

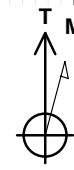
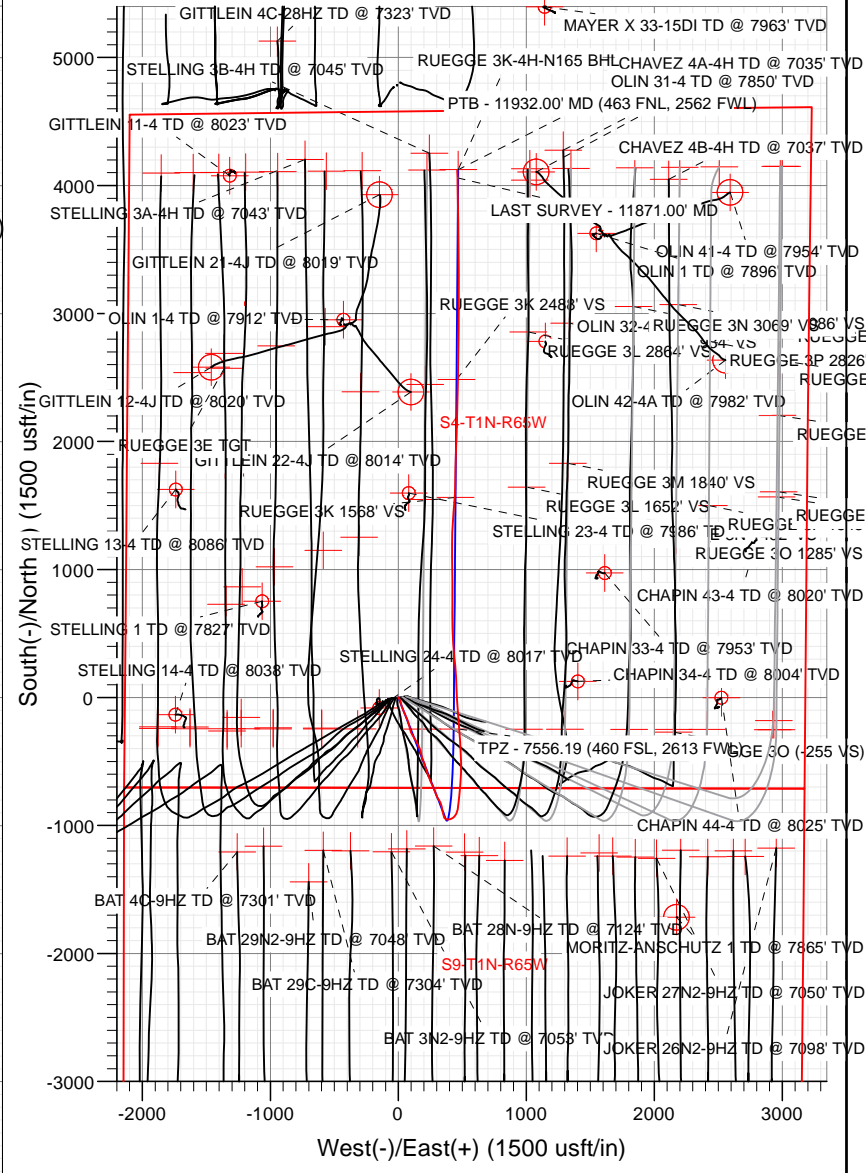
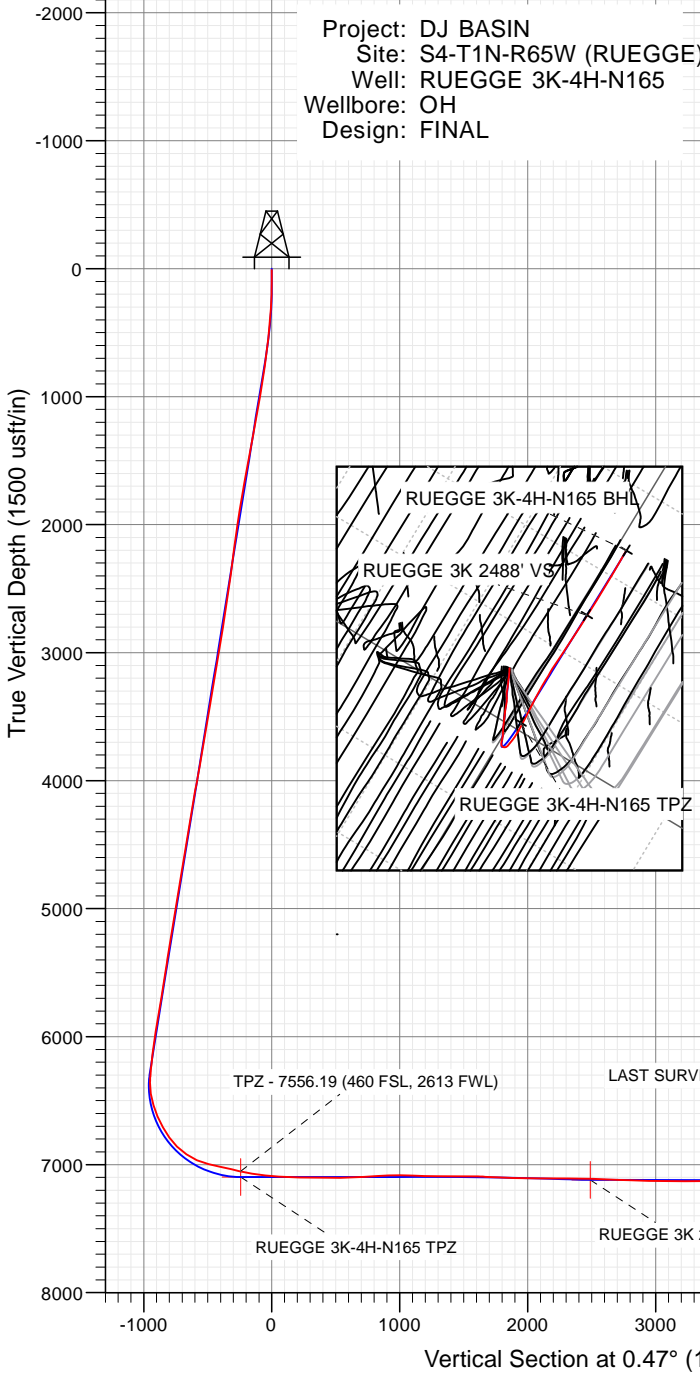
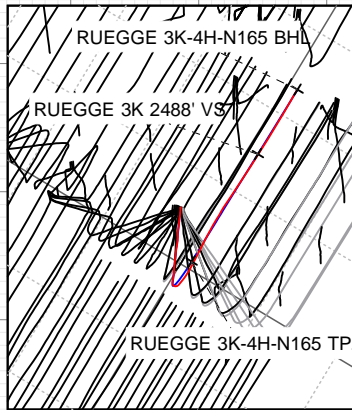


SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	150.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	
3	644.72	9.89	158.68	642.27	-39.69	15.49	2.00	158.68	-39.57	
4	6354.65	9.89	158.68	6267.27	-953.70	372.25	0.00	0.00	-950.61	
5	7594.41	90.00	0.47	7096.00	-247.14	431.76	8.00	-157.91	-243.59	RUEGGE 3K-4H-N165 TPZ
6	9406.01	90.00	0.47	7096.00	1564.39	446.73	0.00	0.00	1568.00	RUEGGE 3K 1568' VS
7	9479.75	88.53	0.47	7096.95	1638.12	447.34	2.00	-180.00	1641.74	
8	10261.28	88.53	0.47	7117.06	2419.36	453.79	0.00	0.00	2423.01	
9	10326.29	89.83	0.47	7118.00	2484.36	454.33	2.00	0.00	2488.00	RUEGGE 3K 2488' VS
10	11965.98	89.83	0.47	7123.00	4123.99	467.87	0.00	0.00	4127.69	RUEGGE 3K-4H-N165 BHL

FINAL
 RUEGGE 3K-4H-N165
 368337 185099 362227 185190
 23 KB @ 4938.00usft
 Ground Level @ 4915.00
 North American Datum 1983
 Well RUEGGE 3K-4H-N165 - Slot RUEGGE 3K-4H-N165 SHL True North

Type	Target	Azimuth	Origin	N/S	E/W	From
User	No Target (Freehand)	0.47	Slot	0.00	0.00	TVD
Name		TVD	+N/-S	+E/-W	Latitude	Longitude
RUEGGE 3K 1568' VS		7096.00	1564.39	446.73	40.079552	-104.669177
RUEGGE 3K-4H-N165 TPZ		7096.00	-247.14	431.76	40.074579	-104.669251
RUEGGE 3K 2488' VS		7118.00	2484.36	454.33	40.082077	-104.669150
RUEGGE 3K-4H-N165 BHL		7123.00	4123.99	467.87	40.086578	-104.669102

Project: DJ BASIN
 Site: S4-T1N-R65W (RUEGGE)
 Well: RUEGGE 3K-4H-N165
 Wellbore: OH
 Design: FINAL



Azimuths to True North
 Magnetic North: 8.17°
 Magnetic Field
 Strength: 52108.5nT
 Dip Angle: 66.47°
 Date: 6/30/2018
 Model: HDGM_FILE



WELL DETAILS: RUEGGE 3K-4H-N165

4915.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1271346.18	3232050.98	40.075257	-104.670774	