

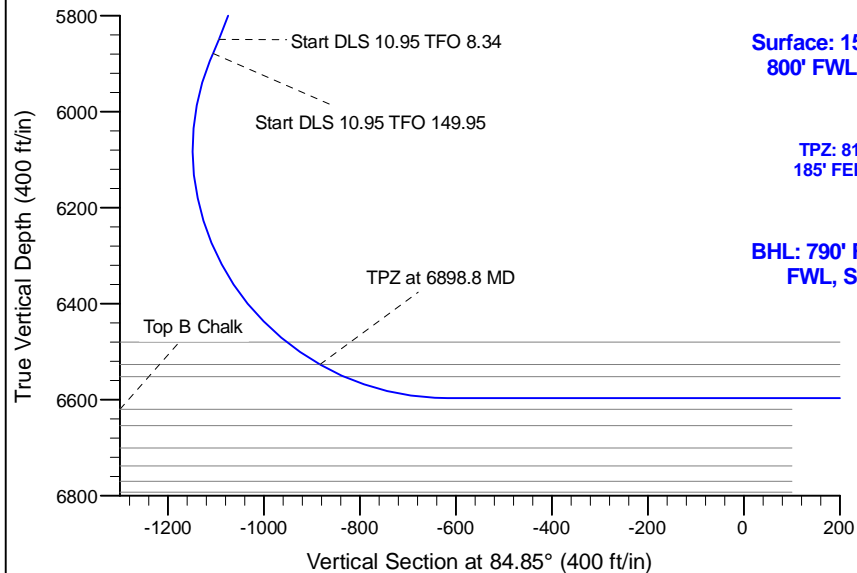
Project: Wells Ranch
 Site: BB Section 07
 Well: SLW Ranch State BB07-678
 Wellbore: Original Drilling
 Design: Plan 1

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

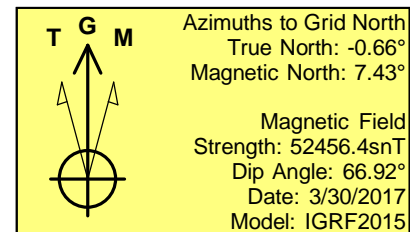
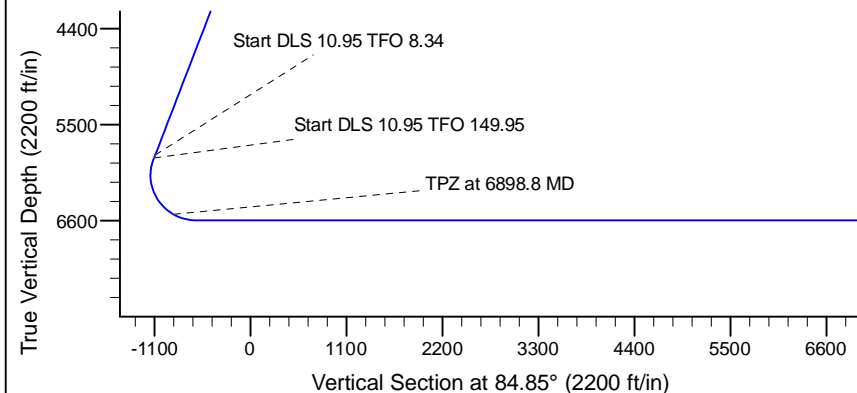
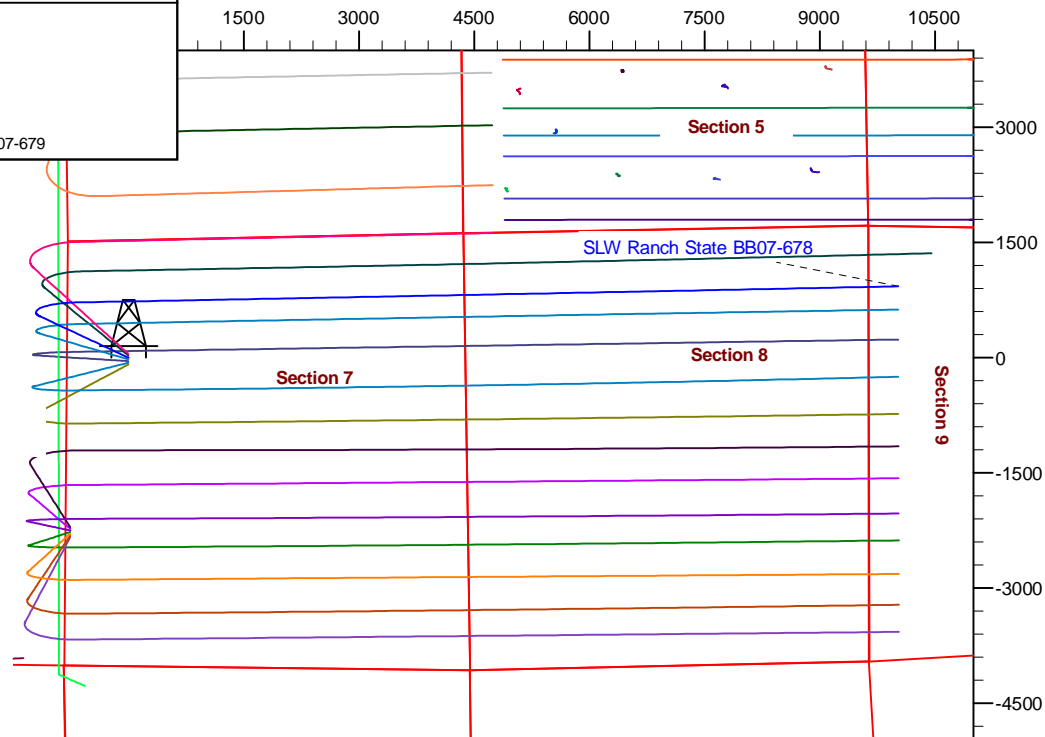
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2400.0	0.00	0.00	2400.0	0.0	0.0	0.00	0.00	0.0	
3	3600.0	24.00	295.00	3565.2	104.7	-224.5	2.00	295.00	-214.2	
4	6101.0	24.00	295.00	5850.0	534.6	-1146.4	0.00	0.00	-1093.8	
5	6133.0	27.47	296.10	5878.8	540.6	-1159.0	10.95	8.34	-1105.8	
6	7176.4	90.00	88.93	6597.0	720.0	-685.0	10.95	149.95	-617.6	
7	17888.2	90.00	88.83	6597.0	929.1	10024.7	0.00	-90.00	10067.6	SLW Ranch State BB07-679



Surface: 1528' FNL,
800' FWL, Sec.07

TPZ: 810' FNL,
185' FEL, Sec.12

BHL: 790' FNL, 385
FWL, Sec.09



Azimuths to Grid North
 True North: -0.66°
 Magnetic North: 7.43°
 Magnetic Field
 Strength: 52456.4snT
 Dip Angle: 66.92°
 Date: 3/30/2017
 Model: IGRF2015

WELL DETAILS: SLW Ranch State BB07-678

0.00.0	Northing	Easting	Latitude	Longitude
	1396411.51	3282340.38	40.4171200	-104.4859700

Plan: Plan 1 (SLW Ranch State BB07-678/Original Drilling)

OK to Submit with 2A as per Noble Drilling

10-27-2017