

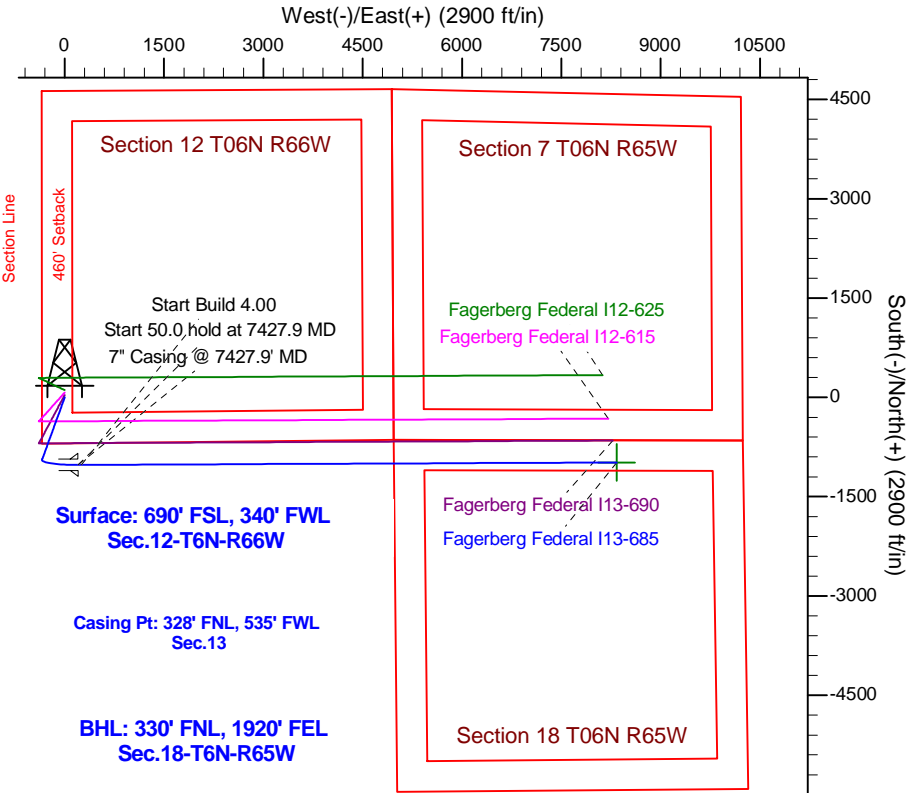
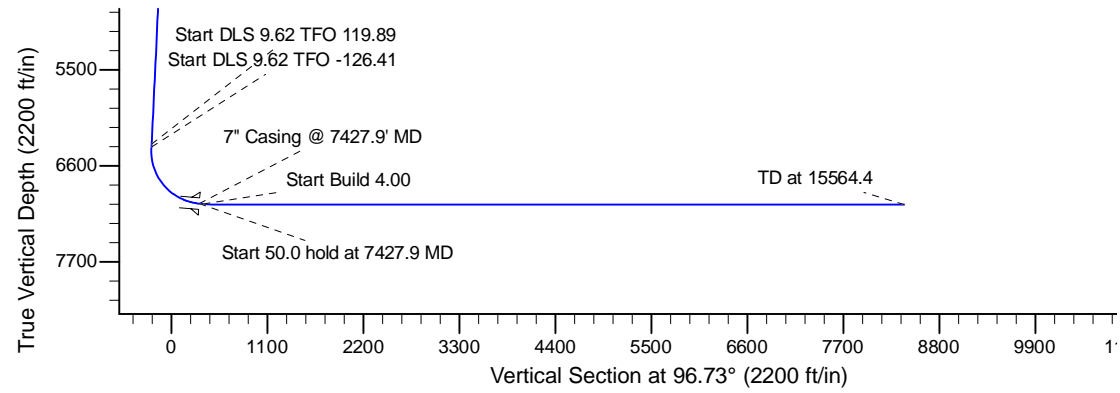
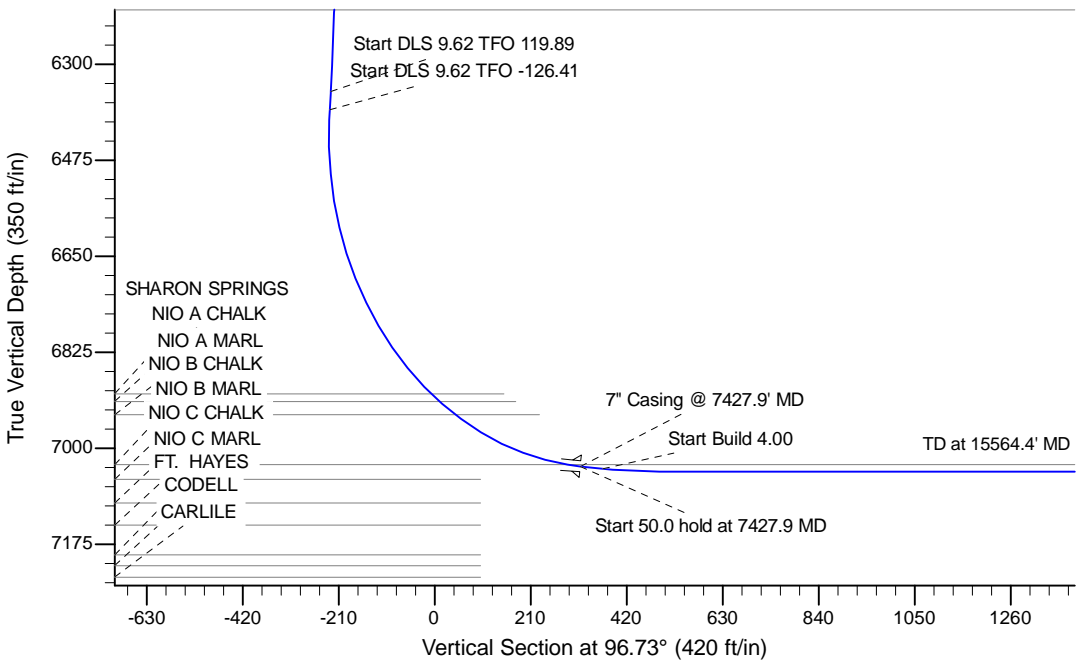
Project: Wattenberg Field
Site: I (Section 12-T06N-R66W) Weld County, CO
Well: Fagerberg Federal I13-685
Wellbore: Original Drilling
Design: APD - Rev 0

