

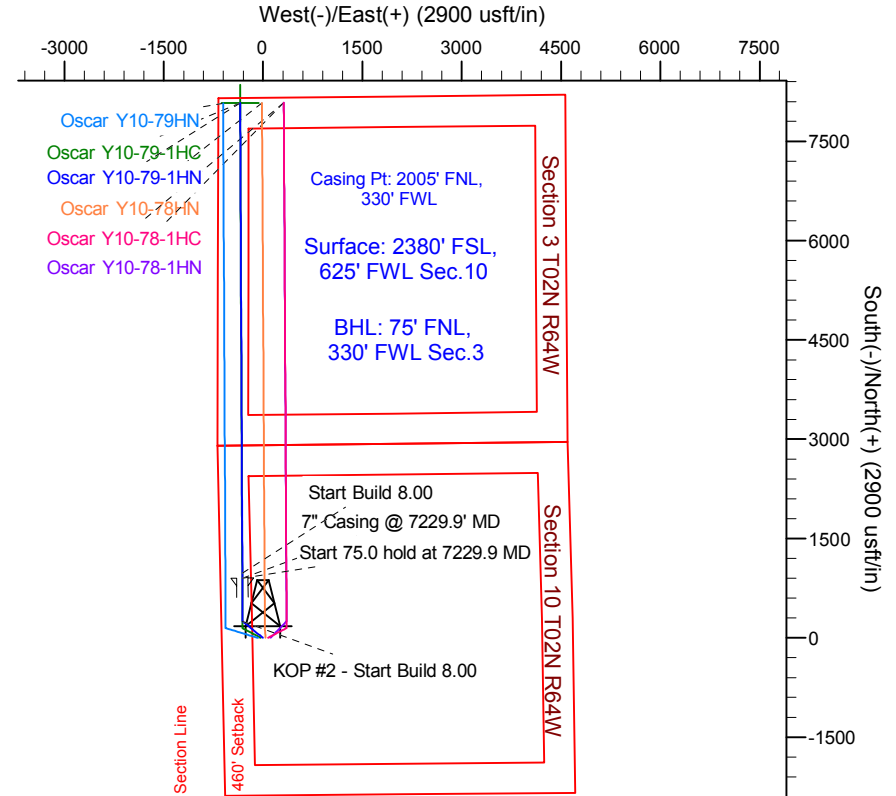
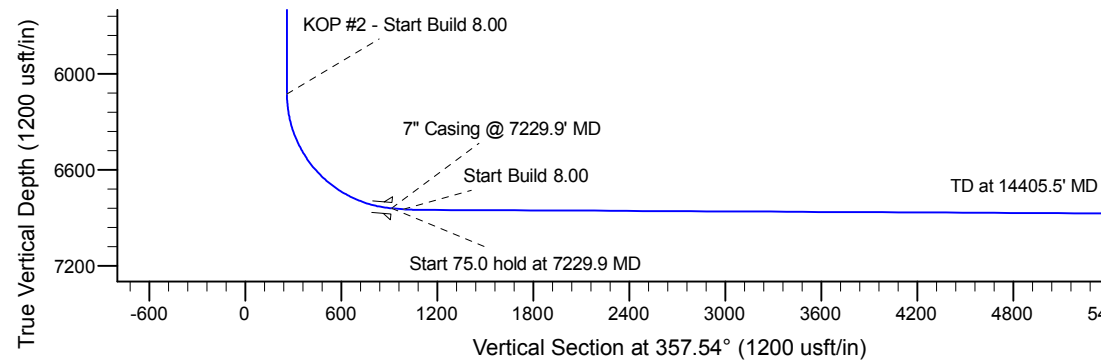
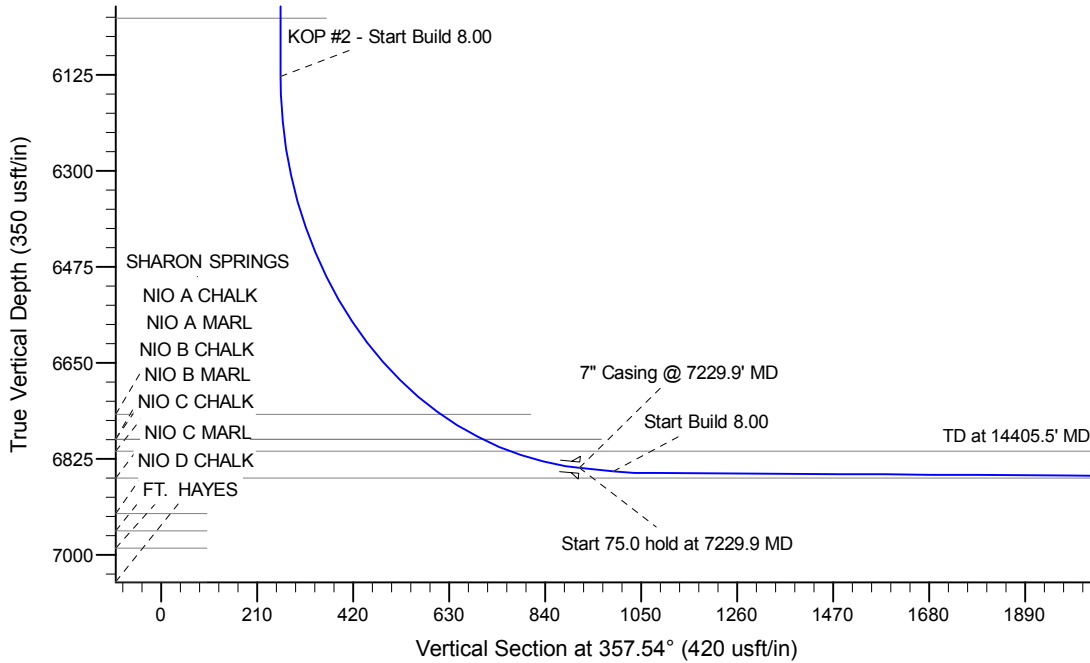
Project: Wattenberg Field  
 Site: Y (Sec.10-T02N-R64W) Weld County, CO  
 Well: Oscar Y10-79-1HN  
 Wellbore: Original Drilling  
 Design: APD - Rev 0

