

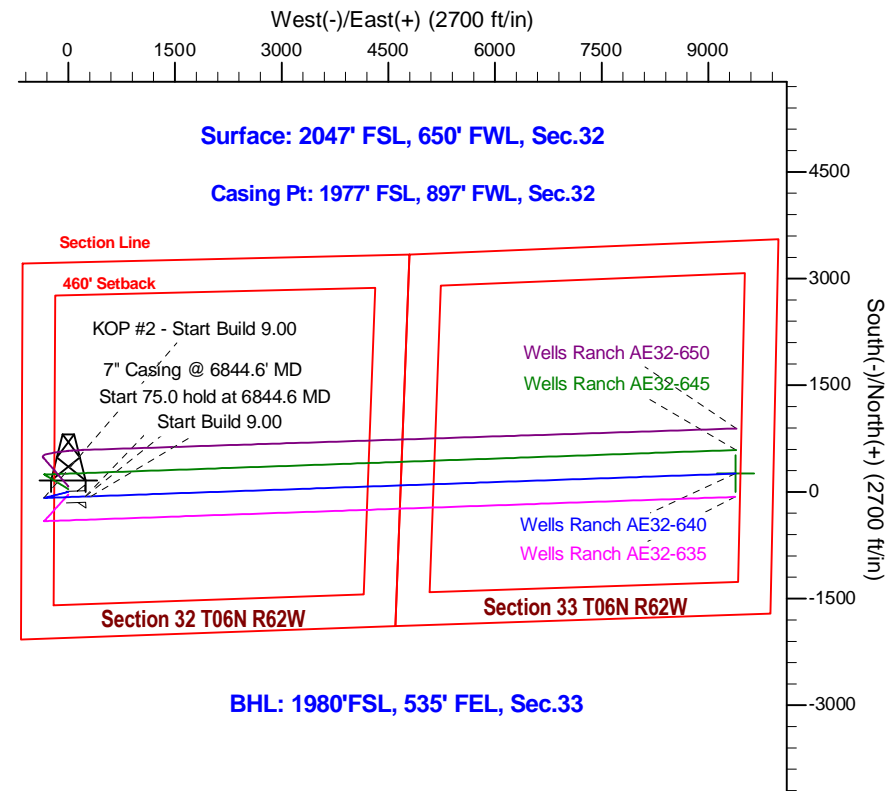
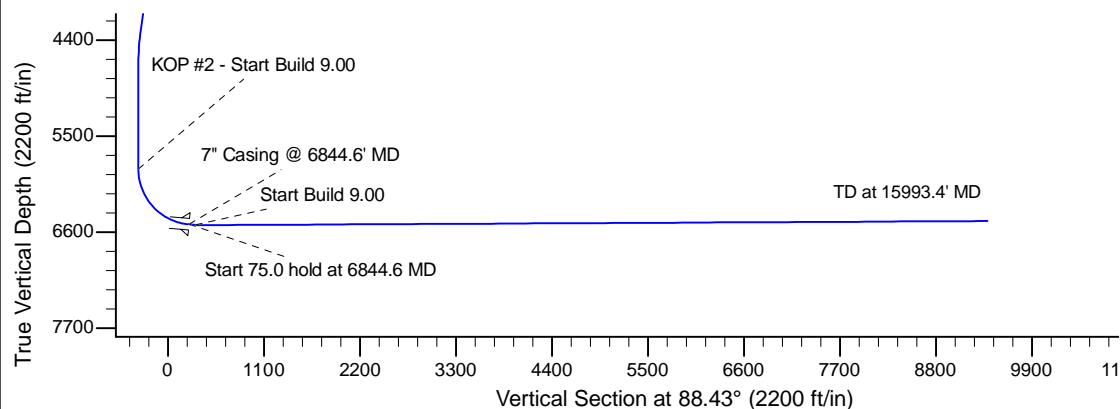
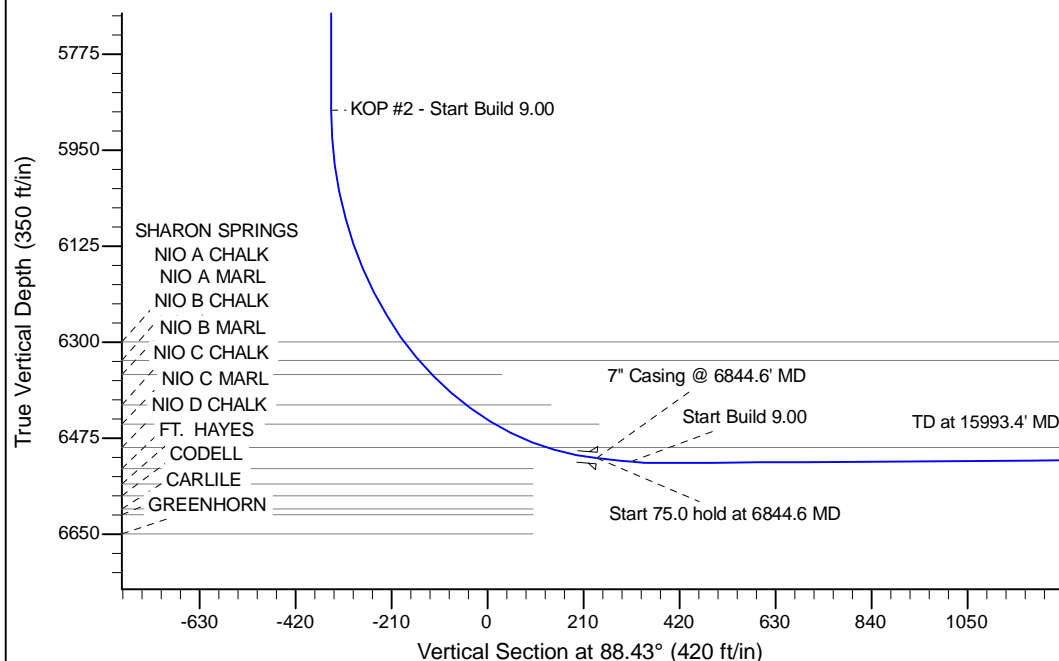
Project: Wattenberg Field  
 Site: AE (Sec.32-T06N-R62W) Weld County, CO  
 Well: Wells Ranch AE32-640  
 Wellbore: Original Drilling  
 Design: APD - Rev 0

