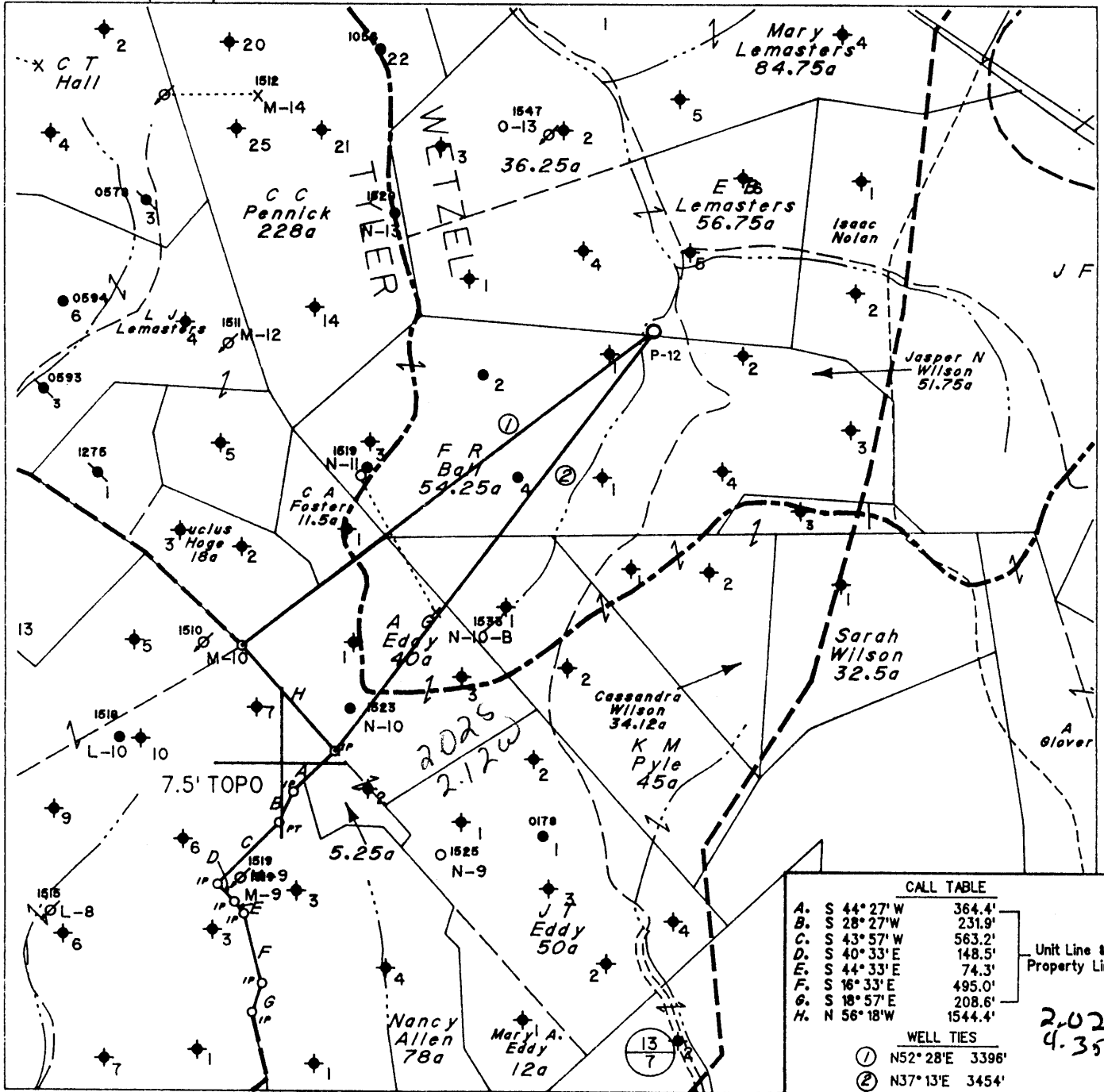


48 4/29/94

LATITUDE 39° 30' 00"



