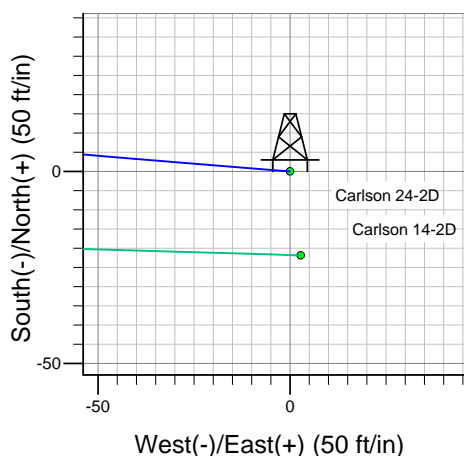
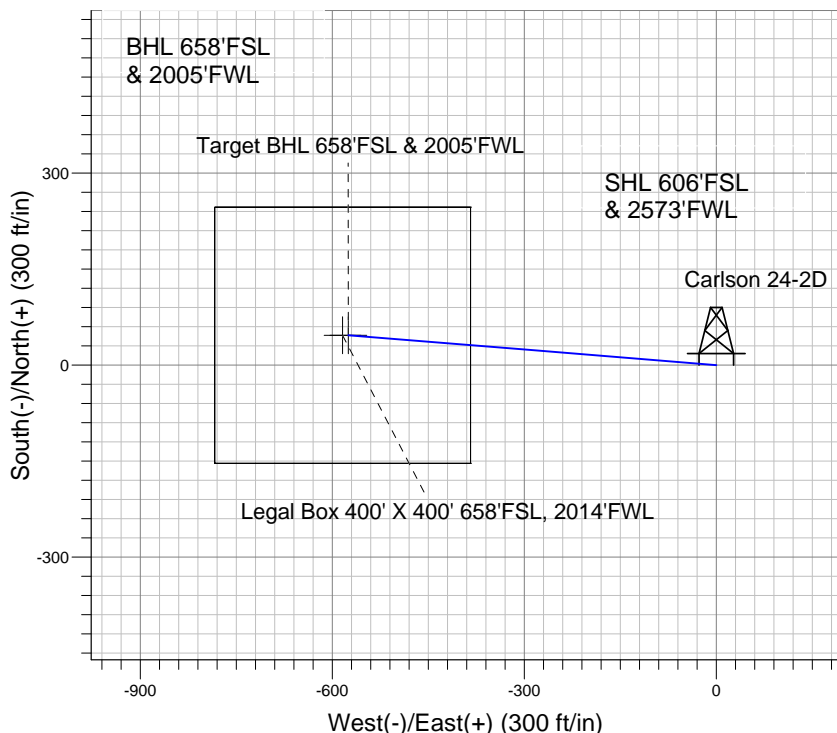
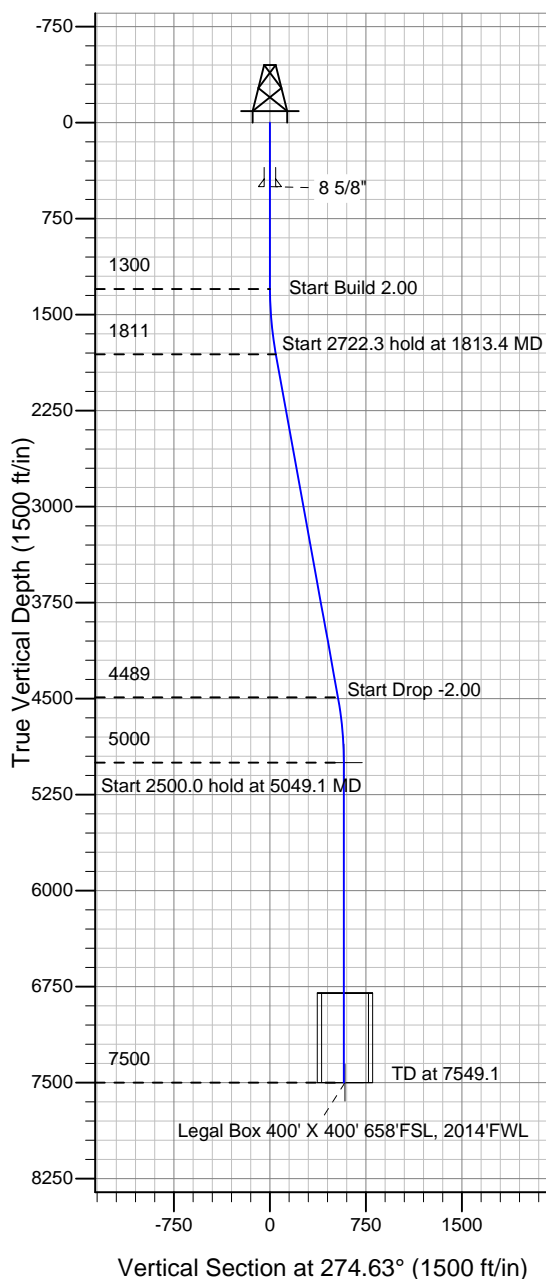


PETROLEUM DEVELOPMENT CORP Weld County CO



Carlson 24-2D
Plan #1 (6-24-10)
9:45, July 08 2010



Azimuths to True North
Magnetic North: 9.00°
Magnetic Field
Strength: 53295.0snT
Dip Angle: 67.18°
Date: 6/24/2010
Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Target BHL 658'FSL & 2005'FWL	5000.0	46.6	-575.1	40° 30' 42.976 N	104° 44' 49.518 W	Point
Legal Box 400' X 400' 658'FSL, 2014'FWL	7500.0	46.6	-584.1	40° 30' 42.976 N	104° 44' 49.634 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	1300.0	0.00	0.00	1300.0	0.0	0.0	0.00	0.00	0.0	
3	1813.4	10.27	274.63	1810.6	3.7	-45.7	2.00	274.63	45.9	
4	4535.7	10.27	274.63	4489.4	42.9	-529.4	0.00	0.00	531.1	
5	5049.1	0.00	0.00	5000.0	46.6	-575.1	2.00	180.00	577.0	Target BHL 658'FSL & 2005'FWL
6	7549.1	0.00	0.00	7500.0	46.6	-575.1	0.00	0.00	577.0	