

# DRILLING REPORT

## NEW GULF ENERGY

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

### #1 Z-MAN

2310' FEL 2310' FSL  
Section 18-T23S-8W  
Reno Co, Kansas  
API # 15-155-21573

Drilling Contractor: VAL DRILLING RIG 2 (620-617-2793)

Elevation: GL1680 **KB 1690**

Geologist: Joe Baker 316-253-9696

New Gulf Rep : Robert Rodriguez 979-676-3367

### E-LOG TOPS

HEEBNER	3026(-1336)	
BROWN LM	3208 (-1518)	
STARK	3501 (-1811)	
SWOPE POROSITY	3510 (-1820)	Good Drilling Break, Gd Porosity No Shows
HUSHPUCKNEY	3543 (-1853)	
LOWER HERTHA POROSITY	3581 (-1891)	Ls tan very finexln, subfossil, poor porosity, trace show free oil ,few gas bubbs, faint fleeting odor, no fluorescence, <b>4-5 unit gas kick on hotwire</b> did not merit DST
BKC	3604 (-1914)	
MARMATON	3612 (-1922)	
CHEROKEE	3688 (-1998)	
CONGLOMERATE	3723 (-2026)	Chert Varicolored Yell Red Orange/White mostly Fresh Slight weathering @edges in few pieces w/ dk spotty stain, show free oil, gas bubbs, Fleeting Odor? No Fluorescence. Sst red/fine grain argill./friable, abundant varicolored shales mostly red <b>30 unit gas kick Hot Wire</b> (Weathered Porosity Shows are out of the top of the Miss)
MISS CHERT	3706 (-2016)	Chert (Osage)white, some varicolored reds ,Orange,, mostly dns fresh, some oolmoldic Fossil, scat weathered porosity in few pieces, very slight shows of free oil& gas bubbs No odor, no fluorescence <b>20 units gas kick Hot Wire</b>
KINDERHOOK	3790 (-2100)	
VIOLA	4026 (-2336)	
SIMPSON SH	4034 (-2344)	
SIMPSON SAND	4053 (-2363)	
ARBUCKLE	4120 (-2430)	

7/7/11 Move In Spud Set 85/8 w/225 sx(did not circ) 1' inched w/75 sxs  
7/8/11 WOC  
7/9/11 1529'  
7/10/11 2630'  
7/11/11 3313'  
7/12/11 3714' Dst # 1 Conglomerate/Miss  
7/13/11 3760' Dst # 2 Miss  
7/14/11 4250'

**COMMENTS:**

The Cherokee –Miss. Interval was thin. Consequently we did not have any Conglomerate Reservoir.

DST #1 tested the Conglomerate Zone and the Upper Porosity of the Mississippian Chert

DST #2 tested the top 39' of the Mississippian Chert

The well has a thick Mississippian Chert section with 6' of Upper Porosity.

However the sample shows and Drill Stem Test results do not indicate a commercial reservoir in my opinion..

DST # 1 **CONGLOMERATE/MISS**

3680-3725

30-30-30-45

Ist Open: Weak 1/8" Blow Slightly Building To 2"

Ist Shut in: No Blow

2nd Open: weak Surface Blow

2nd Shut In:No Blow

Recovery: 5' Mud

IFP/FFP:72-59/54-53#

ISP/FSP:73/68#

IHP/FHP:1817/1811

DST # 2 **MISSISSIPPIAN CHERT**

3678-3760

30-45-45-45

Ist Open: Weak Blow Slightly Building To 2"

Ist Shut in: No Blow

2nd Open: Weak Blow Building To 1 "

2nd Shut In:No Blow

Recovery: 25' Mud w/ trace of Free Oil (1% Oil,99% Mud)

IFP/FFP:85-64/84-75#

ISP/FSP:270/149#

IHP/FHP:1879/1835#

Temp:113 deg