

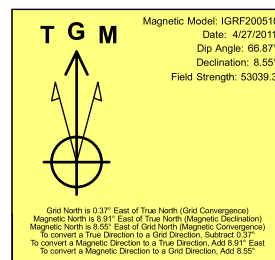
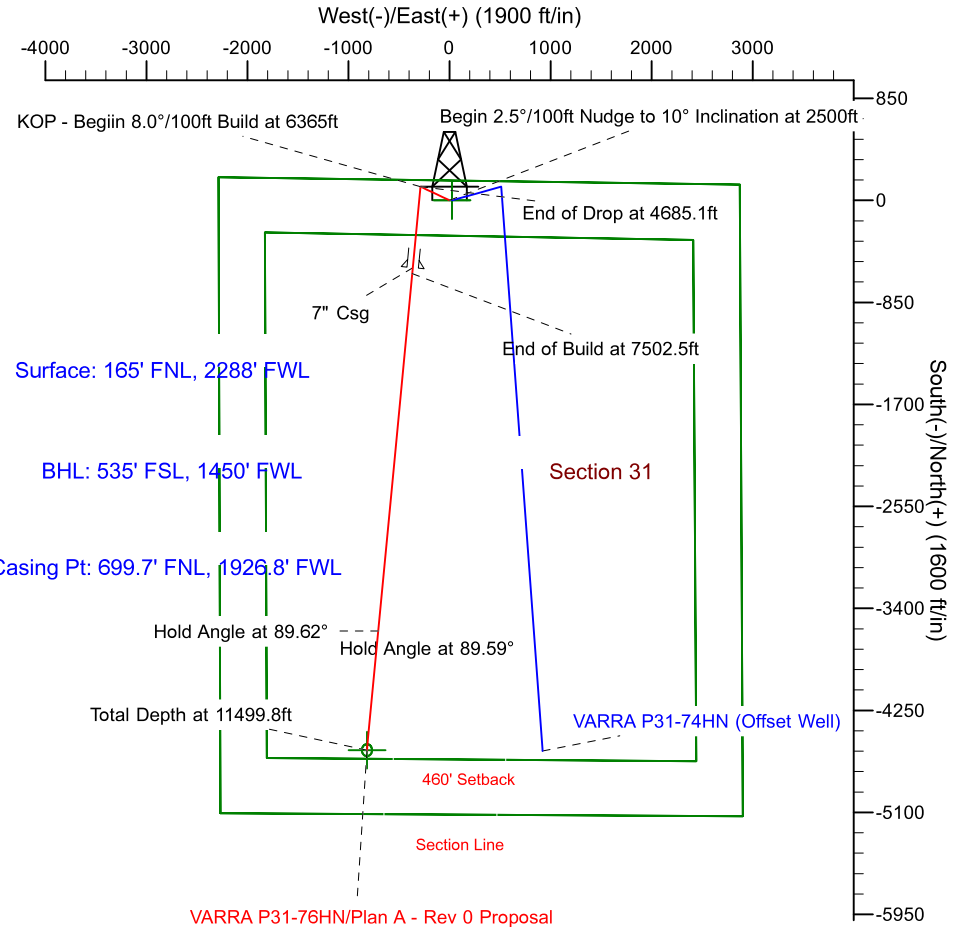
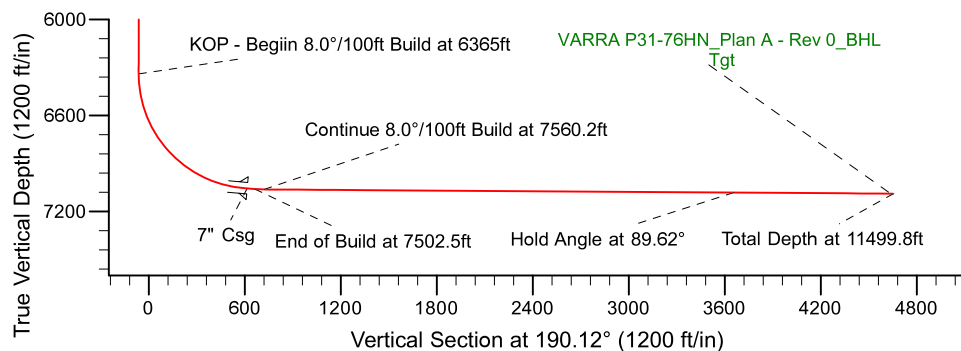
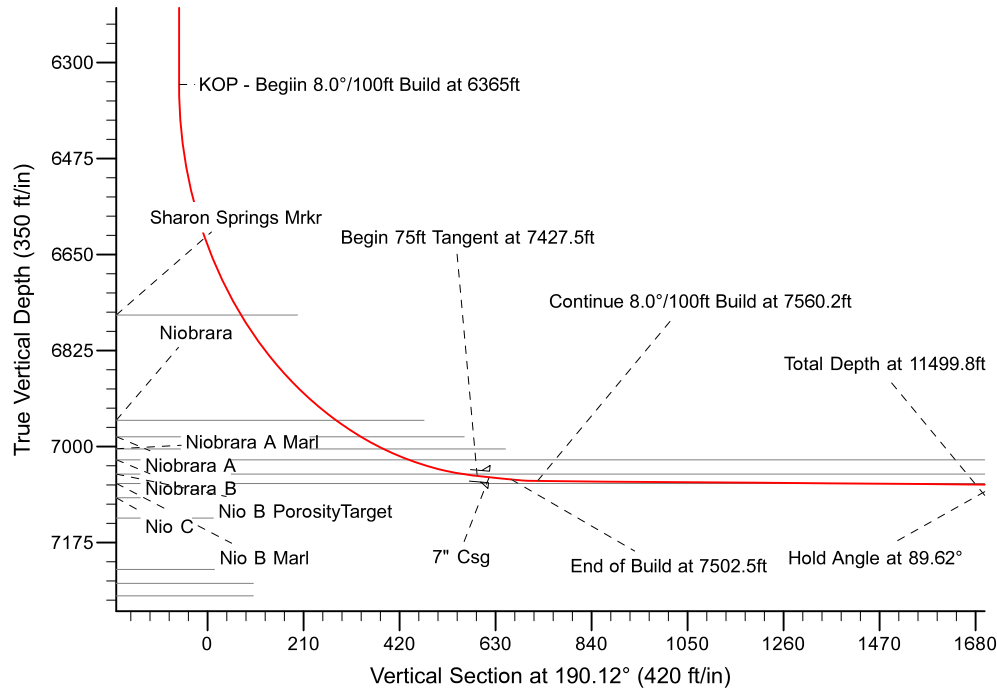
Project: Weld County Colorado (NAD 83)
 Site: Sec. 31, T3N, R67W
 Well: VARRA P31-76HN
 Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)
 Design: Plan A - Rev 0 Proposal

