

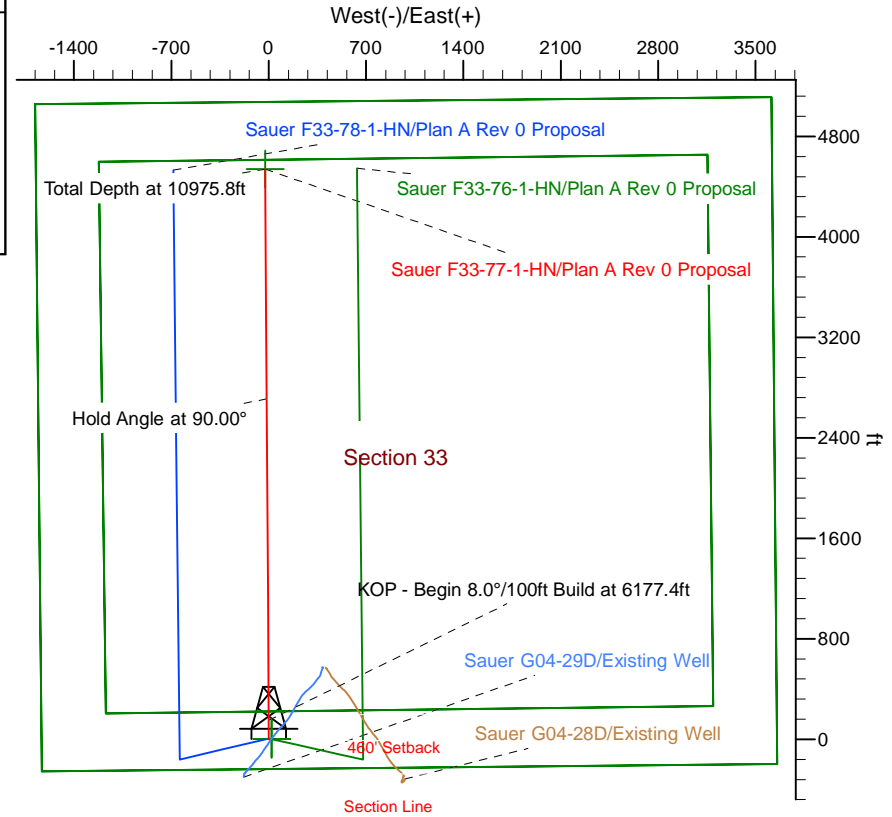
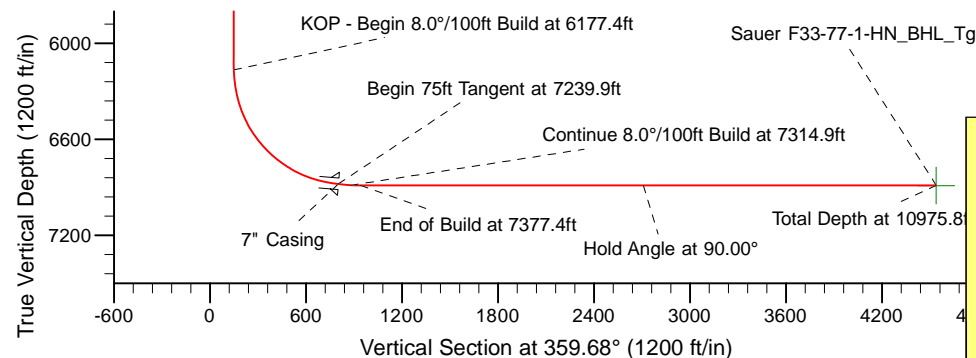
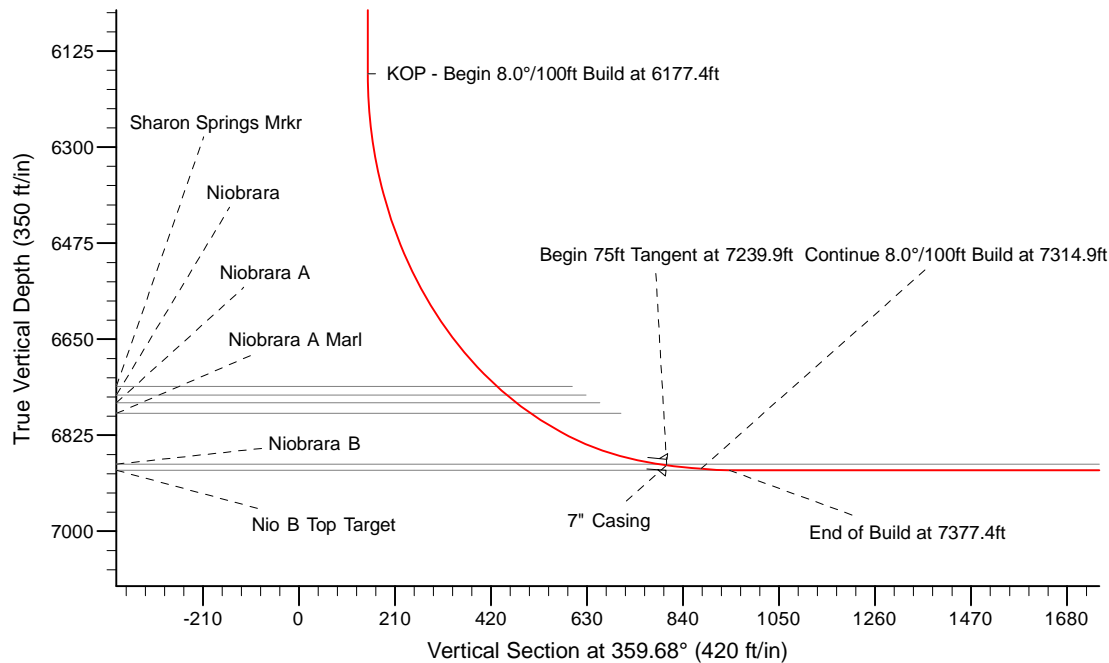
Project: Weld County Colorado (NAD 83)
 Site: Sec.33, T5N, R65W
 Well: Sauer F33-77-1-HN
 Wellbore: Plan A Rev 0 (PERMITTING PLAN ONLY)
 Design: Plan A Rev 0 Proposal

