

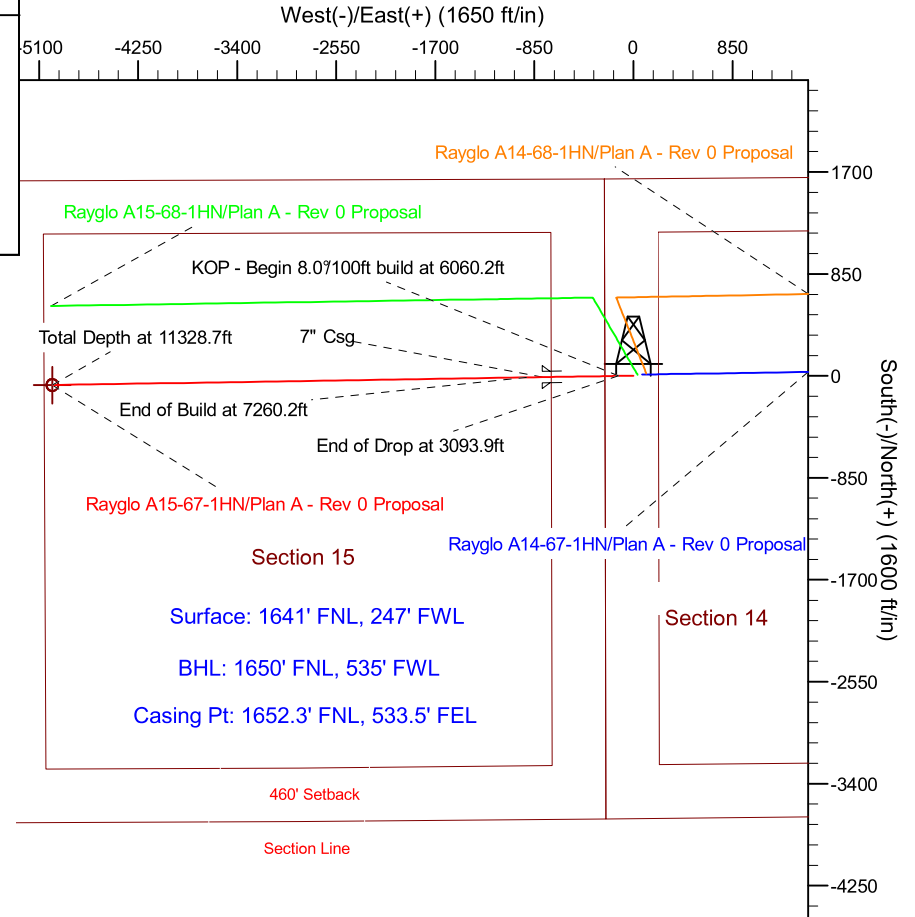
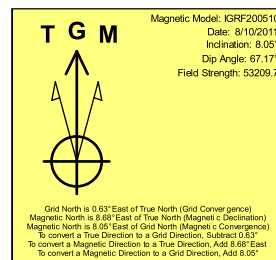
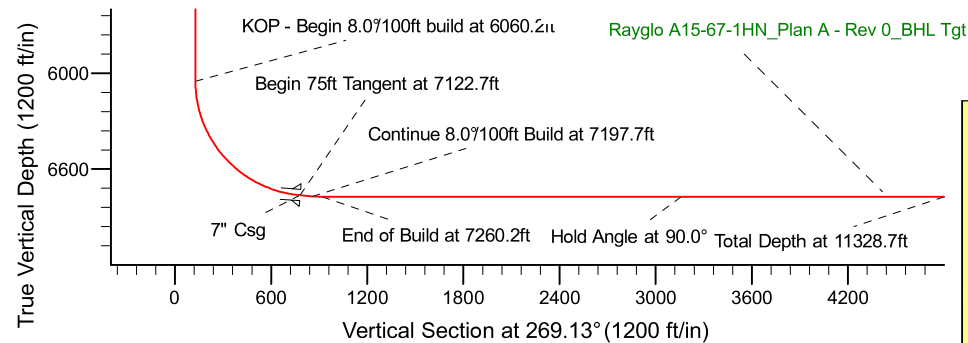
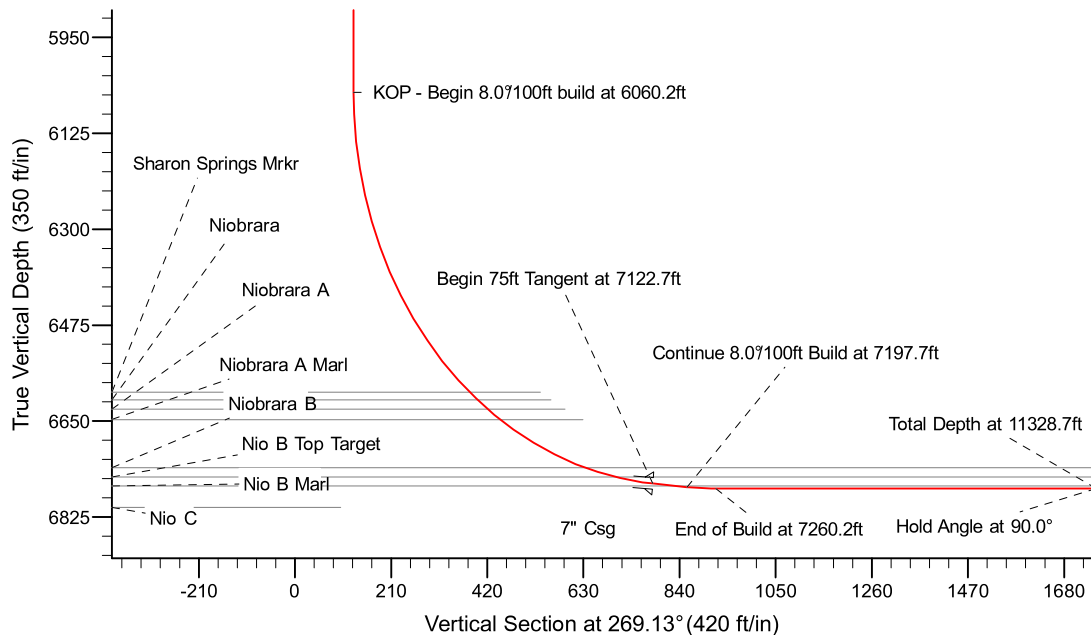
Project: Weld County Colorado (NAD 83)
 Site: Sec.14, T6N, R64W
 Well: Rayglo A15-67-1HN
 Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)
 Design: Plan A - Rev 0 Proposal

