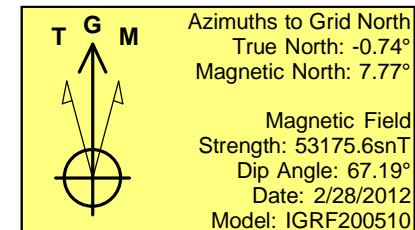
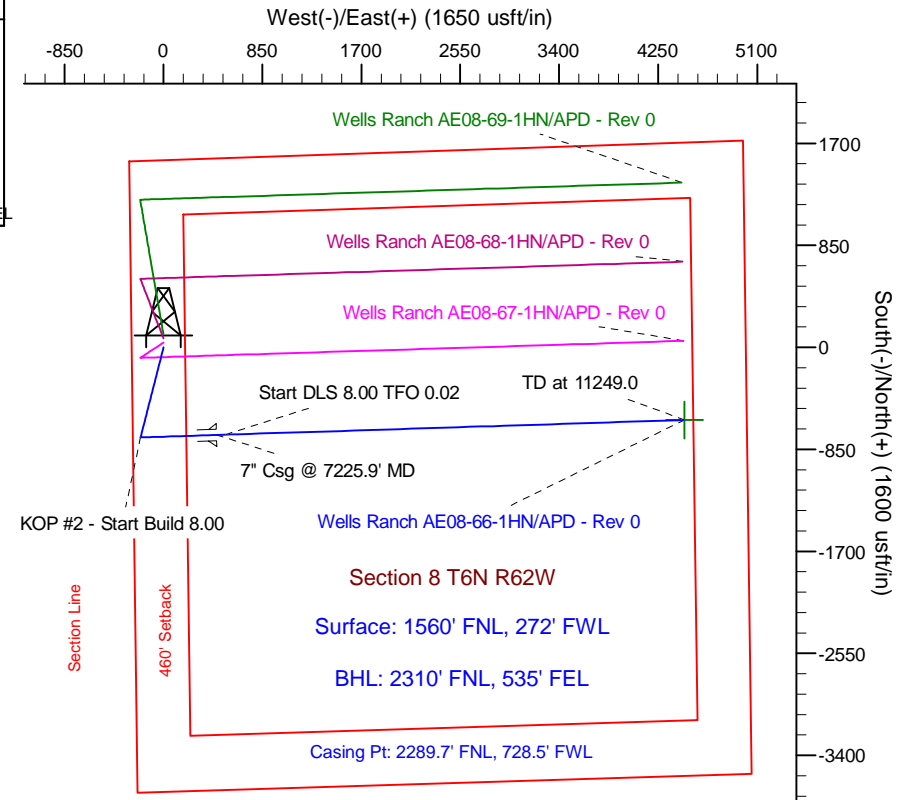
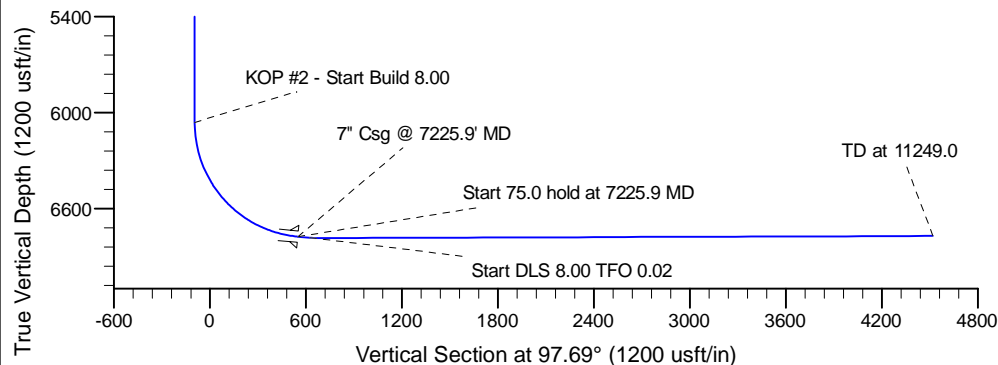
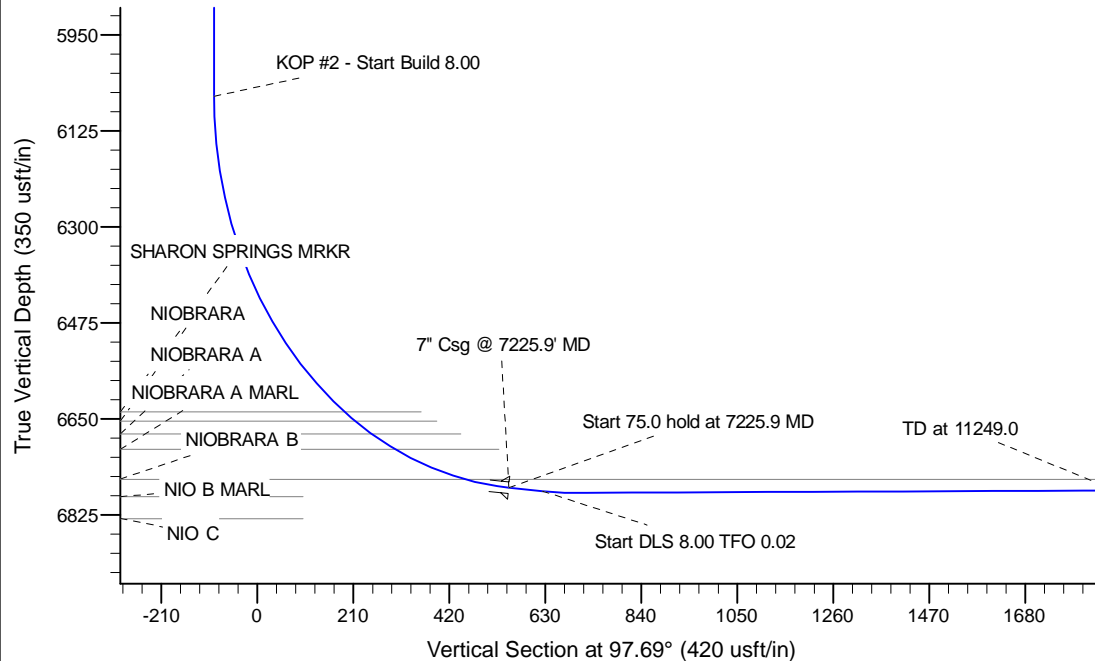


