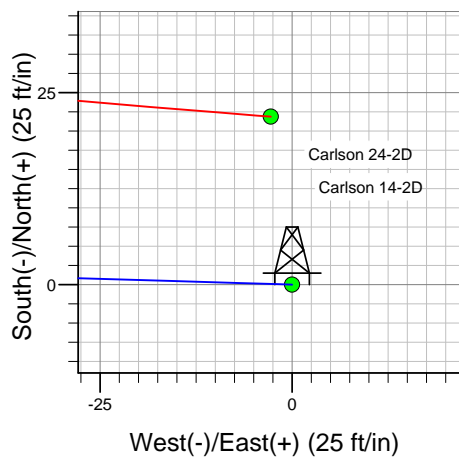
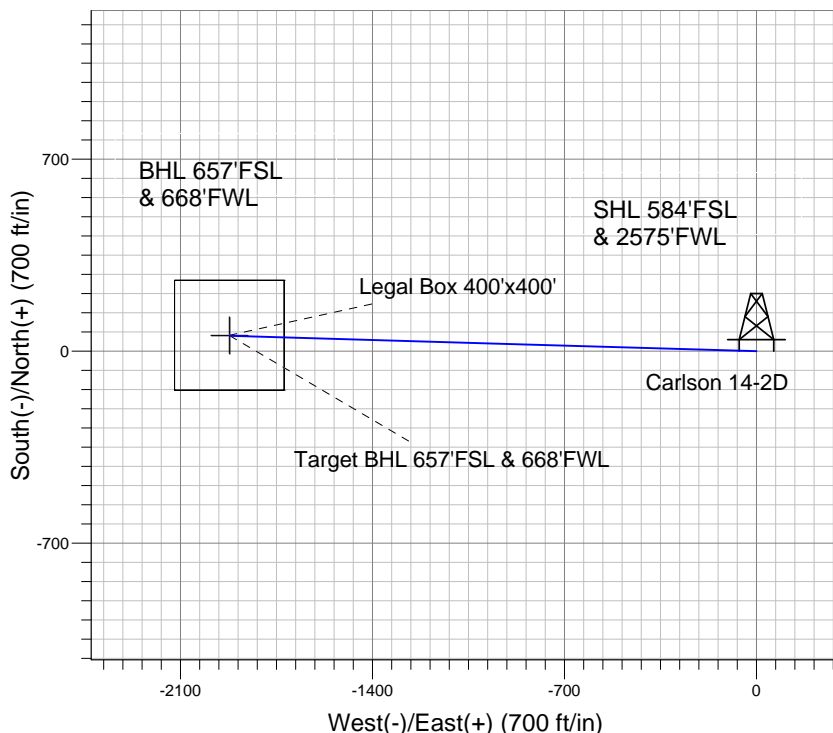
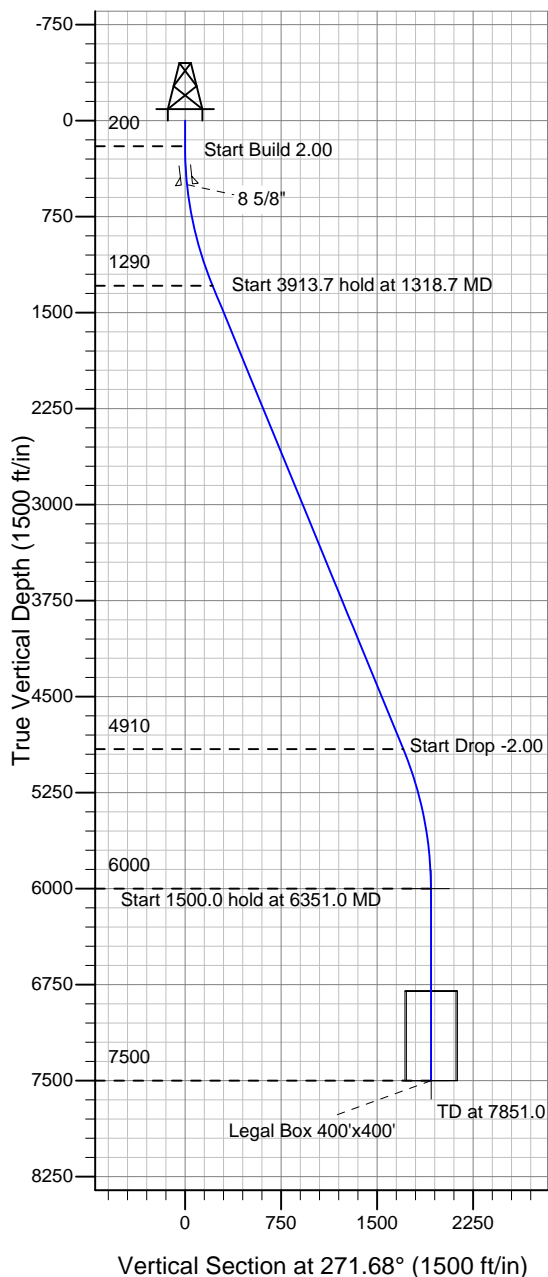


### PETROLEUM DEVELOPMENT CORP Weld County CO



Carlson 14-2D  
Carlson 14-2D Plan#1 (6-24-10)  
13:42, July 06 2010



Azimuths to True North  
Magnetic North: 9.00°  
Magnetic Field  
Strength: 53294.9snT  
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 657'FSL & 668'FWL	6000.0	56.4	-1920.2	40° 30' 42.857 N	104° 45' 6.896 W	Point
Legal Box 400'x400'	7500.0	58.4	-1922.2	40° 30' 42.876 N	104° 45' 6.922 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	1318.7	22.37	271.68	1290.4	6.3	-215.6	2.00	271.68	215.6	
4	5232.4	22.37	271.68	4909.6	50.1	-1704.6	0.00	0.00	1705.4	
5	6351.0	0.00	0.00	6000.0	56.4	-1920.2	2.00	180.00	1921.0	Target BHL 657'FSL & 668'FWL
6	7851.0	0.00	0.00	7500.0	56.4	-1920.2	0.00	0.00	1921.0	