

Project: Wells Ranch
 Site: BB Section 05
 Well: Wells Ranch State AA32-775
 Wellbore: Wellbore #1
 Design: Plan #3

Northern Region - DJ Basin

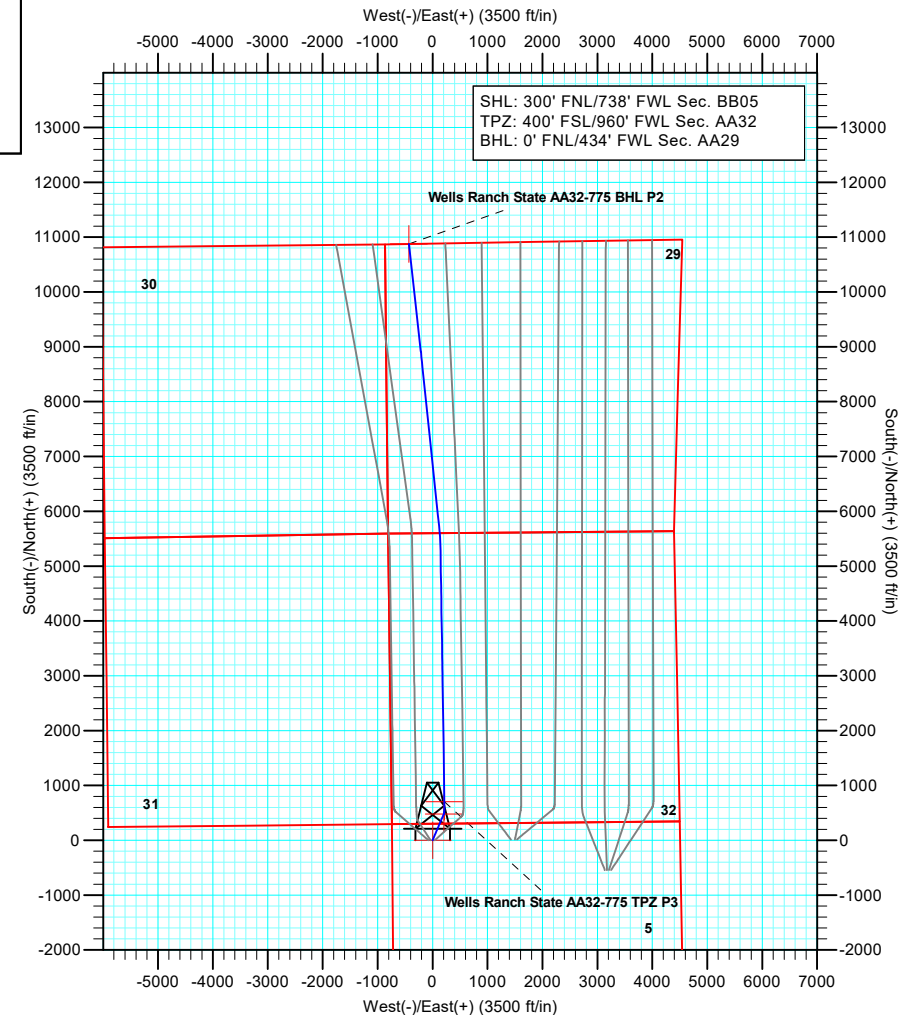
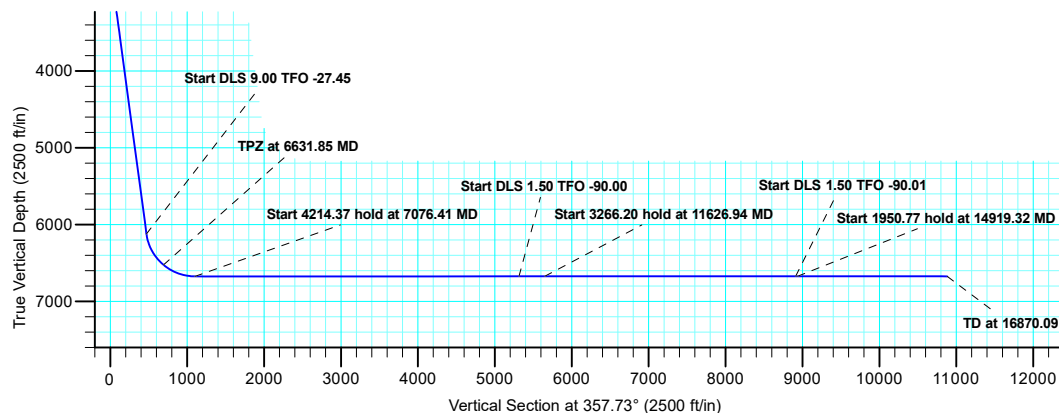
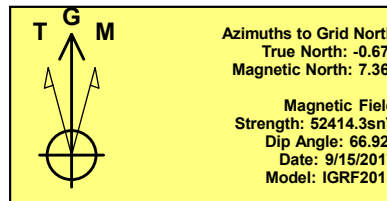
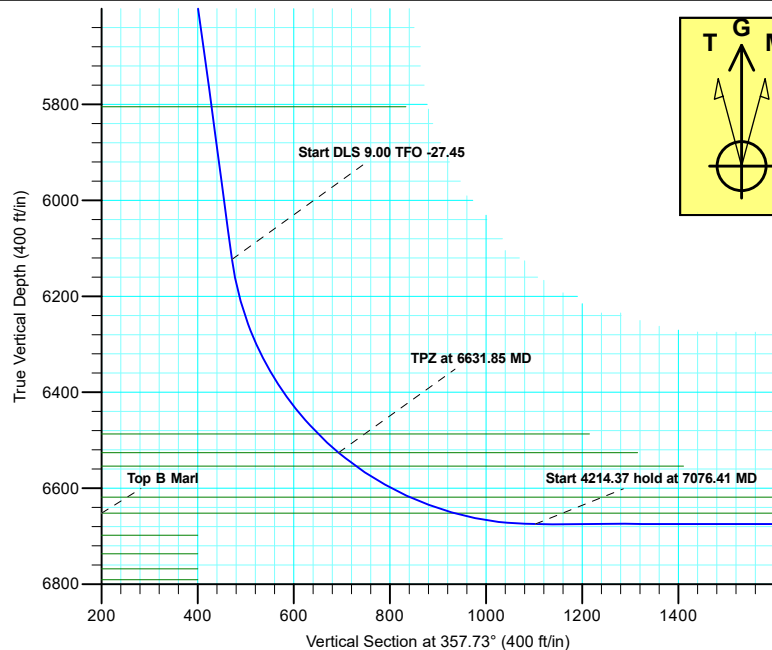
Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Colorado Northern Zone
 System Datum: Mean Sea Level

