

Project: Wattenberg Field
Site: AE (Sec.20-T06N-R62W) Weld County, CO
Well: Wells Ranch AE20-65-1HN
Wellbore: Original Drilling
Design: APD - Rev 0

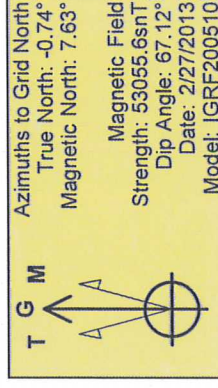
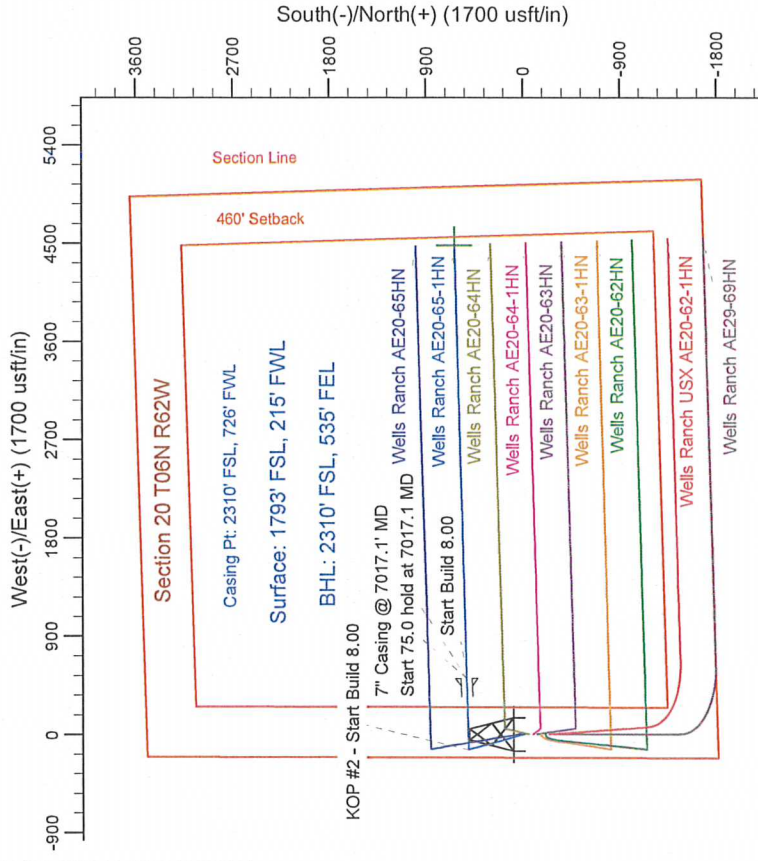
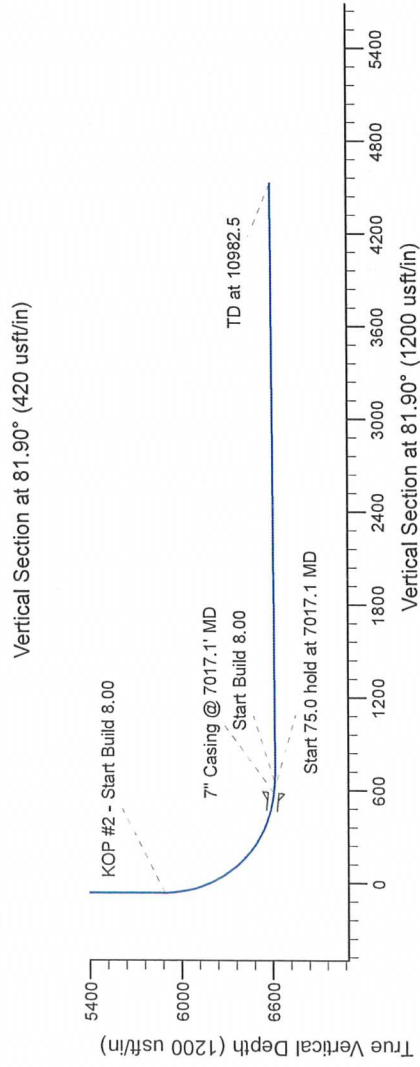
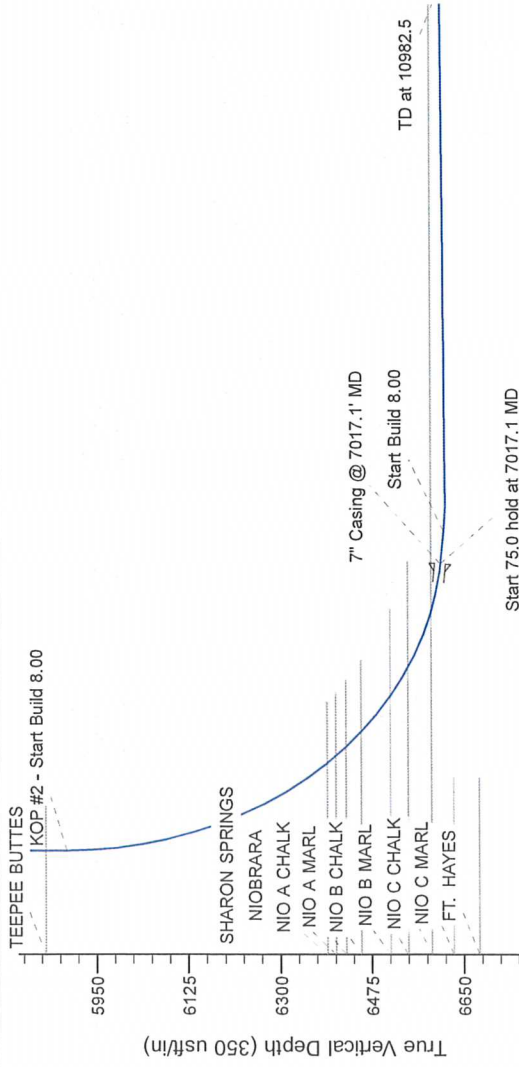
Northern Region Drilling

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	VSecl	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	2551.9	15.04	344.85	2543.3	94.7	-25.6	2.00	344.85	-12.0	
4	3860.1	15.04	344.85	3806.7	422.3	-114.4	0.00	0.00	-53.7	
5	4612.0	0.00	0.00	4550.0	517.0	-140.0	2.00	180.00	-65.7	
6	5954.6	0.00	0.00	5892.6	517.0	-140.0	0.00	0.00	-65.7	
7	7017.1	85.00	88.50	6606.1	534.1	513.6	8.00	88.50	583.7	
8	7092.1	85.00	88.50	6612.6	536.0	588.2	0.00	0.00	657.9	
9	7158.3	90.30	88.50	6615.3	537.7	654.4	8.00	0.00	723.7	
10	10982.5	90.30	88.50	6595.3	637.5	4477.2	0.00	0.00	4522.3	

Wells Ranch AE20-65-1HN BHL 2310FSL, 535FEL



WELL DETAILS: Wells Ranch AE20-65-1HN

Ground Level: 4785.0	North	East	Latitude	Longitude
0.0	0.0	0.0	3318467.72	40.469890

Plan: APD - Rev 0 (Wells Ranch AE20-65-1HN/Original Drilling)

Created By: Shalley Jewell Date: 10-44, March 08 2013
Checked: _____ Date: _____
Reviewed: _____ Date: _____
Approved: _____ Date: _____