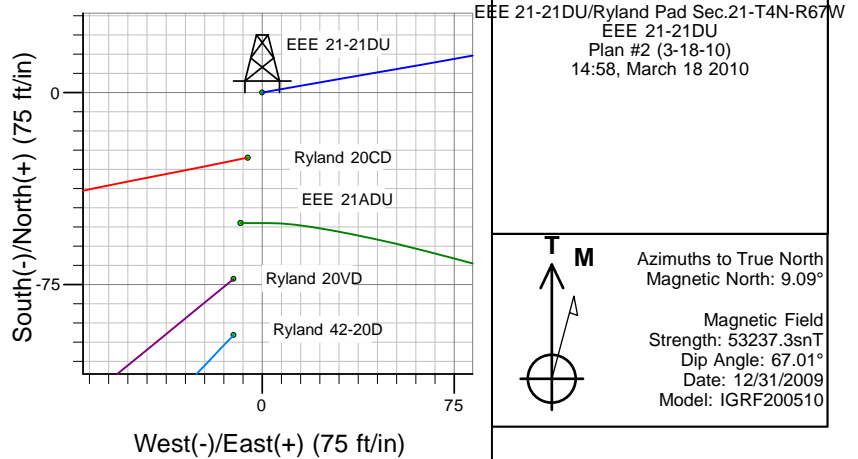
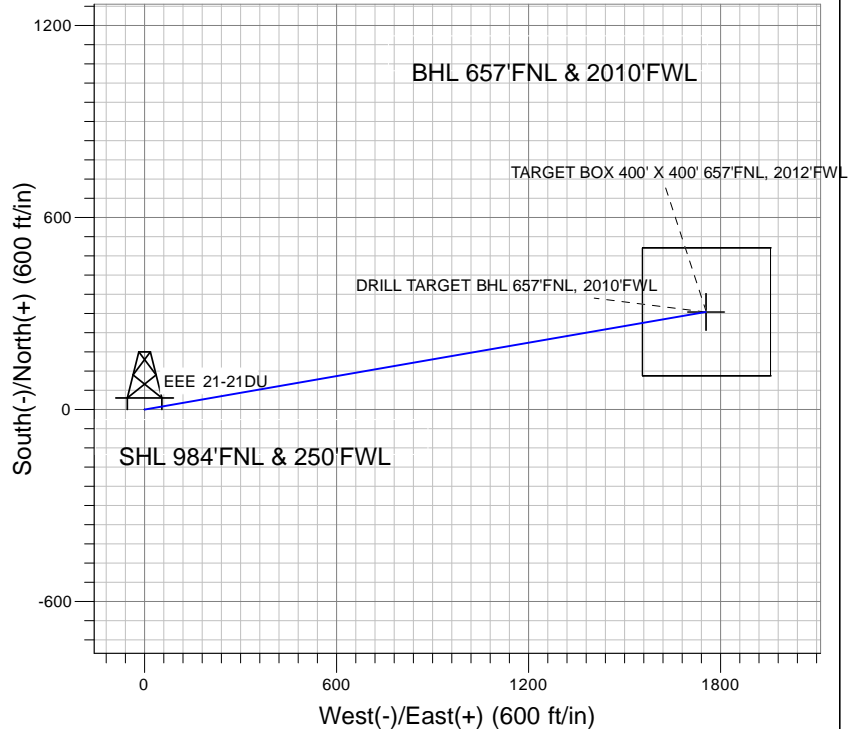
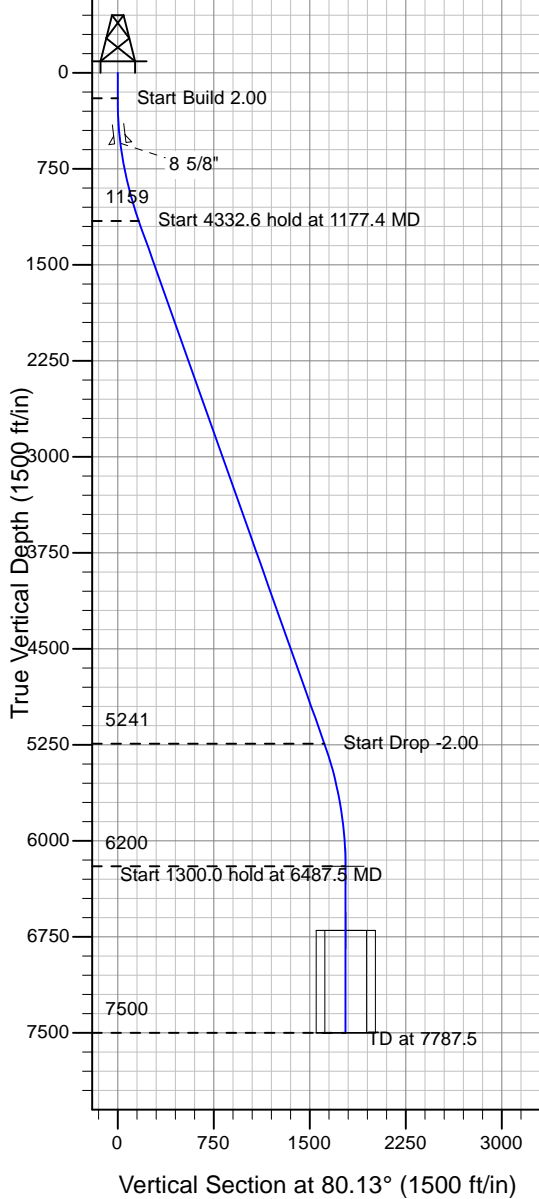


Well Name: EEE 21-21DU

Surface Location: EEE 21-21DU/Ryland Pad Sec.21-T4N-R67W
 North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
 Ground Elevation: 4922.0
 +N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.0 0.01353763.01 3166027.74 40° 18' 10.620 N 104° 54' 16.992 W
 Original Well Elev WELL @ 4935.0ft (Original Well Elev)

PETROLEUM DEVELOPMENT CORP Weld County CO



Azimuths to True North
 Magnetic North: 9.09°

Magnetic Field
 Strength: 53237.3snT
 Dip Angle: 67.01°
 Date: 12/31/2009
 Model: IGRF200510

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
DRILL TARGET BHL 657'FNL, 2010'FWL	6200.0	305.1	1753.7	40° 18' 13.634 N	104° 53' 54.358 W	Point
TARGET BOX 400' X 400' 657'FNL, 2012'FWL	6700.0	305.1	1755.7	40° 18' 13.634 N	104° 53' 54.331 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	200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.0	
3	1177.4	19.55	80.13	1158.6	28.3	162.7	2.00	80.13	165.1	
4	5510.0	19.55	80.13	5241.4	276.8	1591.0	0.00	0.00	1614.9	
5	6487.5	0.00	0.00	6200.0	305.1	1753.7	2.00	180.00	1780.0	DRILL TARGET BHL 657'FNL, 2010'FWL
6	7787.5	0.00	0.00	7500.0	305.1	1753.7	0.00	0.00	1780.0	