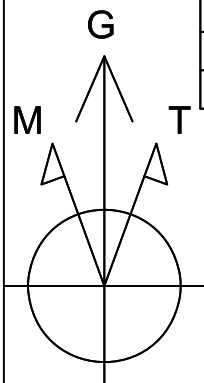


WELL LOCATION PLAT

Page 4 Cross Section

Applicant / Well Operator Name RICE DRILLING B LLC	DEP ID# 268470	Well (Farm) Name COSGRAY	Well # 9
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Azimuths to True North
Magnetic North: -9.10°

Magnetic Field
Strength: 52,059.7nT
Dip Angle: 66.89°
Date: 06/13/2018
Model: IGRF12

			LATITUDE	LONGITUDE
KOP:	TMD: 4453.00	TVD: 4453.00	$39^\circ 54' 14.51''$	$80^\circ 10' 12.23''$
LANDING POINT:	TMD: 9072.00	TVD: 7847.00	$39^\circ 54' 19.48''$	$80^\circ 09' 45.22''$
BOTTOM HOLE:	TMD: 22946.85	TVD: 7847.00	$39^\circ 56' 04.70''$	$80^\circ 11' 39.42''$

