

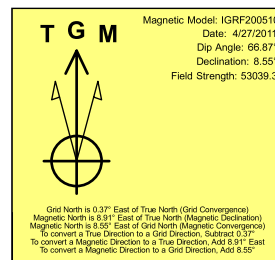
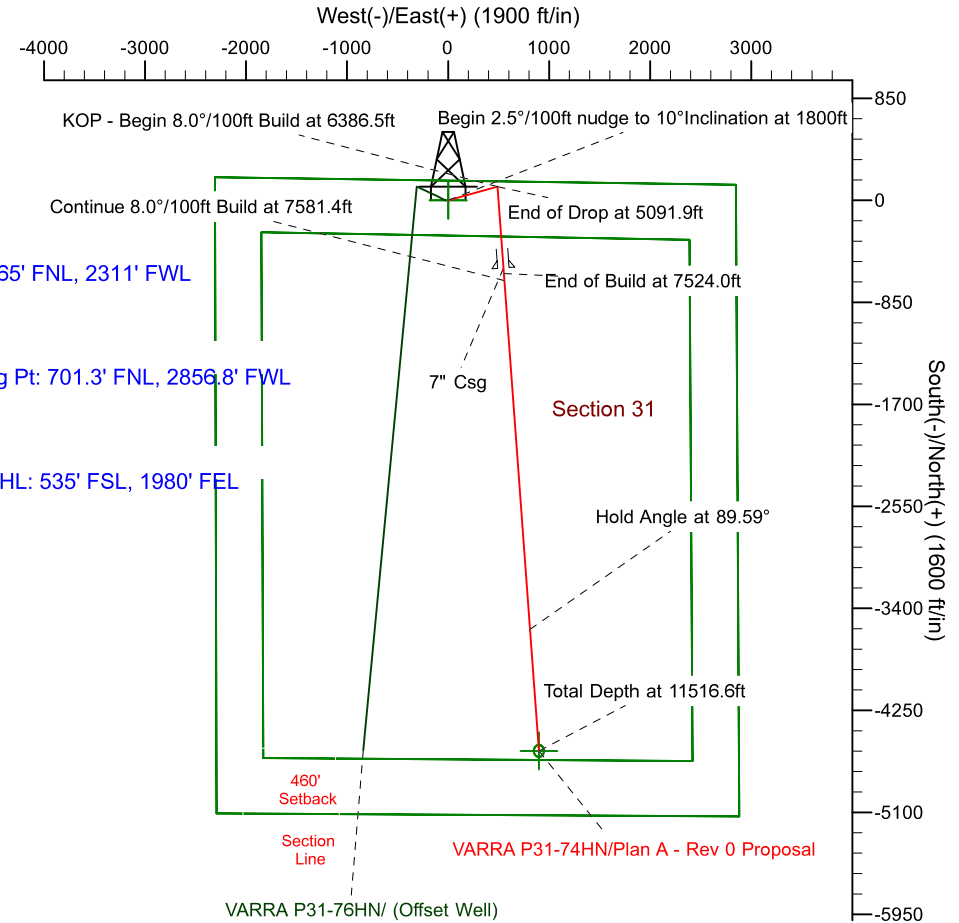
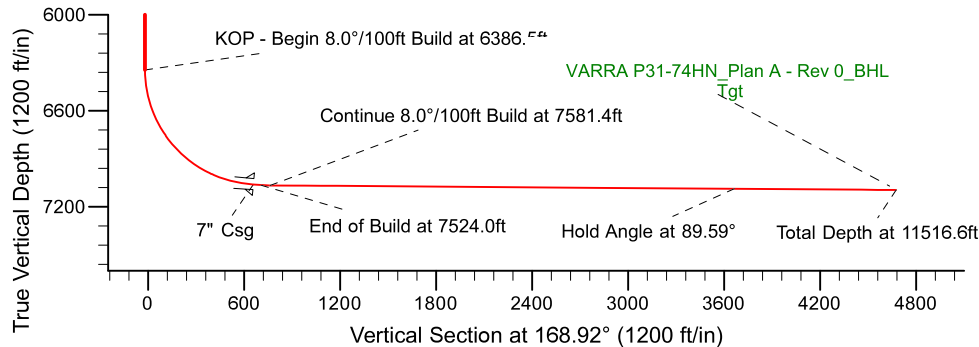
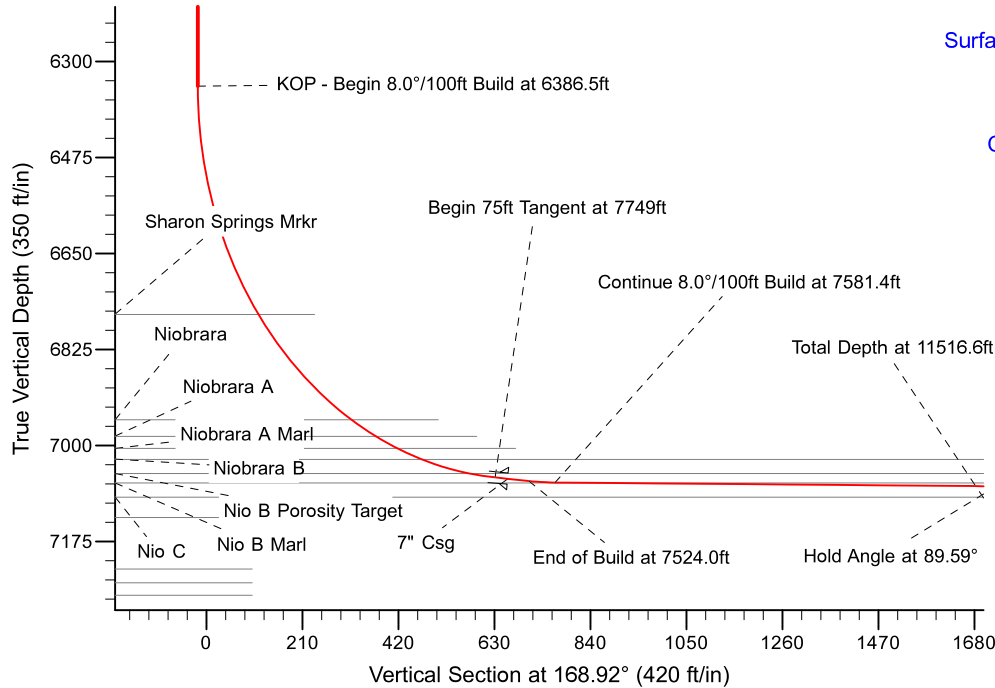
Project: Weld County Colorado (NAD 83)
 Site: Sec. 31, T3N, R67W
 Well: VARRA P31-74HN
 Wellbore: Plan A Rev 0 (PERMITTING PLAN ONLY)
 Design: Plan A - Rev 0 Proposal

