

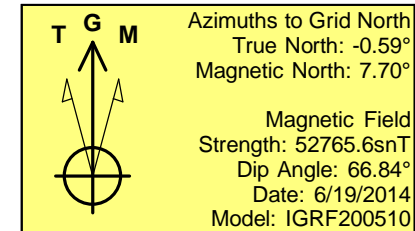
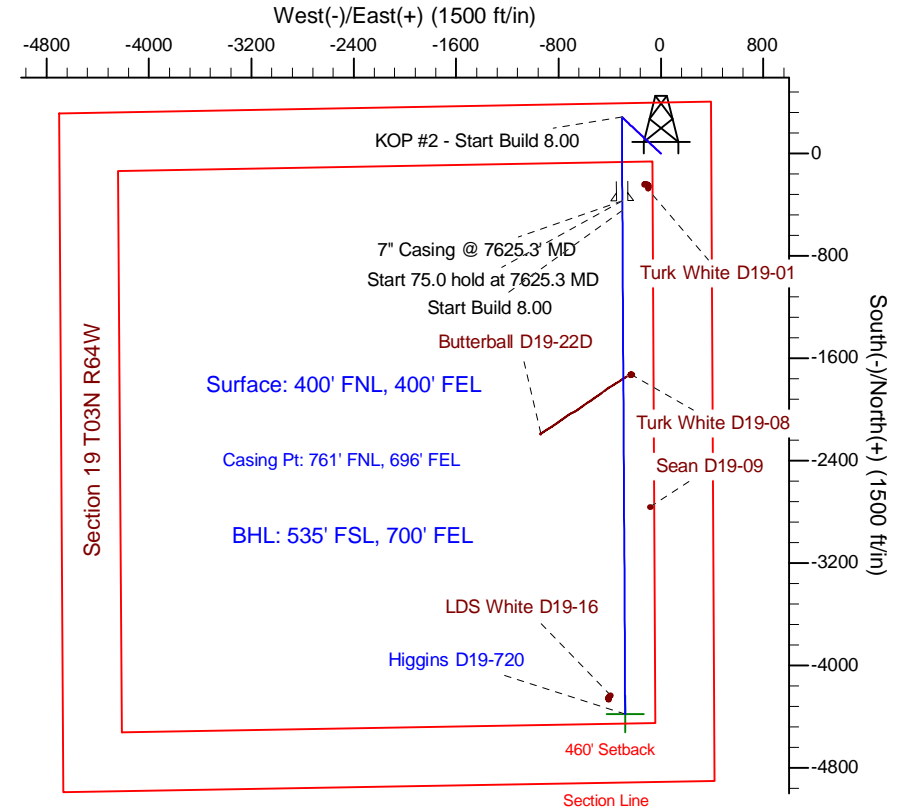
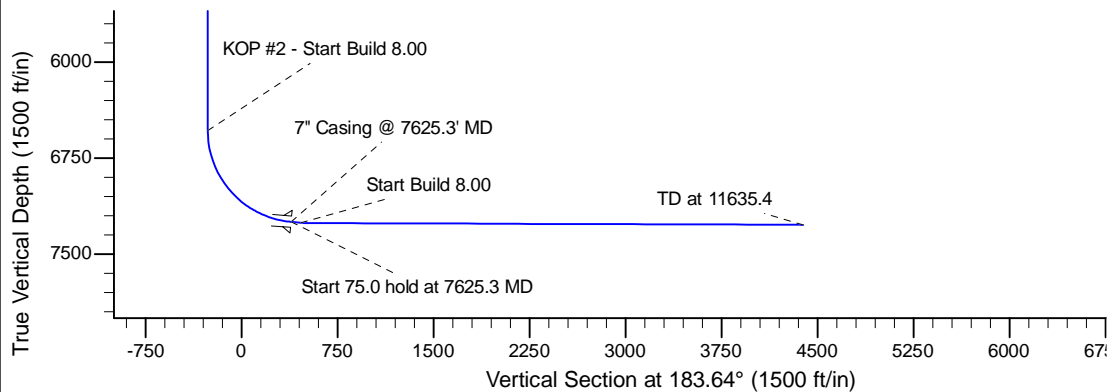
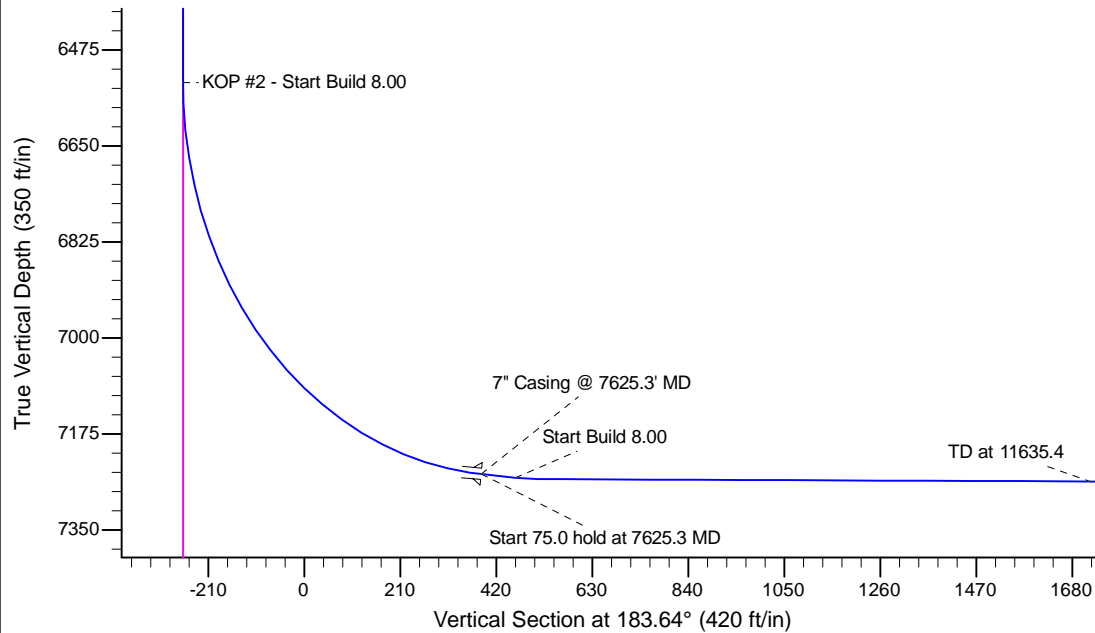
Project: Wattenberg Field
 Site: D (Sec.19-T03N-R64W) Weld County, CO
 Well: Higgins D19-720
 Wellbore: Wellbore #2
 Design: Sidetrack APD - Rev 1

