

DRILLING REPORT

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

1 DALE
 1400'FSL 1175'FWL
 Section 33-T17S-R34W
 Scott County, Kansas

Drilling Contractor: VAL DRILLING RIG 4 (620-617-2793)
 Larry Hinderliter 620-804-0097 Toolpusher

Geologist: Curtis Covey 316-258-9976 / JoeBaker 316-253-9696
 Comparison Well: New Gulf Energy

Elevation: **GL 3137 KB 3147**

API # 15-171-20810

1 Dale
 33-17S-34W

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

	SAMPLE TOPS	DATUM		SHOWS
ANHYDRITE	2432	+715	+20	
BASE ANHYDRITE	2451	+696	+14	
STOTLER	3643	-476	+16	
TOPEKA	3772	-625	+13	
HEEBNER	4012	-865	+13	
TORONTO	4029	-882	+13	
LANSING	4054	-907	+19	
MUNCIE CREEK	4251	-1104	+14	
Lansing H	4262			DST # 1:Ls Gd Porosity, Odor ,Med Fluor.Dk Br Oil, No Gas, Pos Cut/Acid
STARK	4354	-1207	+13	DST # 2 :Ls Gd Vuggy Porosity, Gd Odor, No Free Oil or Gas Med Brn Stain Pos Cut/Pos Acid
BKC	4477	-1330	+10	
MARMATON	4510	-1363		DST # 3 (4510-20):Ls Gd Vuggy Frag. Por.,Ft Odor, Med Fluor.Trc Dk free Oil, (4560-70) Dk Staining,
PAWNEE	4588	-1441	+15	DST # 4 Ls Fr-Gd Porosity, Trace Shows Gas Bubbs & Free Oil, Spotted Lt Brn Stain, Fair Odor, Med Fluor. Pos Cut/Resid and Pos Acid Resid.
CHEROKEE SHALE	4633	-1486	+8	
JOHNSON	4710	-1563	+19	

6/15/11 Spud drill to 269'
 6/16/11 WOC US @ 11:15 am
 6/17/11 2270'
 6/18/11 3200' Displace Mud 3449'
 6/19/11 3815'
 6/20/11 3905' Down for repairs
 6/21/11 4213' Drilling Ahead
 6/22/11 4275' Dst # 1 Lansing H
 6/23/11 4367' Dst # 2 Lansing K

6/24/11 4573' Dst# 3 Marmaton
6/25/11 4599' Dst # 4 Pawnee
6/26/11 4793' Dst # 5 Johnson
6/27/11 4855' Miss

DST # 1 LANSING "H"

4262-4275
30-45-60-90
1st Open: 7" Blow
1st Shut in: No Blow
2nd Open:10' Blow
2nd Shut In: No Blow

Recovery: 1' Free Oil
30' Water Cut Mud 20% Water, 80% Mud
63' Mud Cut Water /Trace of Oil 40% Mud 60% Water
124' Mud Cut Water/Trace of Oil 15% Mud 85% Water

TOTAL FLUID: 217'

IFP/FFP:18-58/60-123
ISP/FSP:1165/1170 #
BHP:121 Rec Chl:34,000 System: 2,400 Chl Rw .26@ 56 deg

DST # 2 LANSING "K"

4352-4367
30-45-60-90
1st Open: BOB in 20"
1st Shut in: No Blow
2nd Open:BOB in 25"
2nd Shut In: No Blow

Recovery:
186' Muddy Water/trace Oil 50% Mud, 50% Wtr
186 Mud Cut Water 20% Mud,80% Wtr
124' Mud Cut Water 5% M, 95% Water

TOTAL FLUID: 496'

IFP/FFP:23-94/101-239#
ISP/FSP:1181-1164#
Rec Chl:30,000 Sys Chl: 3,500 RW .27@ 60 deg 124 deg F

DST # 3 Marmaton Zones

4474-4573
30-45-60-90
1st Open: BOB in 7"
1st Shut in: No Blow
2nd Open:BOB in 12"
2nd Shut In: No Blow

Recovery:
124' GIP
226' Mud Water Cut Oil (20% Mud,30% Wtr, **50% OIL**)
434' Gassy Wtr Cut OIL (20% Gas,20% Wtr.30% Mud.**30% OIL**)
186' Oily Mud Cut Gassy Water (30% Gas, 20% M,30% **20% OIL**)
124' Mud,Gas & Oil Cut Wtr. (10% Mud, 20% Gas 50% Wtr, **20 % OIL**)

RW .24 ohms @ 82 deg

TOTAL FUID: 970'

IFP/FFP:58-213/223-455#
ISP/FSP:1124-1102# Rec Chl:30,000 Sys Chl: 3,500 123 deg F

DST # 4 PAWNEE

4568-4599

30-45-30-45

1st Open: Surface Blow Died in 5 Minutes

1st Shut in: No Blow

2nd Open: No Blow

2nd Shut In: No Blow

Recovery:

2' Mud (Oil Spots)

TOTAL FLUID: 2'

IFP/FFP:20-20/19-19#

ISP/FSP: 554/408#

Rec Chl: NA Sys Chl: 4,700 ppm 117 deg F

DST # 5 JOHNSON

4717-4793

30-45-60-60

1st Open: Surface Building To 5"

1st Shut in: No Blow

2nd Open: Surface Building To 5"

2nd Shut In: No Blow

Recovery:

36' Oil Cut Mud (20% Oil, 80% Mud)

62' Oil Cut Mud (5% Oil, 95% Mud)

TOTAL FLUID 98'

IFP/FFP:29-44/53-66#

ISP/FSP:225/202#

Rec Chl: NA Sys Chl: 4,700 ppm 121 deg F