# 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	VSec	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	2151.4	13.03	308.66	2145.8	46.1	-57.6	2.00	308.66	48.5	
4	3258.3	13.03	308.66	3224.2	201.9	-252.4	0.00	0.00	212.6	
5	3909.7	0.00	0.00	3870.0	248.0	-310.0	2.00	180.00	261.1	
6	6167.4	0.00	0.00	6127.7	248.0	-310.0	0.00	0.00	261.1	
7	7229.9	85.00	359.73	6841.2	901.8	-313.1	8.00	359.73	914.4	
8	7304.9	85.00	359.73	6847.7	976.5	-313.4	0.00	0.00	989.0	
9	7363.6	89.70	359.73	6850.4	1035.2	-313.7	8.00	0.00	1047.7	
10	14405.5	89.70	359.73	6887.3	8076.8	-346.9	0.00	0.00	8084.3	Oscar Y10-79-1HN BHL 75'FNL, 330'FWL



**T G M**

Azimuths to Grid North  
 True North: -0.62°  
 Magnetic North: 7.82°

Magnetic Field  
 Strength: 52860.2snT  
 Dip Angle: 66.84°  
 Date: 4/1/2013  
 Model: IGRF200510

WELL DETAILS: Oscar Y10-79-1HN			
Ground Level: 4943.0			
Northing	Easting	Latitude	Longitude
0.0	0.0	1299745.95	3266988.94
		40.152250	-104.544840
Plan: APD - Rev 0 (Oscar Y10-79-1HN/Original Drilling)			
Created By: Shailey Jewell	Date: 10:38, April 03 2013		
Checked: _____	Date: _____		
Reviewed: _____	Date: _____		
Approved: _____	Date: _____		