

# DRILLING REPORT

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

**# 1 RACETTE**  
 2045'FNL 917'FWL  
 Section 10-T12S-R32W  
 Logan County, Kansas

Elevation: **GL 3011 KB 3022**

API # 15-109-21011

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

**# 1 SHEETZ**  
 16-12S-32W

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

	SAMPLE TOPS	DATUM	SHOWS
ANHYDRITE	2550	+472	-17
BASE ANHYDRITE	2574	+448	-19
STOTLER	3649	-627	-14
TOPEKA	3776	-754	-15
HEEBNER	4002	-980	-23
LANSING	4046	-1024	-21
MUNCIE CREEK	4190	-1168	-23
STARK	4272	-1250	-25
BKC	4337	-1315	-20
MARMATON	4362	-1340	
ALTAMONT	4389	-1367	
PAWNEE	4464	-1442	-9
FT. SCOTT	4515	-1493	-8
CHEROKEE SHALE	4541	-1519	-8
JOHNSON	4576	-1554	-9
DST#1 4528-4602 STRADDLE: Vuggy/Foss Fair to Good Porosity Show of Free Oil, Gas Bubbs, Good Odor, Oil Scum on Wash Water, Med Brown Stain Pos Cut Pos/ Acid			
MORROW SHALE			
MISS			
RTD			
LTD			

7/1/11 Move In  
 7/2/11 311' WOC Spud  
 Down for 4<sup>th</sup> of July  
 7/5/11 311'  
 7/6/11 2099  
 7/7/11 3122 Displace @ 3450,  
 7/8/11 3865  
 7/9/11 4365'  
 7/10/11 4614'  
 7/11/11

DST # 1 JOHNSON

30-45-60-90

IST OPEN: STRONG BLOW OBB IN 1 ½ MIN.

IST SHUT IN: BLOW BACK OBB IN 19 ½ MIN

2<sup>ND</sup> OPEN: OBB IN 2 ½ MIN

2<sup>ND</sup> SHUT IN: WEAK 1 ½ INCH BLOW BACK

RECOVERY:

850' Gas in Pipe

2490' Gassy Muddy Oil ( 2% Gas,94% Oil,4% Mud) Oil Gravity 25.6 @ 60 degree

Total Fluid 2490'

IFP/FFP: 100-571/586-959#

ISP/FSP: 1117/1121#

IHP/FHP: 2200/2165# Max Temp 132 deg