

DRILLING REPORT

NEW GULF ENERGY

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

1 HORTON

964'FNL 670'FWL
 Section 32-T24S-9W
 Reno County, Kansas
 API # 15-155-21574

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

Elevation: GL1707 **KB 1717**

Geologist: Shawn Denahan 316-640-7034/ Joe Baker 316-253-9696

Comparison Well: **New Gulf Energy # 1 DEALY**

2248'FNL 1718'FWL
 31-24S-9W
 Reno Co., Kansas

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

	ELOG TOPS	DATUM	SHOWS
HEEBNER	3167 (-1450)	1	
BROWN LM	3342 (-1625)	8	
LANSING-KC	3360 (-1643)	8	
STARK	3645 (-1928)	-4	
BKC	3728 (-2011)	-2	
	3846 (-2129)	-6	Cut 30' excellent weathered porosity, good shows free oil, gas ,odor, Med bright fluorescence, good dk brown stain saturated in part, Carried shows throughout Miss Chert section
MISS CHERT			
TOTAL CHERT	63'	+31	
KINDERHOOK	3914 (-2197)	-12	
VIOLA	4103 (-2386)	-17	No Shows
SIMPSON SAND	4190 (-2473)	-18	No Shows
ARBUCKLE	4354 (-2537)	-14	
RTD	4320 (-2603)		
LTD	4300	Fill in Hole	

7:00 AM Depths

6/13/2011 Spud
 6/14/2011 Set 8 5/8 " surface @ 222' WOC
 6/15/2011 226'Down for repairs
 6/16/2011 1620' work on rig
 6/17/2011 1620' work on rig
 6/18/2011 1830'
 6/19/2011 2497
 6/20/2011 3191
 6/21/2011 3670' Drilling ahead
 6/22/2011 3882 DST #1 Mississippian Chert

3853-3882

30-60-60-90

Ist Open: OBB in 3/12"

1st Shut In: 2' Blow Back

2nd open: OBB in 8"

2nd Shut In: 6" Blow Back

Recovery: 930' Gas In Pipe

65' Gassy Oil Cut Watery Mud (13% Oil, 42% Mud, 40% Water)

125' Gassy Oil Cut Muddy Water (4% Gas, 9% Oil, 20% Mud, 65% water)

120' 120' Water w/ Oil Specs (.07 Ohms @ 83 Deg.)

IFP/FFP: 51-110/89-116#

ISP/FSP: 966/840#

IHP/FHP: 1865/1812#

Rec Chl: 97,000 PPM

System Chlorides: 12,000ppm, WL 13.5

6/23/2011 4122'

6/24/2010 4120 RTD Logging

Halliburton Triple Combo /Sonic/Rotary Cores

Cores taken at:

3710,3852,3856,3858,3865,3870,3874,3879,3884,3888,3902,3904,3913,4200

3710: Lansing Hertha Foss. Ls Good shows free oil, gas, strong odor, good even dark brown stain

3852,3856,3858: Upper Porosity: Chert-Tripolitic, Good free oil in core barrel, bleeding oil & gas, strong odor, saturated dark brown rich stain

3865: shales gray –green cherty slight shows oil, stain odor

3870,3879,3884,3902,3904,: Chert more fresh shows free oil, gas, stain and odor throughout. Shows decreasing w/depth.