

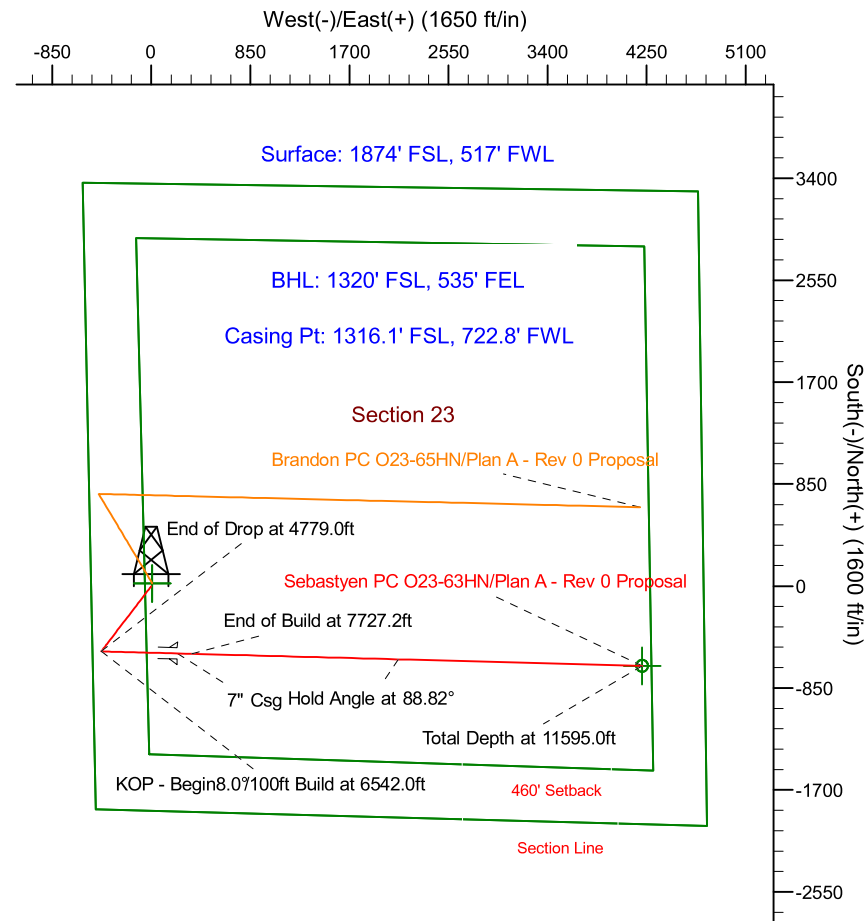
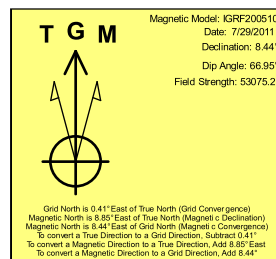
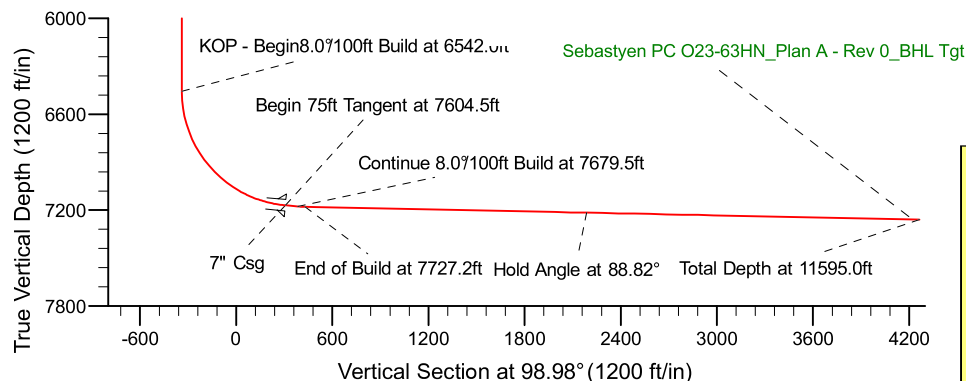
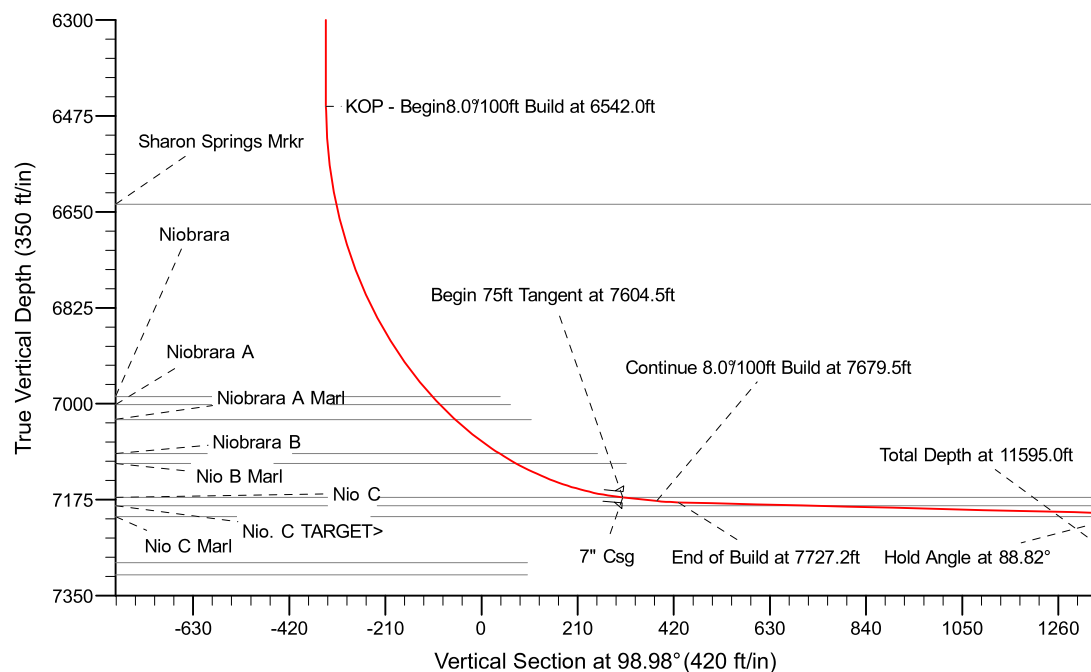
Project: Weld County Colorado (NAD 83)
 Site: Sec.23, T4N, R67W
 Well: Sebastyen PC O23-63HN
 Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)
 Design: Plan A - Rev 0 Proposal

