

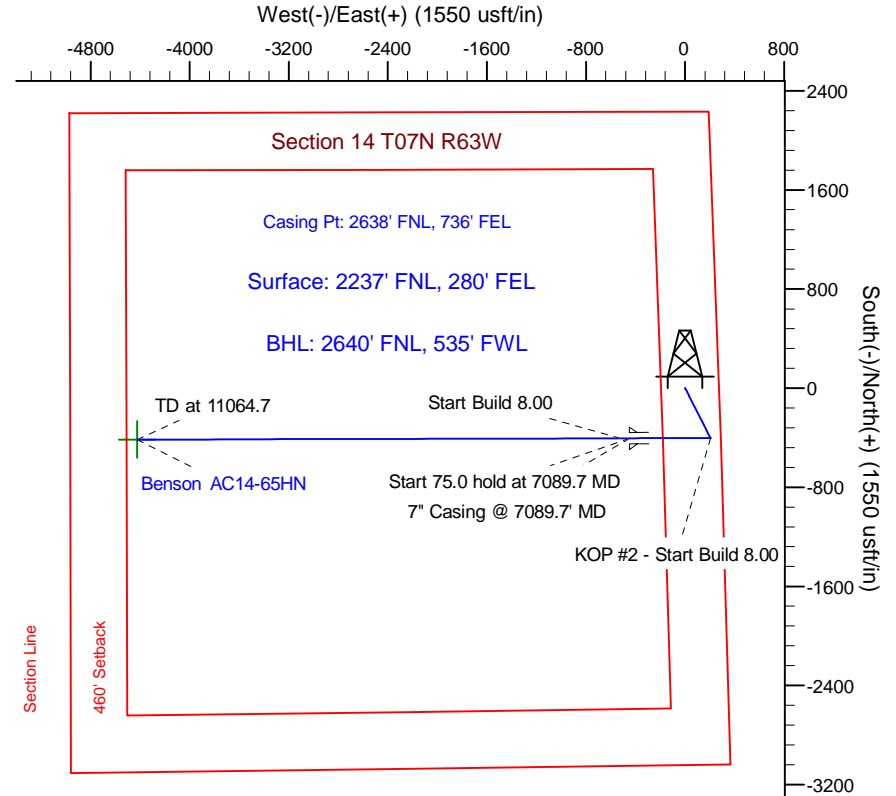
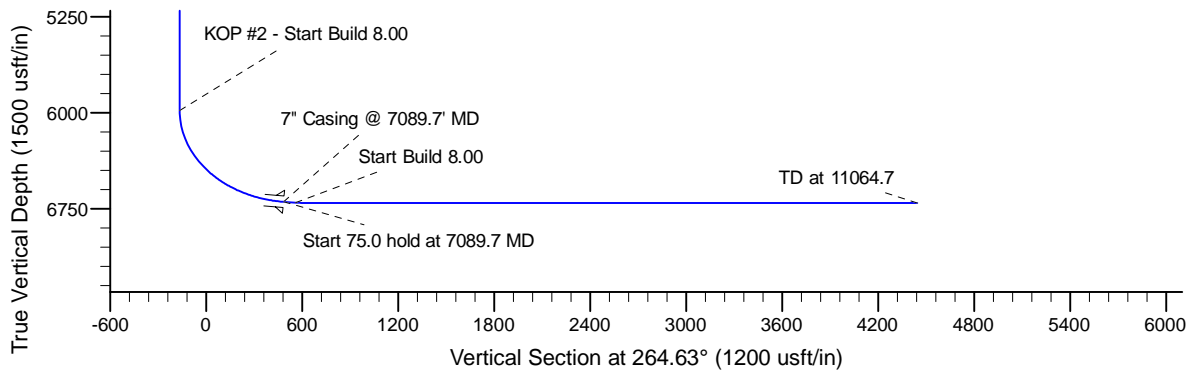
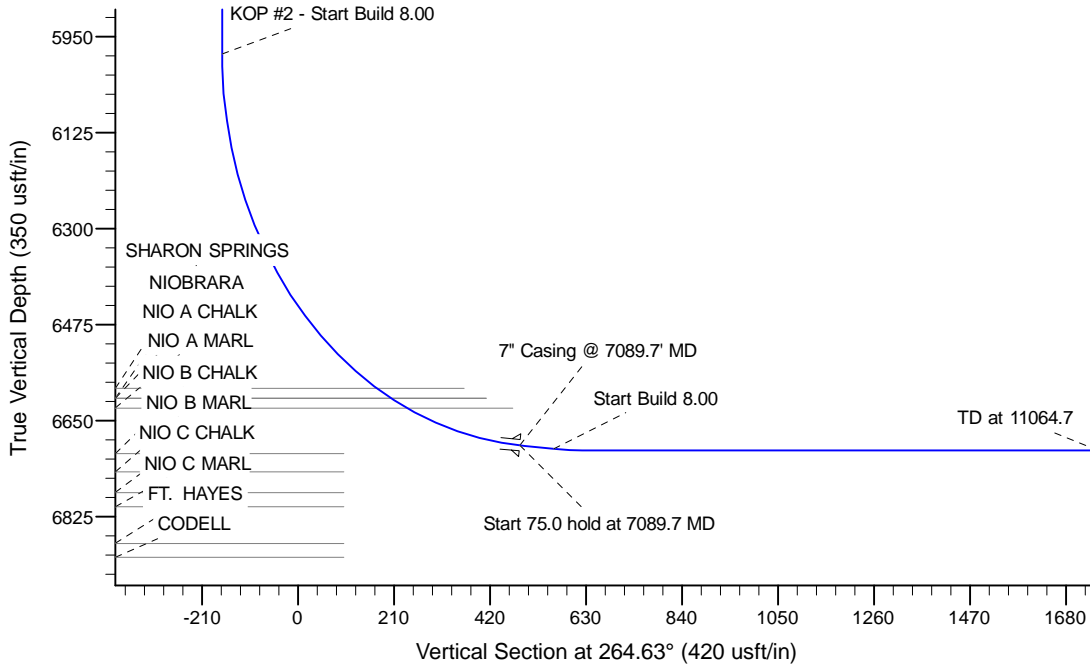
Project: Wattenberg Field
 Site: AC (Sec.14-T07N-R63W) Weld County, CO
 Well: Benson AC14-65HN
 Wellbore: Original Drilling
 Design: APD - Rev 0