Northern Region Drilling - Working

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level

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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1775.0	11.50	200.00	1771.1	-54.0	-19.7	2.00	200.00	-13.2	
4	6447.7	11.50	200.00	6350.0	-929.4	-338.3	0.00	0.00	-227.1	
5	6481.2	10.28	215.86	6382.9	-935.0	-341.2	9.62	119.89	-229.3	
6	7427.9	85.00	89.74	7033.0	-1020.0	200.0	9.62	-126.41	318.1	
7	7477.9	85.00	89.74	7037.4	-1019.8	249.8	0.00	0.00	367.5	
8	7602.9	90.00	89.74	7042.8	-1019.2	374.6	4.00	0.00	491.4	
9	15564.4	90.00	89.74	7043.0	-983.1	8336.1	0.00	168.53	8393.8	Fagerberg Federal I13-685 BHL 330'FNL, 1920'FEL



T

G

M

Azimuths to Grid North
True North: -0.49°
Magnetic North: 8.52°

Magnetic Field
Strength: 53358.6snT
Dip Angle: 67.19°
Date: 12/31/2009
Model: IGRF200510

WELL DETAILS: Fagerberg Federal I13-685				
Ground Level: 4802.0				
0.0	0.0	1424989.49	3213096.30	-104.733760
Plan: APD - Rev 0 (Fagerberg Federal I13-685/Original Drilling)				
Created By: Shailey Jewell		Date: 7:11, April 08 2015		
Checked: _____		Date: _____		
Reviewed: _____		Date: _____		
Approved: _____		Date: _____		