

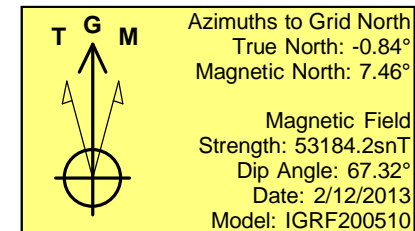
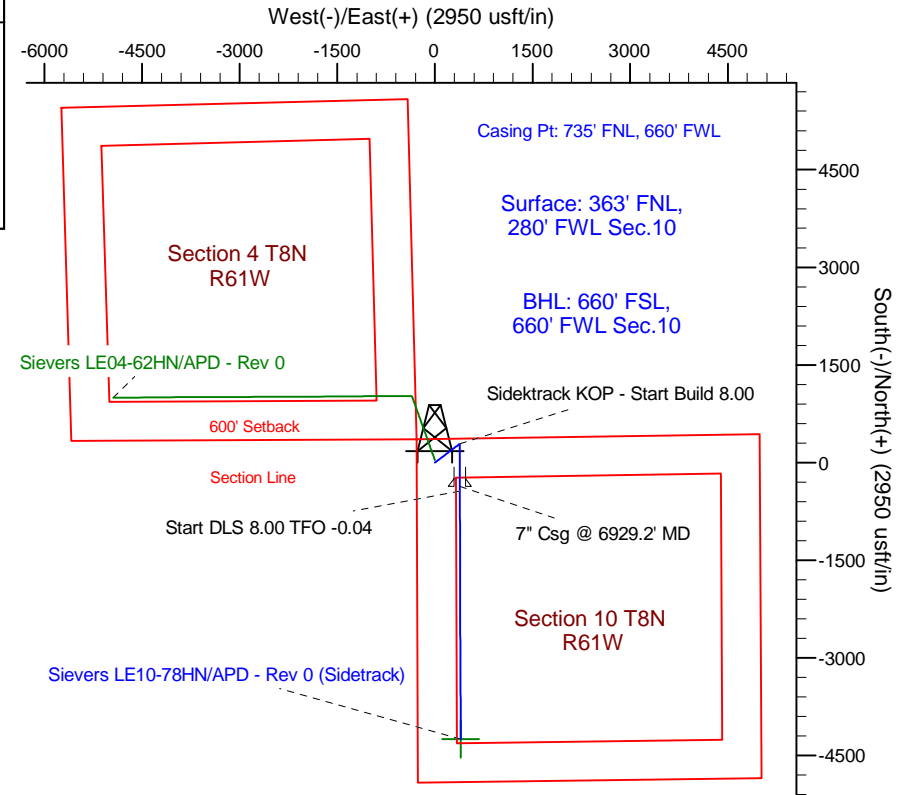
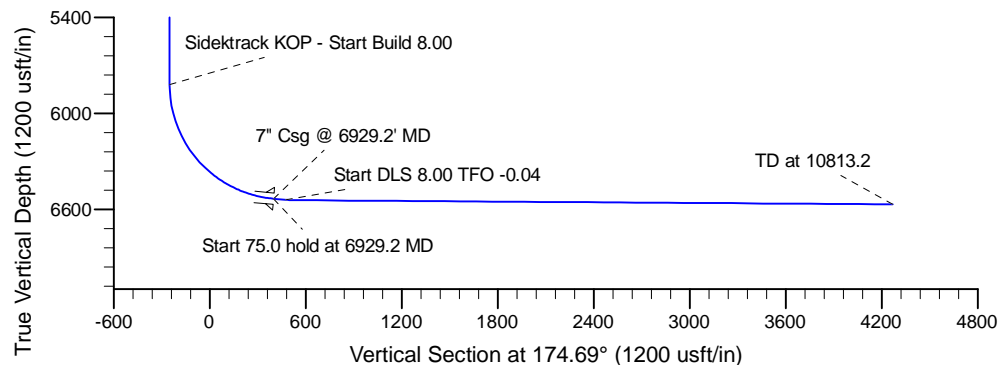
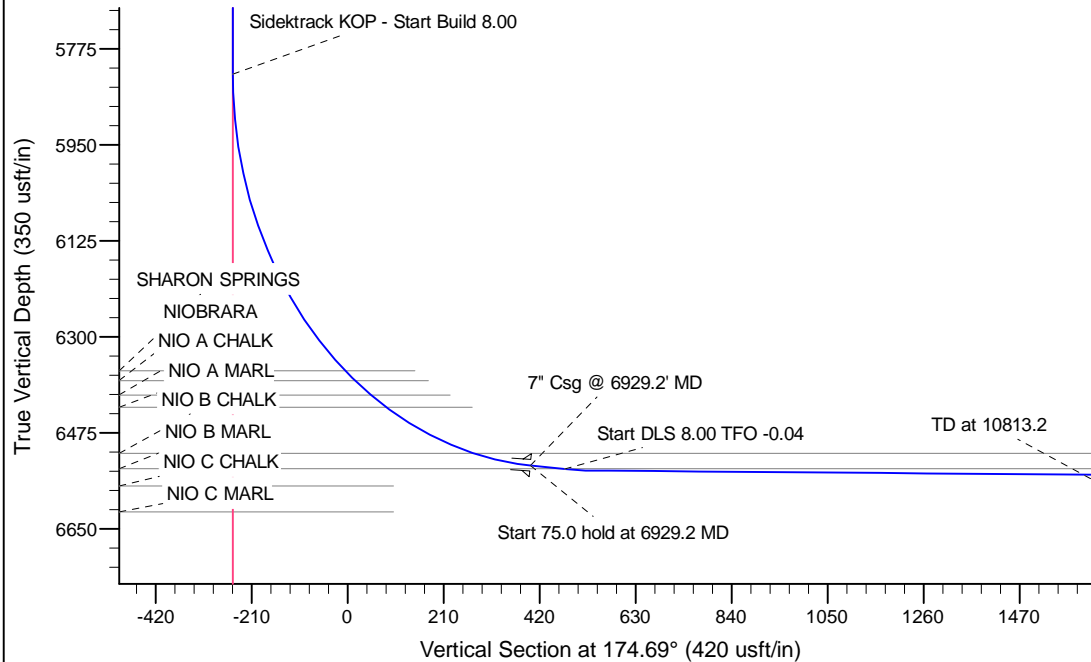
Project: Wattenberg Field  
 Site: LE (Sec.10-T08N-R61W) Weld County, CO  
 Well: Sievers LE10-78HN  
 Wellbore: Original Drilling  
 Design: APD - Rev 0 (Sidetrack)

