

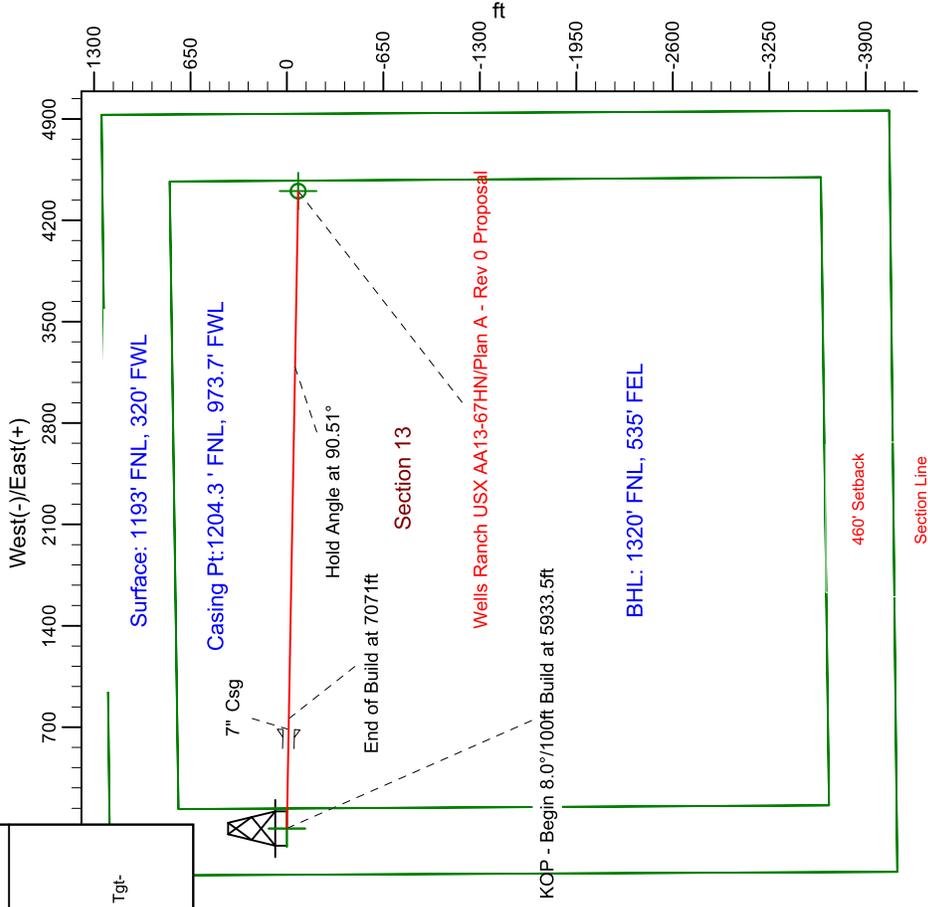
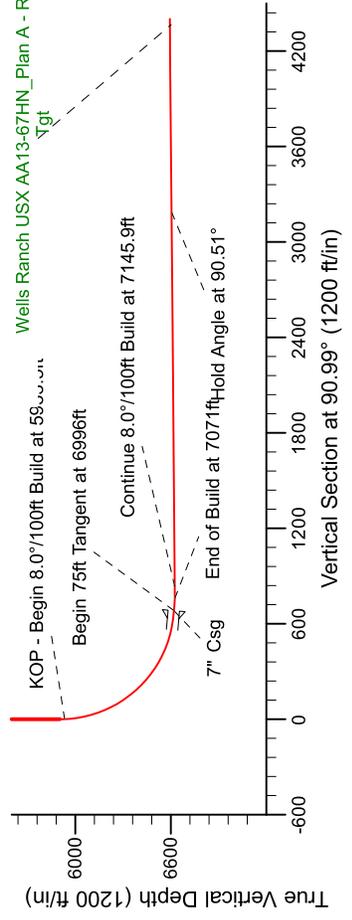
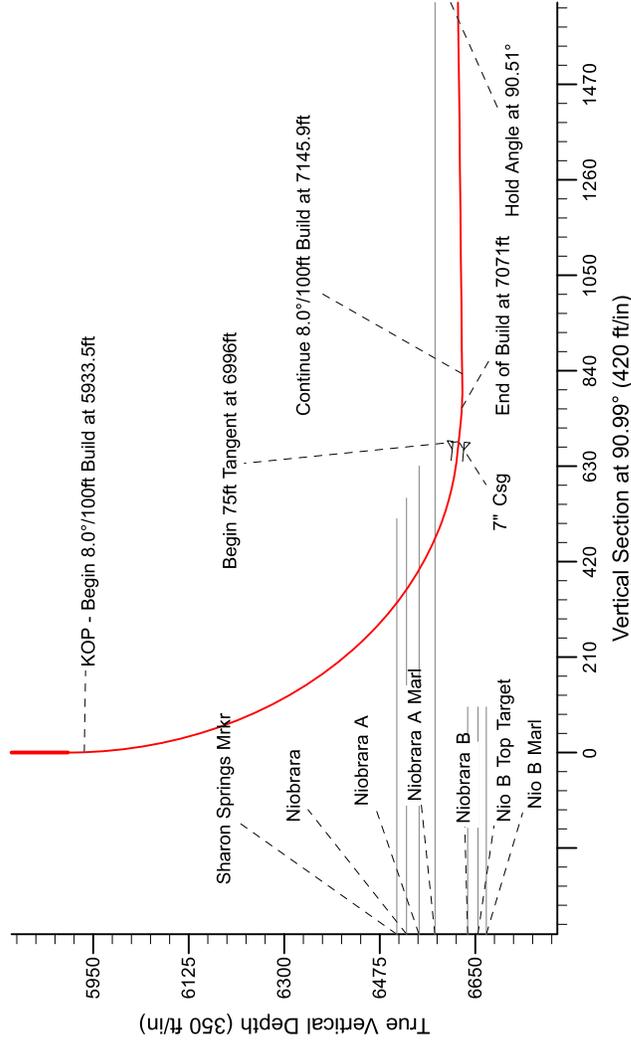
Noble Energy

