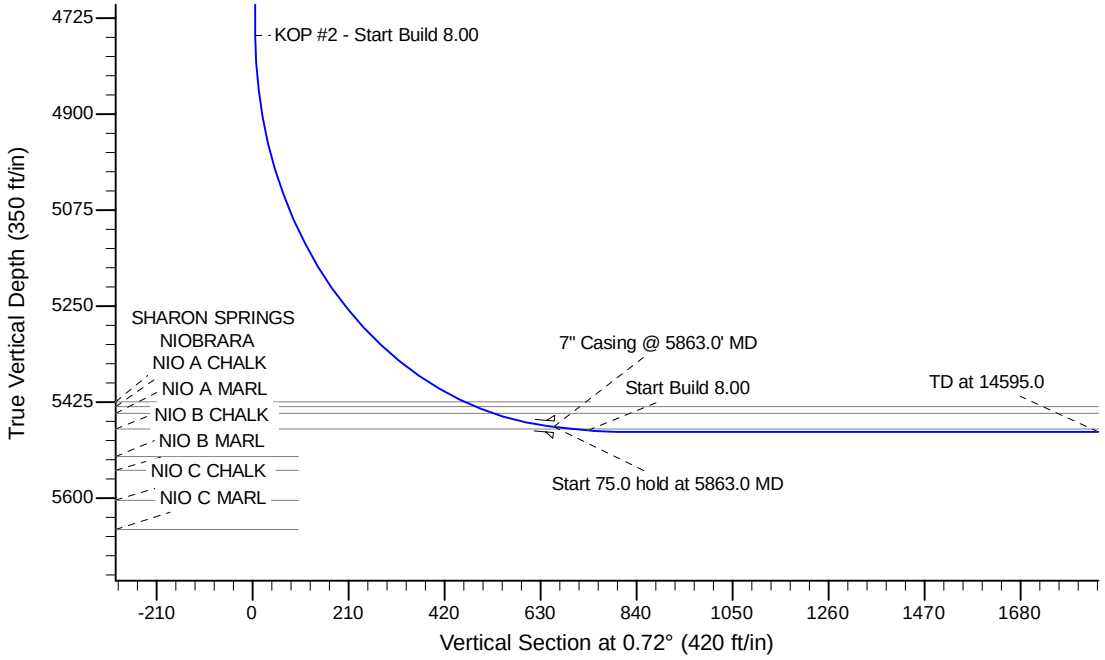
Project: Wattenberg Field
Site: LD (Sec.1-T09N-R58W) Weld County, CO
Well: Morton State LD01-78-1AHN
Wellbore: Original Drilling
Design: APD - Rev 1

