

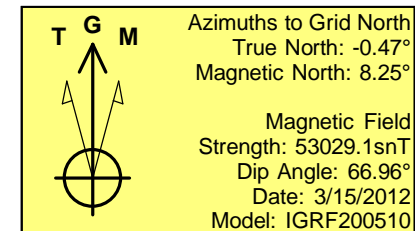
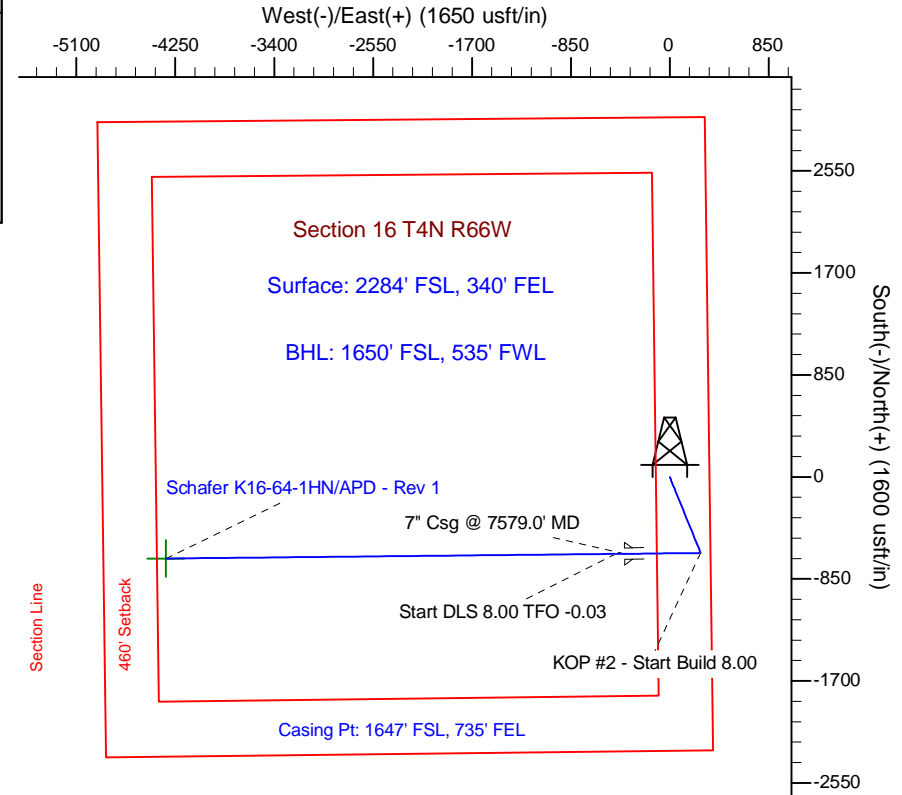
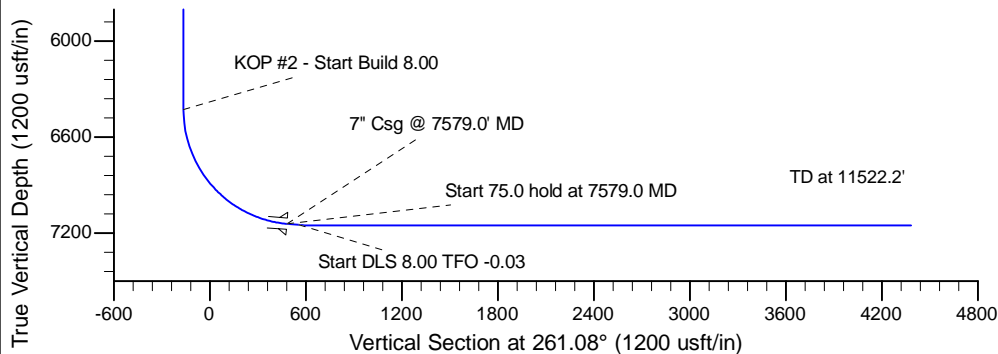
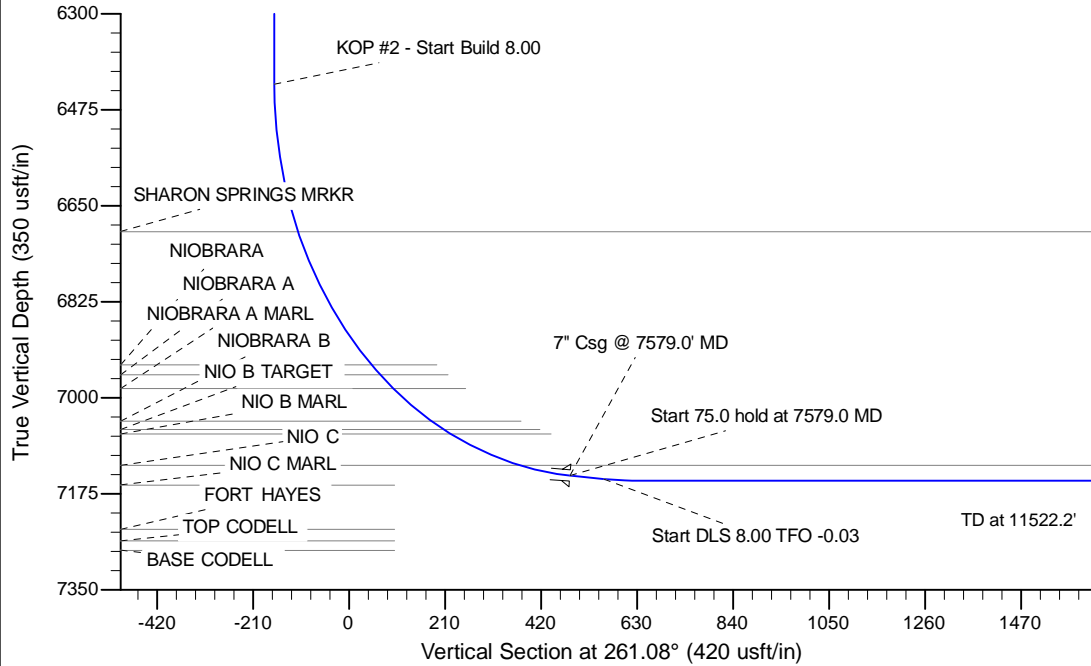
Project: Wattenberg Field  
 Site: K (Sec.16-T04-R66W) Weld County, CO  
 Well: Schafer K16-64-1HN  
 Wellbore: Original Drilling  
 Design: APD - Rev 1