Northern Region Drilling

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Colorado Northern Zone
 System Datum: Mean Sea Level

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	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00	0.00	0.0	
3	2450.6	13.01	153.04	2445.0	-65.6	33.4	2.00	153.04	-27.1	
4	3805.3	13.01	153.04	3765.0	-337.4	171.6	0.00	0.00	-139.3	
5	4455.9	0.00	0.00	4410.0	-403.0	205.0	2.00	180.00	-166.4	
6	6027.2	0.00	0.00	5981.3	-403.0	205.0	0.00	0.00	-166.4	
7	7089.7	85.00	269.85	6694.7	-404.8	-448.8	8.00	269.85	484.7	
8	7164.7	85.00	269.85	6701.3	-405.0	-523.5	0.00	0.00	559.1	
9	7227.2	90.00	269.85	6704.0	-405.1	-585.9	8.00	0.00	621.2	
10	11064.7	90.00	269.85	6704.0	-415.4	-4423.3	0.00	0.00	4442.8	Benson AC14-65HN BHL 2640'FNL, 535'FWL



T G M

Azimuths to Grid North
 True North: -0.71°
 Magnetic North: 7.68°

Magnetic Field
 Strength: 53103.5snT
 Dip Angle: 67.20°
 Date: 3/8/2013
 Model: IGRF200510

WELL DETAILS: Benson AC14-65HN				
Ground Level: 4828.0				
	Northing	Easting	Latitude	Longitude
0.0	0.0	1454226.18	3306951.55	40.575000 -104.395000

Plan: APD - Rev 0 (Benson AC14-65HN/Original Drilling)

Created By: Shailey Jewell Date: 15:08 March 08 2013

OK to submit with 2A as per Noble Drilling
3/8/13 4:24