

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Goetz, Heinz

Operator Well No. Brannon #2

LOCATION: Elevation: 1,116'

Quadrangle: Salem 7.5

District: McClelland  
Latitude: 12,920' Feet South of  
Longitude: 1,610' Feet West of

County: Doddridge  
39 Deg. 22 Min. 30 Sec.  
80 Deg. 35 Min. 00 Sec.

Company: Tapo Energy, Inc.

Company:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address:				
P.O. Box 235 West Union, WV 26426	9 5/8	1200	1200	65 sks
Agent: Jerry Poling				
Inspector: Mike Underwood	7"	1420	1420	200 sks
Date Permit Issued: 03/22/2007				
Date Well Work Commenced: 04/01/2007	4 1/2	3200	3127	105 sks
Date Well Work Completed: 04/07/2007				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 3200'				
Fresh Water Depth (ft.): NA				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				

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OPEN FLOW DATA

Producing formation Gordan Pay zone depth (ft) 2881-3015 ft.  
Gas: Initial open odor 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 100# psig (surface pressure) after 48 Hours

Second producing formation Injun Pay zone depth (ft) 2109-2190 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

\* = commingled zones

NOTE: ON BACK OF THIS FORM 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 ALL FORMATIONS.

Signed: \_\_\_\_\_  
By: \_\_\_\_\_  
Date: 06-7-16

**APPROVED**

NAME: Jackie Shamba  
DATE: 6/30/16

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Brannon #2  
 47-017-05396  
 04/15/2007

<u>Stage #</u>	<u>perfs</u>	<u>sand</u>	<u>avg_rate</u>	<u>isip</u>
#1 Gordan	2881-3015	75 sks	9.1 bpm	# 1912
#3 Injun	2108-2190	250 sks	13.7 bpm	# 1570

Drillers Log

Fill	0	15	
Sd/sh	15	58	
Sd	58	245	
Sd/Sh	245	2034	
LL	2034	2040	
Sd/Sh	2040	2070	
BI	2070	2116	gas ck @ 2150 = odor
Sand	2116	2200	gas ck @ 2850 = odor
Sd/Sh	2200	2802	gas ck @ 2960 = odor
Sand	2802	2822	
Sd/Sh	2822	2882	
Sd	2882	2952	
Sd/Sh	2952	3022	
Sd	3022	3028	
Sd/Sh	3028	3193	
Td	3193		gas ck @ td = odor

Electric Log Tops

Big Lime	2070
Injun	2116
Gordan	2802

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