

Project: Wells Ranch
 Site: BB Section 05
 Well: Wells Ranch State AA32-783
 Wellbore: Wellbore #1
 Design: Plan #3

Northern Region - DJ Basin

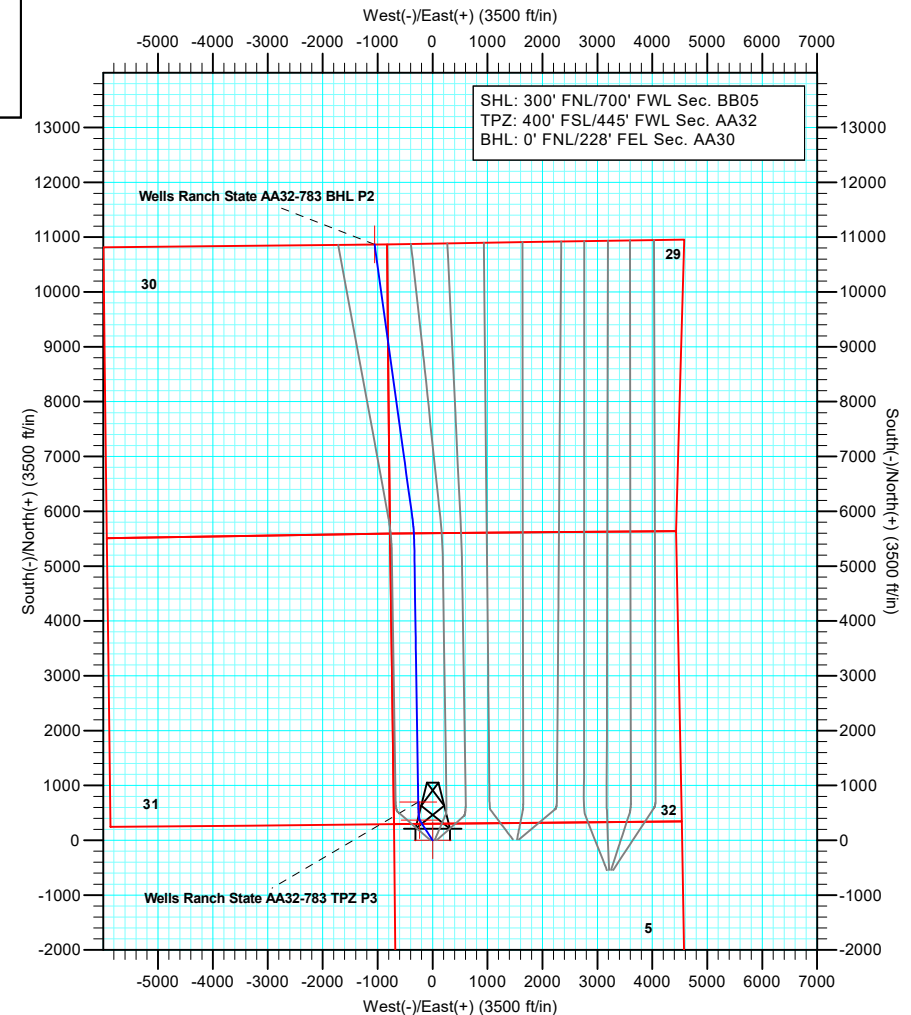
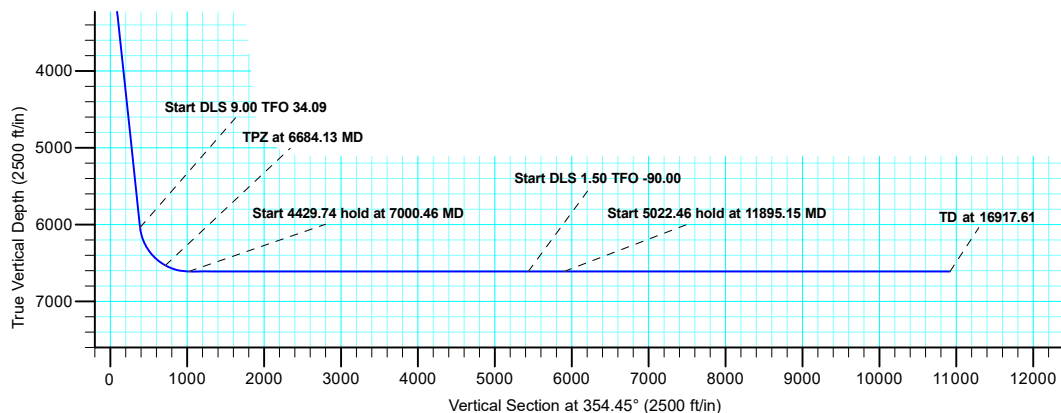
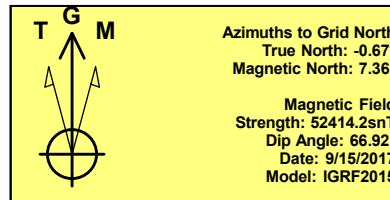
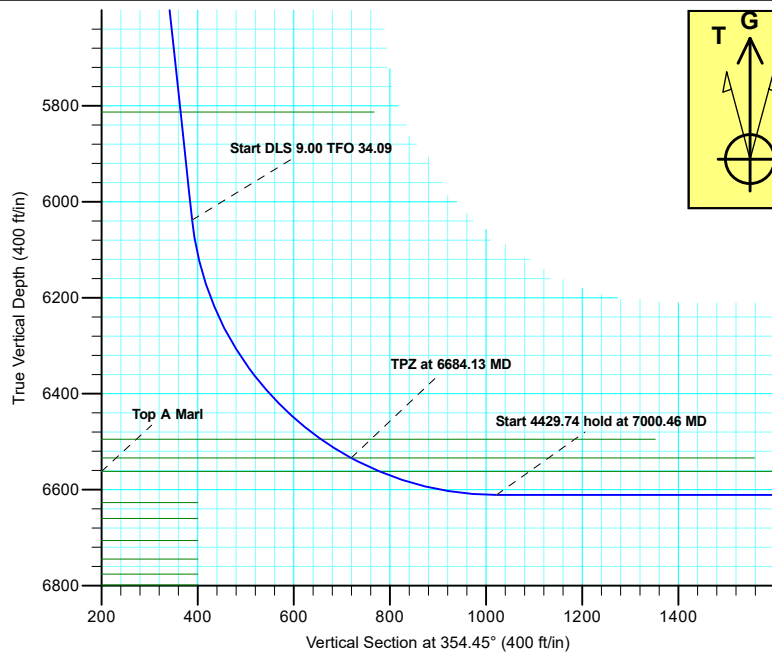
Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Colorado Northern Zone
 System Datum: Mean Sea Level

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	2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00
3	2539.42	6.79	327.29	2538.62	16.90	-10.85	2.00	327.29	17.87
4	6063.78	6.79	327.29	6038.28	367.41	-235.98	0.00	0.00	388.51
5	6684.13	61.53	359.12	6534.00	697.43	-262.06	9.00	34.09	719.50
6	7000.46	90.00	359.12	6610.99	1000.87	-266.70	9.00	0.00	1021.96
7	11430.20	90.00	359.12	6611.00	5430.09	-334.39	0.00	0.00	5436.98
8	11895.15	90.00	352.15	6611.00	5893.41	-369.74	1.50	-90.00	5901.55
9	16917.61	90.00	352.15	6611.00	10868.81	-1055.70	0.00	0.00	10919.96

WELL DETAILS: Wells Ranch State AA32-783

+N/-S	+E/-W	Northing	Ground Level: Easting	4673.00 Latitude	Longitude	Slot
0.00	0.00	1402944.73	3287354.02	40.4348937	-104.4676919	



Plan: Plan #3 (Wells Ranch State AA32-783/Wellbore #1)

Created By: Shelly C. Peterkin Date: 15:38, June 04 2019

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