

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

Well Operator's Report of Well Work

Farm name: DEPT. NATURAL RESOURCES Operator Well No.: I. REILLY G-20

LOCATION: Elevation: 885.00 Quadrangle: CENTER POINT

District: GREEN County: WETZEL  
Latitude: 2950 Feet South of 39 Deg. 30Min. 0 Sec.  
Longitude 9000 Feet West of 80 Deg. 40 Min. 0 Sec.

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

Agent: JAMES A. CREWS

Inspector: RANDAL MICK  
Permit Issued: 10/04/94  
Well work Commenced: 12/08/94  
Well work Completed: \_\_\_\_\_  
Verbal Plugging \_\_\_\_\_  
Permission granted on: \_\_\_\_\_  
Rotary X Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 2923  
Fresh water depths (ft) N/A  
Salt water depths (ft) N/A

| Casing & Tubing | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|-----------------|------------------|--------------|------------------------|
| Size            |                  |              | To surface             |
| 8-5/8           | 220              | 220          | 60 sks.                |
| 4-1/2           | 2858.95          | 2858.95      | 300 sks.               |
|                 |                  |              |                        |
|                 |                  |              |                        |

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): N/A

OPEN FLOW DATA \* Water Injection Well

Producing formation Gordon Pay zone depth (ft) 2726-2768  
 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: [Signature]  
Date: 1/4/95

TREATMENT

Perforated with 16 holes 2740'-2748'. Treated with 300 gallons 15% HCL acid, 255 barrels gelled water & 7000# 20/40 sand.

WELL LOG

|              |             |
|--------------|-------------|
| Sand & Shale | 0'-1176'    |
| Sand         | 1176'-1226' |
| Sand & Shale | 1226'-1652' |
| Sand         | 1652'-1690' |
| Sand & Shale | 1690'-1876' |
| Sand & Shale | 1876'-2066' |
| Big Injun    | 2066'-2136' |
| Shale        | 2136'-2505' |
| Sand         | 2505'-2509' |
| Shale        | 2509'-2520' |
| Sand         | 2520'-2524' |
| Sand & Shale | 2524'-2722' |
| Sand         | 2712'-2726' |
| Shale        | 2726'-2768' |
| T.D.         | 2923'       |