

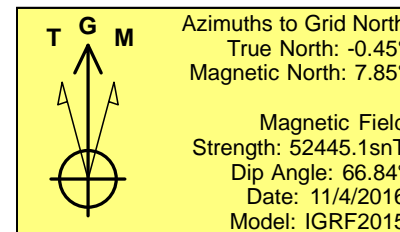
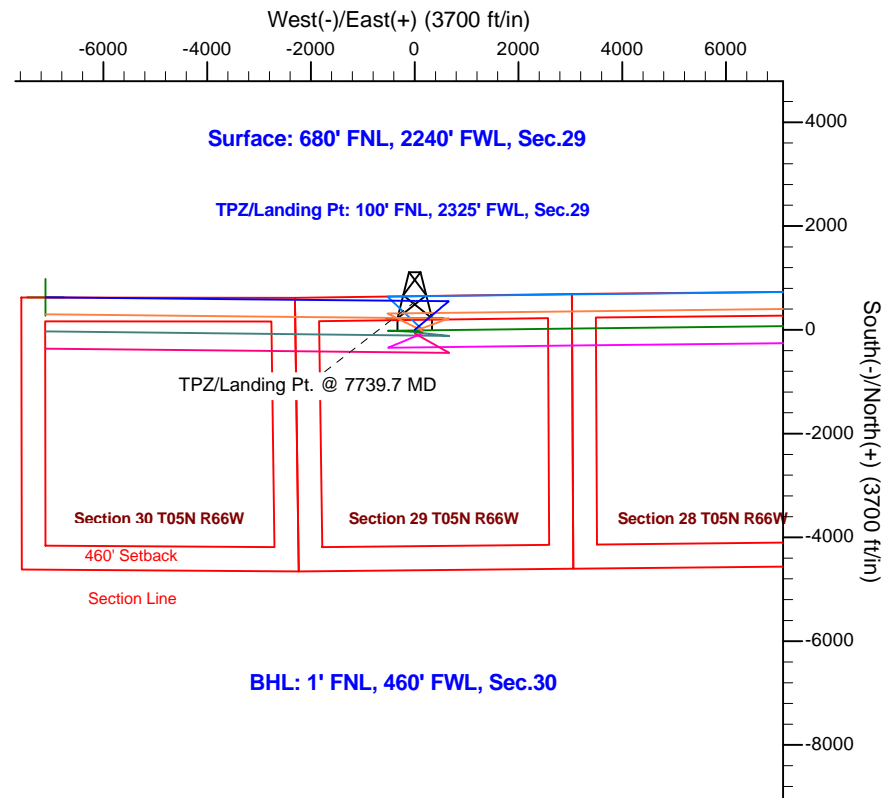
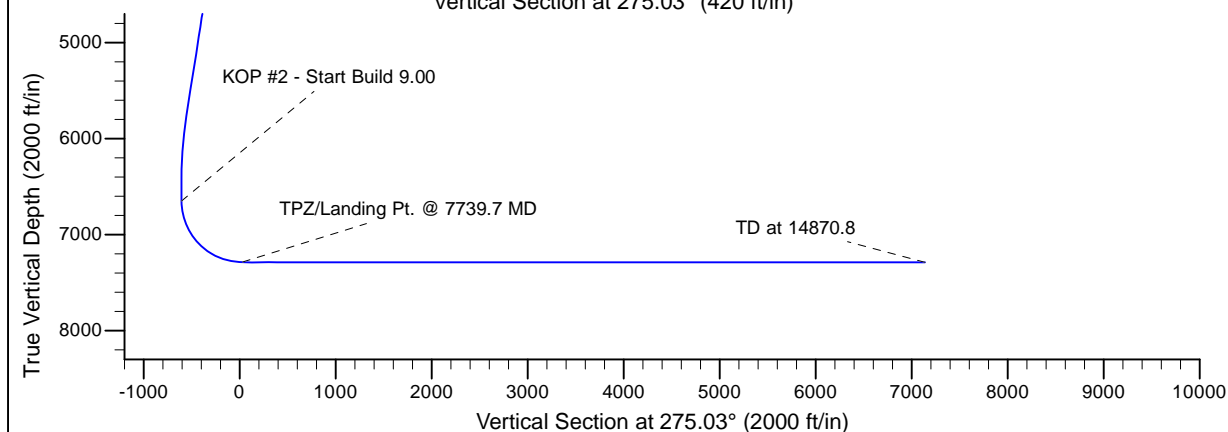
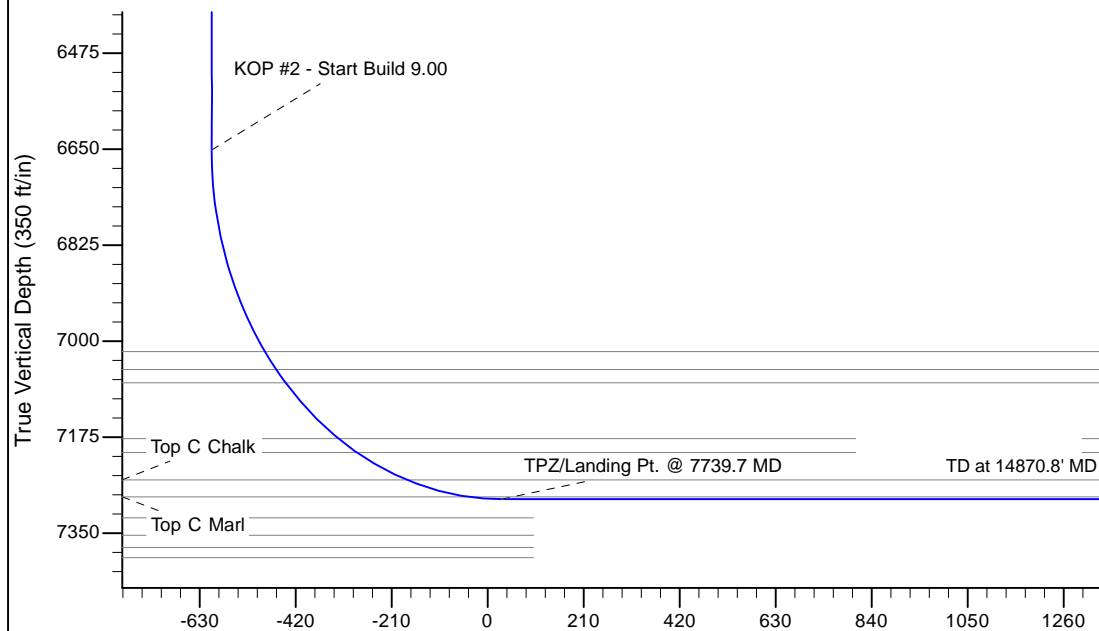
Project: Greeley Crescent
 Site: J Section 29-T5N-R66W Weld County, CO
 Well: Sanford J30-690
 Wellbore: Original Drilling
 Design: APD - Rev 1

