

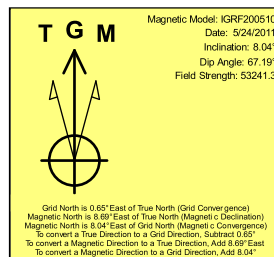
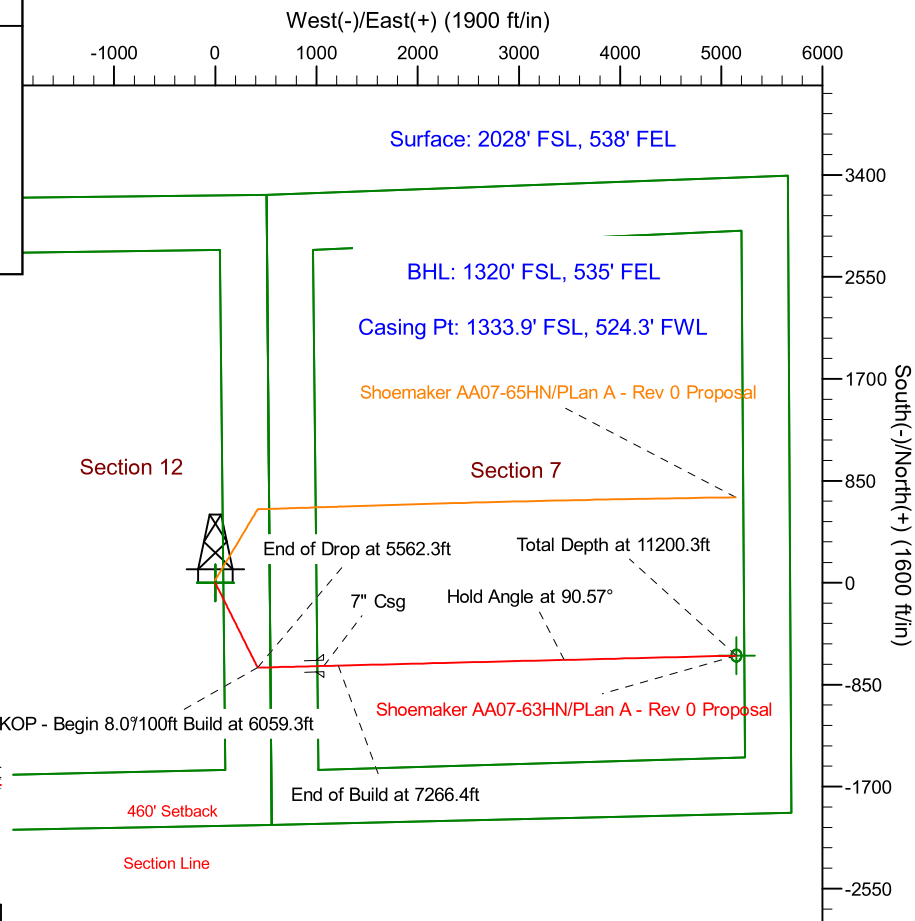
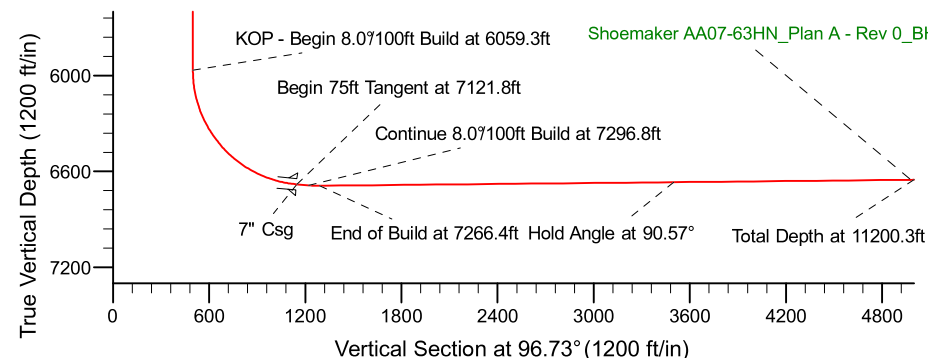
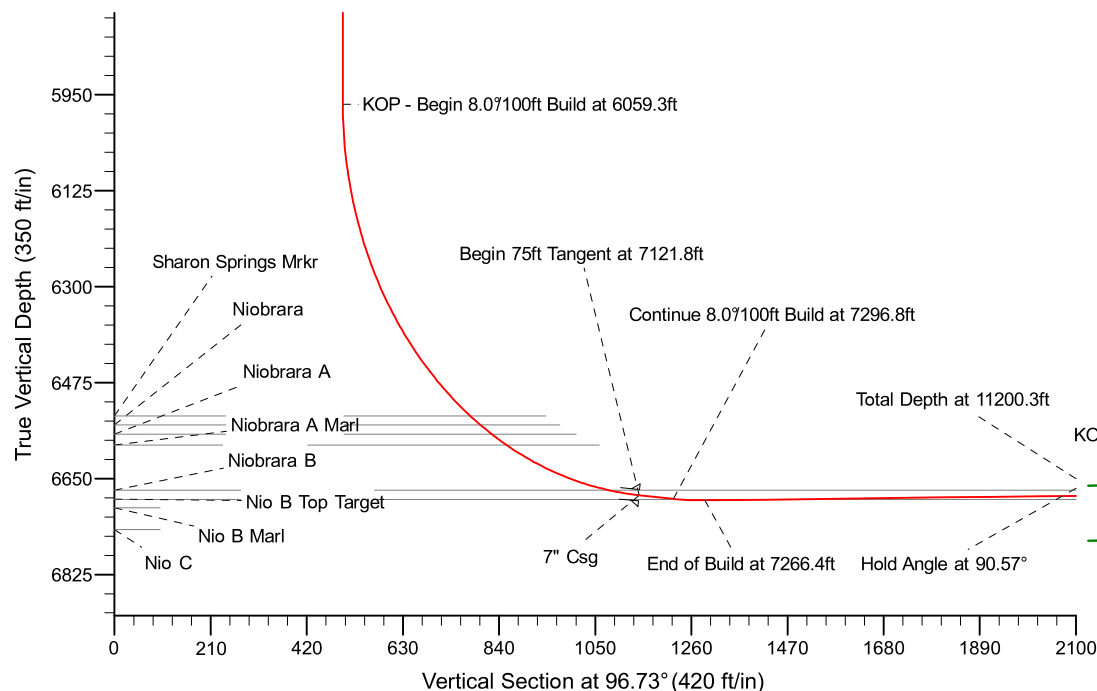
Project: Weld County Colorado (NAD 83)
 Site: Sec. 12, T6N, R64W
 Well: Shoemaker AA07-63HN
 Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)
 Design: Plan A - Rev 0 Proposal

