

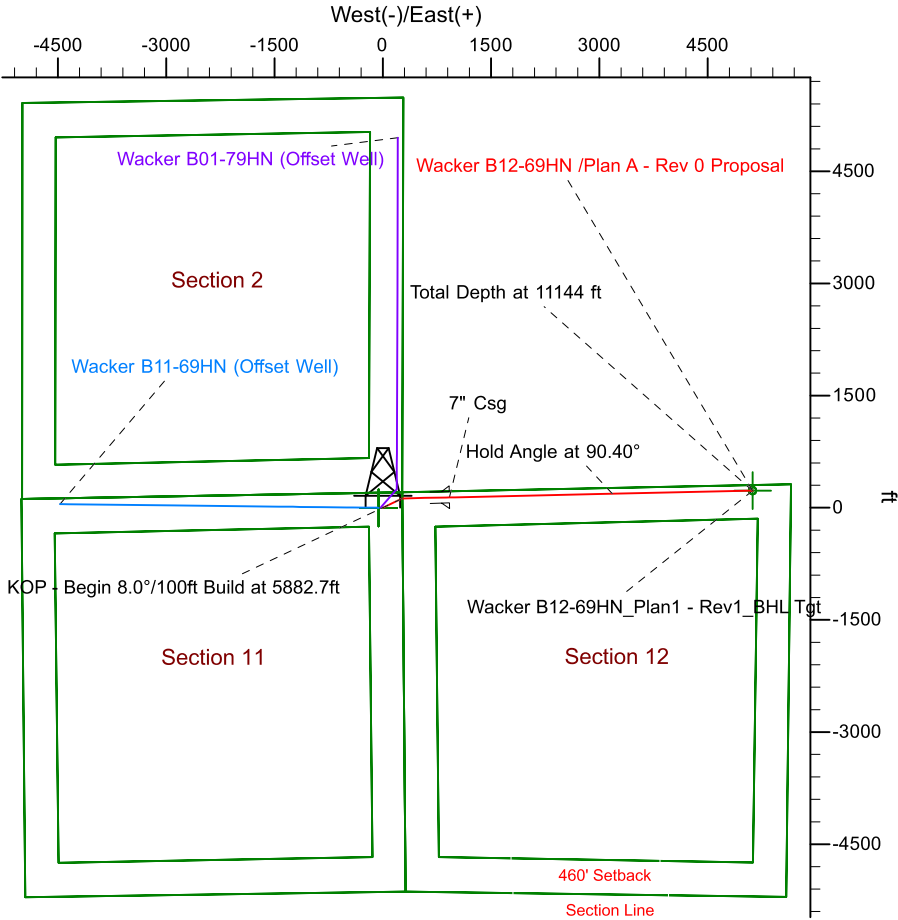
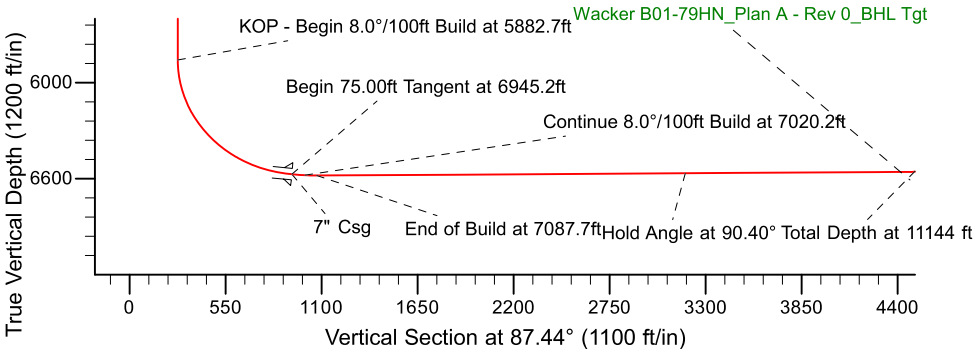
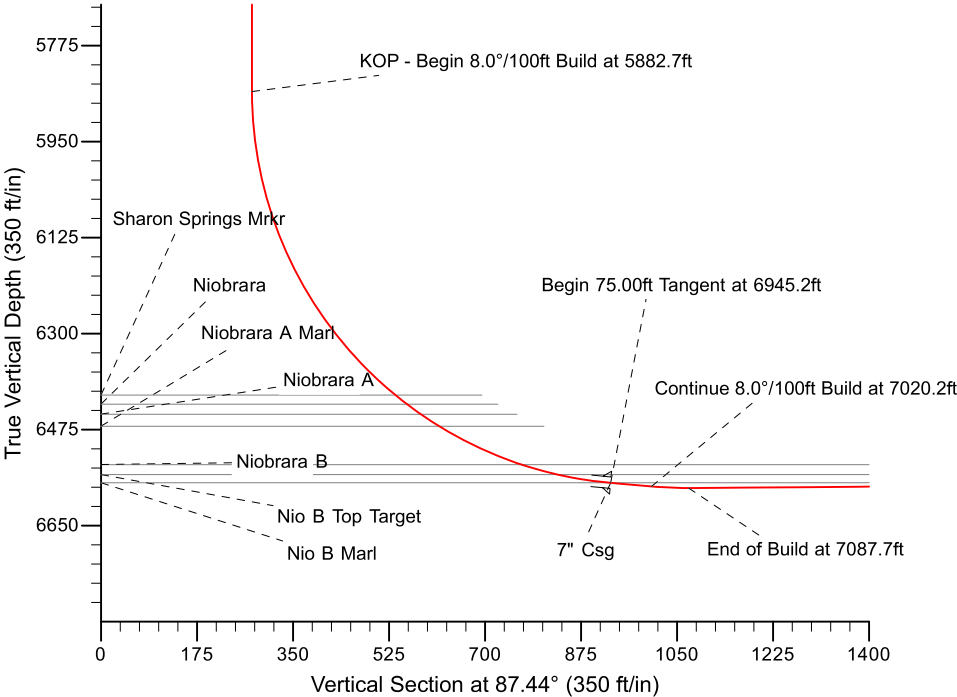
Project: Weld County, CO (NAD 83)
Site: Sec. 11 T5N, R64W
Well: Wacker B12-69HN
Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)
Design: Plan A - Rev 0 Proposal

