

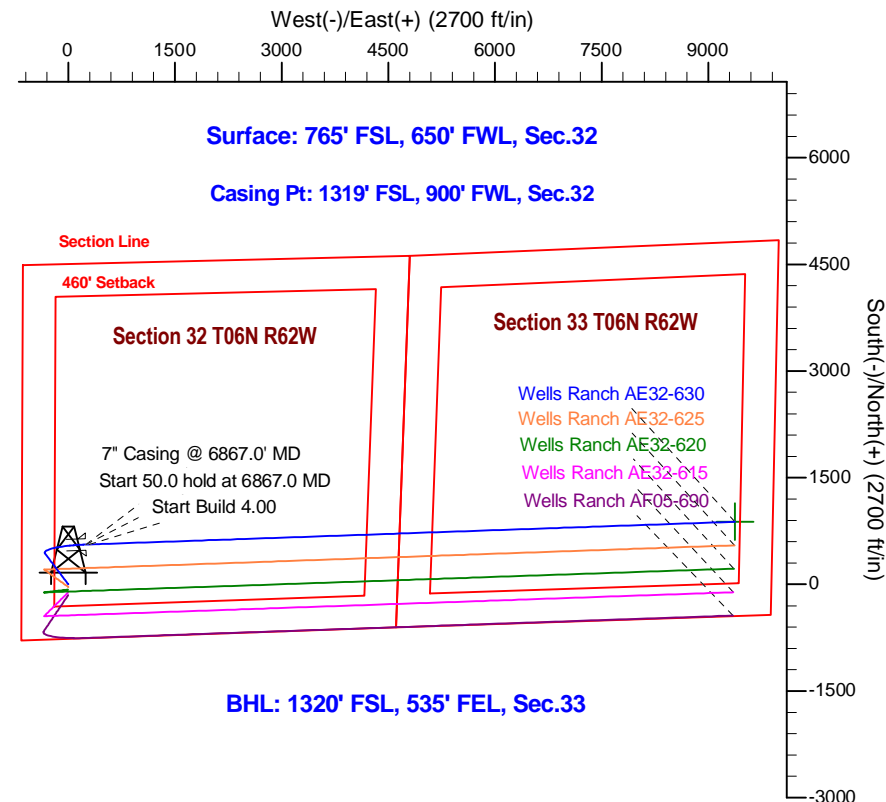
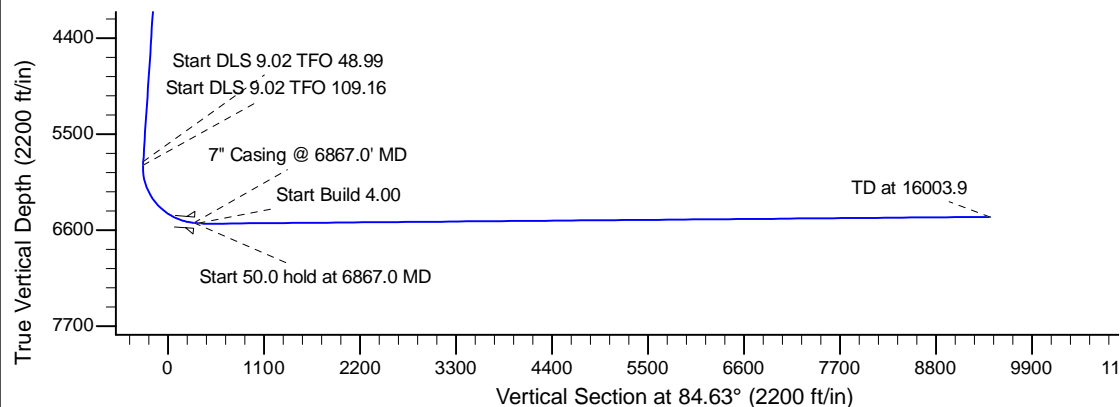
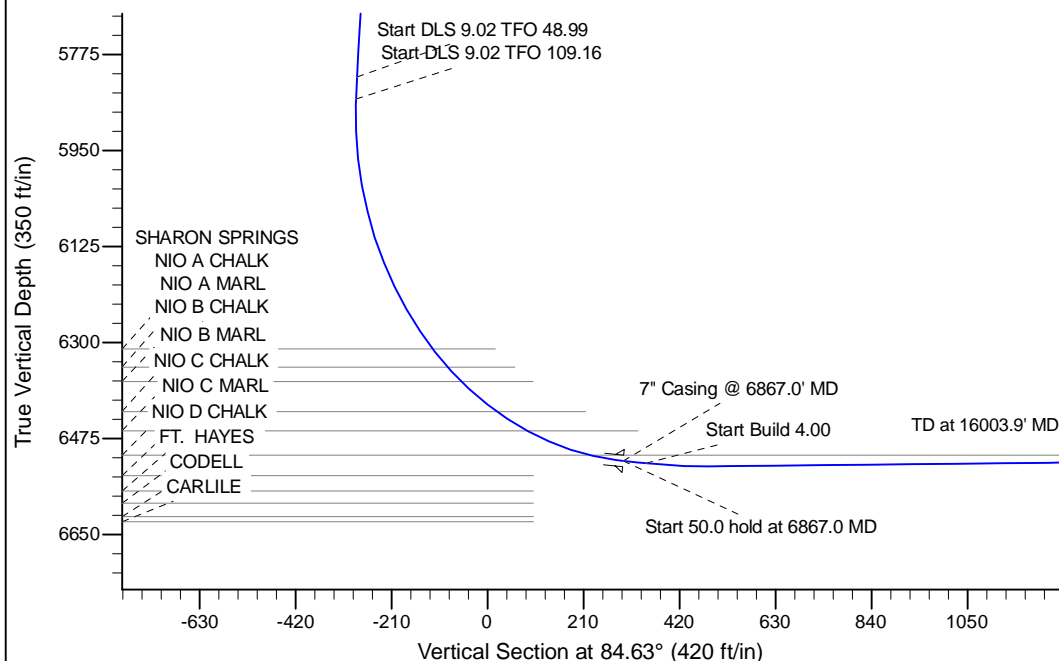
Project: Wattenberg Field  
 Site: AE (Sec.32-T06N-R62W) Weld County, CO  
 Well: Wells Ranch AE32-630  
 Wellbore: Original Drilling  
 Design: APD - Rev 0

