

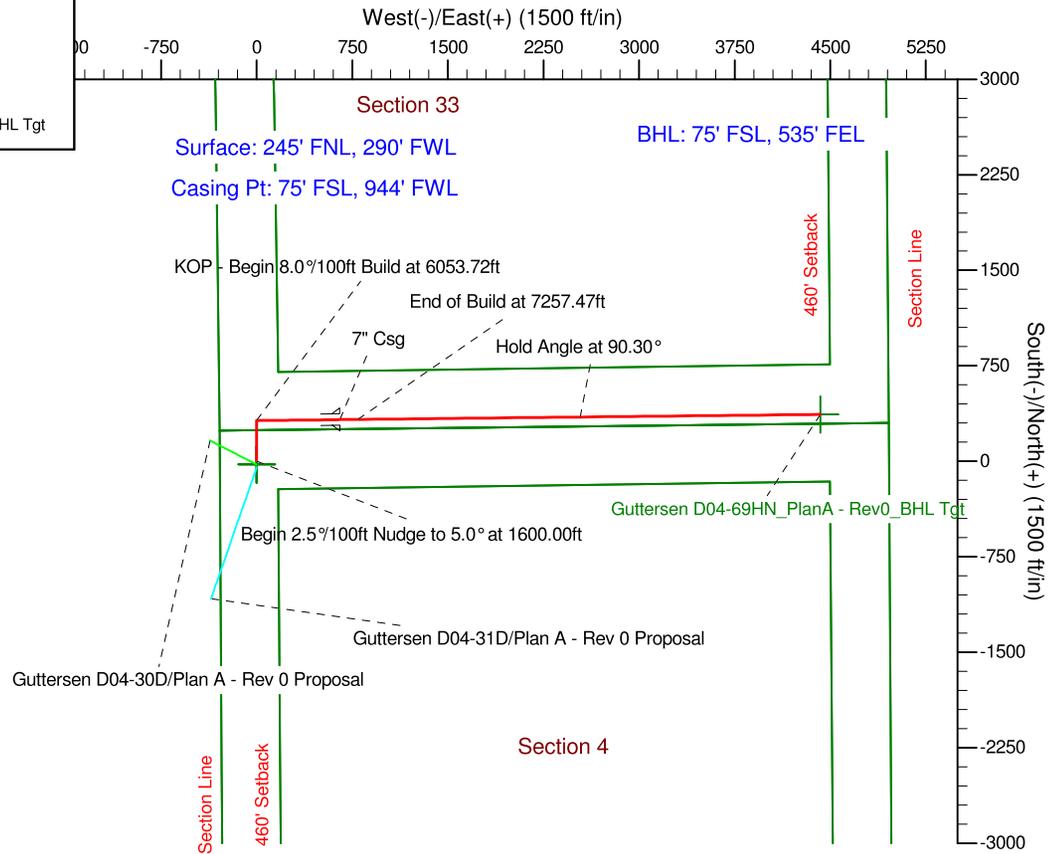
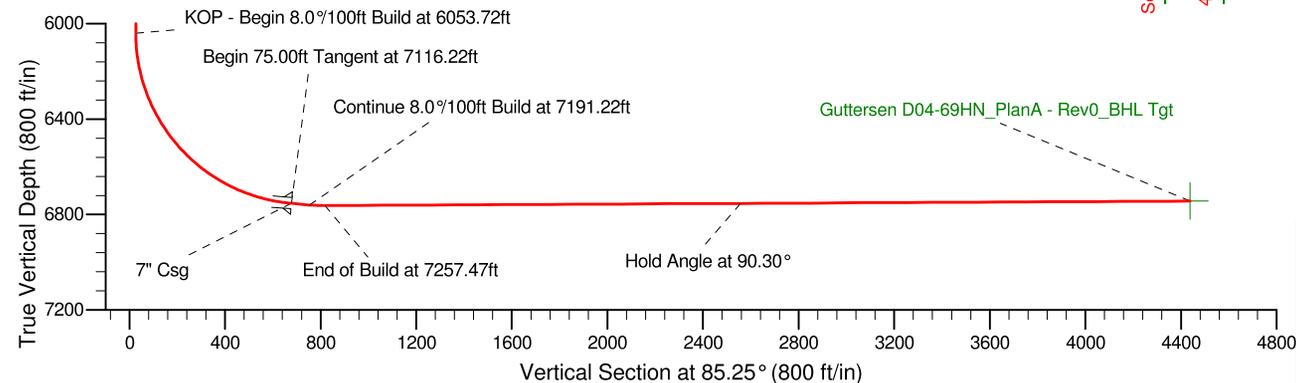
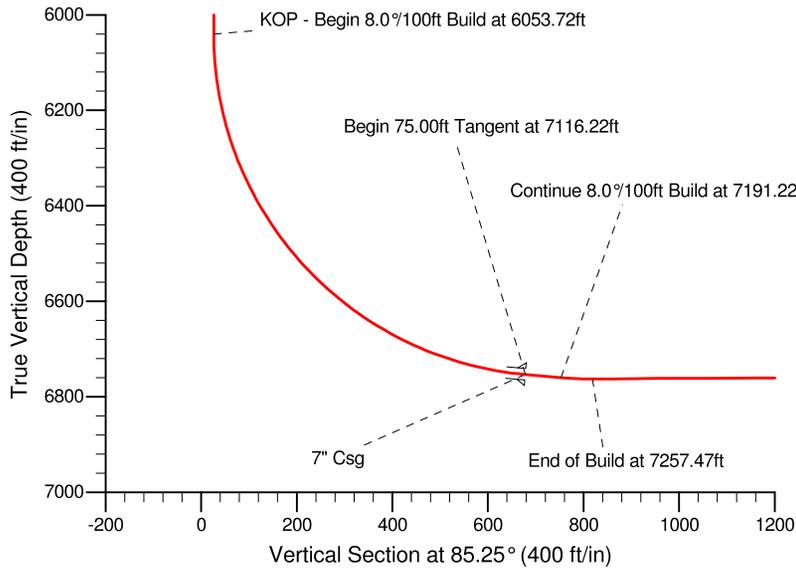
Project: Weld County, CO (NAD 83)
 Site: Sec. 4-T3N-R64W (Guttersen 04 PAD)
 Well: Guttersen D04-69HN
 Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)
 Design: Plan A - Rev 0 Proposal

