

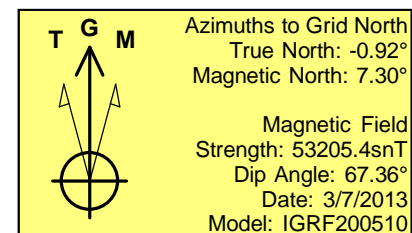
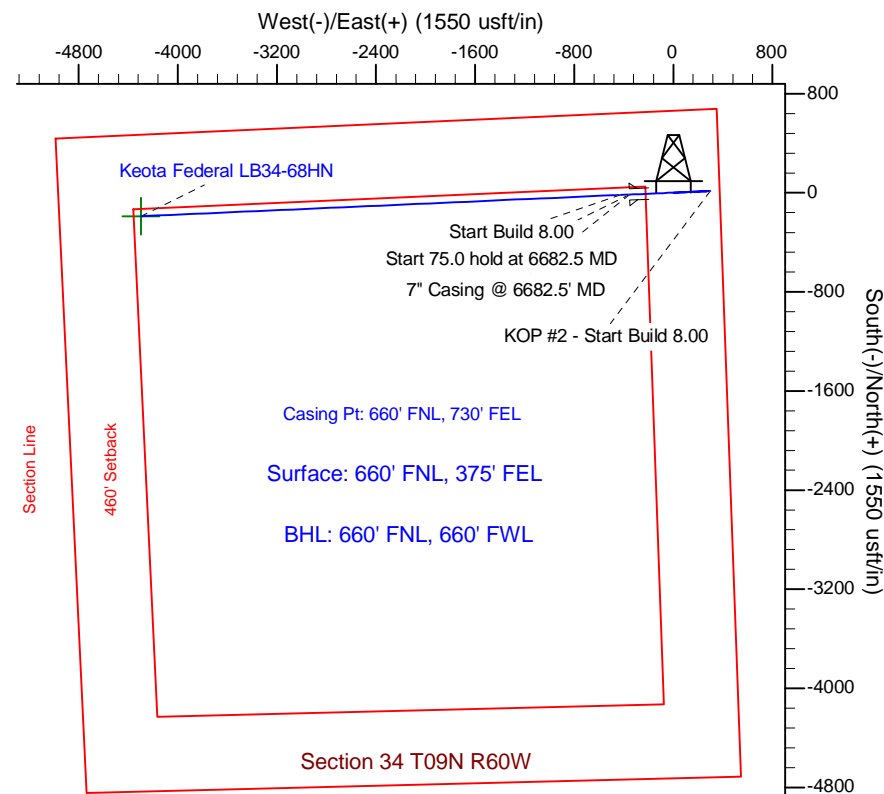
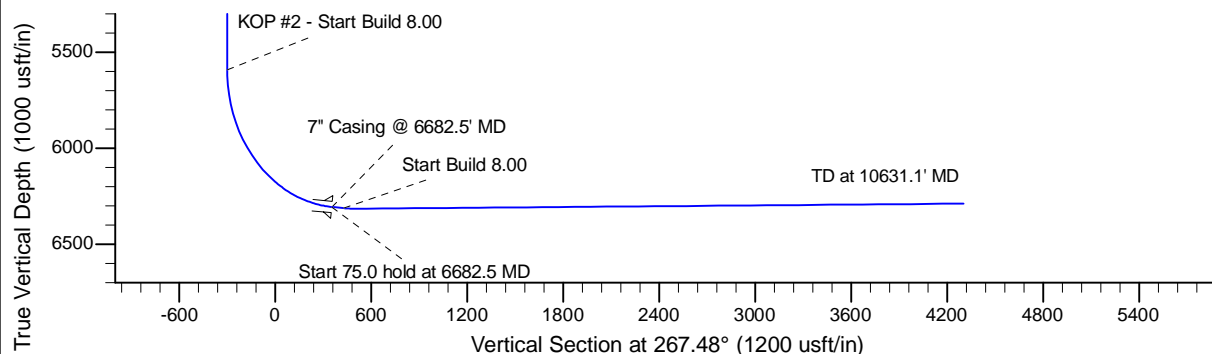
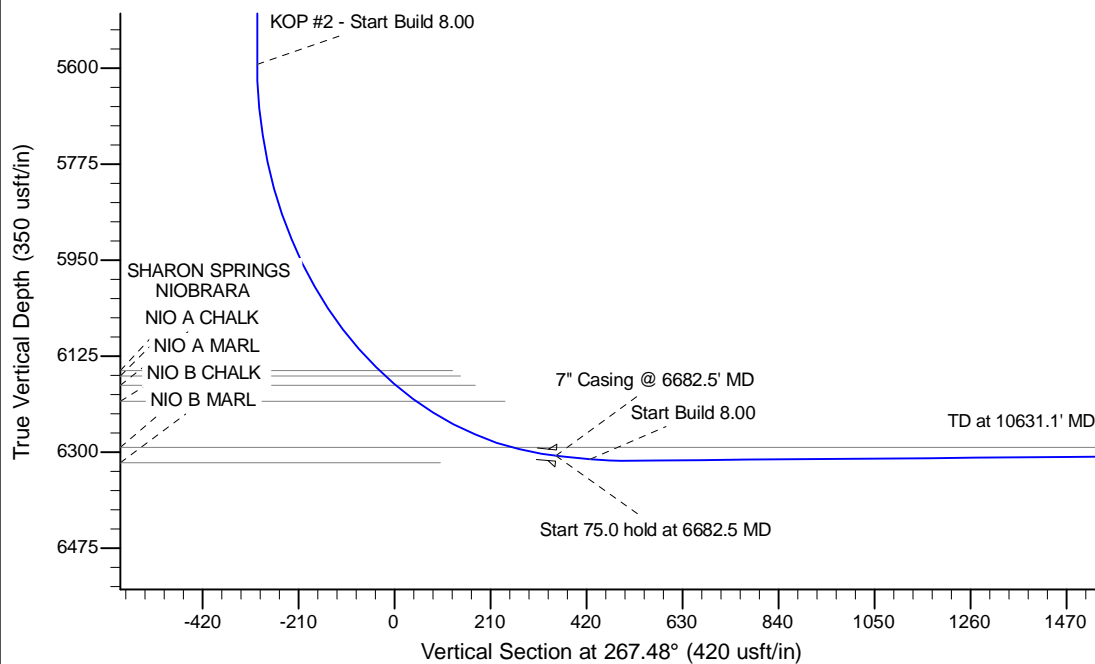
Project: Wattenberg Field
 Site: LB (Sec.34-T09N-R60W) Weld County, CO
 Well: Keota Federal LB34-68HN
 Wellbore: Original Drilling
 Design: APD - Rev 0