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	0.00
3	2822.47	8.45	23.04	2820.94	28.61	12.17	2.00	23.04	28.11
4	6161.08	8.45	23.04	6123.31	480.03	204.18	0.00	0.00	471.57
5	6631.85	49.99	359.11	6526.00	702.35	215.45	9.00	-27.45	693.27
6	7076.41	90.00	359.11	6675.01	1111.60	209.12	9.00	0.00	1102.45
7	11290.78	90.00	359.11	6675.00	5325.47	143.99	0.00	0.00	5315.59
8	11626.94	90.00	354.07	6675.00	5660.93	124.02	1.50	-90.00	5651.58
9	14893.14	90.00	354.07	6675.00	8909.66	-213.31	0.00	0.00	8911.12
10	14919.32	90.00	353.68	6675.00	8935.69	-216.10	1.50	-90.01	8937.24
11	16870.09	90.00	353.68	6675.00	10874.61	-430.87	0.00	0.00	10883.14

WELL DETAILS: Wells Ranch State AA32-775

+N/-S	+E/-W	Northing	Ground Level: Easting	4674.00 Latitude	Longitude	Slot
0.00	0.00	1402945.10	3287391.49	40.4348935	-104.4675573	



Plan: Plan #3 (Wells Ranch State AA32-775/Wellbore #1)

Created By: Shelly C. Peterkin Date: 15:49, June 04 2019

OK to submit with 2A as per Noble Drilling 6/4/2019