Noble Energy

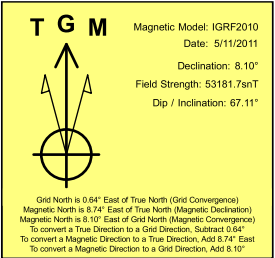


SECTION DETAILS

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	2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0	
3	2400.1	10.00	65.16	2398.1	14.6	31.6	2.50	65.16	32.2	
4	3711.9	10.00	65.16	3689.9	110.4	238.4	0.00	0.00	243.1	
5	4112.0	0.00	0.00	4088.0	125.0	270.0	2.50	180.00	275.3	
6	5882.7	0.00	0.00	5858.7	125.0	270.0	0.00	0.00	275.3	
7	6945.2	85.00	88.77	6572.2	139.0	923.6	8.00	88.77	928.9	
8	7020.2	85.00	88.77	6578.7	140.6	998.3	0.00	0.00	1003.6	
9	7087.7	90.40	88.77	6581.4	142.1	1065.7	8.00	0.00	1071.0	
10	1144.0	90.40	88.77	6553.2	229.0	5121.0	0.00	124.50	5126.1	Wacker B12-69HN_Plan1 - Rev1_BHL Tgt



Surface: 200' FNL, 270' FEL
BHL: 75' FNL, 535' FEL
Casing Pt: 78' FNL, 653.6' FWL



WELL DETAILS: Wacker B12-69HN (NAD83 Geodetic System)			
Ground Level:		4595.0	
Northing	Easting	Latitude	Longitude
425992.43	998495.53	40° 25' 14.196 N	104° 30' 32.616 W
Plan: Plan A - Rev 0 Proposal (Wacker B12-69HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))			
Created By: Jose Patino		Date: 15:53, May 11 2011	
<div>OK to submit with 2A as per Noble Drilling</div> <div>5/11/2011 16:37</div>			