Noble Energy

HALLIBURTON
 Sperry Drilling

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	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	2039.9	13.50	149.38	2034.9	-54.5	32.2	2.50	149.38	38.4	
4	5022.5	13.50	149.38	4935.1	-653.5	386.8	0.00	0.00	460.7	
5	5562.3	0.00	0.00	5470.0	-708.0	419.0	2.50	180.00	499.1	
6	6059.3	0.00	0.00	5967.0	-708.0	419.0	0.00	0.00	499.1	
7	7121.8	85.00	88.78	6680.4	-694.1	1072.6	8.00	88.78	1146.6	
8	7196.8	85.00	88.78	6687.0	-692.5	1147.3	0.00	0.00	1220.6	
9	7266.4	90.57	88.78	6689.7	-691.0	1216.9	8.00	0.00	1289.4	
10	11200.3	90.57	88.79	6650.4	-607.6	5149.7	0.00	69.86	5185.4	Shoemaker AA07-63HN_Plan A - Rev 0_BHL Tgt-



WELL DETAILS: Shoemaker AA07-63HN(NAD83 Geodetic System)			
Ground Level:		4688.0	
Northing	Easting	Latitude	Longitude
434731.55	999950.87	40° 29' 56.976 N	104° 29' 26.664 W
Plan: PAn A - Rev 0 Proposal (Shoemaker AA07-63HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))			
Created By: Erasmo Mendoza		Date: 13:21, May 31 2011	
<div>OK to submit with 2A as per Noble Drilling</div> <div>6/2/2011 08:42</div>			