

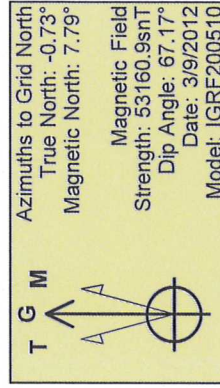
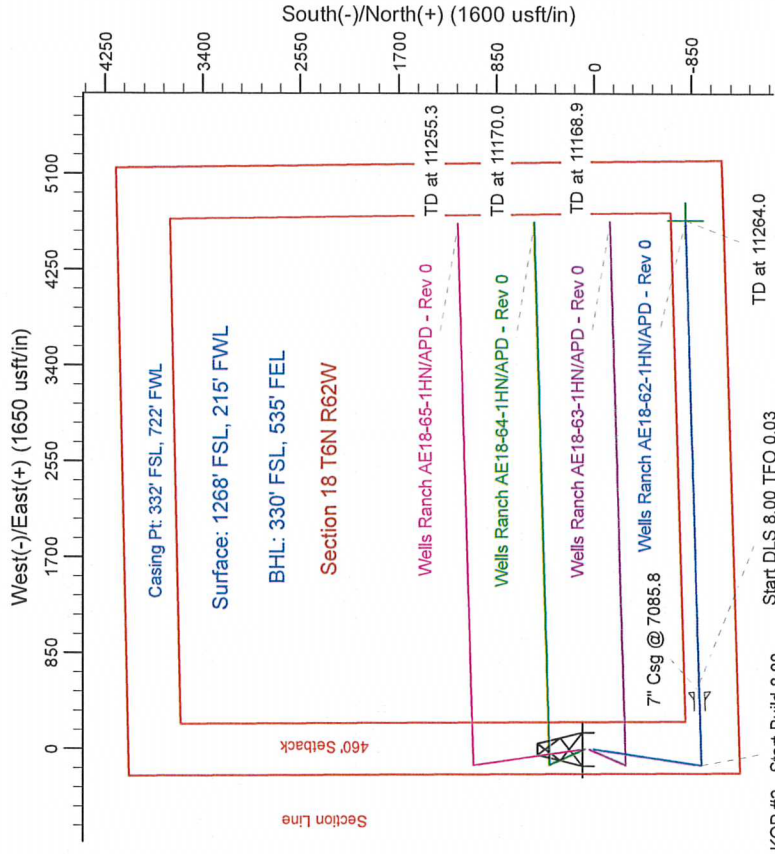
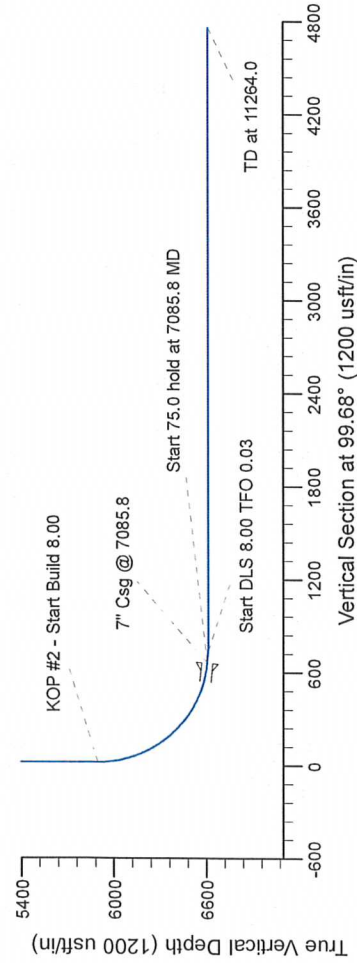
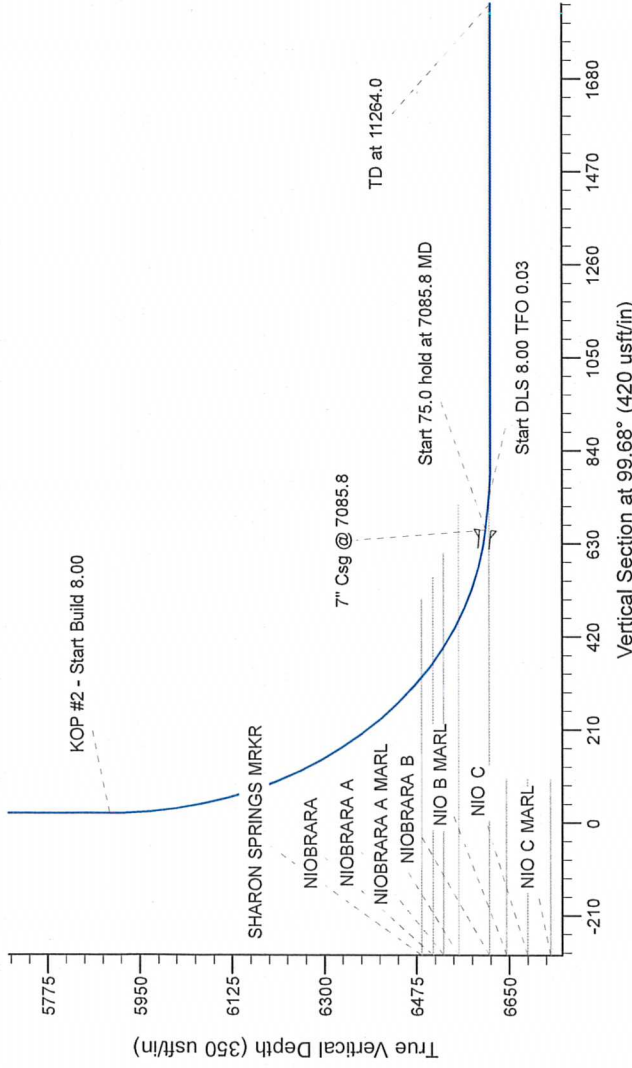
Project: Wattenberg Field  
Site: AE (Sec.18-T6N-R62W) Weld County, CO  
Well: Wells Ranch AE18-62-1HN  
Wellbore: Original Drilling  
Design: APD - Rev 0

# Northern Region Drilling

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	VSect	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	1876.6	16.92	188.49	1866.8	-98.1	-14.6	2.50	188.49	2.1	
4	4454.5	16.92	188.49	4333.2	-839.9	-125.4	0.00	0.00	17.6	
5	5131.1	0.00	0.00	5000.0	-938.0	-140.0	2.50	180.00	19.7	
6	6023.3	0.00	0.00	5992.2	-938.0	-140.0	0.00	0.00	19.7	
7	7085.8	85.00	88.36	6605.7	-919.3	513.5	8.00	88.36	660.8	
8	7160.8	85.00	88.36	6612.2	-917.2	588.2	0.00	0.00	734.0	
9	7223.3	90.00	88.36	6614.9	-915.4	650.6	8.00	0.03	795.2	
10	11264.0	90.00	88.36	6615.0	-799.9	4689.7	0.00	0.00	4757.4	Wells Ranch AE18-62-1HN BHL 330'FSL, 535'FEL



WELL DETAILS: Wells Ranch AE18-62-1HN			
Northing	Ground Level	Latitude	Longitude
1420692.59	4831.0	40.482750	-104.374640
Plan: APD - Rev 0 (Wells Ranch AE18-62-1HN/Original Drilling)			
Created By: Carrie Willers	Date: 11:07, March 09 2012	Checked:	Date:
Reviewed:	Date:	Approved:	Date: