

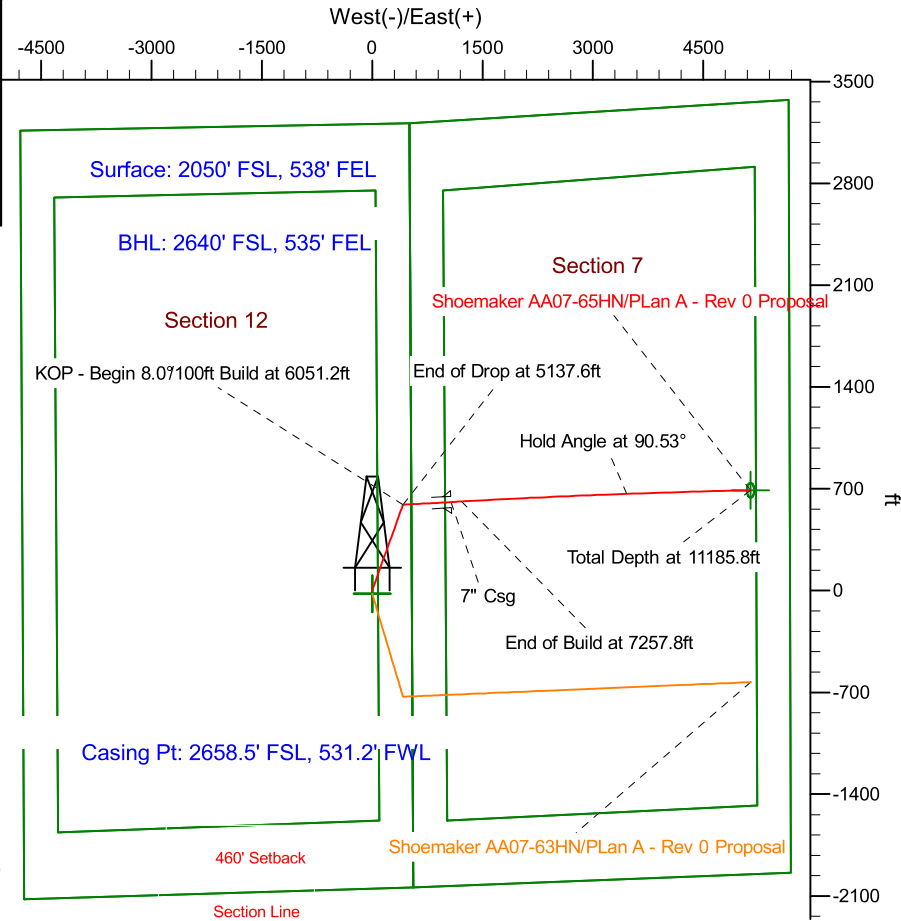
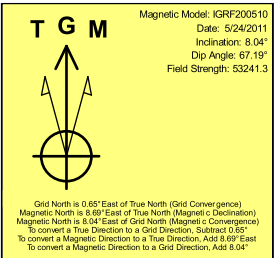
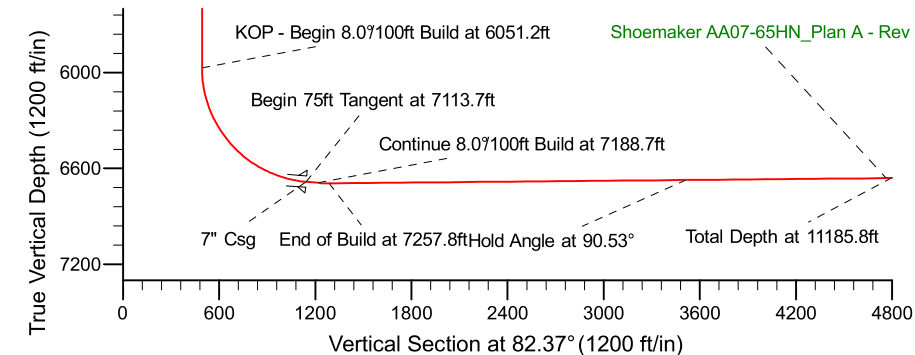
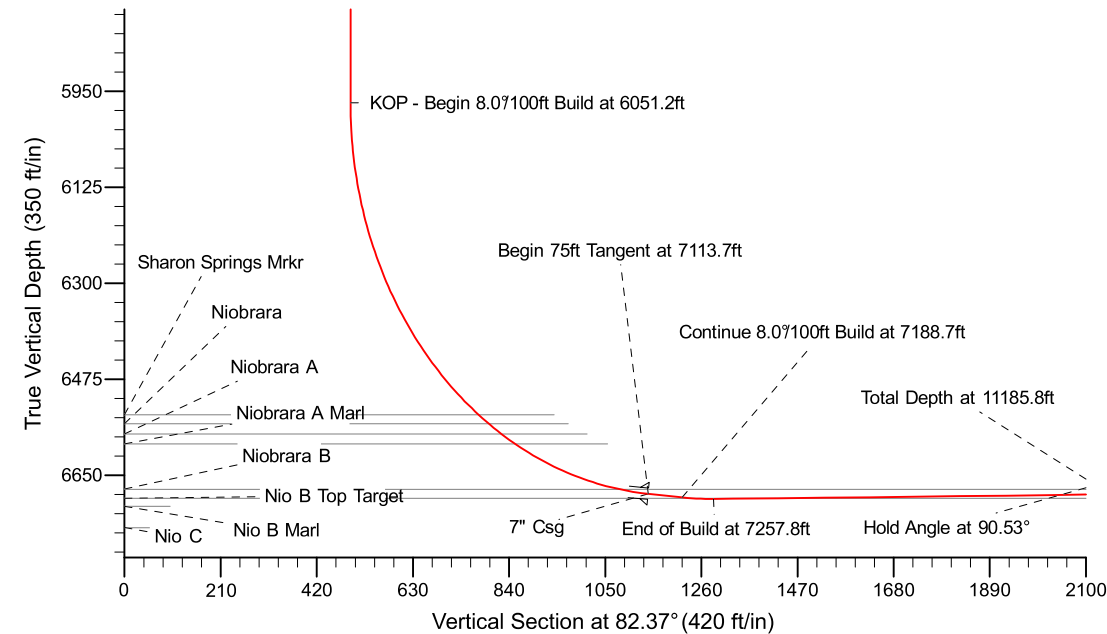
Project: Weld County Colorado (NAD 83)
Site: Sec. 12, T6N, R64W
Well: Shoemaker AA07-65HN
Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)
Design: Plan A - Rev 0 Proposal

