

State of West Virginia  
Division of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

Farm Name: Ganser, Judith & Paula Operator Well No.: Hawker # 1401

LOCATION: Elevation: 1027 Quadrangle: Shinnston  
District: Eagle County: Harrison  
Latitude: 6950' feet South of 39 DEG. 27 MIN. 30 SEC.  
Longitude: 11700' feet West of 80 DEG. 20 MIN. 00 SEC.

Company:

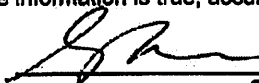
Linn Operating LLC	Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
Address: PO Box 1008 Jane Lew, WV 26378	11 3/4"	171'	171'	CTS
Agent: Gary Beall Inspector: Tim Bennett	8 5/8"	1371'	1371'	CTS
Date Permit Issued: 9/17/2007				
Date Well Work Commenced: 12/4/2007	4 1/2"		4056'	215 sks
Date Well Work Completed: 12/4/2007				
Verbal Plugging:				
Date Permission granted on:	<b>RECEIVED</b> Office of Oil & Gas  MAY 29 2013  WV Department of Environmental Protection			
X Rotary Cable Rlg				
Total Vertical Depth (ft): 4690'				
Total Measured Dept 4690'				
Fresh Water Depth (ft.): 20', 135'				
Salt Water Depth (ft.): 402'				
Is coal being mined in area (N/Y) ? Y				
Coal Depths (ft): 132' - 136'				
Void(s) encountered (N/Y) Depth(s) N				

**OPEN FLOW DATA** (If more than two producing formations please include additional data on separate sheet)

Producing Formation Injun, 30', 50', Upper Gordon, Lower Gordon Pay Zone \_\_\_\_\_  
Depth (ft) 1530' - 2382'  
Gas: Initial Open Flow Show MCF/d Oil: Initial Open Flow \_\_\_\_\_ Bbl/d  
Final Open Flow Show MCF/d Final Open Flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock pressure \_\_\_\_\_ psig surface pressure after \_\_\_\_\_ Hours

Second Producing Formation \_\_\_\_\_ Pay Zone \_\_\_\_\_  
Depth (ft) \_\_\_\_\_  
Gas: Initial Open Flow \_\_\_\_\_ MCF/d Oil: Initial Open Flow \_\_\_\_\_ Bbl/d  
Final Open Flow \_\_\_\_\_ MCF/d Final Open Flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock pressure \_\_\_\_\_ psig surface pressure after \_\_\_\_\_ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

  
\_\_\_\_\_  
Signature

5-28-13  
\_\_\_\_\_  
Date

33-0489F

**NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.**

**Perforated Intervals, Fracturing, or Stimulating:**

<b>Injun</b>	<b>1620-1530</b>	<b>28 Holes</b>	<b>185 sks 20/40 sand, 31,000 N2, 277 bbl H2O</b>
<b>30', 50'</b>	<b>2160-1927</b>	<b>27 Holes</b>	<b>500 gal HCL, 152 sks 20/40 sand, 46,000 N2, 327 bbl H2O</b>
<b>Upper Gordon</b>	<b>2218-2222</b>	<b>27 Holes</b>	<b>500 gal HCL, 114 sks 20/40 sand, 33,000 N2, 326 bbl H2O</b>
<b>Lower Gordon</b>	<b>2382-2333</b>	<b>27 Holes</b>	<b>100 sks 20/40 sand, 30,000 N2, 311 bbl H2O</b>

<b>Formations Encountered:</b>	<b>Top Depth</b>	<b>/</b>	<b>Bottom Depth</b>
<u>Surface:</u>			
No change in depth			

05/31/2013