

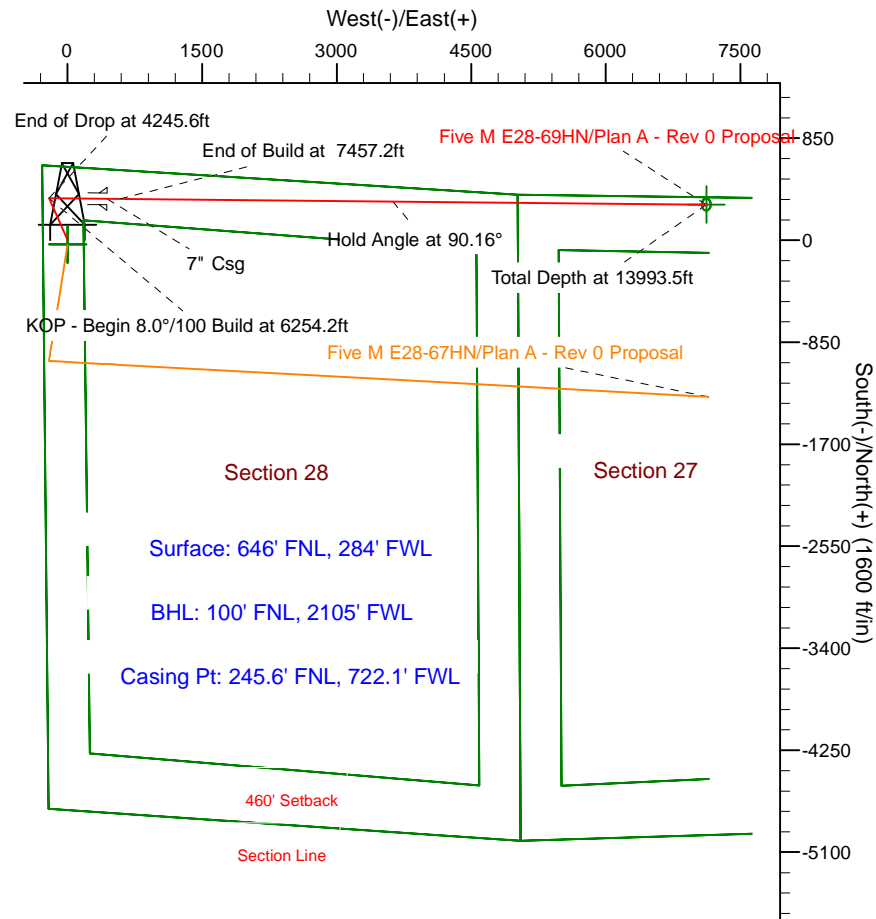
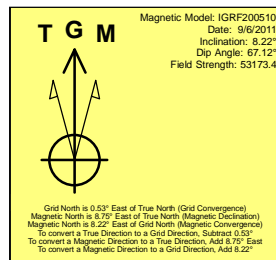
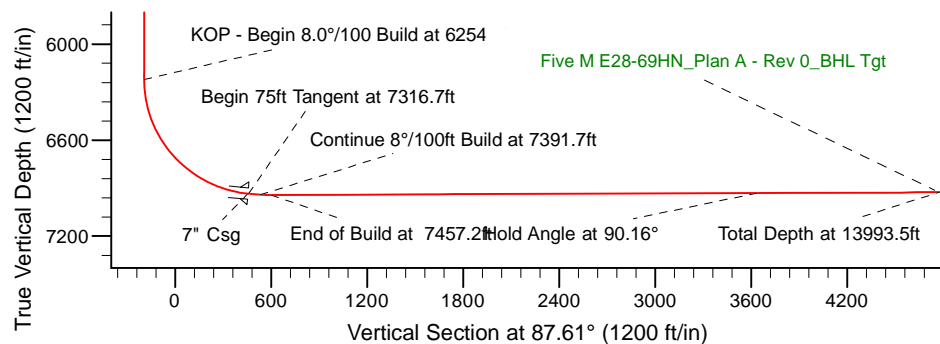
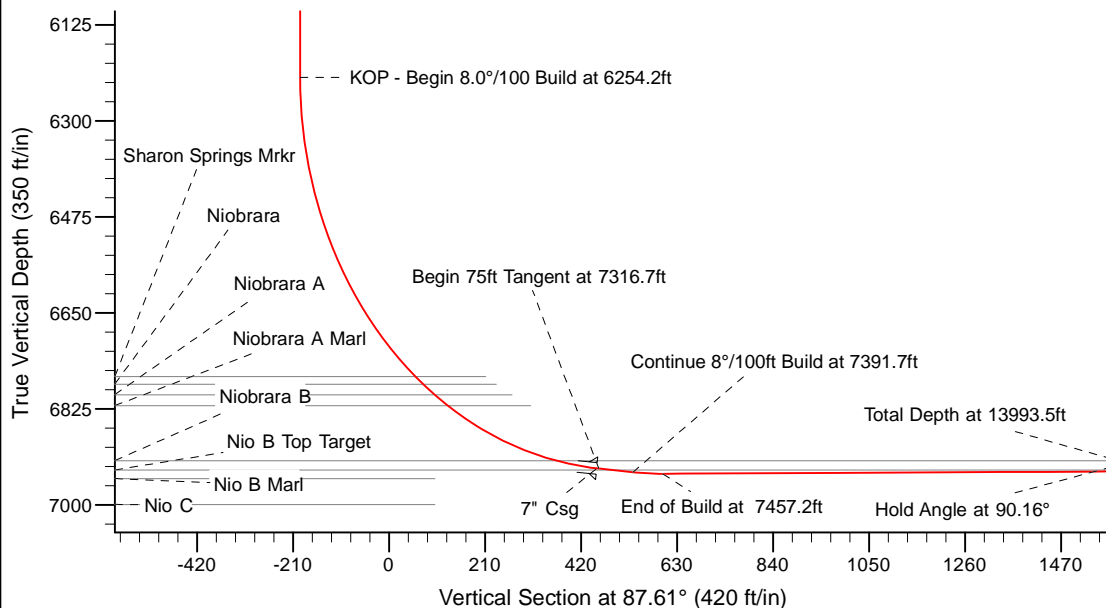
Project: Weld County Colorado (NAD 83)
 Site: Sec. 28, T6N, R65W
 Well: Five M E28-69HN
 Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)
 Design: Plan A - Rev 0 Proposal

