GEOLOGIC REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY	Tim Priest Petroleum Geologist
WELL NAME	Gardner 2-24
LOCATION	2007 FNL 1187 FEL
COUNTY	Stanton County, Kansas
API #	15-187-21196-00-00
SPUD	2/21/2011
COMPLETED	2/28/2011
TOTAL DEPTH	4500'
ELEVATION	3320' KB 3312' GL
CASING	8 5/8" @ 1775' w/ 475 sks
CONTRACTOR	Sterling Drilling Co. Rig # 2
MUD	Chemical
DRILLING TIME START TO END	2/26/11 @ 2400 to 2/28/11 @ 0900
DRILLING TIME INTERVAL	2800' to 4500'
SAMPLE INTERVAL	3800' to 4500'
GEOLOGICAL SUPERVISION	3800' to 4500'
FORMATION TOPS	Ft. Riley, Council Grove, Admire, Wabaunsee, Topeka, Heebner, Toronto, Lansing, Kansas City, Marmaton, Pawnee, Fort Scott, Cherokee Shale, Johnson Zone, Mississippian
ELECTRIC LOG	Ray Newkirk
SAMPLES	Dry & Washed/Bagged

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REMARKS: Due to the negative drill stem tests, it was decided to plug and abandon the well.

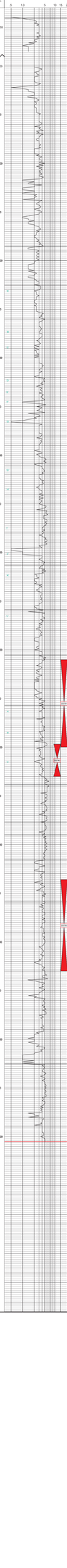
Respectfully Submitted,

Tim Priest
Petroleum Geologist

API #15-187-21196-00-00

LEGEND

Drilling Time | Gamma Ray | Resistivity | Porosity | Lithology | Sample Shows | Oil Shows | Gas Shows | Chert | Core Chips

DRILLING TIME IN MINUTES
Mud Pressure PSIG

DEPTH | SAMPLE DESCRIPTION | REMARKS