

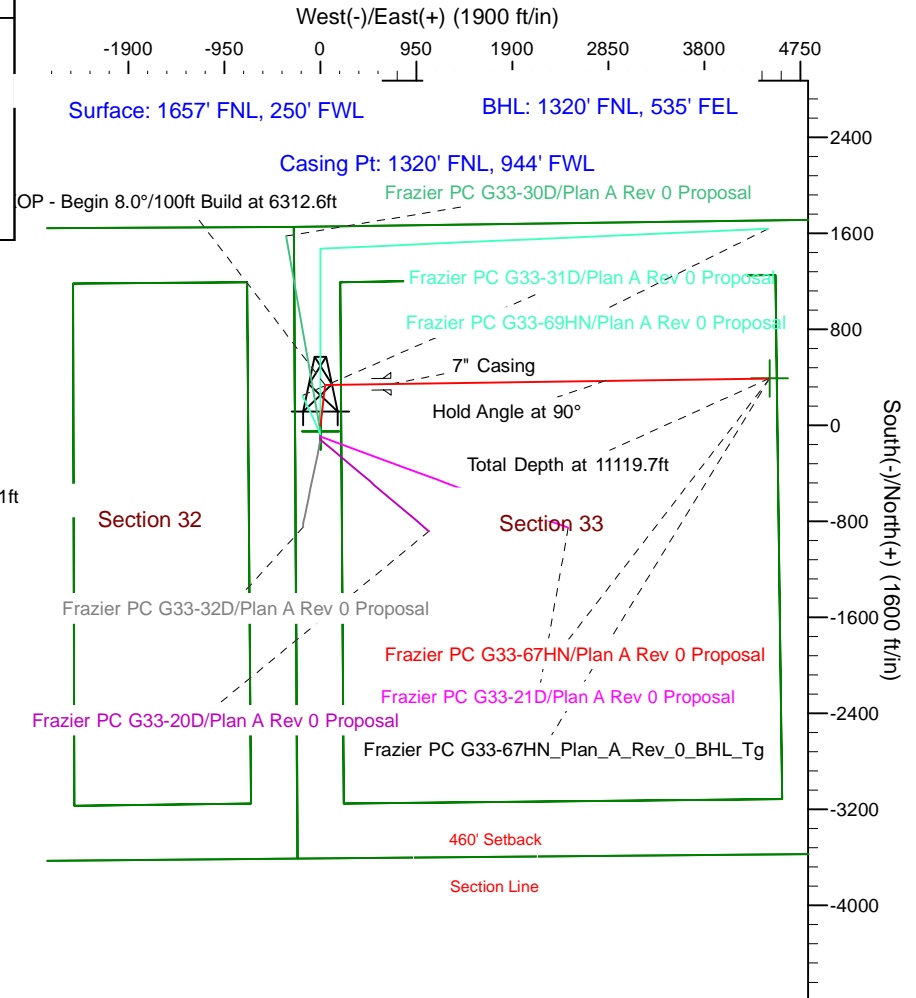
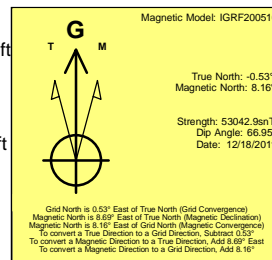
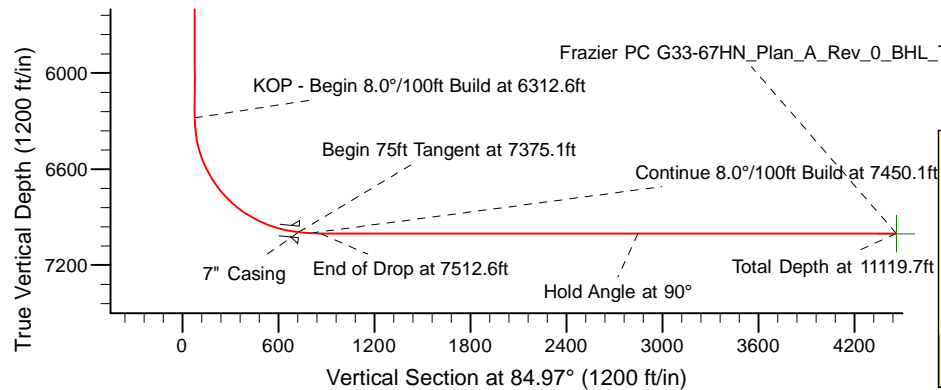
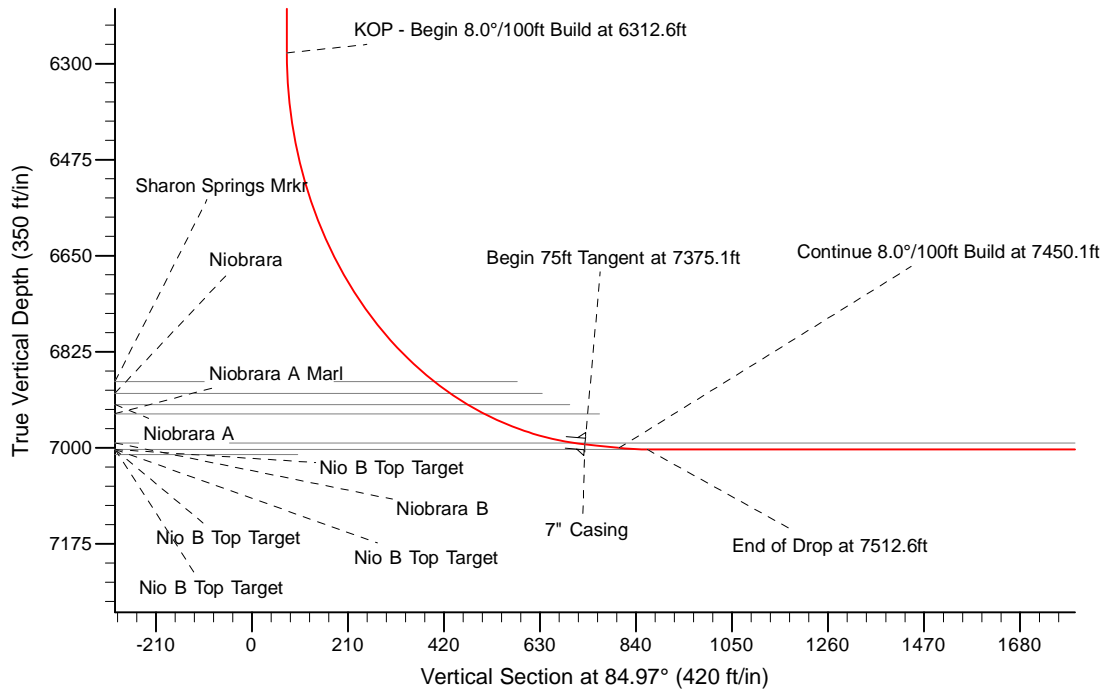
Project: Weld County Colorado (NAD 83)  
 Site: Sec. 32, T4N, R65W  
 Well: Frazier PC G33-67HN  
 Wellbore: Plan A Rev 0 (PERMITTING PLAN ONLY)  
 Design: Plan A Rev 0 Proposal

