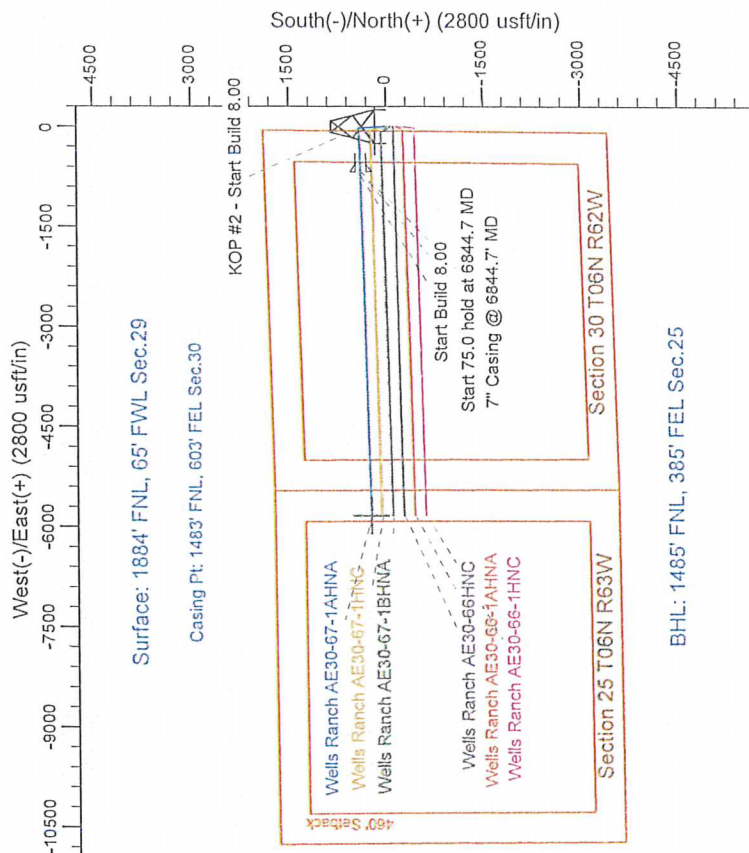
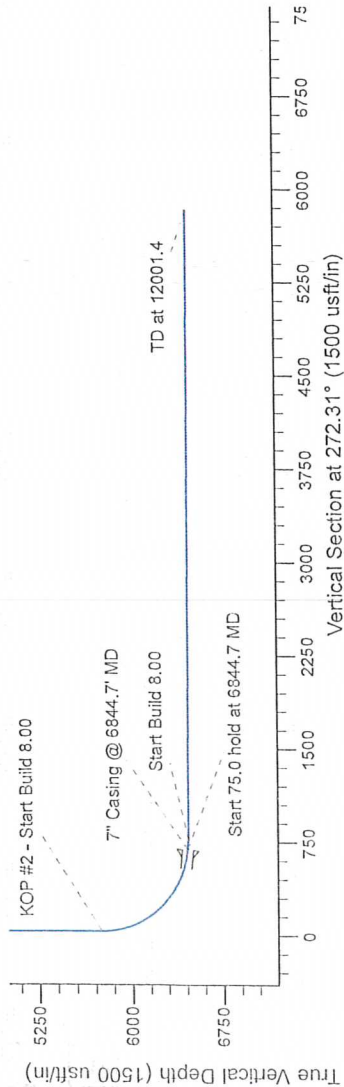
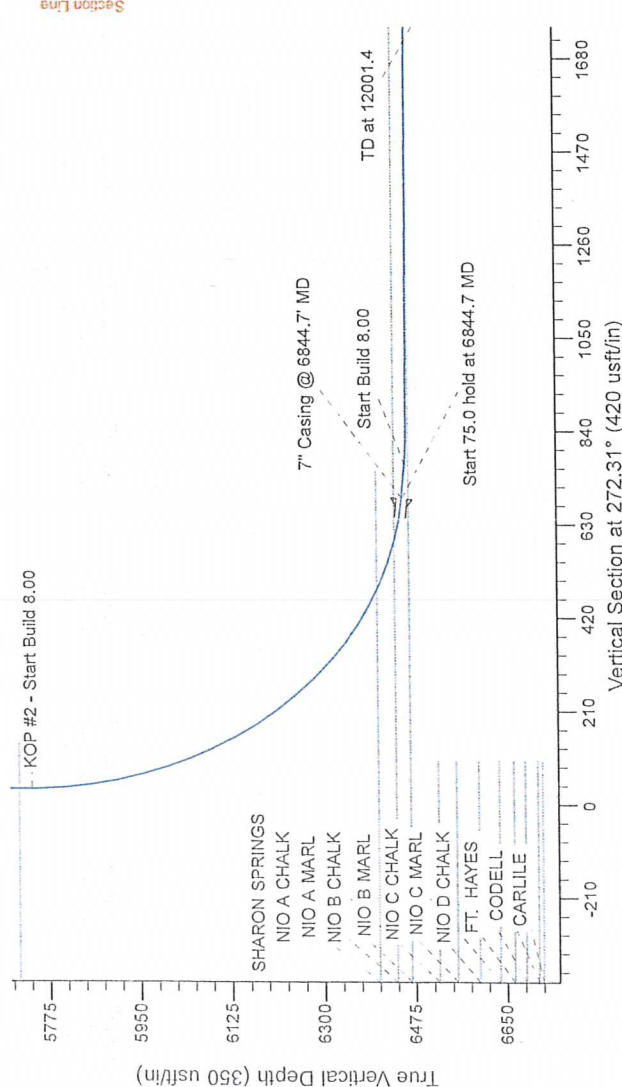