# 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	VSec	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	2400.1	12.00	52.84	2395.8	37.8	49.9	2.00	52.84	-33.0	
4	4090.6	12.00	52.84	4049.2	250.2	330.1	0.00	0.00	-218.5	
5	4690.7	0.00	0.00	4645.0	288.0	380.0	2.00	180.00	-251.6	
6	5866.7	0.00	0.00	5821.0	288.0	380.0	0.00	0.00	-251.6	
7	6929.2	85.00	179.81	6534.5	-365.8	382.2	8.00	179.81	399.6	
8	7004.2	85.00	179.81	6541.0	-440.5	382.4	0.00	0.00	474.0	
9	7061.7	89.60	179.81	6543.7	-497.9	382.6	8.00	-0.04	531.2	
10	10813.2	89.60	179.81	6569.8	-4249.3	395.2	0.00	0.00	4267.6	Sievers LE10-78HN BHL 660'FSL, 660'FWL



WELL DETAILS: Sievers LE10-78HN					
Ground Level: 4946.0					
0.0	0.0	1494180.65	3360627.97	40° 40' 57.579 N	104° 11' 58.870 W
Plan: APD - Rev 0 (Sidetrack) (Sievers LE10-78HN/Original Drilling)					
Created By: Shailey Jewell			Date: 12:32, February 14 2013		
Checked: _____			Date: _____		
Reviewed: _____			Date: _____		
Approved: _____			Date: _____		