

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

SEP 15 93

Permitting  
Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: WADSWORTH, FRANCIS & C.I.

Operator Well No.: JASPER LEMASTERS #20

LOCATION: Elevation: 1186.00      Quadrangle: CENTER POINT

District: MCELROY      County: TYLER  
Latitude: 12,350 Feet South of 39 Deg. 30Min. 0 Sec.  
Longitude 7,250 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: MIKE UNDERWOOD

Permit Issued:

Well work Commenced: 09/03/92

Well work Completed: 05/01/93

Verbal Plugging

Permission granted on:

Rotary X Cable \_\_\_\_\_ Rig

Total Depth (feet) 3220

Fresh water depths (ft) N/A

Salt water depths (ft) N/A

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

Coal Depths (ft): N/A

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	450.59'	450.49'	To Surface 300 sks.
4-1/2"	3173.60'	3173.60'	300 sks.

OPEN FLOW DATA (Water Injection Well)

Producing formation Gordon Pay zone depth (ft) 3056-3095  
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: Timothy P. Roush  
PENNZOIL PRODUCTS COMPANY

By: Timothy P. Roush, Supervisor - Surveying/Mapping  
Date: September 14, 1993

05/24/2024

Treatment:

# 8

Perforated: Gordon w/10 holes 3086' - 3091'

Treated: w/300 gal. 15% HCL acid, 286 bbls. gelled water, 1500# 80/100 sand and 3500# 20/40 sand.

Well Log

Sand & Shale	0 - 505
Shale	505 - 575
Sand & Shale	575 - 755
Shale	755 - 793
Limestone	793 - 890
Shale	890 - 1010
Limestone	1010 - 1020
Shale	1020 - 1062
Sand & Shale	1062 - 1210
Shale	1210 - 1414
Sand	1414 - 1480
Sand & Shale	1480 - 1620
Sand	1620 - 1675
Sand & Shale	1675 - 1815
Sand	1815 - 1884
Shale	1884 - 1988
Sand	1988 - 2150
Shale	2150 - 2210
Little Lime	2210 - 2224
Shale	2224 - 2237
Blue Monday	2237 - 2273
Big Lime	2273 - 2337
Big Injun	2337 - 2503
Shale	2503 - 3056
Gordon	3056 - 3095
T.D.	3220

DF - 411

OFT - 419