

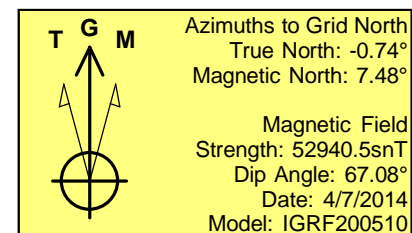
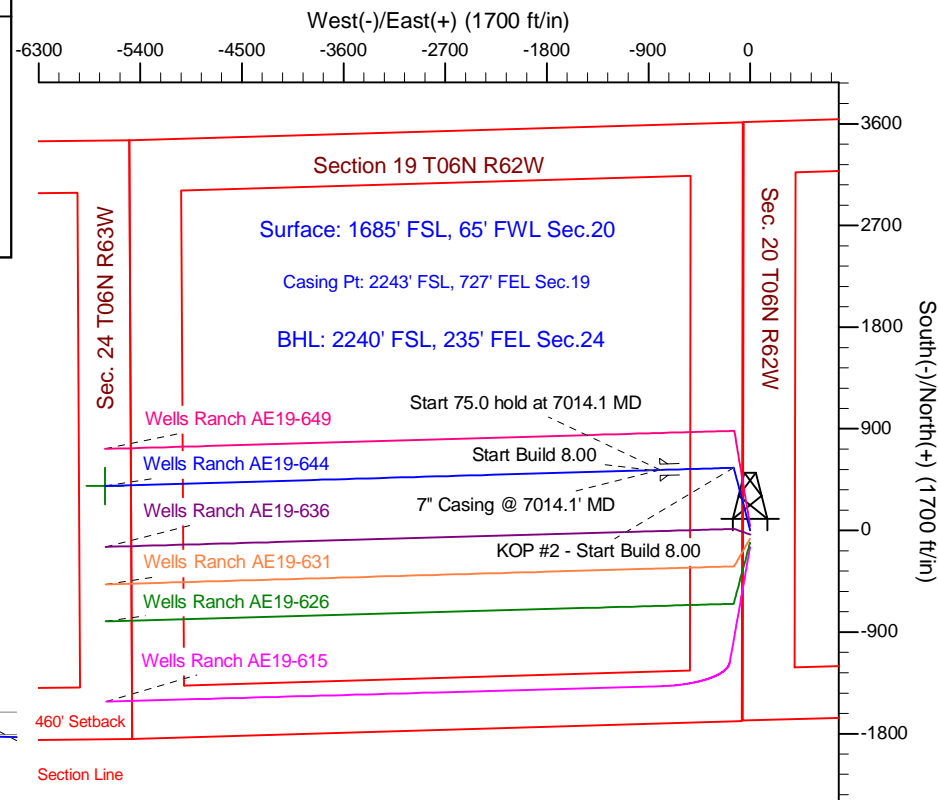
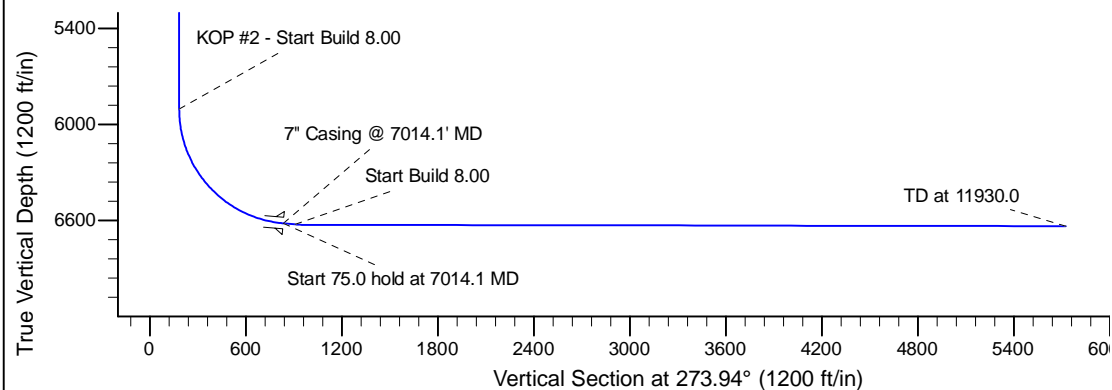
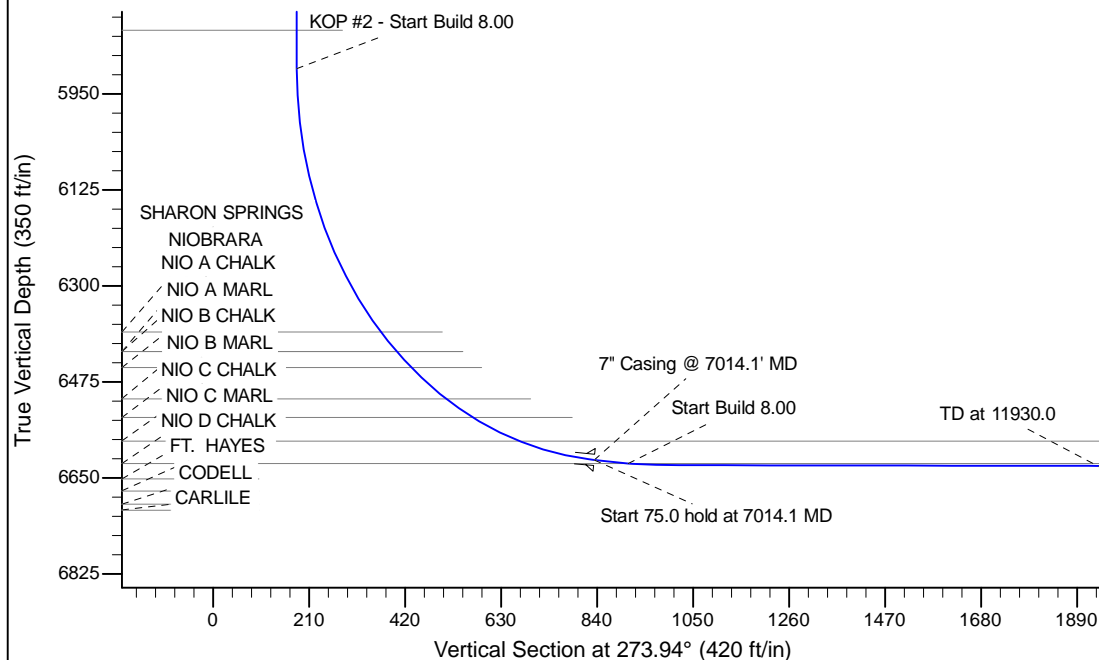
Project: Wattenberg Field
Site: AE (Sec.20-T06N-R62W) Weld County, CO
Well: Wells Ranch AE19-644
Wellbore: Original Drilling
Design: APD - Rev 0