Project: Wattenberg Field
 Site: AE (Sec.8-T06N-R62W) Weld County, CO
 Well: Wells Ranch AE08-66-1HN
 Wellbore: Original Drilling
 Design: APD - Rev 0

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	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	2146.9	16.17	194.72	2138.4	-87.7	-23.0	2.50	194.72	-11.1	
4	4279.6	16.17	194.72	4186.6	-662.3	-174.0	0.00	0.00	-83.7	
5	4926.5	0.00	0.00	4825.0	-750.0	-197.0	2.50	180.00	-94.8	
6	6163.4	0.00	0.00	6061.9	-750.0	-197.0	0.00	0.00	-94.8	
7	7225.9	85.00	88.22	6775.4	-729.7	456.5	8.00	88.22	550.0	
8	7300.9	85.00	88.22	6781.9	-727.4	531.1	0.00	0.00	623.7	
9	7365.9	90.20	88.22	6784.6	-725.4	596.0	8.00	0.02	687.8	
10	11249.0	90.20	88.22	6771.2	-604.9	4477.2	0.00	0.00	4517.9	Wells Ranch AE08-66-1HN BHL 2310'FNL, 535'FEL



WELL DETAILS: Wells Ranch AE08-66-1HN			
Ground Level: 4986.0			
Northing	Easting	Latitude	Longitude
1428558.18	3318409.49	40.504150	-104.354950
Plan: APD - Rev 0 (Wells Ranch AE08-66-1HN/Original Drilling)			
Created By: Carrie Willers		Date: 16:17, February 29 2012	
OK to submit with 2A as per Noble Drilling			
3/1/2012 09:12			