

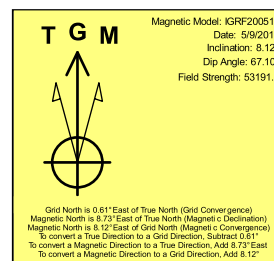
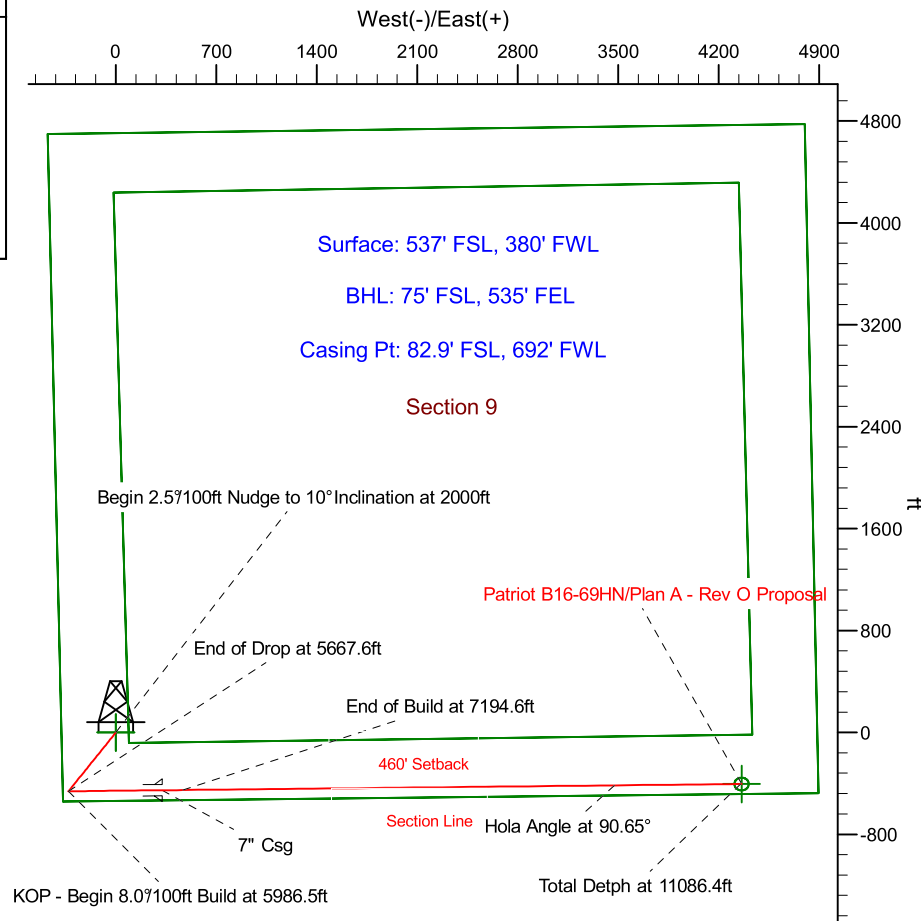
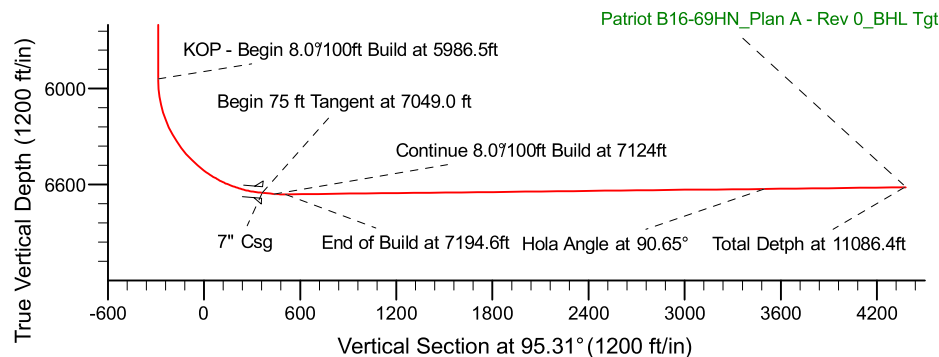
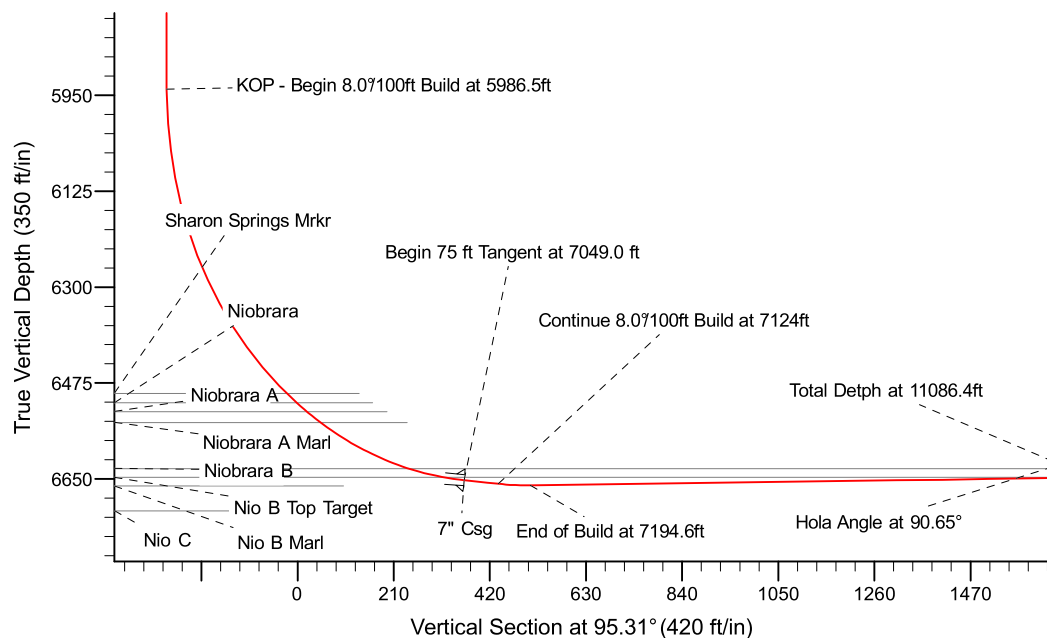
Project: Weld County Colorado (NAD 83)  
 Site: Sec. 9, T5N, R64W  
 Well: Patriot B16-69HN  
 Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)  
 Design: Plan A - Rev O Proposal