Noble Energy



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	35.38	2035.0	51.6	36.7	2.50	35.38	43.2	
4	4597.7	13.50	35.38	4522.0	538.4	382.3	0.00	0.00	450.5	
5	5137.6	0.00	0.00	5057.0	590.0	419.0	2.50	180.00	493.7	
6	6051.2	0.00	0.00	5970.6	590.0	419.0	0.00	0.00	493.7	
7	7113.7	85.00	88.38	6684.1	608.5	1072.5	8.00	88.38	1143.8	
8	7188.7	85.00	88.38	6690.6	610.6	1147.2	0.00	0.00	1218.2	
9	7257.8	90.53	88.38	6693.3	612.5	1216.2	8.00	0.00	1286.8	
10	11185.6	90.53	89.38	6657.0	689.4	5143.0	0.03	90.02	5189.0	Shoemaker AA07-65HN_Plan A - Rev 0_BHL Tgt-



WELL DETAILS: Shoemaker AA07-65HN(NAD83 Geodetic System)			
Ground Level:		4688.0	
Northing	Easting	Latitude	Longitude
434738.20	999950.80	40° 29' 57.192 N	104° 29' 26.664 W
Plan: PAn A - Rev 0 Proposal (Shoemaker AA07-65HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))			
Created By: Erasmo Mendoza		Date: 18:37, May 26 2011	
<div>OK to submit with 2A as per Noble Drilling</div> <div>6/2/2011 09:41</div>			