

# DRILLING REPORT

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

**NEW GULF ENERGY**

**#1 WRIGHT** API # 15-109-20893  
2023'FNL 330'FEL  
Section 31-T14S-R34W  
Logan County, Kansas

Drilling Contractor: VAL DRILLING RIG 4 (620-617-2793)  
Elevation: GL 3049 KB 3057  
Geologist: Bob Stolzle 316-619-7748 / Joe Baker 316-253-9696

Comparison Well: **NEW GULF ENERGY # 1 SOWERS**

1825'FSL 640'FEL  
Section 5-15S-34W  
Logan Co., Kansas

	SAMPLE TOPS	DATUM	COMPARISON WELL	SHOWS
ANHYDRITE	2407	+ 650	+ 18	
TOPEKA	3633	+ 576	+ 28	Lower Topeka: Fossil/ vuggy porosity light stain, light odor
HEEBNER	3862	- 805	+ 31	
TORONTO	3883	-826	+ 29	Weak show, finexln porosity ,mostly chalky, stain, No odor
LANSING (A)	3912	-855	+ 31	Foss./oolitic porosity, light even stain ,fluorescence, weak odor
B				Interxln vuggy porosity, show free oil ,stain ,odor (Fair Show)
F				ooliites, interxln porosity ,show free oil, cut, odor (Fair Show)
MUNCIE CREEK	4076	-1019	+ 29	
STARK	4170	-1113		
K				Inter-oolitic, interxln porosity ,show free oil , l t odor
BKC	4250	-1193	+ 29	
MARMATON	4291	-1231	+ 36	
PAWNEE	4383	-1326	+ 39	
FT SCOTT	4439	-1382	+ 35	Inter-ool porosity Lt brn stain Ft Odor in 2-3 pieces (Very weak show)
CHEROKEE	4469	-1412	+ 33	
CHEROKEE LM				Interxln- vuggy porosity, sat stain in few pieces weak odor (Weak)
JOHNSON	4508	-1451	+ 39	Interxln, vuggy porosity, slight staining, faint odor (Weak)
MORROW	4587	-1530	+ 34	
MORROW SAND	4623	-1566		
MISSISSIPPIAN	4629	-1572	+34	
MISS POROSITY	4690	-1633		
RTD	4770	-1713		

10/30/2010 Move rig from # 1 Sowers  
 10/31/2010 Set Surface run 240.84' of 85/8", 24#, J55 LTC surface @248'  
 11/1/10 1300'  
 11/2/10 2400'  
 11/3/10 3250'  
 11/4/10 3397' Down for repairs  
  
 11/8/10 3397' Resume drilling  
 11/9/10 3540'  
 11/10/10 3835'

**DST # 1 3833-3935 (Lower Topeka, Toronto, Lansing A)**  
**15-30-15-45**  
**1st Open: Off Bottom of Bucket (OBB) in 11/2 min.**  
**2<sup>nd</sup> Open: OBB in 2 min. No Blow Back during shut-in periods**  
**Recovery: 221' Mud,**  
**434' Water Cut Mud (30% water)**  
**930' Mud Cut Water ( 80% water) Total Fluid:1585'**  
**IFP/FFP: 158-441/477-731#**  
**ISP/FSP: 1143/1141#**  
**IHP/FHP: 2030/1824# BHT:111**

11/11/10 3955'

**DST # 2 3937-3955 (Lansing B)**  
**15-30-60-60**  
**1st Open: 5" blow**  
**2<sup>nd</sup> Open: OBB in 46"**  
**No Blow Back during shut-in periods Rec. Chlorides 30,000 ppm**  
**Recovery: 67' Mud,**  
**62' Water Cut Water ( 20% water,80% mud)**  
**62' Mud Cut Water ( 60% water,20% Mud) Total Fluid:191'**  
**IFP/FFP: 158-441/477-731#**  
**ISP/FSP: 1143/1141#**  
**IHP/FHP: 2030/2016 # BHT:111**

11/12/2010 4007' Drilling ahead

**DST # 3 3990-4007 (Lansing E-F)**  
**15-30-60-60**  
**1st Open: ¼" building to 2"**  
**2<sup>nd</sup> Open: Surface Blow building to 3"**  
**No Blow Back during shut-in periods**  
**Recovery: 72' water cut mud w/ oil spots ( 10% water,90% mud)**  
**IFP/FFP: 19-26 / 28-50 #**  
**ISP/FSP: 1166 / 1136 #**  
**IHP/FHP: 2021 / 1911 # BHT: 109**

11/13/2010 Drilling at 4275' will be in the Marmaton later tonight

**DST # 4 4168-4250 (Lansing K-L)**  
**15-30-15-30**  
**1st Open: OBB in 30 seconds**  
**2<sup>nd</sup> Open: OBB in 1 minute**  
**No Blow Back during shut-in periods**  
**Recovery: 248' water cut mud ( 20% water,80% mud)**  
**2356' mud cut water ( 90% water, 10% mud)**  
**IFP/FFP: 495-960 / 992-1183 #**  
**ISP/FSP: 1259 / 1263 #**

**IHP/FHP: 2137 / 2086 # BHT: 119**

11/14/2010 4446' Drilling in FT Scott

11/15/2010 4250'

**DST # 5 4168-4250 (Cherokee-Johnson)  
15-30-15-30  
1st Open: Surface Blow died in 10 minutes  
2<sup>nd</sup> Open: No Blow  
Recovery: 10' mud  
IFP/FFP: 27-26 / 28-28 #  
ISP/FSP: 141 / 84 #  
IHP/FHP: 2413 / 2172 # BHT: 112**

11/16/2010 4770' RTD LOGGING