

DRILLING REPORT

NEW GULF ENERGY

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

1-8 MERLE

772' FSL 2403' FEL
Section 8-T12S-R32W
Logan County, Kansas

Elevation: **GL 3008 KB 3018**

API # 15-109-21073

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

Well-Site Geologist: Steven P. Murphy 620-639-3030
New Gulf Geologist: Joe Baker 316-253-9696 (cell)
316-733-5826 (home)

Reference Well : **New Gulf Energy**

1 Zerr
2068'FSL 1260''FEL
17-12S-32W
Logan Co., Kansas

New Gulf Drilling Supervisor: Danny Birdwell 432-940-6680

	MERLE 1-8 E-LOG TOPS	# 1 ZERR E-LOG TOPS		#1 ZERR Reference Well +/-
ANHYDRITE	2546 (+472)	2526	+478	-6
BASE ANHYDRITE	2569 (+450)	2550	+454	-4
STOTLER	3639 (-621)	3620	-616	-5
TOPEKA	3770 (-752)	3746	-742	-10
HEEBNER	3995 (-977)	3968	-964	-13
TORONTO	4024 (-1006)	3996	-992	
LANSING	4039 (-1021)	4008	-1004	-17
MUNCIE CREEK	4182 (-1164)	4154	-1150	-14
STARK	4261 (-1243)	4240	-1236	-7
BKC	4333 (-1315)	4304	-1300	-15
MARMATON	4372 (-1354)	4335	-1331	-23
PAWNEE	4472 (-1454)	4438	-1434	-20
FT SCOTT	4524 (-1506)	4490	-1486	-20
CHEROKEE	4550 (-1532)	4516	-1512	-20
JOHNSON	4584 (-1566)	4550	-1546	-20
MORROW SHALE	4625 (-1607)	4582	-1578	-20
MORROW SAND	Absent	Absent		
MISS (Clean)	4662 (-1644)	4588	-1584	-60
RTD	4720 (-1702)	4700	-1696	
LTD	4723 (-1705)	4706	-1702	

2/18/12 Move In
2/19/12 258' Set 85/8 24# @ 242.95 w/220 sxs, 35 cc 2% GEL Cement did circulate
2/20/12 1630'

2/21/12 2741'
2/22/12 3346'
2/23/12 3940' Lansing
2/24/12 4300' Marmaton
2/25/12 4612' Dst # 1 Johnson Strap-2.36 Long/Board
2/26/12 4720' RTD Miss Log

Based on sample shows, DST results and structure the decision was made to plug and abandon this location.

SHOWS:

Johnson Zone: Samples had Poor Shows of Oil w/ Gilsonite Stain, Faint Odor

DST # 1 JOHNSON
4554-4614
30-45-30-60
RECOVERY: 10' Mud
1st Open: Weak Blow 1" No Return Blow
2nd Open: No Blow, No Return Blow
IFP/FFP: 18-20 / 21-23 #
ISP/FSP: 1123/ 1126 #
IHP/FHP: 2277 / 2205 # BHT: 115 deg F