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	VSec	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	2400.3	12.01	87.14	2395.9	3.1	62.6	2.00	87.14	-62.7	
4	3241.9	12.01	87.14	3219.1	11.9	237.4	0.00	0.00	-237.7	
5	3842.2	0.00	0.00	3815.0	15.0	300.0	2.00	180.00	-300.4	
6	5620.0	0.00	0.00	5592.9	15.0	300.0	0.00	0.00	-300.4	
7	6682.5	85.00	267.46	6306.3	-14.0	-353.1	8.00	267.46	353.4	
8	6757.5	85.00	267.46	6312.9	-17.3	-427.8	0.00	0.00	428.1	
9	6825.0	90.40	267.46	6315.6	-20.3	-495.1	8.00	0.00	495.5	
10	10631.1	90.40	267.46	6289.0	-189.2	-4297.4	0.00	0.00	4301.5	Keota Federal LB34-68HN BHL 660'FNL, 660'FWL



WELL DETAILS: Keota Federal LB34-68HN					
Ground Level: 4946.0					
0.0	0.0	Northing	Easting	Latitude	Longitude
		1505432.76	3396413.91	40.712030	-104.070020
Plan: APD - Rev 0 (Keota Federal LB34-68HN/Original Drilling)					
Created By: Shailey Jewell		Date: 8:38, March 15 2013			
Checked: _____		Date: _____			
Reviewed: _____		Date: _____			
Approved: _____		Date: _____			