

Project: Wells Ranch
 Site: BB Section 05
 Well: Wells Ranch State AA32-770
 Wellbore: Wellbore #1
 Design: Plan #3

Northern Region - DJ Basin

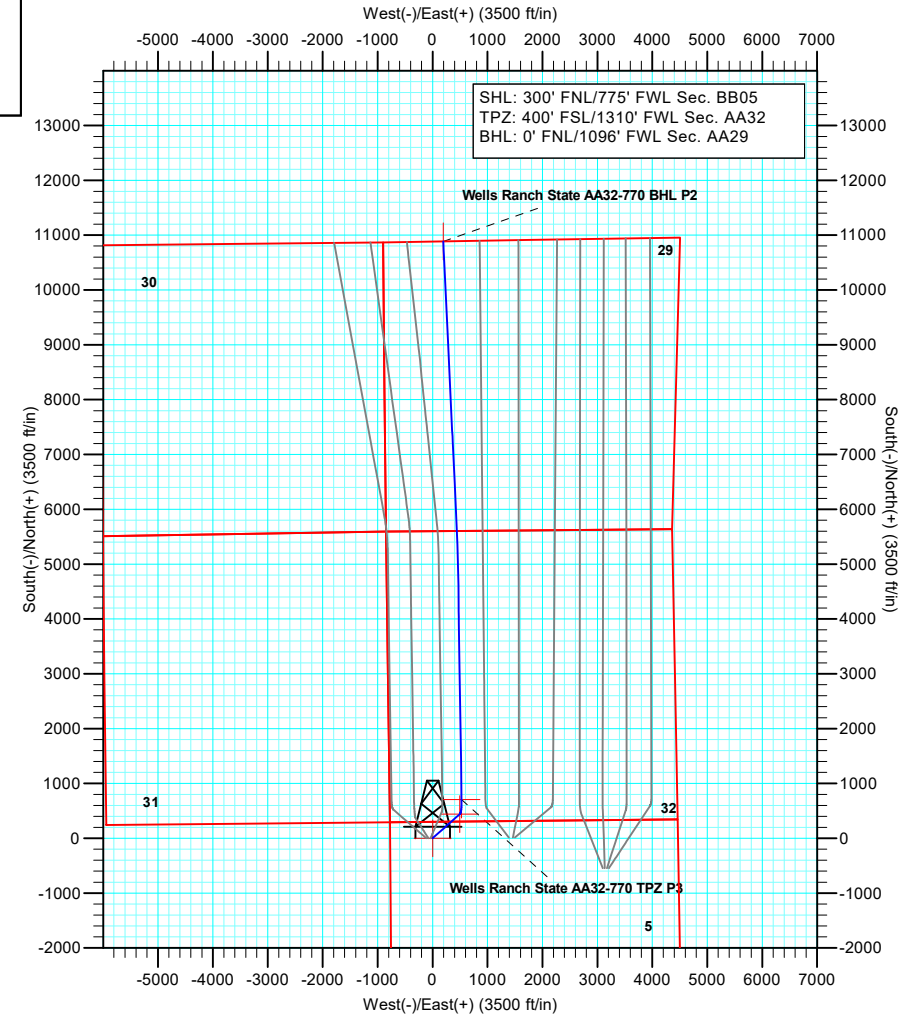
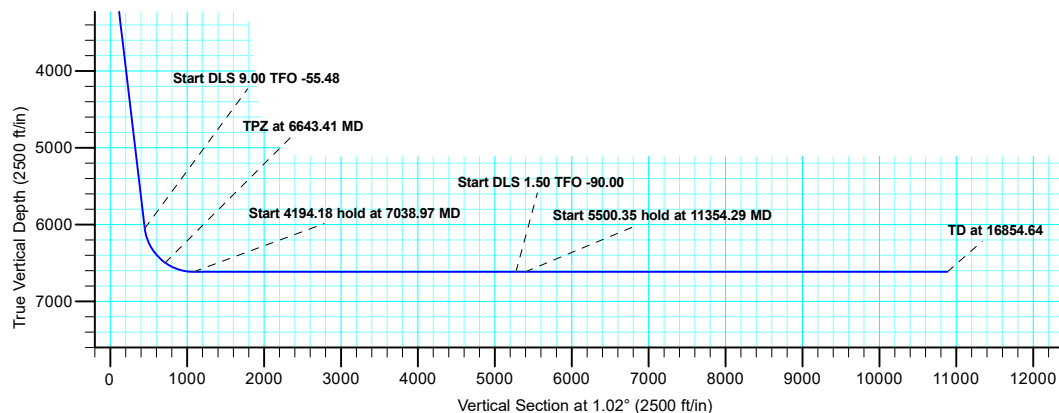
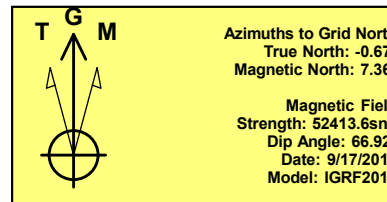
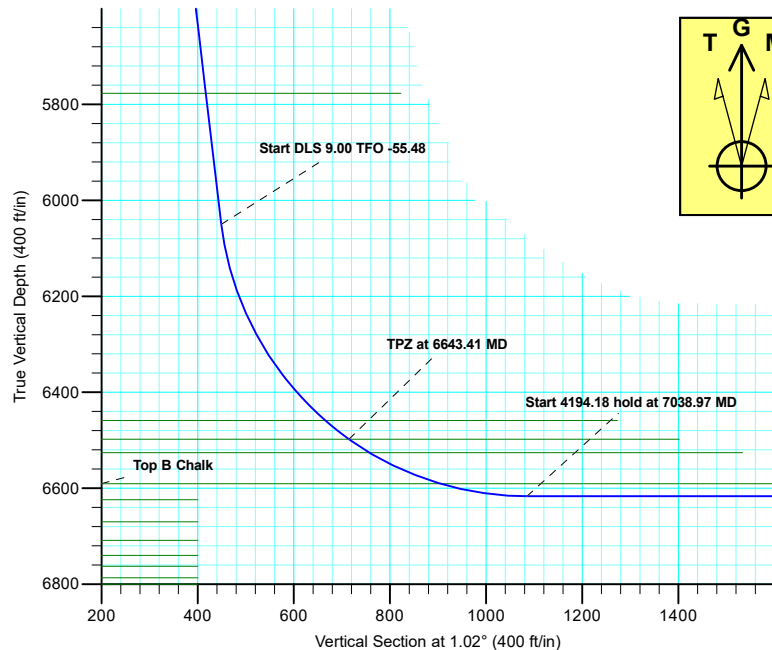
Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Colorado Northern Zone
 System Datum: Mean Sea Level

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	2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00
3	2494.31	9.89	48.32	2491.86	28.29	31.77	2.00	48.32	28.85
4	6106.28	9.89	48.32	6050.20	440.68	494.93	0.00	0.00	449.42
5	6643.41	54.40	359.11	6498.00	705.59	527.97	9.00	-55.48	714.88
6	7038.97	90.00	359.11	6616.98	1076.14	522.23	9.00	0.00	1085.27
7	11233.15	90.00	359.11	6617.00	5269.81	457.26	0.00	0.00	5277.12
8	11354.29	90.00	357.30	6617.00	5390.89	453.46	1.50	-90.00	5398.11
9	16854.64	90.00	357.30	6617.00	10885.12	193.91	0.00	0.00	10886.84

WELL DETAILS: Wells Ranch State AA32-770

+N/-S	+E/-W	Northing	Ground Level: Easting	4674.00 Latitude	Longitude	Slot
0.00	0.00	1402945.46	3287428.96	40.4348933	-104.4674227	



Plan: Plan #3 (Wells Ranch State AA32-770/Wellbore #1)

Created By: Shelly C. Peterkin Date: 15:58, June 04 2019

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