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	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00	0.00	0.0	
3	2201.7	8.03	313.06	2200.4	19.2	-20.5	2.00	313.06	-17.8	
4	4786.3	8.03	313.06	4759.6	265.8	-284.5	0.00	0.00	-247.2	
5	5188.0	0.00	0.00	5160.0	285.0	-305.0	2.00	180.00	-265.0	
6	6562.8	0.00	0.00	6534.8	285.0	-305.0	0.00	0.00	-265.0	
7	7625.3	85.00	179.68	7248.3	-368.8	-301.3	8.00	179.68	387.2	
8	7700.3	85.00	179.68	7254.9	-443.5	-300.9	0.00	0.00	461.7	
9	7760.3	89.80	179.68	7257.6	-503.4	-300.6	8.00	0.00	521.5	
10	11635.4	89.80	179.68	7271.1	-4378.3	-278.9	0.00	0.00	4387.2	Higgins D19-720 BHL 535'FSL, 700'FEL



WELL DETAILS: Higgins D19-720					
Ground Level: 4772.0					
0.0	0.0	Northing	Easting	Latitude	Longitude
		1323192.87	3255277.58	40.216950	-104.585870
Plan: Sidetrack APD - Rev 1 (Higgins D19-720/Wellbore #2)					
Created By: Shailey Jewell			Date: 15:06, July 24 2014		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		