

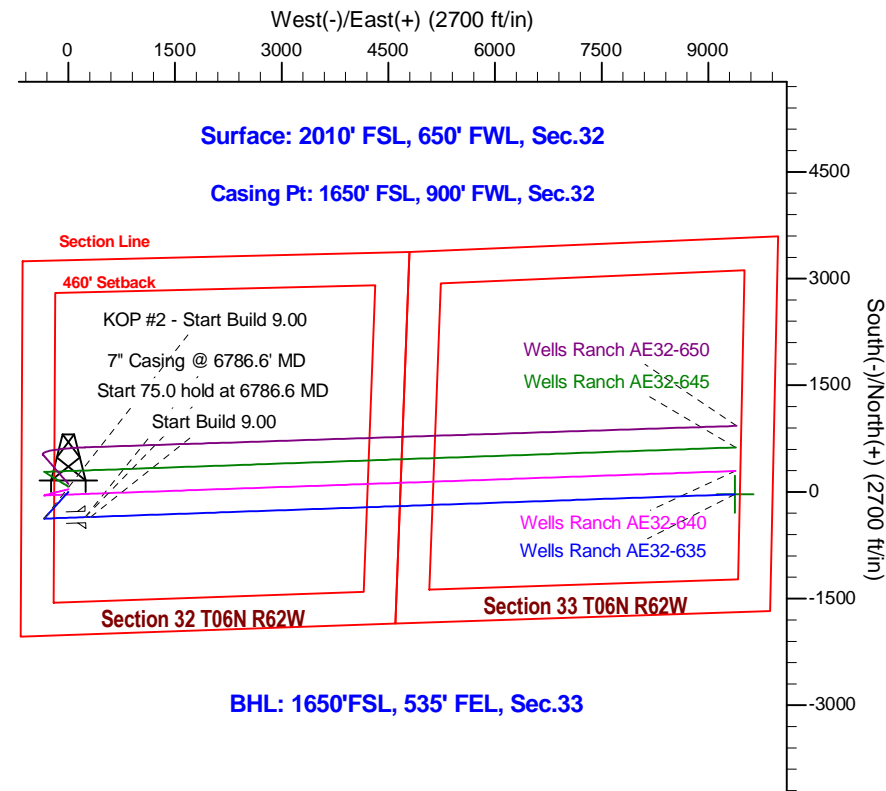
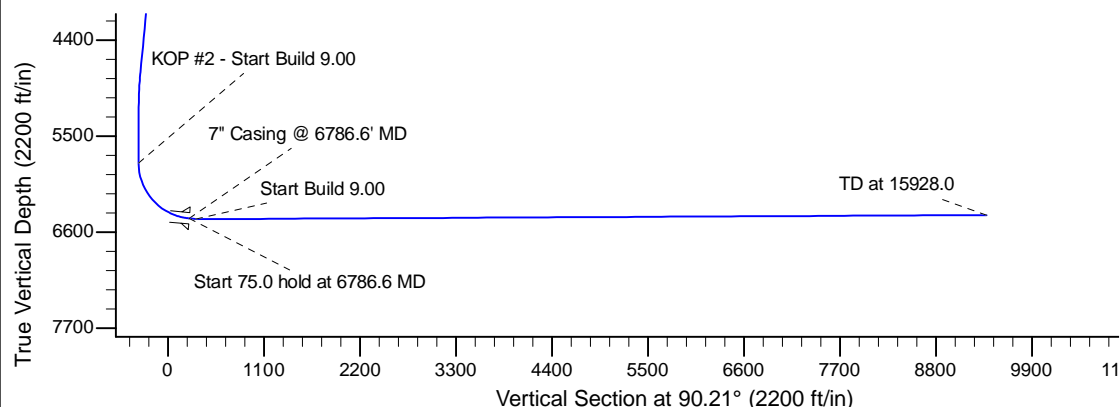
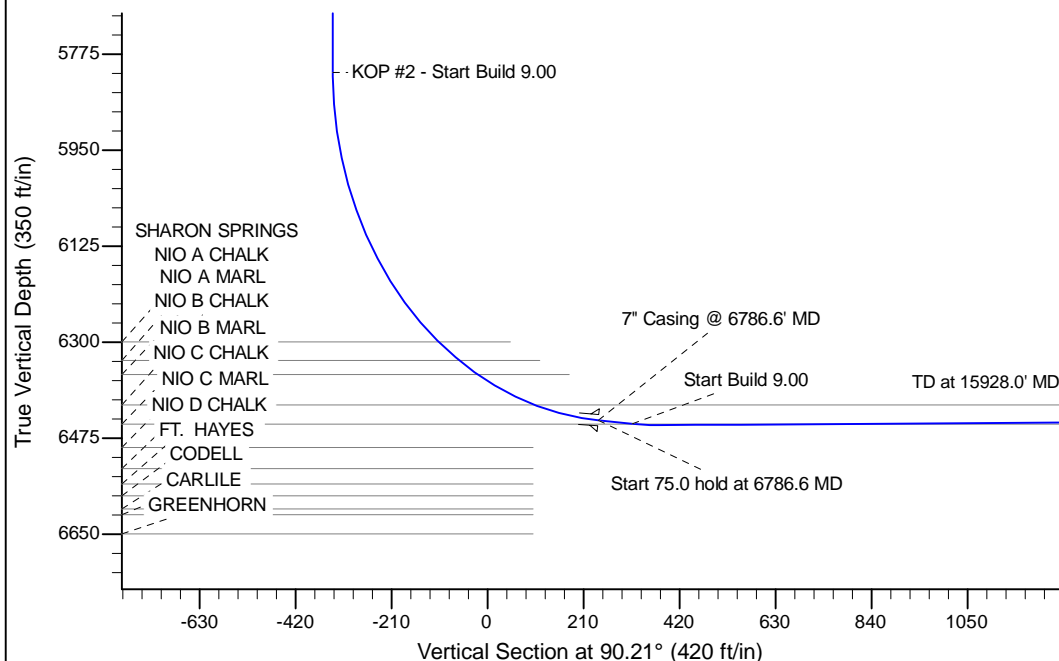
Project: Wattenberg Field
 Site: AE (Sec.32-T06N-R62W) Weld County, CO
 Well: Wells Ranch AE32-635
 Wellbore: Original Drilling
 Design: APD - Rev 0

