

Project: Wells Ranch  
Site: AF Section 08  
Well: Wells Ranch State AF09-640  
Wellbore: Original Drilling  
Design: APD - Rev 2

# Northern Region - DJ Basin

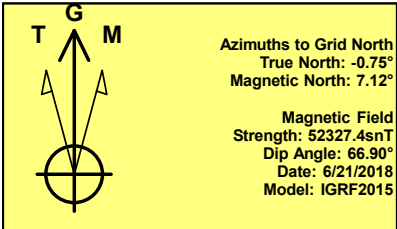
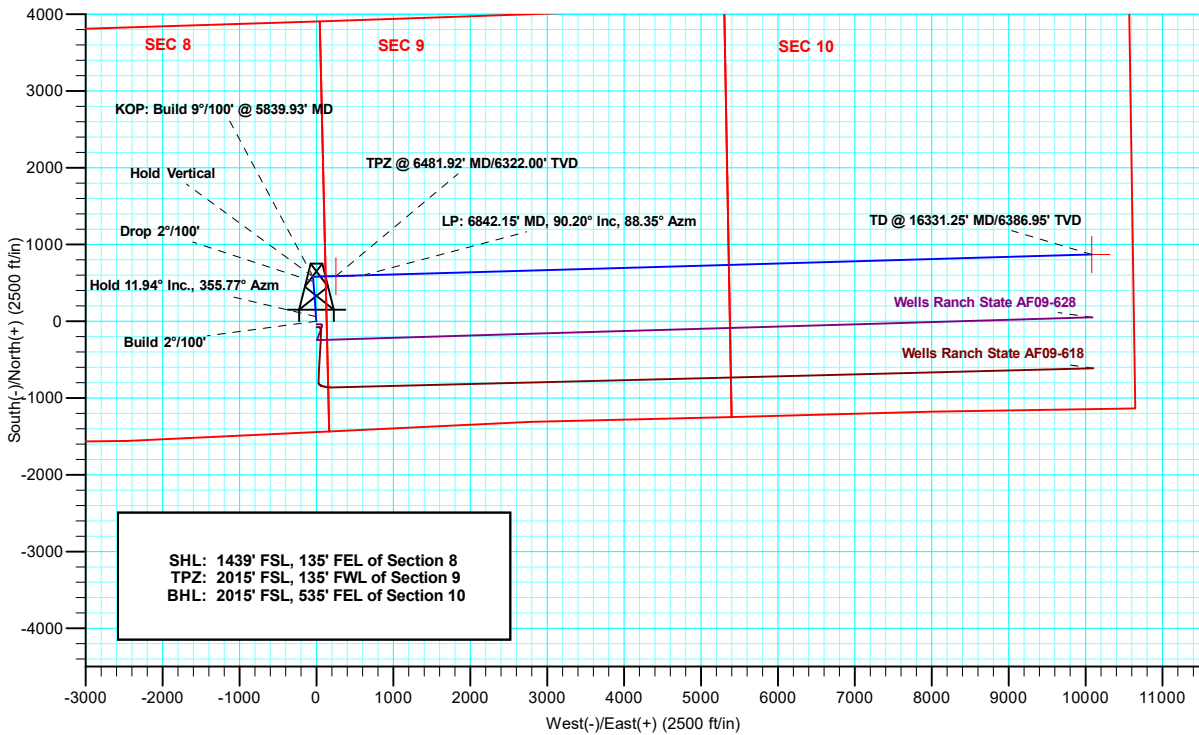
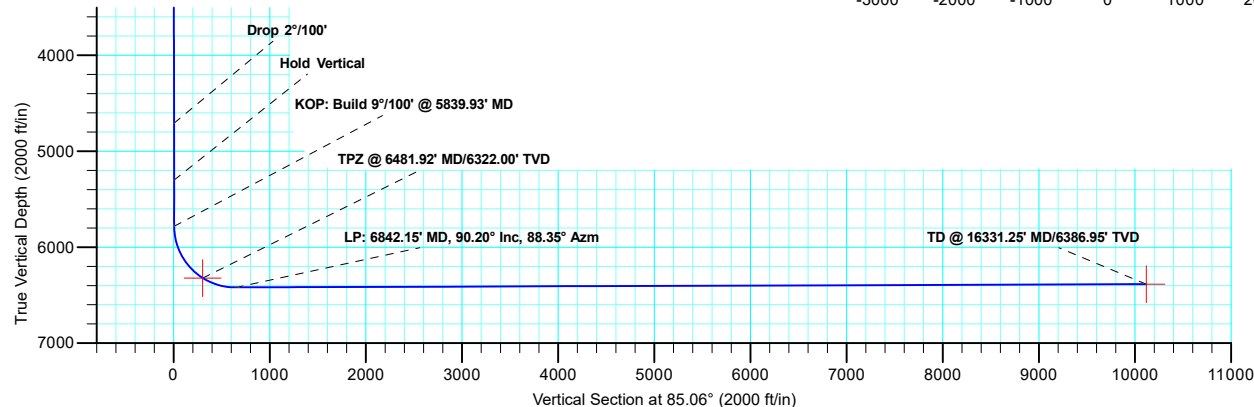
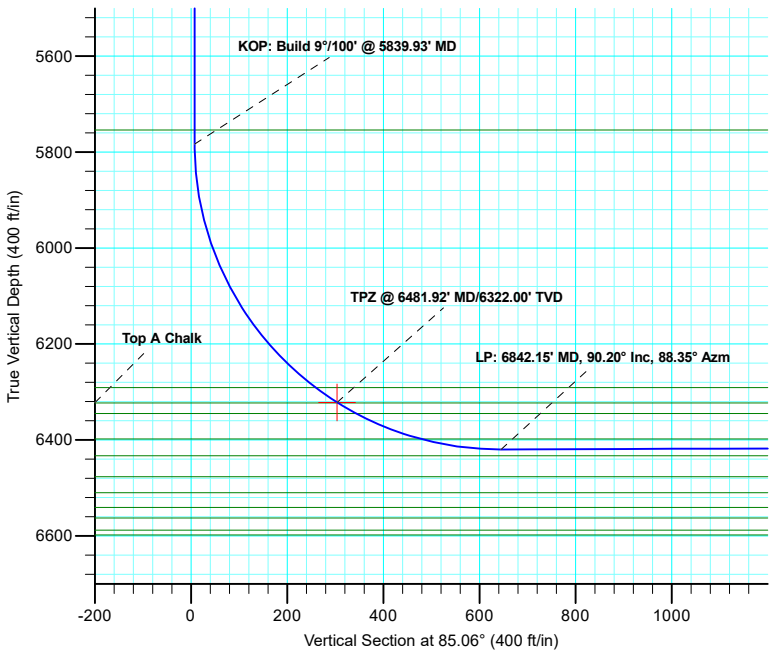
Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Colorado Northern Zone  
System Datum: Mean Sea Level

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	1950.00	0.00	0.00	1950.00	0.00	0.00	0.00	0.00	0.00	
3	2547.13	11.94	355.77	2542.81	61.84	-4.57	2.00	355.77	0.77	
4	4759.38	11.94	355.77	4707.19	518.38	-38.34	0.00	0.00	6.43	
5	5356.51	0.00	0.00	5300.00	580.21	-42.92	2.00	180.00	7.20	
6	5839.93	0.00	0.00	5783.42	580.21	-42.92	0.00	0.00	7.20	
7	6842.15	90.20	88.35	6420.04	598.57	595.66	9.00	88.35	644.99	
8	16331.25	90.20	88.35	6386.95	871.24	10080.78	0.00	0.00	10118.35	BHL Wells Ranch State AF09-640

## WELL DETAILS: Wells Ranch State AF09-640

+N/-S	+E/-W	Ground Level: Northing	Ground Level: Easting	Ground Level: Latitude	Ground Level: Longitude	Slot
0.00	0.00	1394616.77	3323523.63	40.4108068	-104.3381600	



Plan: APD - Rev 2 (Wells Ranch State AF09-640/Original Drilling)

Created By: Shelly C. Peterkin Date: 14:03, June 26 2018

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