

DRILLING REPORT NEW GULF ENERGY

6310 E. 102nd Street
Tulsa, Oklahoma 74137
Office (918) 728-3020

1-9 COLE
1676 'FNL 506'FEL
Section 9-T18S-R34W
Scott County, Kansas
API # 15-171-20901

Drilling Contractor: VAL DRILLING RIG 4 620-617-2793
Elevation: GL 3131 **KB 3140**
Wellsite Geologist: John Goldsmith 316-640-0236
New Gulf Geologist: Joe Baker 316-253-9696

Val Rig 4 Toolpusher: Larry Hinderliter 620-804-0097
New Gulf Rep : Danny Birdwell 432-940-6680/ Jim Hinkle 620-617-2868

	E-LOG TOPS	DATUM
ANHYDRITE	2426	714
BASE ANHYDRITE	2445	695
STOTLER	3634	-494
TOPEKA	3778	-638
HEEBNER	4027	-887
TORONTO	4042	-902
LANSING	4076	-936
MUNCIE CREEK	4270	-1130
STARK	4372	-1232
MARMATON	4532	-1392
PAWNEE	4614	-1474
FT SCOTT	4656	-1516
CHEROKEE SHALE	4681	-1541
JOHNSON	4726	-1586
MORROW SHALE	4820	-1680
MISSISSIPPIAN	4891	-1751
RTD	5070	-1930
LTD	5073	-1933

9/24/2012 Spud/ Ran 6 jts. 23# 8 5/8 Tally 254' set @ 266' w/ 200 sxs common 2% gel, 3% cc
 9/25/2012 330' Drilling Ahead
 9/26/2012 2106' Drilling Ahead
 9/27/2012 3070' Drilling Ahead
 9/28/2012 3615' Drilling Ahead
 9/29/2012 4047' Lansing A zone CFS No Shows
 9/30/2012 4204' Dst # 1 Lansing D/E/F
 10/1/12 4605' Dst # 2 Pawnee/Ft Scott
 10/2/12 4720'
 10/3/12 5046/5070-RTD/LOG
 10/4/12 PLUG

Dst #1 4140-4204 Lansing D/E/F

30-30-30-30

1st Open: BOB in 8 Minutes, No blow back

2nd Open: BOB in 9 1/2 Minutes, No Blow Back

Recovery: 630' Mud Cut Water (48% wtr,52% Mud)

113' Watery Mud (94% Wtr,6% Mud)

Total Fluid: 743'

IFP/FFP: 17-197/204-338#

ISP/FSP:1057/1038#

IHP/FHP 1968/1966 BHT: 120

Dst #2 4596-4676 Ft Scott/Pawnee

30-30-30-30

1st Open: Weak 1/4" Died in 28 Min.

2nd Open: No Blow Back

Recovery: 5' Mud

Total Fluid: 5'

IFP/FFP: 9-10/9-11#

ISP/FSP:29/24#

IHP/FHP 2229/2228 BHT: 116