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	2500.0	0.00	0.00	2500.0	0.0	0.0	0.00	0.00	0.0	
3	2899.9	10.00	291.77	2897.9	12.9	-32.3	2.50	291.77	-7.0	
4	4285.2	10.00	291.77	4262.1	102.1	-255.7	0.00	0.00	-55.6	
5	4685.1	0.00	0.00	4660.0	115.0	-288.0	2.50	180.00	-62.6	
6	6365.0	0.00	0.00	6339.9	115.0	-288.0	0.00	0.00	-62.6	
7	7427.5	85.00	186.43	7053.4	-534.7	-361.2	8.00	186.43	589.8	
8	7502.5	85.00	186.43	7059.9	-608.9	-369.6	0.00	0.00	664.4	
9	7560.2	89.62	186.43	7062.6	-666.2	-376.0	8.00	0.00	721.9	
10	1499.8	89.62	186.44	7088.9	-4580.9	-817.5	0.00	113.57	4653.2	VARRA P31-76HN_Plan A - Rev 0_BHL Tgt-



WELL DETAILS: VARRA P31-76HN (NAD 83 Geodetic System)			
Ground Level: 4804.0			
Northing: 400009.55	Easting: 962634.30	Latitude: 40° 11' 22.020 N	Longitude: 104° 56' 0.888 W
Plan: Plan A - Rev 0 Proposal (VARRA P31-76HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))			
Created By: Erasmo			