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	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	1999.9	10.00	345.36	1997.4	42.1	-11.0	2.00	345.36	13.9	
4	4802.7	10.00	345.36	4757.6	512.9	-134.0	0.00	0.00	168.9	
5	5302.6	0.00	0.00	5255.0	555.0	-145.0	2.00	180.00	182.8	
6	5951.6	0.00	0.00	5903.9	555.0	-145.0	0.00	0.00	182.8	
7	7014.1	85.00	268.34	6617.4	536.0	-798.5	8.00	268.34	833.4	
8	7089.1	85.00	268.34	6623.9	533.9	-873.2	0.00	0.00	907.8	
9	7150.3	89.90	268.34	6626.7	532.1	-934.3	8.00	0.00	968.7	
10	11930.0	89.90	268.34	6635.0	393.3	-5712.0	0.00	0.00	5725.6	Wells Ranch AE19-644 BHL 2240'FSL, 235'FEL



WELL DETAILS: Wells Ranch AE19-644				
Ground Level: 4786.0				
0.0	0.0	Northing	Easting	Latitude
		1415961.97	3318318.95	40.469580
				Longitude
				-104.355860
Plan: APD - Rev 0 (Wells Ranch AE19-644/Original Drilling)				
Created By: Shailey Jewell		Date: 12:08, April 07 2014		
Checked: _____		Date: _____		
Reviewed: _____		Date: _____		
Approved: _____		Date: _____		