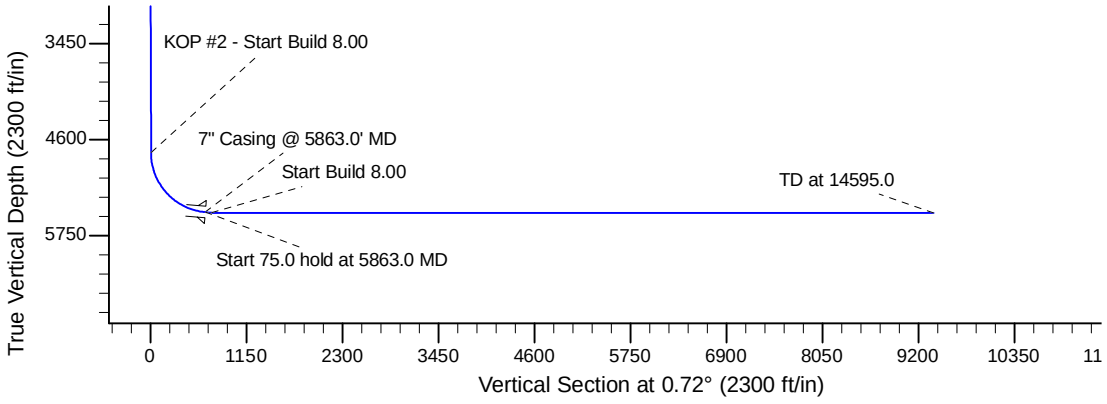
Northern Region Drilling - Working

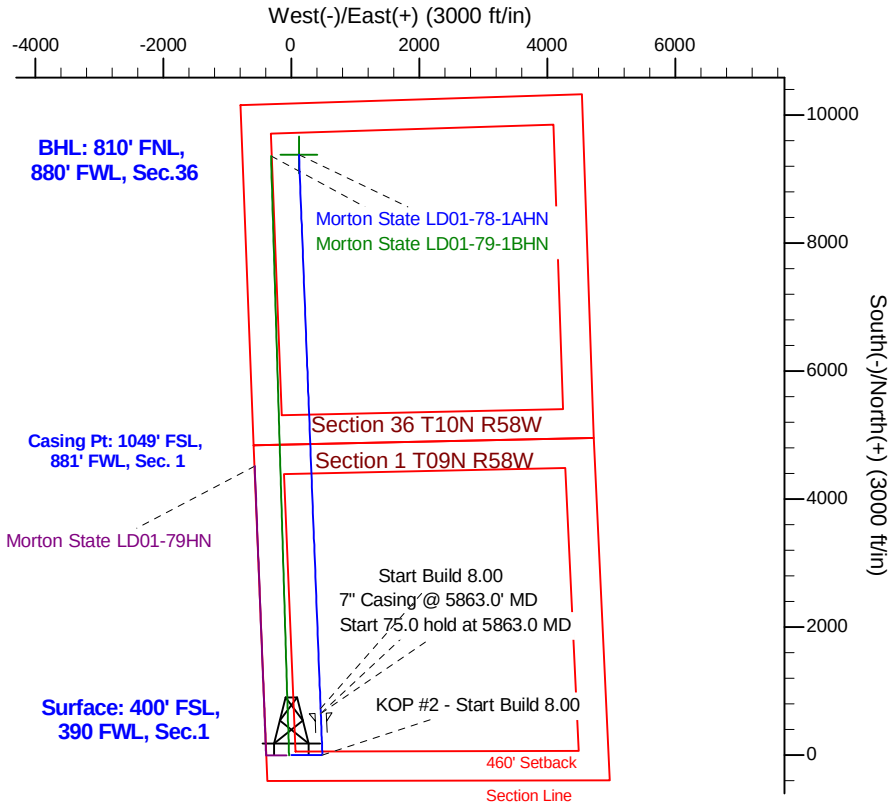
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level

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	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	2063.3	11.27	90.00	2059.6	0.0	55.2	2.00	90.00	0.7	
4	3980.9	11.27	90.00	3940.4	0.0	429.8	0.00	0.00	5.4	
5	4544.2	0.00	0.00	4500.0	0.0	485.0	2.00	180.00	6.1	
6	4800.5	0.00	0.00	4756.3	0.0	485.0	0.00	0.00	6.1	
7	5863.0	85.00	357.76	5469.7	653.3	459.5	8.00	357.76	659.0	
8	5938.0	85.00	357.76	5476.3	727.9	456.6	0.00	0.00	733.6	
9	6000.5	90.00	357.76	5479.0	790.3	454.1	8.00	0.00	796.0	
10	14595.0	90.00	357.76	5479.0	9378.3	118.6	0.00	0.00	9379.1	Morton State LD01-78-1AHN BHL 810'FNL, 880'FWL







Azimuths to Grid North
True North: -1.08°
Magnetic North: 6.86°

Magnetic Field
Strength: 53157.4snT
Dip Angle: 67.41°
Date: 3/12/2014
Model: IGRF200510

WELL DETAILS: Morton State LD01-78-1AHN

Ground Level: 4656.0

		Northing	Easting	Latitude	Longitude
0.0	0.0	1529384.29	3465215.82	40.774450	-103.820250

Plan: APD - Rev 1 (Morton State LD01-78-1AHN/Original Drilling)

Created By: Shailey Jewell Date: 13:23, August 12 2014

OK to submit with 2A as per Noble Drilling
8/12/2014 2:22