

DRILLING REPORT

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

1 SHEETZ
 1382'FSL 1773'FWL
 Section 16-T12S-R32W
 Logan County, Kansas
 API # 15-109-20974

Drilling Contractor: VAL DRILLING RIG 4 (620-617-2793)
 Elevation: GL 2995 **KB 3003**
 Geologist: Curtis Covey 316-258-9976 / Joe Baker 316-253-9696
 Comparison Well: **KB NORTON # 1 Younkin**
 W2 SW/4
 15-12S-32W

New Gulf Rep : Danny Birdwell 432-940-6680/ Engineer JoJo Birdwell 432-634-0773

	SAMPLE TOPS	DATUM	SHOWS
ANHYDRITE	2517	+486	+18
BASE ANHYDRITE	2540	+463	+16
TOPEKA	3751	-748	+17
HEEBNER	3963	-960	+18
TORONTO	3996	-993	+16
LANSING	4003	-1000	+15
"E" Zone			Ls Finexln, Fluorescence, gas bubbles, lt-med staining Weak Cut, No odor No Free oil DST # 1
"F" Zone			Ls Finexln, Fossil, Friable, Lt Odor?, Brown Staining, Oil Blebs on wash water DST # 1
MUNCIE CREEK	4153	-1150	+11
"J" Zone			l piece vuggy porosity, no odor, spotted fluorescence, no free oil, few gas bubbles, spotted cut DST #2
STARK	4234	-1231	+14
"K" Zone			Ls Fnxln- sucrosic porosity, dull fluorescence, gas bubbles, Fair Odor, wk pos cut DST # 2
BKC	4301	-1298	+13
MARMATON	4338	-1335	+12
ALTAMONT	4366	-1363	+12
PAWNEE	4442	-1439	+11
FT SCOTT	4492	-1489	+12
CHEROKEE	4519	-1516	+11
JOHNSON	4552	-1549	+12
MISSISSIPPIAN	4619	-1616	+7
RTD	4780	-1777	Ls w/ Good Vuggy, fossil cast porosity, Good Odor, Show Free Oil, Fluorescence Dark Brown Stain ,Gas Bubbles OVERALL GOOD SHOWS

2/4/2011 287'
 2/6/2011 1935'

2/7/2011 2760'
2/8/2011 3430'
2/9/2011 4030'
2/10/2011 4115' Dst #1 Lansing E & F zones

DST # 1 Lansing E&F Zones
4087-4115
30-45-60-90
IFP: Built to Bottom Of Bucket (OBB) in 11 min. No Blow Back
FFP: Built to Bottom Of Bucket (OBB) in 18 min. No Blow Back
**Recovery: 715' Gassy Muddy Water w/ a light scum of Oil
(2% Gas, 80%Wtr, 18% Mud)
Chlorides 40,000 PPM System Chlorides 2,200**
IFP/FFP: 12-135/141-335#
ISP/FSP: 1175/1166# BHT:129
IHP/FHP: 1939/1928 #

2/11/2011 4256'

DST # 2 Lansing H,I J, K Zones
4143-4256'
30-45-60-90
IFP: Built to Bottom Of Bucket (BOB) in 7 min. 11/4" Blow Back
FFP: Built to Bottom Of Bucket (BOB) in 8 min. 11/2" Blow Back
Recovery:
140' Gas In Pipe
171' CLEAN OIL
378' Gassy Oily Muddy Water (10% Gas, 11% Oil,19% wtr,60% Mud)
315' Muddy Water (17% Mud, 83% wtr)
IFP/FFP: 15-155/165-379#
ISP/FSP: 1276/1260#
IHP/FHP: 1967/1958 # BHT:117

2/12/2011 4390' Drilling ahead in the Altamont

2/13/11 4583 Dst # 3 Johnson Zone

DST # 3 Johnson
4510-4583'
30-45-60-90
IFP: BOB in 4 Min.
ISP: BOB in 14 Min (Blow Back)
FFP:BOB 31/2 Min
FSP: BOB in 13 Min. (Blow Back)
Recovery:
935' Gas In Pipe
325' Muddy Oil (96% oil, 3% Mud, 1% Water)
882' Muddy Oil (81% Oil, 19% Mud)
126' Gassy Muddy Oil (3% Gas,92% Oil, 5% Mud)
Total Fluid: 1333 Ft
IFP/FFP: 20-229/240-527#
ISP/FSP: 1139/1135#
IHP/FHP: 2233/2182 # BHT:129 Grav:28.2 @ 60 Deg.

2/14/2011 RTD 4780 Logging