

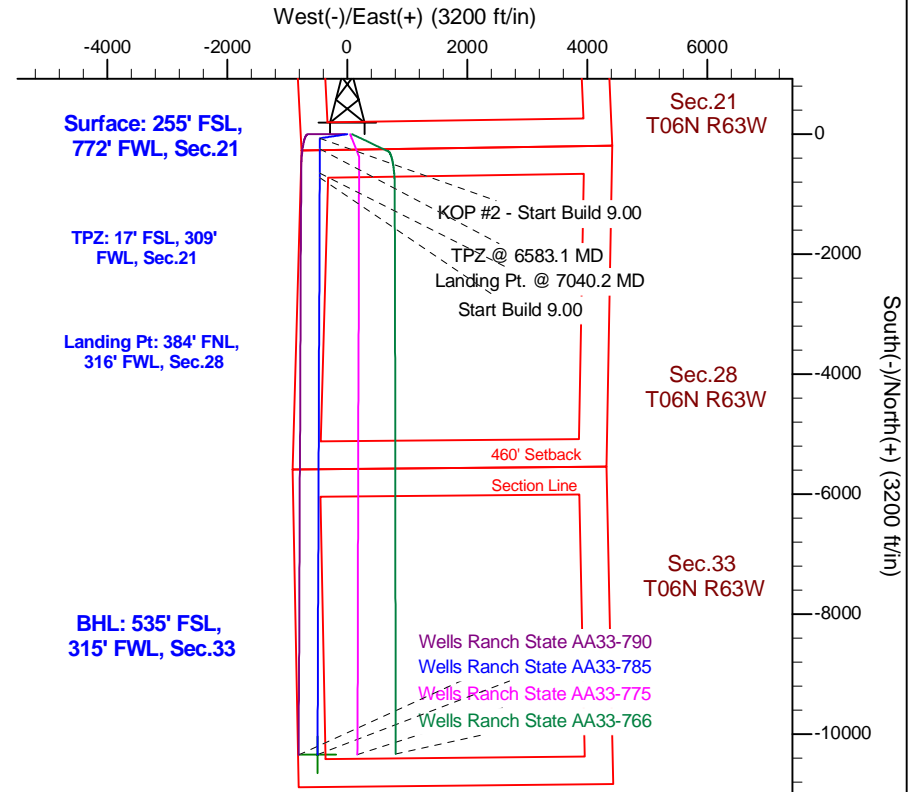
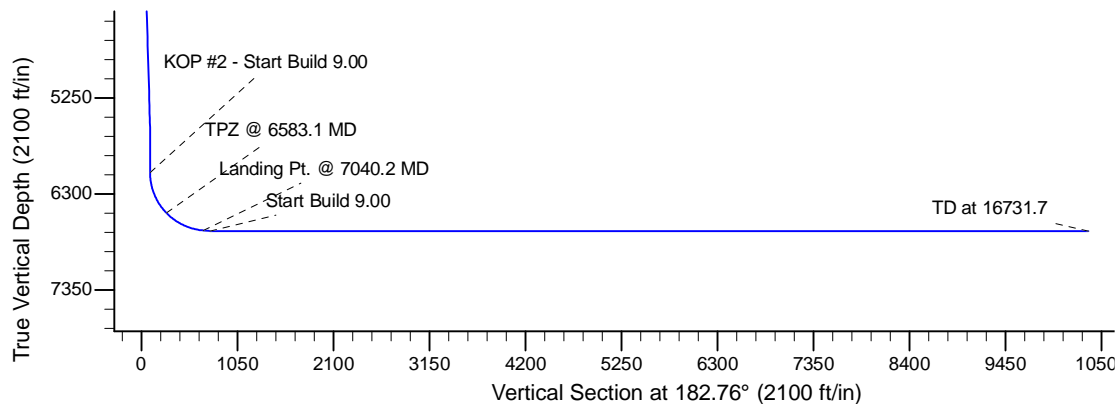
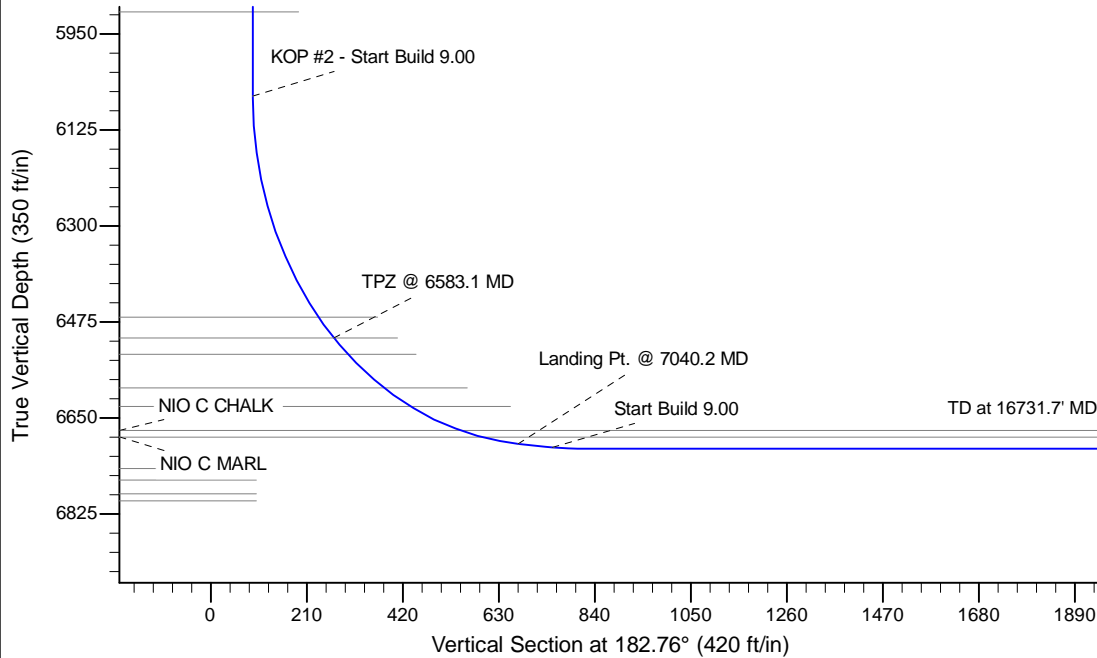
Project: Wattenberg Field
 Site: AA (Sec.21-T06N-R63W) Weld County, CO
 Well: Wells Ranch State AA33-785
 Wellbore: Original Drilling
 Design: APD - Rev 1