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	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	1900.2	10.00	329.16	1898.2	29.9	-17.9	2.50	329.16	-16.6	
4	3845.5	10.00	329.16	3813.8	320.1	-191.1	0.00	0.00	-177.6	
5	4245.6	0.00	0.00	4212.0	350.0	-209.0	2.50	180.00	-194.3	
6	6254.2	0.00	0.00	6220.6	350.0	-209.0	0.00	0.00	-194.3	
7	7316.7	85.00	90.42	6934.0	345.2	444.8	8.00	90.42	458.7	
8	7391.7	85.00	90.42	6940.6	344.7	519.5	0.00	0.00	533.4	
9	7457.2	90.24	90.42	6943.3	344.2	584.9	8.00	0.00	598.7	
10	3993.5	90.24	90.41	6916.1	296.7	7121.0	0.00	-115.73	7127.1	Five M E28-69HN_Plan A - Rev 0_BHL Tgt-



WELL DETAILS: Five M E28-69HN(NAD83 Geodetic System)

Ground Level: 4712.0
 Northing 430601.16 Easting 984202.58 Latitude 40° 27' 48.348 N Longitude 104° 40' 37.092 W

Plan: Plan A - Rev 0 Proposal (Five M E28-69HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))

Created By: Erasmo Mendoza Date: 10:49, September 12 2011

OK to submit with 2A as per Noble Drilling
9/15/2011 08:07