

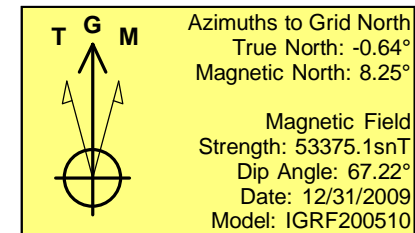
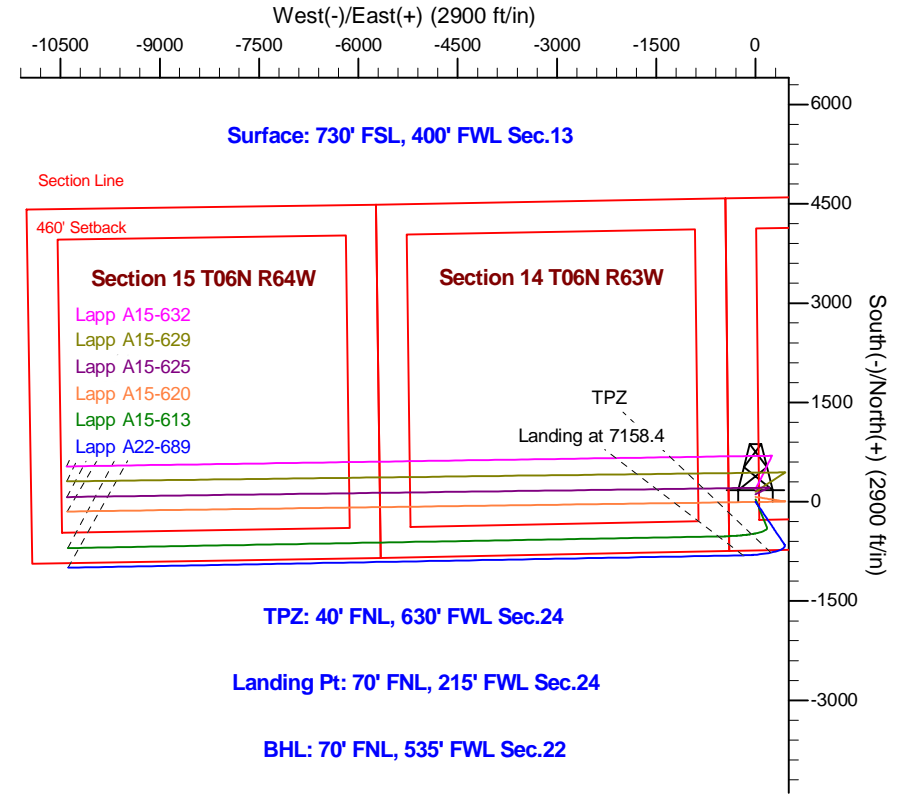
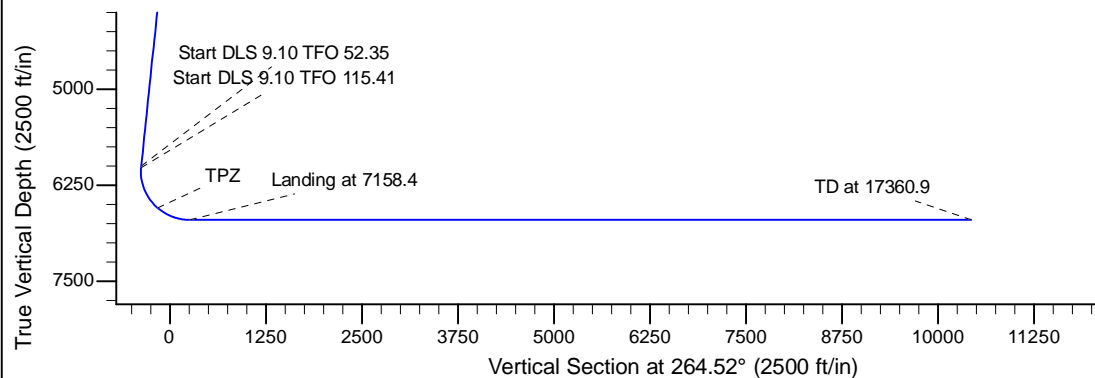
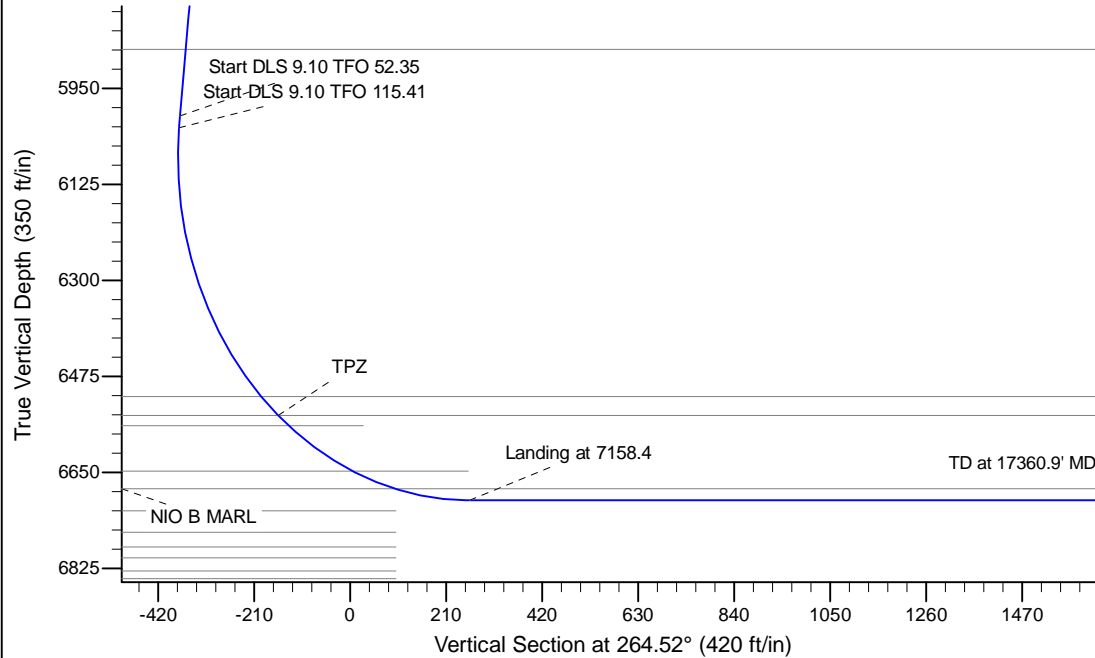
Project: Wattenberg Field  
Site: A (Sec.13-T06N-R63W) Weld County, CO  
Well: Lapp A22-689  
Wellbore: Original Drilling  
Design: APD - Rev 2

# 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	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2100.0	0.00	0.00	2100.0	0.0	0.0	0.00	0.00	0.0	
3	2712.5	12.25	146.00	2707.8	-54.1	36.5	2.00	146.00	-31.1	
4	6081.4	12.25	146.00	6000.0	-646.7	436.2	0.00	0.00	-372.5	
5	6103.8	13.59	152.91	6021.9	-651.0	438.7	9.10	52.35	-374.6	
6	7158.4	90.00	268.95	6701.0	-810.0	-185.0	9.10	115.41	261.5	
7	17360.9	90.00	268.96	6701.0	-995.9	-10385.8	0.00	90.00	10433.4	Lapp A22-689 BHL 70'FNL, 535'FWL



WELL DETAILS: Lapp A22-689				
Ground Level: 4667.0				
0.0	0.0	1419595.38	3276394.49	-104.506390
Plan: APD - Rev 2 (Lapp A22-689/Original Drilling)				
Created By: Shailey Jewell		Date: 13:57, May 24 2016		
Checked: _____		Date: _____		
Reviewed: _____		Date: _____		
Approved: _____		Date: _____		