TIM PRIEST
PetroNam Geologist
0813-0317

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

OPERATOR:	Chesapeake Energy Corporation
LEASE:	Chesapeake 36-1
COUNTY:	Lincoln
STATE:	Oklahoma
LOCATION:	1317' FNL 1367' FEL
SEC:	36
TWP:	15N
RGE:	3E
ELEV:	GL: 1,000' KB: 1,014'
API #:	35-081-20-0-0-00-00
SPUD:	4/8/2013
TD:	4/16/2013
CASING:	8 5/8" @ 1,000'
HOLE SIZE:	7 7/8"
DRILLING CONTRACTOR:	Sterling Drilling Co. Rig 4
DRILLING TIME MEASURED:	Every 1 Minute
DRILLING TIME SCALE:	1" = 20'
DRILLING TIME MEASURED:	Drilling Time and Gas
GEOLOGICAL SUPERVISION:	Tim Priest
DRILLING MUD TYPE:	Air
DRILLING MUD WT.:	N/A
DRILLING MUD VIS.:	N/A
FORMATION TOPS:	ELECTRICAL LOG
Anhydrite	2550' (-465)
Base Anhydrite	2580' (-495)
Heebner	3940' (-2,874)
Lansing	4006' (-2,936)
Muncie Creek	4123' (-3,053)
Stark	4239' (-3,169)
BKC	4325' (-3,255)
Pawnee	4447' (-3,377)
Fort Scott	4498' (-3,428)
Cherokee Shale	4523' (-3,453)
Johnson Zone	4598' (-3,528)
Mississippian	4606' (-3,625)
Total Depth	4100' (-3,086)

REMARKS: Due to the results of DST #5 it was decided to set production casing to further test the well.

Respectfully Submitted,

Tim Priest
Petroleum Geologist

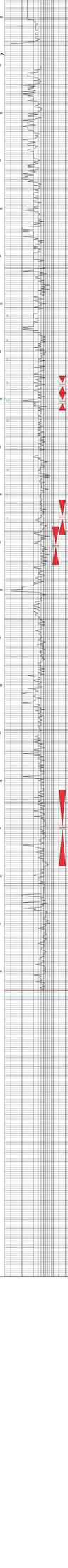
API #15-081-20-0-0-00-00

LEGEND

Drilling Time | Gas | Sample Shows | Lithology | Cuttings | Oil Shows | Drill Stem Tests

DRILLING TIME IN MINUTES PER FOOT
Hard Penetration

DEPTH (MINUTES)

SAMPLE DESCRIPTION

REMARKS