

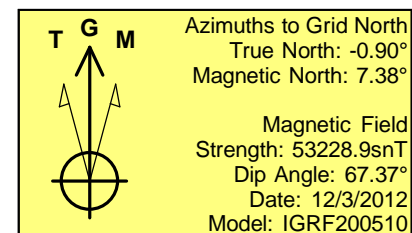
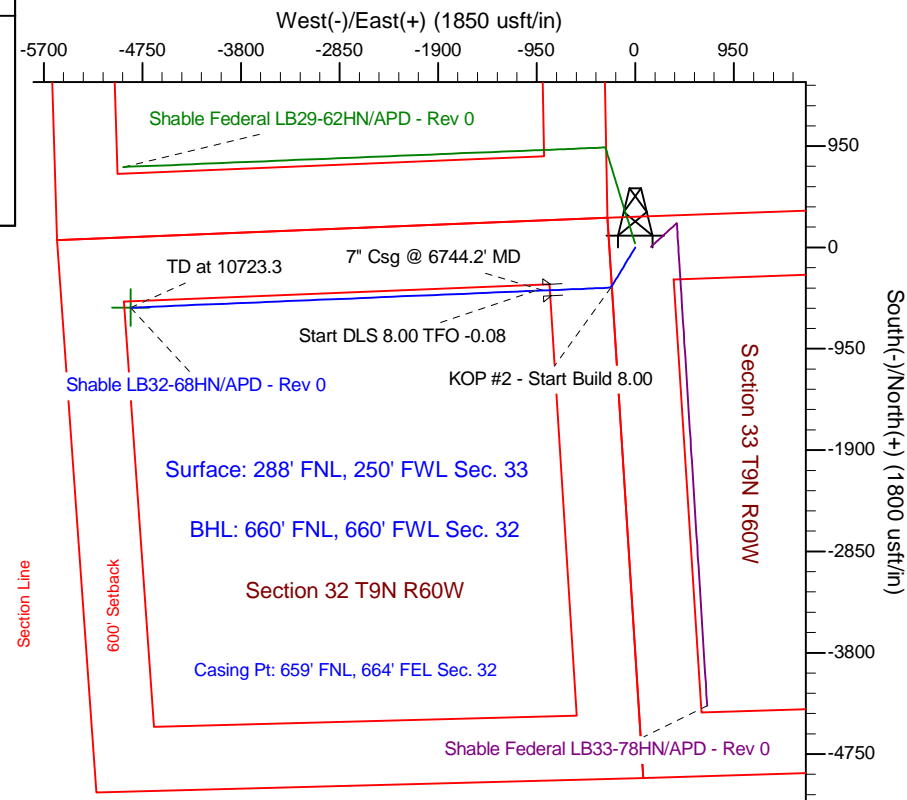
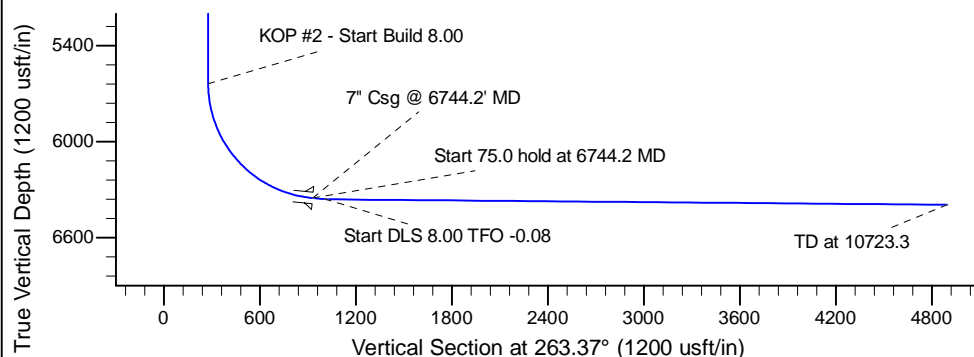
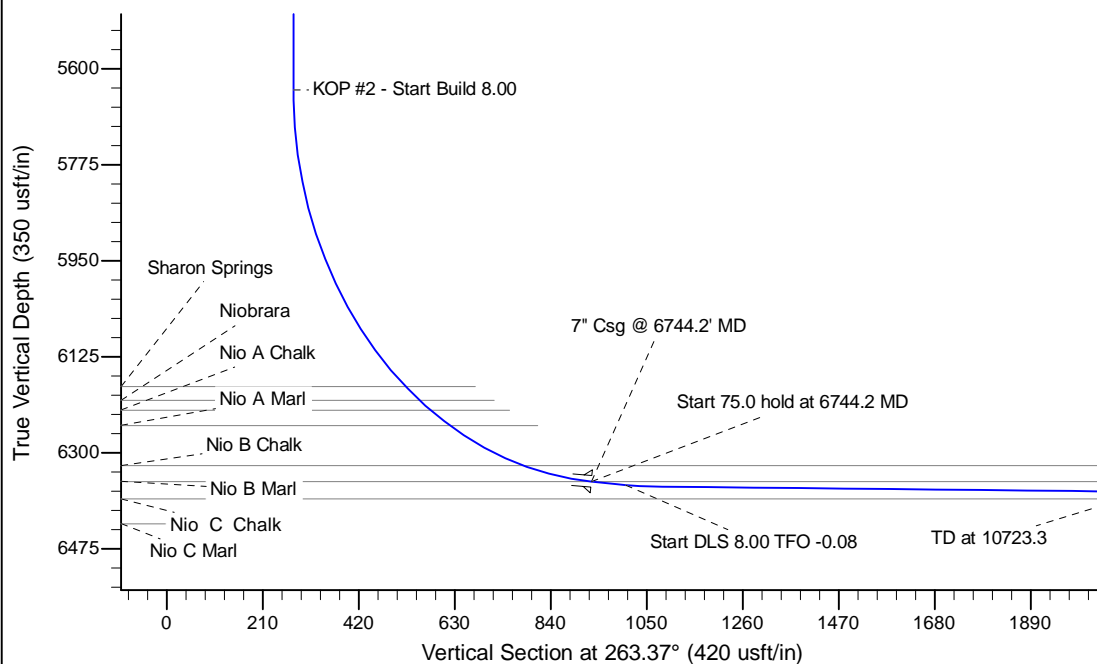
Project: Wattenberg Field
 Site: LB (Sec.33-T09N-R60W) Weld County, CO
 Well: Shable LB32-68HN
 Wellbore: Original Drilling
 Design: APD - Rev 0

