

DRILLING REPORT

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

1-28 KRUG

1206'FSL 2121'FWL
Section 28-T17S-R34W
Scott County, Kansas
API # 15-171-20875

Drilling Contractor: VAL DRILLING RIG 7 (316-218-4977)

Elevation: GL 3134 **KB 3144**

Geologist: Curtis Covey 316-258-9976 / Joe Baker 316-253-9696

New Gulf Rep : Jim Hinkle 620-617-2868/Danny Birdwell 432-940-6680

Log tops

ANHYDRITE	
BASE ANHYDRITE	
STOTLER	
TOPEKA	
HEEBNER	4003
LANSING	4048
MUNCIE CREEK	4242
STARK	4347
BKC	4468
MARMATON	4503
PAWNEE	4584
CHEROKEE SHALE	4620
L CHEROKEE SHALE	4650
JOHNSON	4684
MISS (Erosional)	4855
Miss Sd	4868
Miss Lm (Solid)	4886
RTD	5110
LTD	5110

4/27/2012 Spud Set 85/8" @ 256' w/200 sxs
4/28/12 259' WOC
4/29/12 2005'
4/30/12 2999' Down Mud pump repairs
5/1/12 3199' Geologist on location
5/2/12 3685'
5/3/12 4040' Down for repairs
5/4/12 4040' Down
5/5/12 4260' DST # 1 Lansing I-J
5/6/12 4332' DST # 2 Lansing K
5/7/12 4460' DST # 3 Marmaton
5/8/12 4640'
5/9/12 4930'
5/10/12 5110' RTD/ LOG (Log- Tech)

DST 1 Lansing I

4279-4332

30-45-60-90

1st Open: BOB in 12 Min. No Blow Back on Shut-in

2nd Open: BOB in 15 Min No Blow Back on Shut In

Recovery: 5' Mud, 60' SWCM (15% Wtr, 85% Mud), 185' HWCM (47% Wtr , 53% Mud)

365' MCW (77%Wtr, 23% Mud), 260' SMCW (93% Wtr, 7% Mud)

TOTAL FLUID: 755'

IFP/FFP: 11-159/163-403 #

ISP/FSP: 1186/1185 #

IHP/FHP: 2004/2004 # BHP: 121 deg F

DST # 2 Lansing J& K

4438-4464

30-45-60-90

1st Open: BOB in 12 Min. No Blow Back on Shut-in

2nd Open: BOB in 15 Min No Blow Back on Shut In

Recovery: 80' HOWCM (42% Mud, 58% Wtr) , 110' SMCW (11% Mud, 89% Wtr) 10' Mud

TOTAL FLUID: 200'

IFP/FFP: 6-40/43-99 #

ISP/FSP: 1136/1130 #

IHP/FHP: 2031/2030 # BHP: 119 deg F

DST # 3 Marmaton

4506-4522

30-45-60-90

1st Open: Built to BOB in 12 Min / 2" Blow Back on Shut-In

2nd Open: Built to BOB in 22 Min/ 8" Blow Back on Shut In

Recovery:

590' Gas in Pipe

280' Slight Gas Cut Oil (1% Gas, 99% Oil)

60' Gas & Mud Cut OIL (14% Gas, 32% Mud, 54% Oil)

TOTAL FLUID: 340'

FP/FFP: 9-57/63-135 #

ISP/FSP: 1135/1050 #

IHP/FHP: 2098/2097 # BHP: 123 deg F