

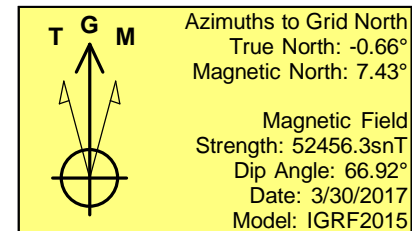
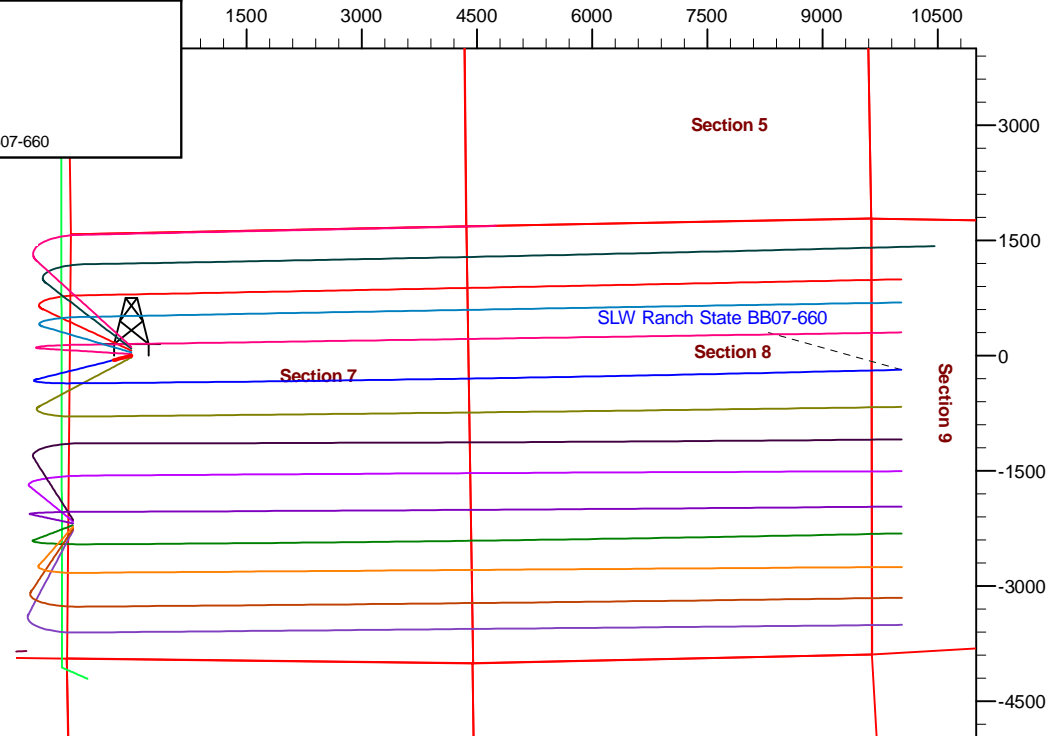
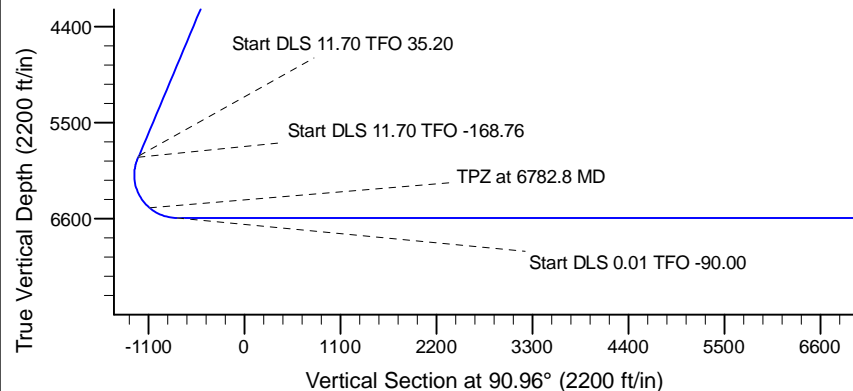
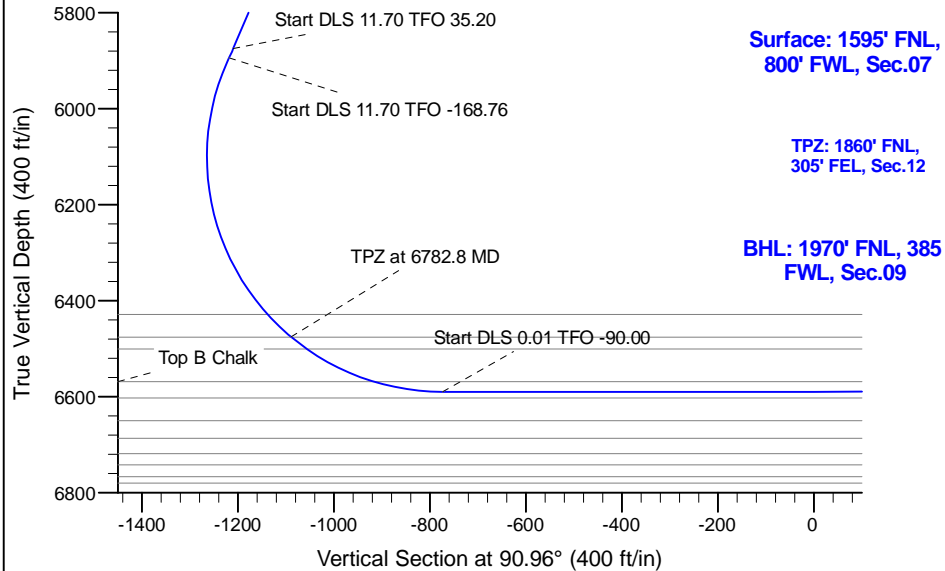
Project: Wells Ranch
 Site: BB Section 07
 Well: SLW Ranch State BB07-660
 Wellbore: Original Drilling
 Design: Plan 1

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	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2400.0	0.00	0.00	2400.0	0.0	0.0	0.00	0.00	0.0	
3	3575.0	23.50	256.00	3542.3	-57.5	-230.5	2.00	256.00	-229.5	
4	6118.6	23.50	256.00	5875.0	-302.9	-1214.7	0.00	0.00	-1209.4	
5	6140.3	25.61	259.38	5894.7	-304.8	-1223.5	11.70	35.20	-1218.2	
6	7124.4	90.00	89.54	6590.0	-360.0	-780.0	11.70	-168.76	-773.8	
7	17932.7	90.00	88.57	6590.0	-182.1	10026.7	0.01	-90.00	10028.4	SLW Ranch State BB07-660



WELL DETAILS: SLW Ranch State BB07-660

0.00.0	Northing	Easting	4631.0 Latitude	Longitude
	1396345.90	3282338.35	40.4169400	-104.4859800

Plan: Plan 1 (SLW Ranch State BB07-660/Original Drilling)

OK to Submit with 2A as per Noble Drilling

11-7-2017