

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

*AP*

Well Operator's Report of Well Work

Farm name: DREW, VIRGINIA FLUHARTY  
LOCATION: Elevation: 1,022.00  
District: GREEN  
Latitude: 8,200 Feet south of  
Longitude: 9,600 Feet west of

Operator Well No.: WM FLUHARTY E-15  
Quadrangle: CENTERPOINT 7.5'  
County: WETZEL  
39 Deg 30 Min 0 Sec.  
80 Deg 40 Min 00 Sec.

Company: EAST RESOURCES, INC.  
P.O. BOX 5519  
VIENNA, WV 26105-5519

Agent: PHILIP S. ONDRUSEK  
Inspector: MIKE UNDERWOOD  
Permit Issued: 12/04/03  
Well work Commenced: 02/14/04  
Well work Completed: 02/18/04  
Verbal plugging permission granted on:  
Rotary X Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 3007  
Fresh water depths (ft) NA  
Salt water depths (ft) NA  
Is coal being mined in area (Y/N) N  
Coal Depths (ft): NA

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8"	308.00'	308.00'	90 sks
4 1/2"	2980.30'	2980.30'	170 sks

RECEIVED  
Office of Oil & Gas  
Office of Chief  
MAY 20 2004  
WV Department of Environmental Protection

OPEN FLOW DATA Water Injection Well

Producing formation Gordon Pay zone depth (ft) 2855-2920

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

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

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, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: EAST RESOURCES, INC.  
By: [Signature]  
Date: 5/18/04

WET 1671

JUN 18 2004

05/24/2024

**Treatment :**

Treated perforations 2892' -2902' w/ 250 gals 15% HCL, 327 Bbls cross linked gel and 20,500 # 20/40 sand

**Well Log :**

See original well record

**RECEIVED**  
WV Division of  
Environmental Protection

APR 10 1996

Permitting  
Office of Oil & Gas

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: DREW, VIRGINIA FLUHARTY

Operator Well No.: WM FLUHARTY E-15

LOCATION: Elevation: 1,022

Quadrangle: CENTERPOINT

District: GREEN

County: WETZEL

Latitude: 8,200 Feet south of

39 Deg 30 Min 0 Sec.

Longitude: 9,600 Feet west of

80 Deg 40 Min 0 Sec.

Company: PENNZOIL PRODUCTS COMPANY  
P.O. BOX 5519  
VIENNA, WV 26105-5519

Agent: PHILIP S. ONDRUSEK

Inspector: RANDAL MICK

Permit Issued: 5/3/95

Well work Commenced: 8/5/95

Well work Completed: 10/3/95

Verbal plugging permission granted on:

Rotary  Cable  Rig

Total Depth (feet) 3,007'

Fresh water depths (ft) NA

Salt water depths (ft) NA

Is coal being mined in area (Y/N) N

Coal Depths (ft): NA

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8	308'	308'	90 SKS
4 1/2"	2980.3'	2980.3'	170 SKS

OPEN FLOW DATA

\*Waterflood Injection Well

Producing formation GORDON Pay zone depth (ft) 2855-2920  
 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

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

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, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PENNZOIL PRODUCTS COMPANY

By:

Date:

*Philip S. Ondrusek*  
4/8/96

05/24/2024

**Treatment :**

Perforated Gordon 2892-2902 (40 Holes) Treated Via 4 1/2" with 550 gals  
15% HCl, 221 BBL gelled water & 15,300# 20/40 Sand.

**Well Log :**

Sand & Shale	0	-	1220'
Sand	1220'	-	1270'
Sand & Shale	1270'	-	1785'
Sand	1785'	-	1856'
Shale	1856'	-	2002'
Sand	2002'	-	2052'
Shale	2052'	-	2108'
Sand	2108'	-	2279'
Shale	2279'	-	2855'
Gordon	2855'	-	2920'
T.D.	3007'		