Noble Energy

HALLIBURTON
 Sperry Drilling

SECTION DETAILS

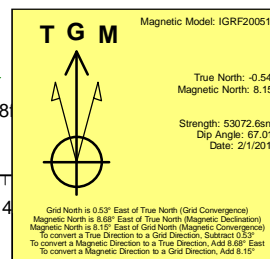
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2200.0	0.00	0.00	2200.0	0.0	0.0	0.00	0.00	0.0	
3	2600.0	10.00	0.00	2598.0	34.8	0.0	2.50	0.00	34.8	
4	3062.8	10.00	0.00	3053.7	115.2	0.0	0.00	0.00	115.2	
5	3462.8	0.00	0.00	3451.7	150.0	0.0	2.50	180.00	150.0	
6	6177.4	0.00	0.00	6166.3	150.0	0.0	0.00	0.00	150.0	
7	7239.9	85.00	359.66	6879.8	803.8	-3.9	8.00	359.66	803.8	
8	7314.9	85.00	359.66	6886.3	878.5	-4.3	0.00	0.00	878.5	
9	7377.4	90.00	359.66	6889.0	940.9	-4.7	8.00	0.00	940.9	
10	10975.8	90.00	359.67	6889.0	4539.3	-25.7	0.00	84.92	4539.3	Sauer F33-77-1-HN_BHL_Tg



Surface: 237' FSL, 1632' FWL

BHL: 535' FNL, 1650' FWL

Casing Pt: 1041' FSL, 1628' FWL



WELL DETAILS: Sauer F33-77-1-HN(NAD83 Geodetic System)			
Ground Level:		4670.0	
Northing	Easting	Latitude	Longitude
417913.99	984742.57	40° 20' 56.868 N	104° 40' 19.200 W
Plan: Plan A Rev 0 Proposal (Sauer F33-77-1-HN/Plan A Rev 0 (PERMITTING PLAN ONLY))			
Created By: Erasmo Mendoza		Date: 10:07, February 06 2012	
OK to submit with 2A as per Noble Drilling			
2/6/2012 12:52			