Noble Energy

HALLIBURTON
 Sperry Drilling

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	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	218.27	2093.1	-61.3	-48.4	2.50	218.27	-38.2	
4	4179.1	15.00	218.27	4101.4	-483.7	-381.6	0.00	0.00	-301.5	
5	4779.0	0.00	0.00	4694.5	-545.0	-430.0	2.50	180.00	-339.7	
6	6542.0	0.00	0.00	6457.5	-545.0	-430.0	0.00	0.00	-339.7	
7	7604.5	85.00	91.48	7171.0	-561.9	223.6	8.00	91.48	308.5	
8	7679.5	85.00	91.48	7177.5	-563.8	298.2	0.00	0.00	382.6	
9	7727.2	88.82	91.48	7180.1	-565.0	345.9	8.00	0.00	429.8	
10	11595.0	88.82	91.49	7259.8	-665.3	4211.6	0.00	97.10	4263.8	Sebastyen PC O23-63HN_Plan A - Rev 0_BHL Tgt-



WELL DETAILS: Sebastyen PC O23-63HN(NAD83 Geodetic System)

Ground Level: 4915.0
 Northing: 411846.96 Easting: 968336.81 Latitude: 40° 17' 44.556 N Longitude: 104° 51' 56.232 W

Plan: Plan A - Rev 0 Proposal (Sebastyen PC O23-63HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))

Created By: Erasmo Mendoza Date: 15:40, August 01 2011

OK to submit with 2A as per Noble Drilling
8/2/2011 08:02