# 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	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	2140.2	16.00	157.32	2131.9	-82.0	34.3	2.50	157.32	-21.1	
4	3988.0	16.00	157.32	3908.1	-552.0	230.7	0.00	0.00	-142.3	
5	4628.2	0.00	0.00	4540.0	-634.0	265.0	2.50	180.00	-163.5	
6	6516.5	0.00	0.00	6428.3	-634.0	265.0	0.00	0.00	-163.5	
7	7579.0	85.00	269.43	7141.8	-640.5	-388.7	8.00	269.43	483.4	
8	7654.0	85.00	269.43	7148.3	-641.2	-463.5	0.00	0.00	557.3	
9	7716.5	90.00	269.43	7151.0	-641.9	-525.9	8.00	-0.03	619.0	
10	11522.2	90.00	269.43	7151.0	-679.9	-4331.4	0.00	0.00	4384.5	Schafer K16-64-1HN BHL 1650'FSL, 535'FWL



WELL DETAILS: Schafer K16-64-1HN			
Ground Level:	4744.0	Latitude	40.310690
Northing	1356853.18	Easting	3202345.50
		Longitude	-104.774420
Plan: APD - Rev 1 (Schafer K16-64-1HN/Original Drilling)			
Created By: Carrie Willers	Date: 10:53, December 20 2012		
Checked: _____	Date: _____		
Reviewed: _____	Date: _____		
Approved: _____	Date: _____		