

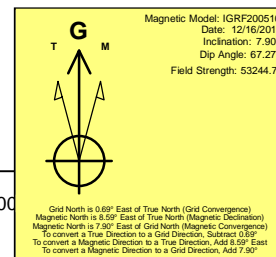
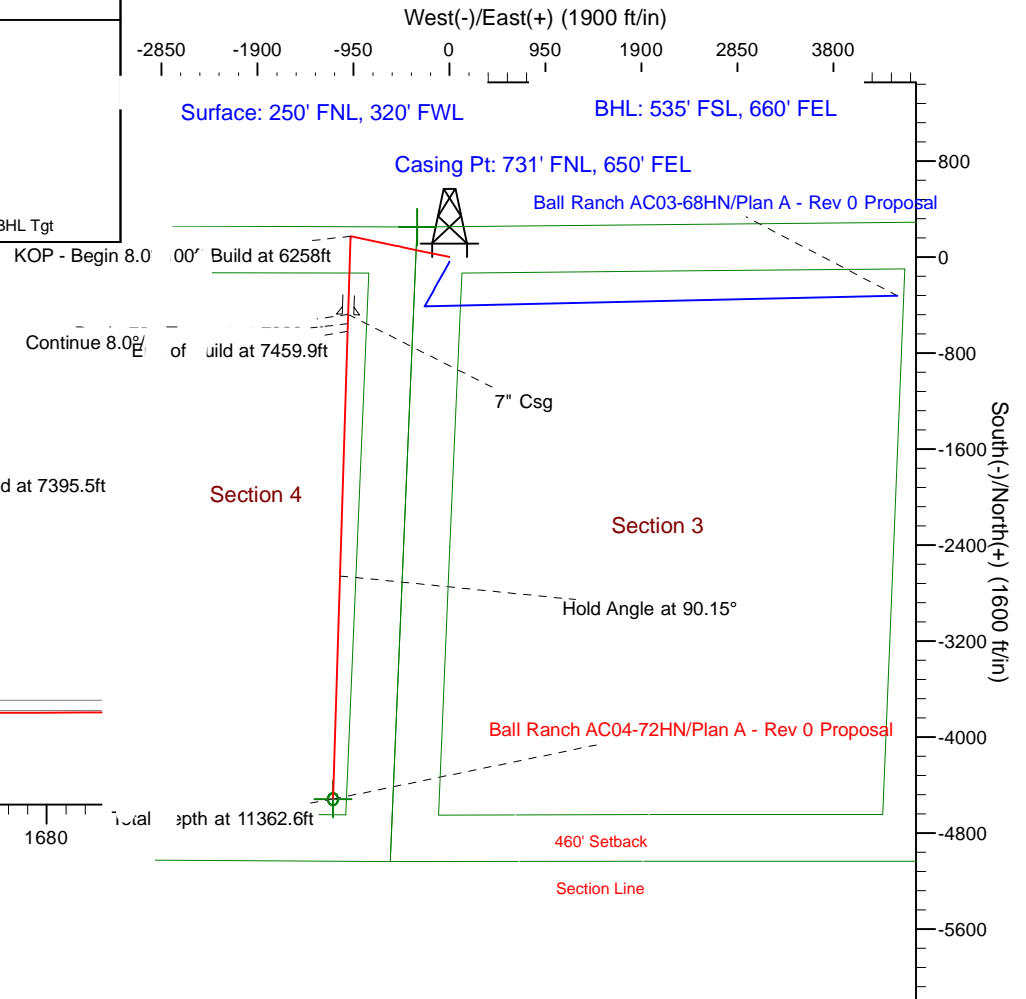
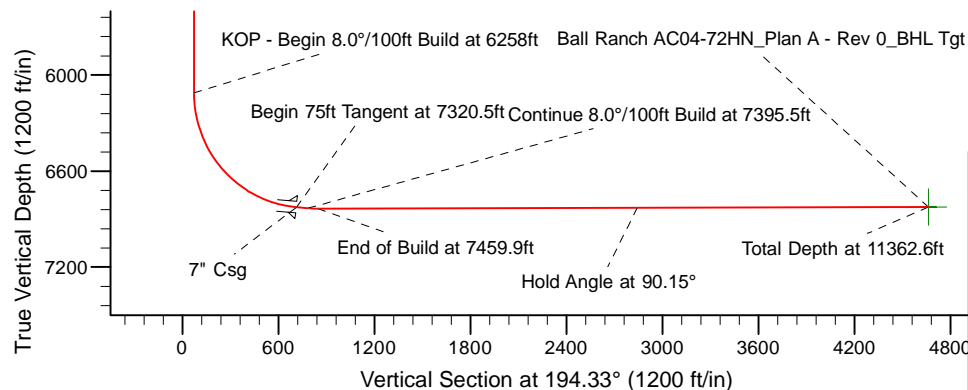
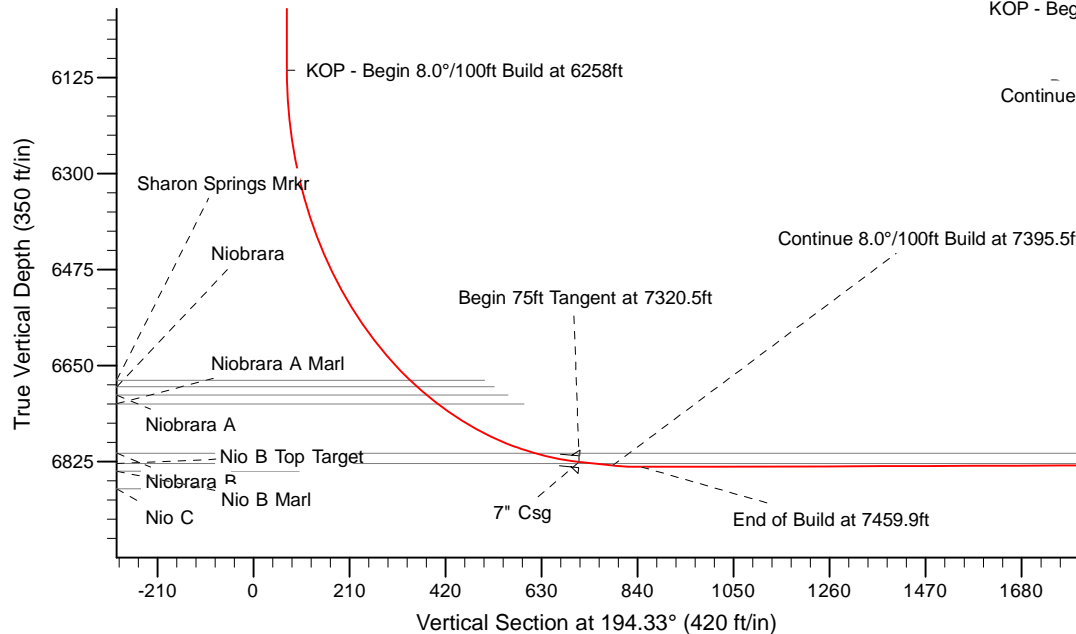
Project: Weld County Colorado (NAD 83)
 Site: Sec. 3, T7N, R63W
 Well: Ball Ranch AC04-72HN
 Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)
 Design: Plan A - Rev 0 Proposal

