

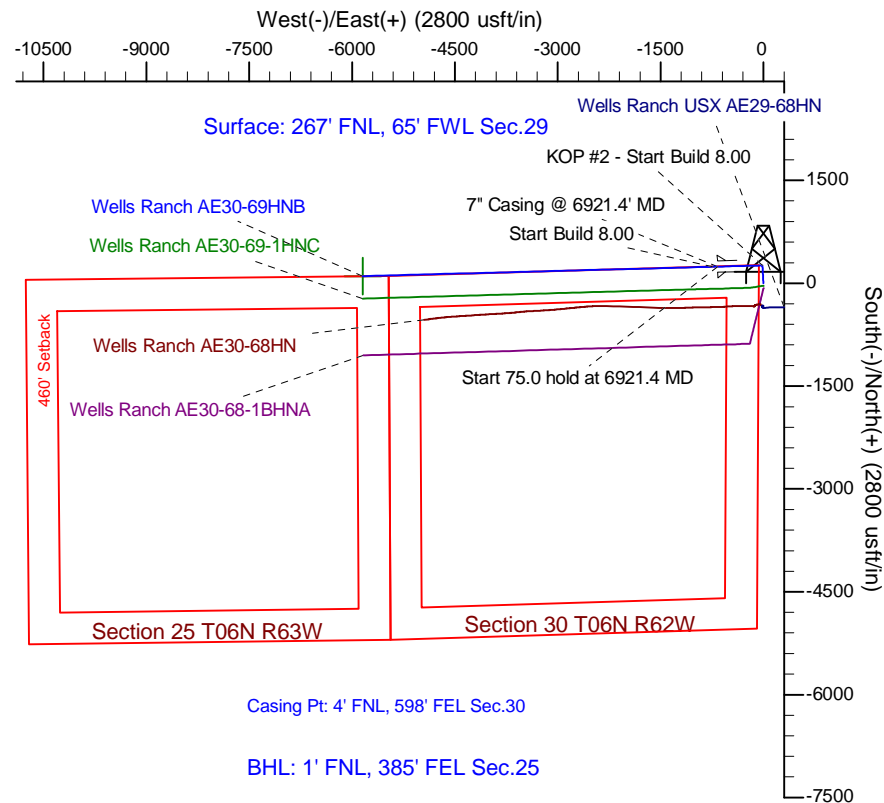
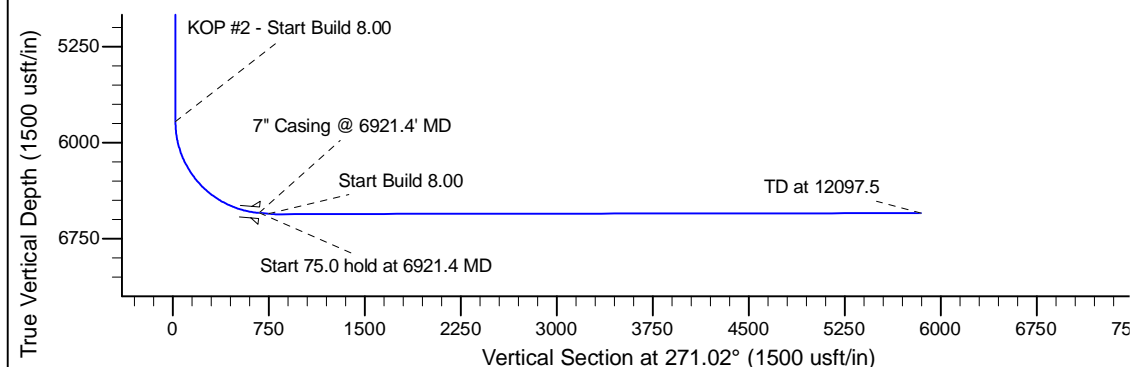
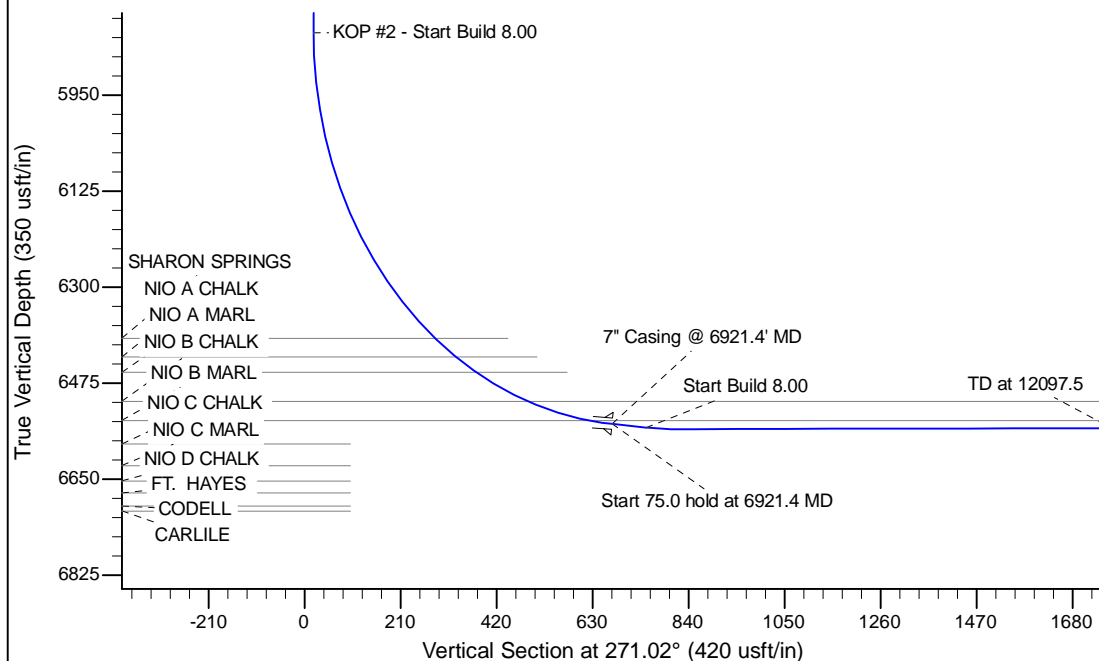
Project: Wattenberg Field
 Site: AE (Sec.29-T06N-R62W) Weld County, CO
 Well: Wells Ranch AE30-69HNB
 Wellbore: Original Drilling
 Design: APD - Rev 1