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	VSect	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	2279.9	12.00	211.94	2276.4	-42.5	-26.5	2.50	211.94	31.2	
4	3935.2	12.00	211.94	3895.6	-334.5	-208.5	0.00	0.00	245.7	
5	4415.2	0.00	0.00	4372.0	-377.0	-235.0	2.50	180.00	276.9	
6	5681.7	0.00	0.00	5638.5	-377.0	-235.0	0.00	0.00	276.9	
7	6744.2	85.00	267.68	6352.0	-403.5	-888.2	8.00	267.68	928.9	
8	6819.2	85.00	267.68	6358.5	-406.5	-962.9	0.00	0.00	1003.4	
9	6875.5	89.50	267.67	6361.2	-408.8	-1019.0	8.00	-0.08	1059.4	
10	10723.3	89.50	267.67	6394.7	-564.9	-4863.6	0.00	0.00	4896.3	Shable LB32-68HN BHL 660'FNL, 660'FWL



WELL DETAILS: Shable LB32-68HN			
Ground Level:	4940.0	Latitude	40.712400
Northing	1505406.94	Easting	3386325.28
Longitude	-104.106408		
Plan: APD - Rev 0 (Shable LB32-68HN/Original Drilling)			
Created By: Carrie Willers	Date: 13:52, January 04 2013		
Checked: _____	Date: _____		
Reviewed: _____	Date: _____		
Approved: _____	Date: _____		