

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

**# 1 PHYLLIS B**  
1287'FNL 880'FEL  
Section 1-T24S-R10W  
Reno County, Kansas  
API # 15-155-21571

Drilling Contractor: VAL DRILLING RIG 2 (620-617-2793)  
Elevation: GL 1737      **KB 1747**  
Geologist: Curtis Covey 316-258-9976 / Joe Baker 316-253-9696  
Comparison Well:      **New Gulf Energy # 1 Beverly OWWO**  
SE NE NW  
12-24S-10W  
Reno Co., Kansas

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

	E-LOG TOPS	DATUM	SHOWS
HEEBNER	3110	-1363	
BROWN LM	3284	-1537	
LANSING-KC	3306	-1559	
STARK	3543	-1796	
BKC	3623	-1876	
MISS CHERT	3703	-1956	Chert 40% w/ weathered porosity ,odor, fluorescence, gas bubbles ,med brown Pos cut/residual Pos acid/resid Hot Wire 212 Units/38 Unit Background
BASE CHERT	3752	-2005	
TOTAL CHERT	49 '		
KINDERHOOK	3753	-2006	
VIOLA	3916	-2169	Dolo Brn , good interln, suc porosity, odor, sfo, stain,odor 140 Units HW/ 84 Units Background
SIMPSON SHALE	4004	-2257	
SIMPSON SAND	4015	-2268	
ARBUCKLE	4074	-2327	
RTD	4130	-2383	
LTD	4130	-2383	

6/4/2011 Spud  
6/5/2011 801, Set 85/8 " surface @ 211'  
6/6/2011 2084' Drilling Ahead  
6/7/2011 2916' Drilling Ahead  
6/8/2011 3724' CFS in the Miss. Chert

6/9/2011 3759' Drilling Ahead

**DST # 1 MISSISSIPPIAN CHERT**

**3700-3740**

**30-60-60-90**

**Ist Open: Strong Blow Off Bottom of Bucket in 1 Minute. Gas To Surface in 28 Minutes**

**Ist Shut In: No Blow Back**

**2<sup>nd</sup> Open: Strong Blow OBB Immediately Gas To Surface Throughout**

**Final Shut In: No Blow Back**

**Recovery: 50' Gas Cut Mud**

**IFP/FFP: 39-43/31-42#**

**ISP/FSP: 1360/ 1360#**

**IHP/FHP: 1803/1774#**

**BHT: 114 deg.**

**Flow Rates: During 2<sup>nd</sup> Open Gas Flow rate were 19-25 MCFGPD. The original test on the Beverly Well was 4 MCFGPD.**

6/10/2011 3924' Trip back in hole w/ bit

**DST # 2 Viola**

**3910-3924**

**30-60-60-90**

**Ist Open: Strong Blow Off Bottom of Bucket in 2 1/2 Minute.**

**Ist Shut In: No Blow Back**

**2<sup>nd</sup> Open: Strong Blow OBB in 3 min. decreased to 6"**

**Final Shut In: No Blow Back**

**Recovery: 1900' Water w/ Strong Sulfur Odor Chl. 24,000 ppm**

**IFP/FFP: 80-474/480-781**

**ISP/FSP: 788 / 788**

**IHP/FHP: 1891/1848#**

**BHT: 123 deg.**

6/11/2011 RTD 4130' E-log

**Run 51/2 Casing to RTD Plug Down @ 9:30 PM**

The Phyllis B is structurally 29' high to the #1 Beverly at the Mississippian Chert and 25 ' high at the Viola. Based on the positive results on DST #1 on the Mississippian Chert 51/2 " casing was set .