Northern Region Drilling - Working

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

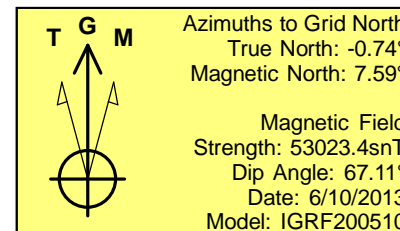
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	2102.3	12.05	356.70	2097.8	63.0	-3.6	2.00	356.70	4.8	
4	2745.8	12.05	356.70	2727.2	197.0	-11.4	0.00	0.00	14.9	
5	3348.0	0.00	0.00	3325.0	260.0	-15.0	2.00	180.00	19.6	
6	5858.9	0.00	0.00	5835.9	260.0	-15.0	0.00	0.00	19.6	
7	6921.4	85.00	268.47	6549.3	242.5	-668.5	8.00	268.47	672.7	
8	6996.4	85.00	268.47	6555.9	240.5	-743.2	0.00	0.00	747.4	
9	7060.1	90.10	268.47	6558.6	238.8	-806.9	8.00	0.00	811.0	
10	12097.5	90.10	268.47	6549.8	103.8	-5842.4	0.00	0.00	5843.3	Wells Ranch AE30-69HNC BHL 1'FNL, 385'FEL



Casing Pt: 4' FNL, 598' FEL Sec.30

BHL: 1' FNL, 385' FEL Sec.25



WELL DETAILS: Wells Ranch AE30-69HNB

Ground Level: 4776.0			
0.0	0.0	1414009.07	3318313.54
North	East	Latitude	Longitude
0.0	0.0	40.464220	-104.355970

Plan: APD - Rev 1 (Wells Ranch AE30-69HNB/Original Drilling)

Created By: Shailey Jewell Date: 14:41, January 08 2014

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____