# Northern Region Drilling - Working

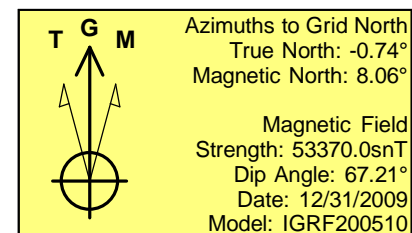
Geodetic System: US State Plane 1983  
 Datum: North American Datum 1983  
 Ellipsoid: GRS 1980  
 Zone: Colorado Northern Zone  
 System Datum: Mean Sea Level

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace	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	2201.8	8.04	255.96	2200.5	-6.8	-27.3	2.00	255.96	-27.5	
4	4306.5	8.04	255.96	4284.5	-78.2	-312.7	0.00	0.00	-314.7	
5	4708.3	0.00	0.00	4685.0	-85.0	-340.0	2.00	180.00	-342.2	
6	5900.1	0.00	0.00	5876.9	-85.0	-340.0	0.00	0.00	-342.2	
7	6844.6	85.00	87.98	6511.1	-64.5	240.8	9.00	87.98	238.9	
8	6919.6	85.00	87.98	6517.6	-61.9	315.4	0.00	0.00	313.6	
9	6978.5	90.30	87.98	6520.0	-59.8	374.2	9.00	0.00	372.4	
10	15993.4	90.30	87.98	6472.8	257.8	9383.4	0.00	0.00	9386.9	Wells Ranch AE32-640 BHL 1980'FSL, 535'FEL



BHL: 1980'FSL, 535' FEL, Sec.33



WELL DETAILS: Wells Ranch AE32-640					
Ground Level: 4722.0					
0.0	0.0	1405763.98	3318856.95	40.441570	-104.354400
Northing		Easting		Longitude	

Plan: APD - Rev 0 (Wells Ranch AE32-640/Original Drilling)

Created By: Shailey Jewell Date: 7:08, March 25 2015

OK to submit with 2A as per Noble Drilling  
 3/25/2015 7:13