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	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00	0.00	0.0	
3	2200.0	10.00	76.77	2198.0	8.0	33.9	2.50	76.77	-1.3	
4	4691.9	10.00	76.77	4652.0	107.0	455.1	0.00	0.00	-17.6	
5	5091.9	0.00	0.00	5050.0	115.0	489.0	2.50	180.00	-18.9	
6	6386.5	0.00	0.00	6344.6	115.0	489.0	0.00	0.00	-18.9	
7	7449.0	85.00	175.02	7058.1	-536.3	545.8	8.00	175.02	631.2	
8	7524.0	85.00	175.02	7064.6	-610.7	552.2	0.00	0.00	705.5	
9	7581.4	89.59	175.02	7067.3	-667.8	557.2	8.00	0.00	762.4	
10	1516.6	89.59	175.03	7095.4	-4588.1	898.4	0.00	88.10	4675.3	VARRA P31-74HN_Plan A - Rev 0_BHL Tgt-



WELL DETAILS: VARRA P31-74HN(NAD83 Geodetic System)				
Ground Level:		4805.0		
Northing	Easting	Latitude	Longitude	
400009.59	962641.11	40° 11' 22.020 N	104° 56' 0.600 W	
Plan: Plan A - Rev 0 Proposal (VARRA P31-74HN/Plan A Rev 0 (PERMITTING PLAN ONLY))				
Created By: Erasmo Mendoza		Date: 6:23, April 28 2011		
<div>OK to submit with 2A as per Noble Drilling</div> <div>4/28/2011 08:11</div>				