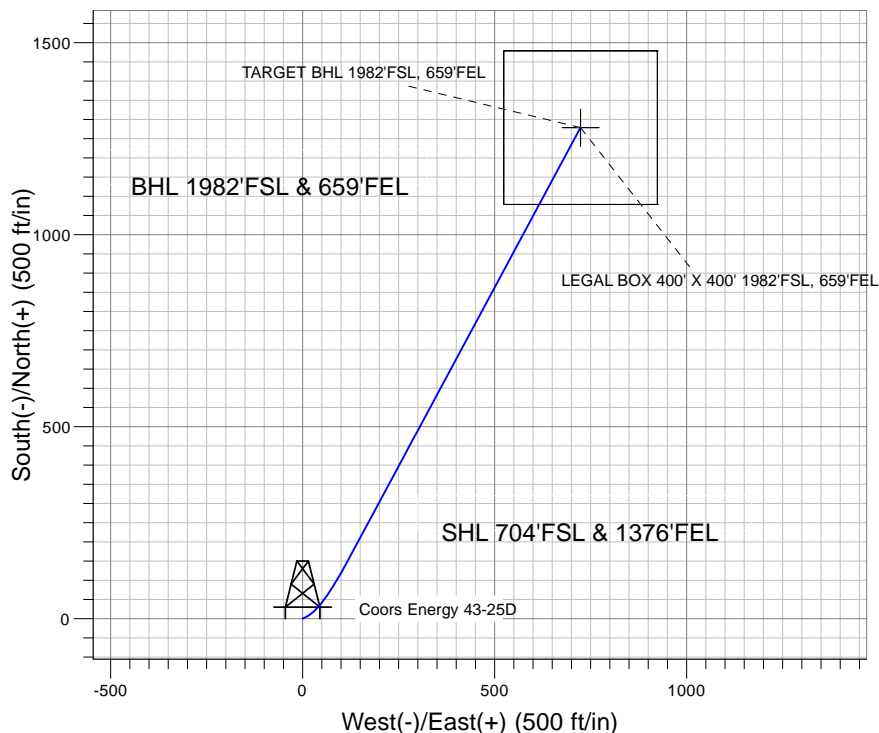
Well Name: Coors Energy 43-25D

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 1314046.82 3280681.20 40° 11' 27.924 N 104° 29' 43.008 W
 Original Well Elev WELL @ 4803.0ft (Original Well Elev)



PETROLEUM DEVELOPMENT CORP Weld County CO



Coors Energy 33-25D Pad Sec.25-T3N-R64W
 Coors Energy 43-25D
 Plan #1 (6-2-10)
 12:33, June 06 2010



Azimuths to True North
 Magnetic North: 8.84°

Magnetic Field
 Strength: 53160.5nT
 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 1982'FSL, 659'FEL	5900.0	1278.6	723.4	40° 11' 40.558 N	104° 29' 33.686 W	Point
LEGAL BOX 400' X 400' 1982'FSL, 659'FEL	6500.0	1278.6	723.4	40° 11' 40.559 N	104° 29' 33.686 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	900.0	0.00	0.00	900.0	0.0	0.0	0.00	0.00	0.0	
3	1200.0	6.00	62.00	1199.5	7.4	13.9	2.00	62.00	13.2	
4	1997.1	20.59	28.25	1973.9	151.3	117.7	2.00	-45.35	189.7	
5	5114.8	20.59	28.25	4892.4	1117.3	636.7	0.00	0.00	1286.0	
6	6144.4	0.00	0.00	5900.0	1278.6	723.4	2.00	180.00	1469.0	TARGET BHL 1982'FSL, 659'FEL
7	7144.4	0.00	0.00	6900.0	1278.6	723.4	0.00	0.00	1469.0	