

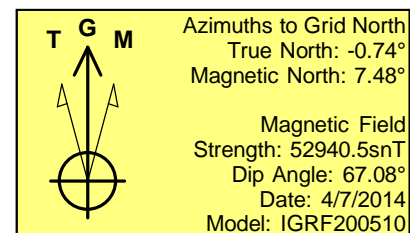
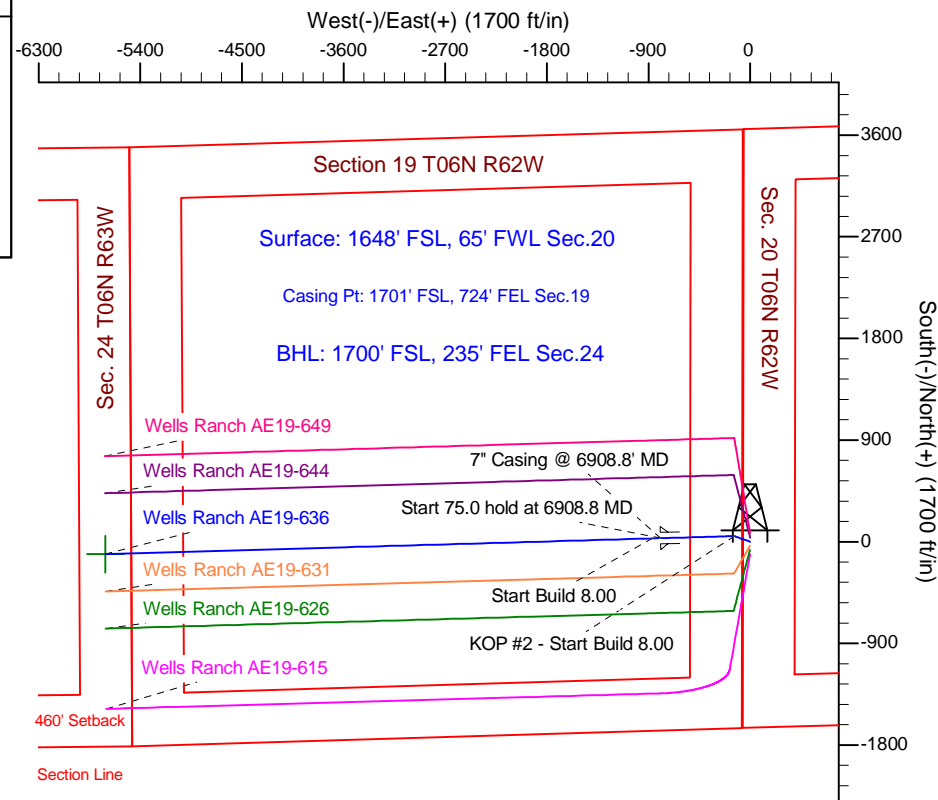
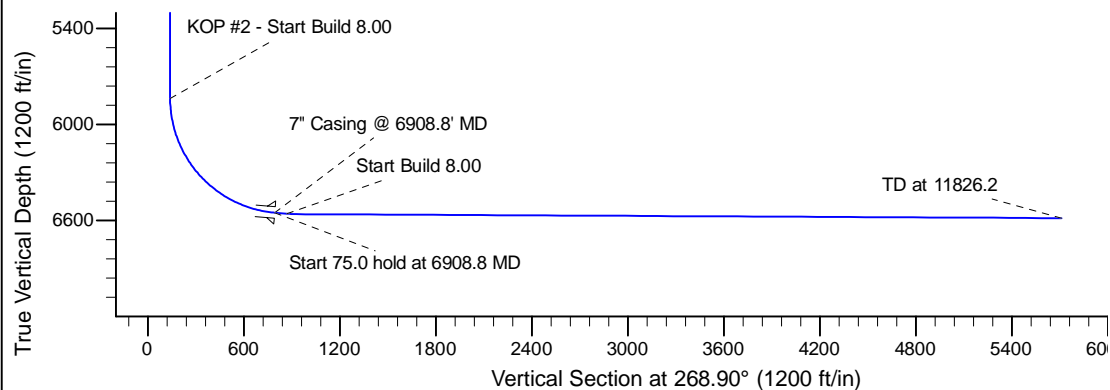
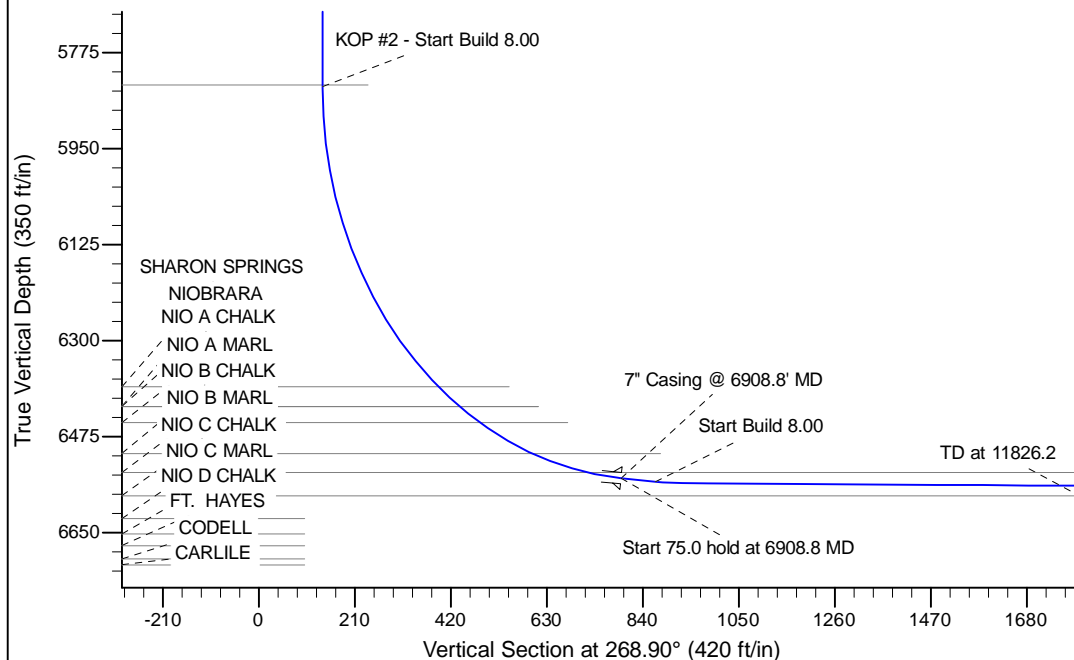
Project: Wattenberg Field  
Site: AE (Sec.20-T06N-R62W) Weld County, CO  
Well: Wells Ranch AE19-636  
Wellbore: Original Drilling  
Design: APD - Rev 0