Project: Wattenberg Field  
Site: AE (Sec.29-T06N-R62W) Weld County, CO  
Well: Wells Ranch AE30-67-1AHNA  
Wellbore: Original Drilling  
Design: APD - Rev 0

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	V5ect	Target
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	1200.0	0.0	0.0	1200.0	0.0	0.0	0.0	0.0	0.0	
3	1500.6	14.01	357.13	1893.6	85.1	-4.3	2.0	357.13	7.7	
4	2846.5	14.01	357.13	2811.4	313.9	-15.7	0.0	0.0	28.4	
5	3547.1	0.0	0.0	3505.0	399.0	-20.0	2.0	180.00	36.1	
6	5782.2	0.0	0.0	5740.1	399.0	-20.0	0.0	0.0	36.1	
7	6444.7	85.00	298.38	6453.5	360.6	-673.5	8.0	268.38	688.3	
8	6919.7	85.00	298.38	6450.2	378.5	-748.2	0.0	0.0	762.9	
9	6980.7	89.80	268.38	6462.9	376.8	-608.1	8.0	0.0	822.6	
10	12001.4	89.90	268.38	6480.4	235.2	-5927.7	0.0	0.0	5932.5	



A diagram showing a compass rose with a circle and a vertical line through it. Four arrows point outwards from the circle. To the left of the diagram, the letters 'T' and 'M' are stacked vertically. To the right of the diagram, the text 'Magnetic Field' is written. Below 'Magnetic Field', the text 'Strength: 52992.2snT' is written. Below that, 'Dip Angle: 67.10°' is written. Below that, 'Date: 9/20/2013' is written. Below that, 'Model: IGRF200510' is written. To the left of the diagram, the text 'Azimuths to Grid North' is written. Below that, 'True North: -0.74°' is written. Below that, 'Magnetic North: 7.55°' is written.

WELL DETAILS: Wells Ranch AE30-67-1AHNA			
	Ground Level: 4765.0	Latitude	Longitude
0.0	0.0	3318306.54	-104.356070
	Northings	Easting	
	1412394.99	3318306.54	
Plan: APD - Rev 0 (Wells Ranch AE30-67-1AHNA/Original Drilling)			
Created By: Shalley Jewell		Date: 11:44, September 23 2013	
Checked: _____		Date: _____	
Reviewed: _____		Date: _____	
Approved: _____		Date: _____	