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	2200.0	0.00	0.00	2200.0	0.0	0.0	0.00	0.00	0.0	
3	2623.3	8.47	261.35	2621.8	-4.7	-30.9	2.00	261.35	6.2	
4	5359.6	8.47	261.35	5328.2	-65.3	-429.1	0.00	0.00	85.9	
5	5782.9	0.00	0.00	5750.0	-70.0	-460.0	2.00	180.00	92.0	
6	6095.7	0.00	0.00	6062.8	-70.0	-460.0	0.00	0.00	92.0	
7	7040.2	85.00	180.21	6697.0	-651.1	-462.2	9.00	180.21	672.6	
8	7115.2	85.00	180.21	6703.6	-725.8	-462.4	0.00	0.00	747.3	
9	7170.7	90.00	180.21	6706.0	-781.3	-462.6	9.00	0.00	802.7	
10	16731.7	90.00	180.21	6706.0	-10342.2	-498.1	0.00	0.00	10354.2	Wells Ranch State AA33-785 BHL 535'FSL, 315'FWL



T G M

Azimuths to Grid North
 True North: -0.68°
 Magnetic North: 8.18°

Magnetic Field
 Strength: 53372.9snT
 Dip Angle: 67.21°
 Date: 12/31/2009
 Model: IGRF200510

WELL DETAILS: Wells Ranch State AA33-785					
Ground Level: 4703.0					
Northing	Easting	Latitude	Longitude		
0.0	0.0	1414169.11	3292694.47	40.465530	-104.448030
Plan: APD - Rev 1 (Wells Ranch State AA33-785/Original Drilling)					
Created By: Shailey Jewell			Date: 9:28, July 08 2016		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		