Noble Energy

HALLIBURTON
 Sperry Drilling

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V Sect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1919.9	18.00	280.12	1908.2	19.7	-110.4	2.50	280.12	8.2	
4	4415.8	18.00	280.12	4281.8	155.3	-869.6	0.00	0.00	64.7	
5	5135.7	0.00	0.00	4990.0	175.0	-980.0	2.50	180.00	72.9	
6	6258.0	0.00	0.00	6112.3	175.0	-980.0	0.00	0.00	72.9	
7	7320.5	85.00	182.12	6825.8	-478.3	-1004.2	8.00	182.12	711.9	
8	7395.5	85.00	182.12	6832.3	-553.0	-1006.9	0.00	0.00	785.0	
9	7459.9	90.15	182.12	6835.0	-617.2	-1009.3	8.00	0.00	847.8	
10	11362.6	90.15	182.12	6824.8	-4517.3	-1153.6	0.00	-78.71	4662.2	Ball Ranch AC04-72HN_Plan A - Rev 0_BHL Tgt



	WELL DETAILS: Ball Ranch AC04-72HN (NAD 83 Geodetic System)			
	Ground Level: 4890.0			
	Northing	Easting	Latitude	Longitude
10 21 30 27 1.7	447065.71	1004960.40	40° 36' 34.920 N	104° 25' 47.604 W
	Plan: Plan A - Rev 0 Proposal (Ball Ranch AC04-72HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))			
	Created By: Erasmo Mendoza		Date: 18:28, December 21 2011	
	<div>OK to submit with 2A as per Noble Drilling</div> <div>12/22/2011 08:03</div>			