Noble Energy



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	0.00	
3	1800.00	5.00	0.00	1799.75	8.72	0.00	2.50	0.00	0.72	
4	5271.00	5.00	0.00	5257.54	311.24	0.03	0.00	0.00	25.81	
5	5471.00	0.00	0.00	5457.28	319.96	0.03	2.50	180.00	26.53	
6	6053.72	0.00	0.00	6040.00	319.96	0.03	0.00	0.00	26.53	
7	7116.22	85.00	89.38	6753.48	327.03	653.77	8.00	89.38	678.61	
8	7191.22	85.00	89.38	6760.01	327.84	728.48	0.00	0.00	753.13	
9	7257.47	90.30	89.38	6762.73	328.56	794.64	8.00	0.00	819.13	
10	10885.81	90.30	89.38	6743.73	367.82	4422.72	0.00	0.00	4437.99	Guttersen D04-69HN_PlanA - Rev0_BHL Tgt



WELL DETAILS: Guttersen D04-69HN			
Ground Level:	4747.00		
Northing	Easting	Latitude	Longitude
1339327.00	3261122.97	40° 15' 39.852 N	104° 33' 51.588 W

Plan: Plan A - Rev 0 Proposal (Guttersen D04-69HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))

Created By: Jay Lantz Date: 16:07, February 04 2011

**OK to submit with 2A as per Noble Drilling
2/7/2011 - 08:00**