Northern Region - DJ Basin

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	1900.0	0.00	0.00	1900.0	0.0	0.0	0.00	0.00	0.0	
3	2522.3	12.45	49.98	2517.4	43.3	51.6	2.00	49.98	-47.6	
4	5866.0	12.45	49.98	5782.6	506.7	603.4	0.00	0.00	-556.6	
5	6488.3	0.00	0.00	6400.0	550.0	655.0	2.00	180.00	-604.2	
6	6739.7	0.00	0.00	6651.4	550.0	655.0	0.00	0.00	-604.2	
7	7739.7	90.00	270.56	7288.0	556.3	18.4	9.00	270.56	30.5	
8	14870.8	90.00	270.56	7288.0	626.5	-7112.3	0.00	0.00	7139.8	Sanford J30-690 BHL 1'FNL, 460'FWL



WELL DETAILS: Sanford J30-690					
		Ground Elevation: 4906.0' MD			
	Northing	Easting	Latitude	Longitude	
0.0	0.0	1380536.17	3193651.06	40.3758900	-104.8049300
Plan: APD - Rev 1 (Sanford J30-690/Original Drilling)					
Created By: Shailey Jewell			Date: 15:35, January 16 2017		
OK to submit with 2A as per Noble Drilling 1/16/2017 3:40					