

Project: Wells Ranch
 Site: BB Section 11
 Well: Wells Ranch BB09-650
 Wellbore: Original Drilling
 Design: APD - Rev 1

Northern Region - DJ Basin

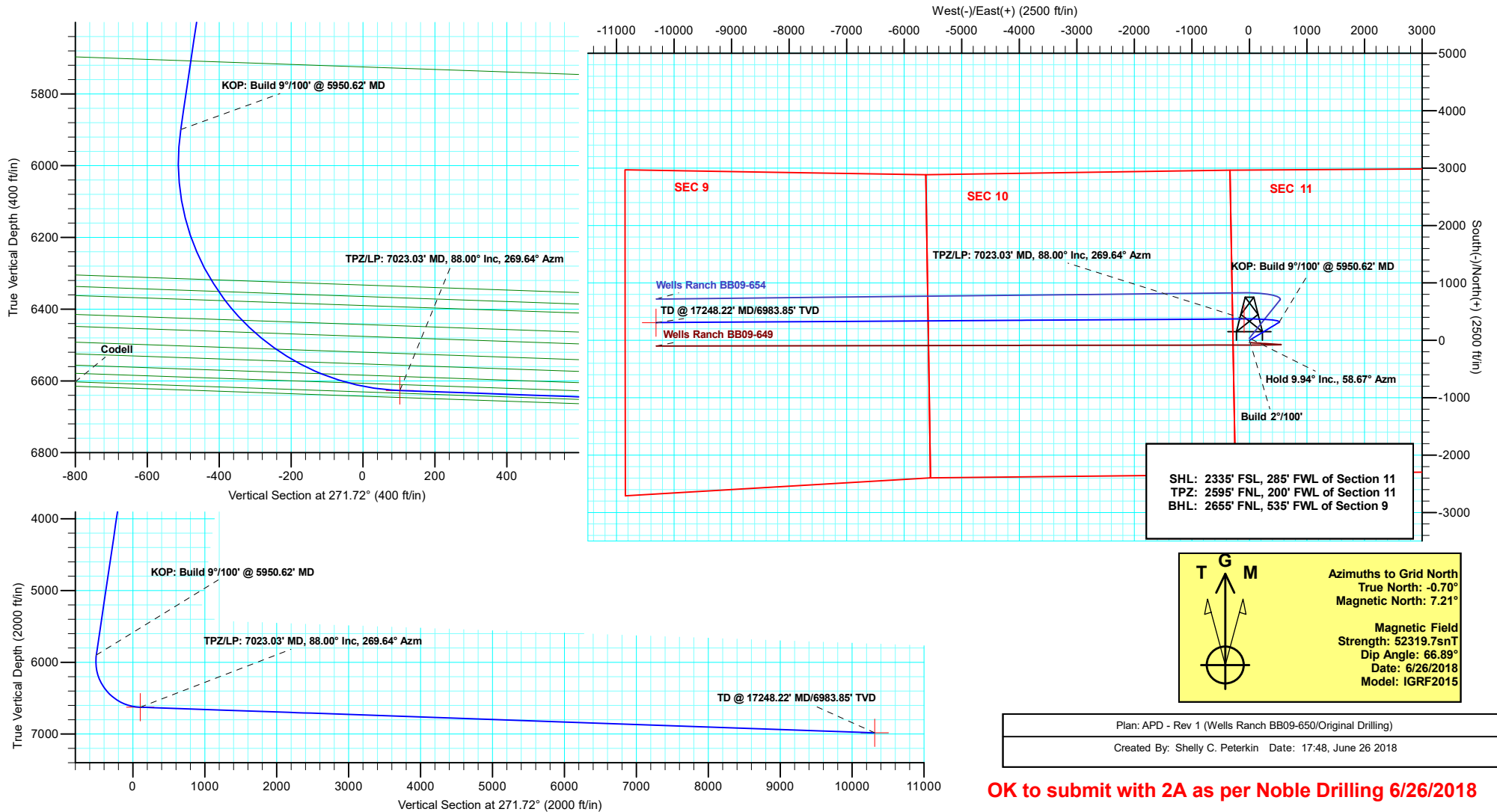
Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Colorado Northern Zone
 System Datum: Mean Sea Level

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
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	2696.84	9.94	58.67	2694.35	22.34	36.71	2.00	58.67	-36.02	
4	5950.62	9.94	58.67	5899.32	314.27	516.33	0.00	0.00	-506.66	
5	7023.03	88.00	269.64	6627.00	373.82	-91.53	9.00	-148.83	102.72	TPZ Wells Ranch BB09-650 Rev 1
6	17248.22	88.00	269.64	6983.85	309.82	-10310.29	0.00	0.00	10314.95	BHL Wells Ranch BB09-650 Rev 1

WELL DETAILS: Wells Ranch BB09-650

+N/-S	+E/-W	Northing	Ground Level: Easting	4670.00 Latitude	Longitude	Slot
0.00	0.00	1395163.62	3302825.55	40.4130284	-104.4124593	



Plan: APD - Rev 1 (Wells Ranch BB09-650/Original Drilling)

Created By: Shelly C. Peterkin Date: 17:48, June 26 2018

OK to submit with 2A as per Noble Drilling 6/26/2018