Northern Region Drilling - Working

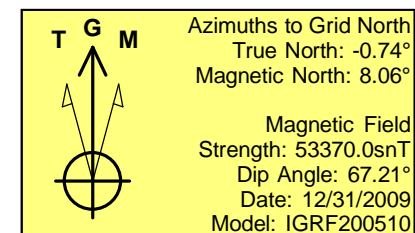
Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Colorado Northern Zone
 System Datum: Mean Sea Level

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	1601.5	8.03	222.20	1600.2	-20.8	-18.9	2.00	222.20	-18.8	
4	4822.7	8.03	222.20	4789.8	-354.2	-321.1	0.00	0.00	-319.9	
5	5224.2	0.00	0.00	5190.0	-375.0	-340.0	2.00	180.00	-338.6	
6	5842.1	0.00	0.00	5807.9	-375.0	-340.0	0.00	0.00	-338.6	
7	6786.6	85.00	87.99	6442.1	-354.6	240.8	9.00	87.99	242.1	
8	6861.6	85.00	87.99	6448.6	-352.0	315.4	0.00	0.00	316.7	
9	6920.5	90.30	87.99	6451.1	-349.9	374.2	9.00	0.00	375.5	
10	15928.0	90.30	87.99	6403.9	-33.7	9376.1	0.00	0.00	9376.2	Wells Ranch AE32-635 BHL 1650'FSL, 535'FEL



BHL: 1650'FSL, 535' FEL, Sec.33



WELL DETAILS: Wells Ranch AE32-635				
Ground Level: 4722.0				
0.0	0.0	Northing	Easting	Longitude
		1405727.55	3318857.42	-104.354400
Plan: APD - Rev 0 (Wells Ranch AE32-635/Original Drilling)				
Created By: Shailey Jewell Date: 7:22, March 25 2015				
OK to submit with 2A as per Noble Drilling 3/25/2015 7:40				