

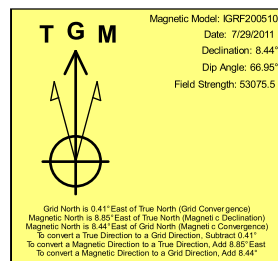
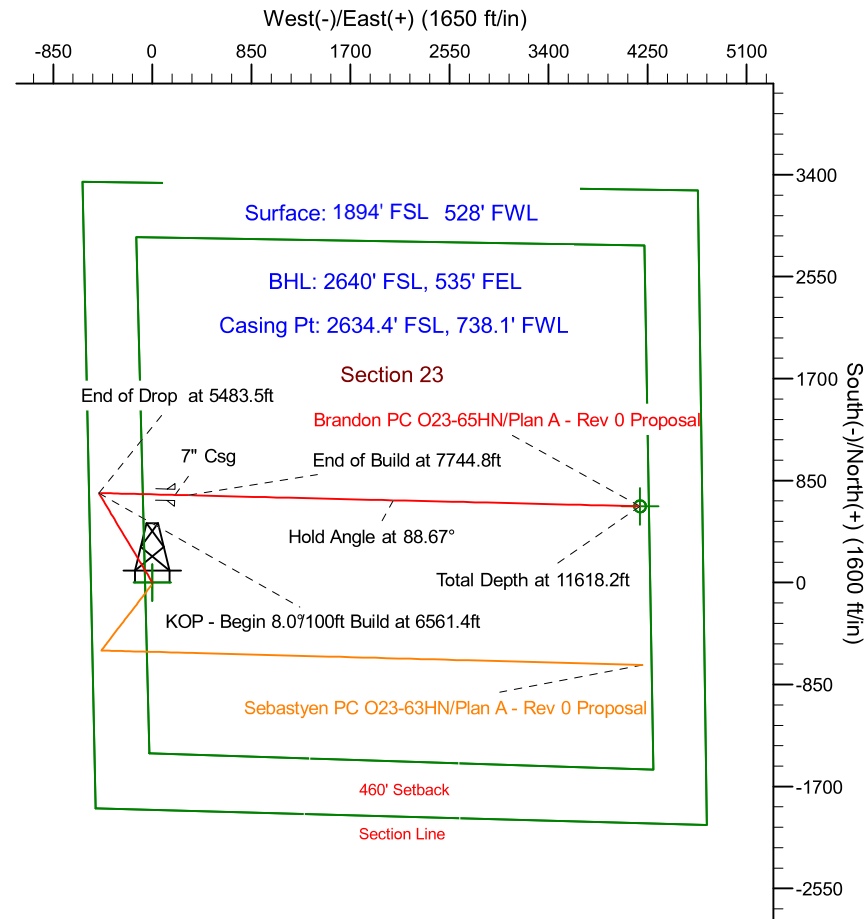
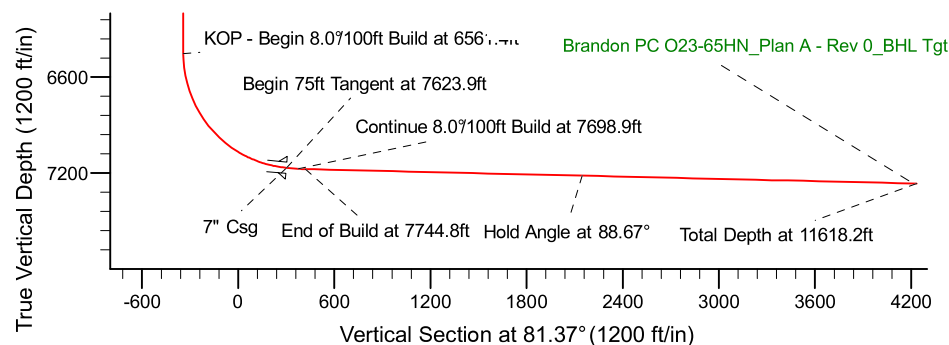
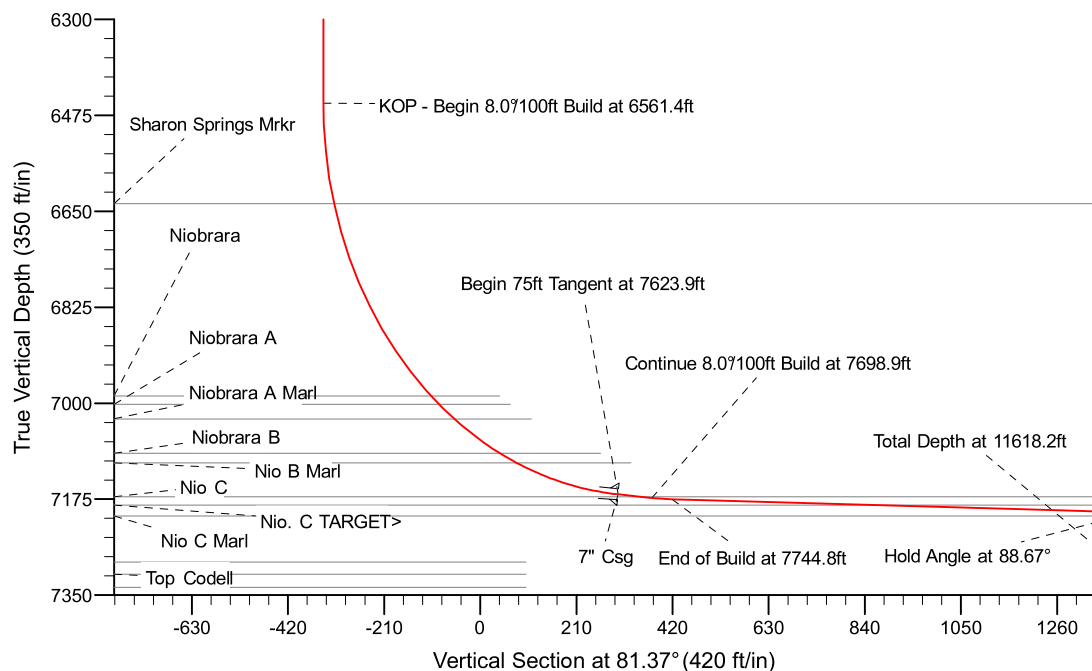
Project: Weld County Colorado (NAD 83)
 Site: Sec.23, T4N, R67W
 Well: Brandon PC O23-65HN
 Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)
 Design: Plan A - Rev 0 Proposal