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	2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0	
3	2479.8	12.00	270.00	2476.3	0.0	-50.0	2.50	270.00	50.0	
4	2614.1	12.00	270.00	2607.7	0.0	-78.0	0.00	0.00	77.9	
5	3093.9	0.00	0.00	3084.0	0.0	-128.0	2.50	180.00	128.0	
6	6060.2	0.00	0.00	6050.3	0.0	-128.0	0.00	0.00	128.0	
7	7122.7	85.00	269.10	6763.7	-10.3	-781.7	8.00	269.10	781.8	
8	7197.7	85.00	269.10	6770.3	-11.4	-856.4	0.00	0.00	856.5	
9	7260.2	90.00	269.10	6773.0	-12.4	-918.8	8.00	0.00	918.9	
10	11328.7	90.00	269.11	6773.0	-76.1	-4986.8	0.00	88.27	4987.4	Rayglo A15-67-1HN_Plan A - Rev 0_BHL Tgt-



WELL DETAILS: Rayglo A15-67-1HN(NAD 83 Geodetic System)

Ground Level: 4744.0
 Northing: 433562.34 Easting: 996983.17 Latitude: 40°29' 20.148 N Longitude: 104°31' 33.240 W

Plan: Plan A - Rev 0 Proposal (Rayglo A15-67-1HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))

Created By: Erasmo Mendoza Date: 16:39, August 10 2011

OK to submit with 2A as per Noble Drilling
8/15/2011 10:26