

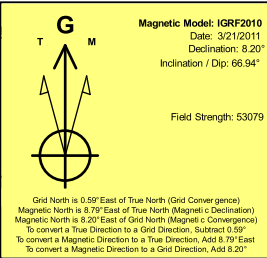
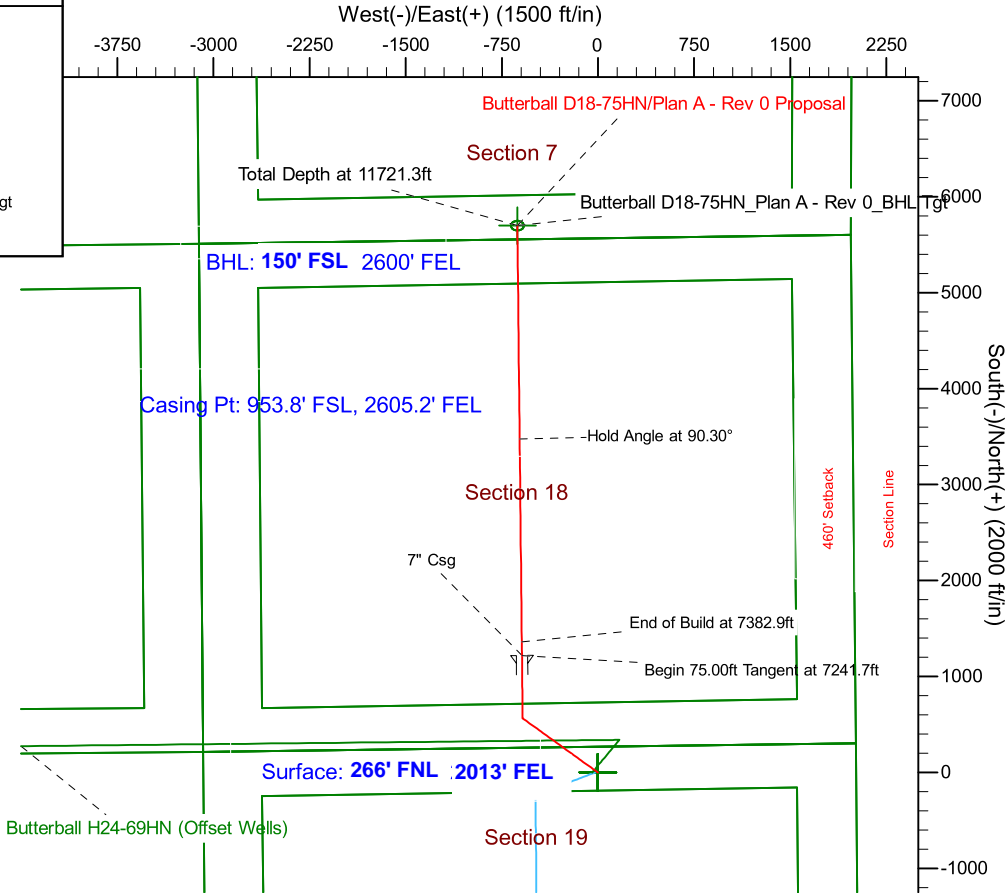
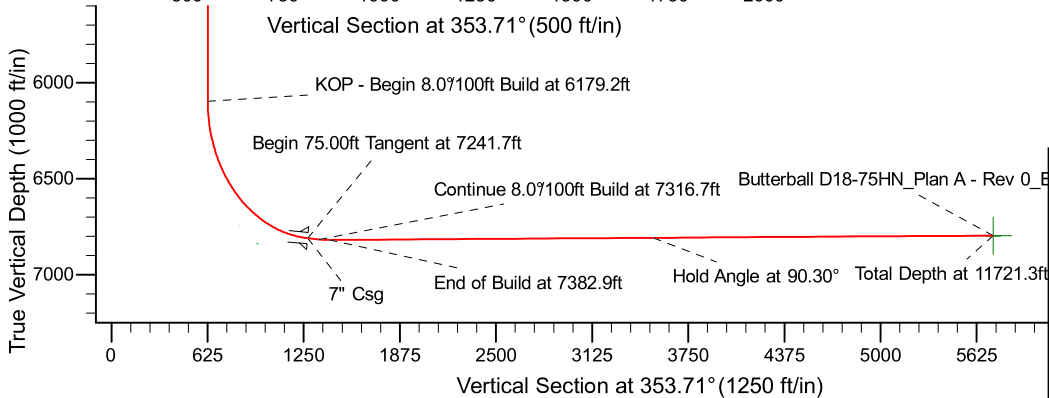
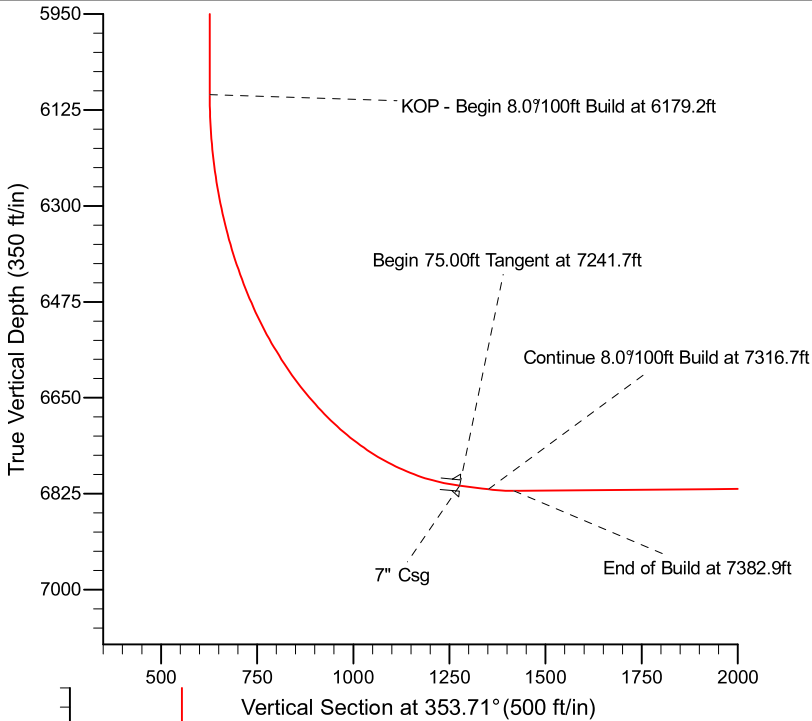
Project: Weld County, CO (NAD 83)
Site: Sec. 19, T3N, R64W
Well: Butterball D18-75HN
Wellbore: Plan A - Rev 0 (PERMITTING PLAN ONLY)
Design: Plan A - Rev 0 Proposal

