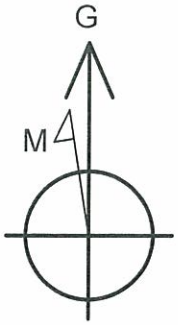
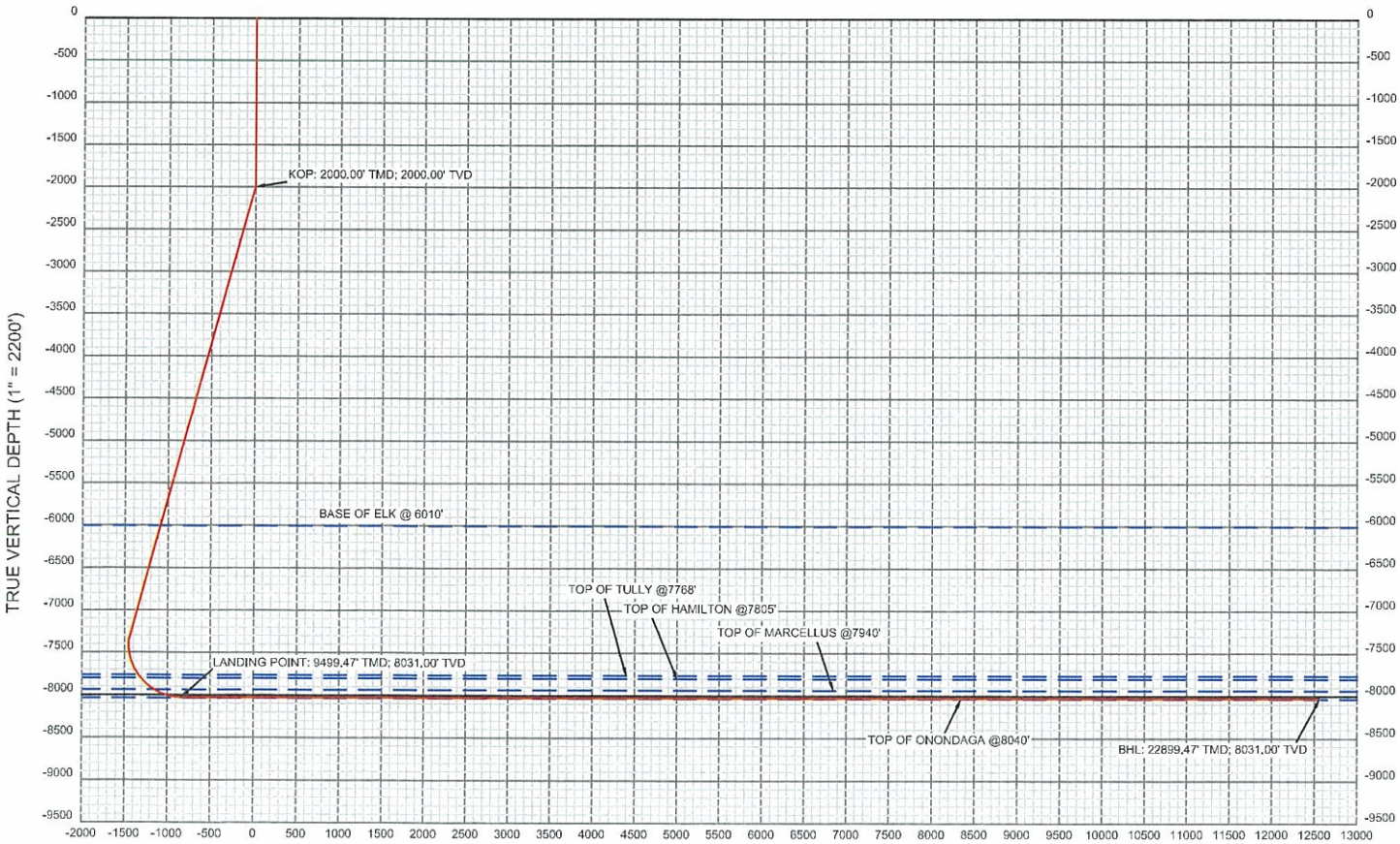
WELL LOCATION PLAT

Page 4 Cross Section

Applicant / Well Operator Name	DEP ID#	Well (Farm) Name	Well #
RICE DRILLING B LLC	268470	THUNDER 1	20

					LATITUDE (NAD83)	LONGITUDE (NAD83)
KOP:	TVD:	2,000.00'	TMD:	2,000.00'	39°49'36.91"	80°16'45.25"
LANDING POINT:	TVD:	8,031.00'	TMD:	9,499.47'	39°50'03.65"	80°16'19.03"
BOTTOM HOLE:	TVD:	8,031.00'	TMD:	22,899.47'	39°48'20.07"	80°14'32.03"



Azimuths to Grid North
Magnetic North: −8.98°

Magnetic Field
Strength: 52158.6nT
Dip Angle: 66.94°
Date: 05/04/2017
Model: IGRF12