# 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	2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0	
3	2402.1	8.04	289.65	2400.7	9.5	-26.5	2.00	289.65	26.3	
4	3062.1	8.04	289.65	3054.3	40.5	-113.5	0.00	0.00	112.7	
5	3464.1	0.00	0.00	3455.0	50.0	-140.0	2.00	180.00	139.0	
6	5846.3	0.00	0.00	5837.1	50.0	-140.0	0.00	0.00	139.0	
7	6908.8	85.00	268.36	6550.6	31.3	-793.5	8.00	268.36	792.8	
8	6983.8	85.00	268.36	6557.1	29.2	-868.2	0.00	0.00	867.5	
9	7042.5	89.70	268.36	6559.9	27.5	-926.8	8.00	0.00	926.1	
10	11826.2	89.70	268.36	6584.9	-109.4	-5708.5	0.00	0.00	5709.5	Wells Ranch AE19-636 BHL 1700'FSL, 235'FEL



WELL DETAILS: Wells Ranch AE19-636					
Ground Level: 4786.0					
0.0	0.0	Northing	Eastings	Latitude	Longitude
		1415925.54	3318319.42	40.469480	-104.355860
Plan: APD - Rev 0 (Wells Ranch AE19-636/Original Drilling)					
Created By: Shailey Jewell			Date: 13:24, April 07 2014		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		