Project: Weld County Colorado (NAD 83)
 Site: Sec. 13, T6N, R63W
 Well: Wells Ranch USX AA13-67HN
 Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)
 Design: Plan A - Rev 0 Proposal



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V/Sec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	5903.3	0.00	0.00	5903.3	0.0	0.0	0.00	0.00	0.0	
3	6965.8	85.00	90.99	6616.8	-11.3	653.7	8.00	90.99	653.8	
4	7040.8	85.00	90.99	6623.3	-12.6	728.4	0.00	0.00	728.5	
5	7109.7	90.51	90.99	6626.0	-13.8	797.2	8.00	0.00	797.3	
6	10714.8	90.51	90.98	6593.9	-75.8	4401.6	0.00	-93.29	4402.3	Wells Ranch USX AA13-67HN_Plan A - Rev 0_BHL Tgt-



TGM

Magnetic Model: IGRF200510
 Date: 5/19/2011
 Inclination: 7.83°
 Dip Angle: 67.63°
 Field Strength: 32466.7

Grid North is 0.72' East of True North (Geodetic)
 Magnetic North is 7.83' East of Grid North (Magnetic Convergence)
 To convert a Magnetic Direction to a True Direction, Add 7.83°
 To convert a Magnetic Direction to a Grid Direction, Add 7.60°

WELL DETAILS: Wells Ranch USX AA13-67HN(NAD83 Geodetic System)

Northing	433876.56	Ground Level:	4836.0	Longitude	
Easting	1008240.43		40° 29' 26.052 N	Latitude	104° 23' 35.088 W

Plan: Plan A - Rev 0 Proposal (Wells Ranch USX AA13-67HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))

Created By: Erasmo Mendoza Date: 12:00, May 16 2011