GEOLOGIC REPORT

DRILLING TIME AND SAMPLE LOG

TIM PRIEST
PetroNerm Geologist
307-315-0317
tim@petronerm.com

OPERATOR:	Chesapeake Operating, Inc.
LEASE:	Gibbons Trust LLB
COUNTY:	Tioga
STATE:	PA
API #:	37-117-21-0000
SPUD:	2/26/2014
COMP:	3/8/2014
ELEV:	1,600' KB
TOTAL DEPTH:	6900'
CONTRACTOR:	Patterson-UTI Drilling Co.
RIG #:	329
MUD:	Fresh Water
BIT:	8 3/4"
CASING:	9 5/8" @ 1,000'
	5 1/2" @ 6,900'
	Cement: 400 sks Class A
	Cement: 1,000 sks 50/50 Poz
	Cement: 1,000