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	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1680.0	12.00	313.96	1676.5	34.8	-36.1	2.50	313.96	38.5	
4	5120.2	12.00	313.96	5041.5	531.2	-550.9	0.00	0.00	588.4	
5	5600.2	0.00	0.00	5518.0	566.0	-587.0	2.50	180.00	626.9	
6	6179.2	0.00	0.00	6097.0	566.0	-587.0	0.00	0.00	626.9	
7	7241.7	85.00	359.54	6810.5	1219.8	-592.2	8.00	359.54	1277.3	
8	7316.7	85.00	359.54	6817.0	1294.5	-592.8	0.00	0.00	1351.6	
9	7382.9	90.30	359.54	6819.7	1360.6	-593.4	8.00	0.00	1417.4	
10	11721.3	90.30	359.55	6797.0	5698.8	-628.0	0.00	87.76	5733.3	Butterball D18-75HN_Plan A - Rev 0_BHL Tgt



WELL DETAILS: Butterball D18-75HN (NAD83 Geodetic System)			
Ground Level: 4772.0	Latitude 40° 13' 2.208 N	Longitude 104° 35' 29.940 W	
Northing 403341.58	Easting 991718.25		
Plan: Plan A - Rev 0 Proposal (Butterball D18-75HN/Plan A - Rev 0 (PERMITTING PLAN ONLY))			
Created By: Jose Patino	Date: 15:00, March 23 2011		
Checked: _____	Date: _____		
Reviewed: _____	Date: _____		
Approved: _____	Date: _____		