# Northern Region Drilling - Working

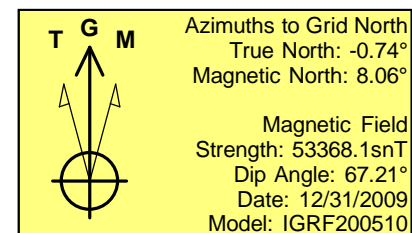
Geodetic System: US State Plane 1983  
 Datum: North American Datum 1983  
 Ellipsoid: GRS 1980  
 Zone: Colorado Northern Zone  
 System Datum: Mean Sea Level

## 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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1550.0	7.00	323.00	1549.1	17.1	-12.9	2.00	323.00	-11.2	
4	5848.9	7.00	323.00	5816.0	435.5	-328.1	0.00	0.00	-286.0	
5	5889.3	9.78	339.39	5856.0	440.6	-330.8	9.02	48.99	-288.2	
6	6867.0	85.00	87.99	6516.0	560.0	245.0	9.02	109.16	296.3	
7	6917.0	85.00	87.99	6520.4	561.7	294.8	0.00	0.00	346.0	
8	7054.5	90.50	87.99	6525.8	566.6	432.0	4.00	0.00	483.1	
9	16003.9	90.50	87.99	6447.8	880.7	9375.6	0.00	-115.10	9416.9	Wells Ranch AE32-630 BHL 1320'FSL, 535'FEL



**BHL: 1320' FSL, 535' FEL, Sec.33**



WELL DETAILS: Wells Ranch AE32-630					
Ground Level: 4720.0					
0.0	0.0	Northing	Eastng	Latitude	Longitude
		1404481.46	3318851.25	40.438050	-104.354480

Plan: APD - Rev 0 (Wells Ranch AE32-630/Original Drilling)

Created By: Shailey Jewell Date: 13:08, March 25 2015

**OK to submit with 2A as per Noble Drilling  
 3/25/2015 1:12**