# Noble Energy

**HALLIBURTON**  
 Sperry Drilling

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	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	2480.0	12.00	7.91	2476.5	49.6	6.9	2.50	7.91	11.2	
4	3636.9	12.00	7.91	3608.1	287.8	40.0	0.00	0.00	65.1	
5	4116.9	0.00	0.00	4084.6	337.4	46.9	2.50	180.00	76.3	
6	6312.6	0.00	0.00	6280.3	337.4	46.9	0.00	0.00	76.3	
7	7375.1	85.00	89.30	6993.8	345.5	700.6	8.00	89.30	728.2	
8	7450.1	85.00	89.30	7000.3	346.4	775.3	0.00	0.00	802.7	
9	7512.6	90.00	89.30	7003.0	347.1	837.7	8.00	0.00	864.9	
10	11119.7	90.00	89.30	7003.0	391.4	4444.6	0.00	-70.32	4461.8	Frazier PC G33-67HN_Plan_A_Rev_0_BHL_Tg



WELL DETAILS: Frazier PC G33-67HN (NAD83 Geodetic System)

Ground Level: 4834.0  
 Northing: 409297.52 Easting: 984416.47 Latitude: 40° 16' 17.616 N Longitude: 104° 40' 36.408 W

Plan: Plan A Rev 0 Proposal (Frazier PC G33-67HN/Plan A Rev 0 (PERMITTING PLAN ONLY))

Created By: Erasmo Mendoza Date: 12:13, December 19 2011

**OK to submit with 2A as per Noble Drilling**  
**12/22/2011 11:17**