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	2099.9	15.00	328.34	2093.0	66.4	-41.0	2.50	328.34	-30.5	
4	4883.6	15.00	328.34	4782.0	679.6	-419.0	0.00	0.00	-312.3	
5	5483.5	0.00	0.00	5375.0	746.0	-460.0	2.50	180.00	-342.9	
6	6561.4	0.00	0.00	6452.9	746.0	-460.0	0.00	0.00	-342.9	
7	7623.9	85.00	91.37	7166.4	730.4	193.6	8.00	91.37	301.0	
8	7698.9	85.00	91.37	7173.0	728.6	268.3	0.00	0.00	374.6	
9	7744.8	88.67	91.37	7175.5	727.5	314.1	8.00	0.00	419.7	
10	11618.2	88.67	91.37	7265.3	635.1	4185.3	0.00	-62.11	4233.2	Brandon PC O23-65HN _Plan A - Rev 0_BHL Tgt-



WELL DETAILS: Brandon PC O23-65HN(NAD83 Geodetic System)

Ground Level:	4915.0
Northing	411853.64
Easting	968339.31
Latitude	40° 17' 44.772 N
Longitude	104° 51' 56.124 W

Plan: Plan A - Rev 0 Proposal (Brandon PC O23-65HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))

Created By: Erasmo Mendoza

Date: 15:23, August 01 2011

OK to submit with 2A as per Noble Drilling
8/2/2011 08:05