# Noble Energy

**HALLIBURTON**  
 Sperry Drilling

## 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	2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0	
3	2400.1	10.00	215.54	2398.1	-28.4	-20.3	2.50	215.54	-17.5	
4	5267.5	10.00	215.54	5221.9	-433.6	-309.7	0.00	0.00	-268.3	
5	5667.6	0.00	0.00	5620.0	-462.0	-330.0	2.50	180.00	-285.8	
6	5986.5	0.00	0.00	5938.9	-462.0	-330.0	0.00	0.00	-285.8	
7	7049.0	85.00	89.31	6652.3	-454.1	323.7	8.00	89.31	364.4	
8	7124.0	85.00	89.31	6658.9	-453.2	398.4	0.00	0.00	438.7	
9	7194.6	90.65	89.31	6661.5	-452.4	469.0	8.00	0.00	508.8	
10	11086.4	90.65	89.30	6617.3	-405.3	4360.2	0.00	-70.55	4379.0	Patriot B16-69HN_Plan A - Rev 0_BHL Tgt-



## WELL DETAILS: Patriot B16-69HN(NAD83 Geodetic System)

Ground Level: 4603.0  
 Northing: 424545.76 Easting: 993921.09 Latitude: 40° 24' 28.908 N Longitude: 104° 33' 47.304 W

Plan: Plan A - Rev O Proposal (Patriot B16-69HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))

Created By: Erasmo Mendoza Date: 14:02, May 10 2011

**OK to submit with 2A as per Noble Drilling**  
**5/11/2011 08:08**