Note: No Known Water Supply Sources Are Located Within 1000' Of Proposed Well

CALL TABLE		
A.	S 44° 27' W	364.4'
B.	S 28° 27' W	231.9'
C.	S 43° 57' W	563.2'
D.	S 40° 33' E	148.5'
E.	S 44° 33' E	74.3'
F.	S 16° 33' E	495.0'
G.	S 18° 57' E	208.6'
H.	N 56° 18' W	1544.4'

Unit Line & Property Line

2.02
4.35

WELL TIES

① N52° 28' E 3396'

② N37° 13' E 3454'

LOCATION REFERENCES

N27° 06' W 108' 9" Sycamore

S77° 14' W 102' 2" Walnut

S31° 14' E 119' 8" Poplar

(H) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 1782

MAP NO. N48 N 2 S E W 3

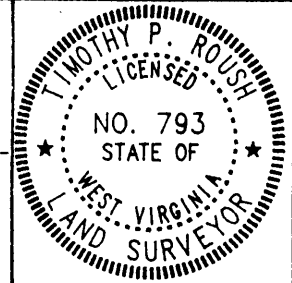
SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY 1 in 200

PROVEN SOURCE OF ELEVATION F.R. Ball No. 9
(47-095-0548) - 1152'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) Timothy P. Roush
TIMOTHY P. ROUSH PS 793



STATE OF WEST VIRGINIA
DIVISION OF ENERGY
OIL AND GAS SECTION



DATE April 20, 19 94

FARM E.B. Lemasters NO. P-12

API WELL NO. 47-095-1625-41
103

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1040' WATERSHED Piney Fork

DISTRICT Green COUNTY Wetzel

QUADRANGLE Centerpoint 415 NC

SURFACE OWNER State of West Virginia ACREAGE 110 Ac.

OIL & GAS ROYALTY OWNER Pennzoil Products Co. et al. LEASE ACREAGE 93 Ac.

LEASE NO. 47254-00

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION Gordon ESTIMATED DEPTH 3020'

WELL OPERATOR Pennzoil Products Company DESIGNATED AGENT James A. Crews

ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519
Vienna, W.Va. 26105 Vienna, W.Va. 26105

FORM IV-6

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

Well Operator's Report of Well Work

Farm name: WVA. PUBLIC LANDS Operator Well No.: E.LEMASTERS P12
LOCATION: Elevation: 1,040.00 Quadrangle: CENTER POINT

District: GREEN County: WETZEL
Latitude: 10600 Feet South of 39 Deg. 30Min. Sec.
Longitude 11100 Feet West of 80 Deg. 37 Min. 30 Sec.

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

Agent: JAMES A. CREWS

Inspector: RANDAL MICK
Permit Issued: 05/12/94
Well work Commenced: 07/27/94
Well work Completed: 09/16/94
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 3059
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	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			To surface
8-5/8	308	308	50 sks.
4-1/2	3019.45	3019.45	300 sks.

OPEN FLOW DATA * Water Injection Well

Producing formation Gordon Pay zone depth (ft) 2938-2968
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: 7/4/95

TREATMENT

Perforated with 24 holes 2946'-2958'. Treated with 300 gallons 15% HCL acid, 270 barrels gelled water and 7000# 20/40 sand.

WELL LOG

Sand & Shale	0'-1372'
Sand	1372'-1384'
Sand & Shale	1384'-1783'
Sand	1783'-1816'
Shale	1816'-2090'
Big Lime	2090'-2102'
Shale	2102'-2213'
Big Injun	2213'-2350'
Shale	2350'-2922'
Stray	2922'-2924'
Gordon	2938'-2968'
T.D. ✓	3059'.

APR 26 94

1) Date April 22, 1994
Operator's
2) Well No. E. B. Lemasters #2-12
3) SIC Code
4) API Well No. 47 - 095 - 1625
State County Permit

STATE OF WEST VIRGINIA

NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION
for the

DIVISION OF OIL AND GAS, DEPARTMENT OF ENERGY

6) SURFACE OWNER(S) OF RECORD TO BE SERVED

- (i) Name WV Public Land Corporation
Address Bldg. #3, Room 643
1900 Kanawha Blvd. E.
- (ii) Name Charleston, WV 25305
Address Dep't. of Natural Resources
- (iii) Name 1301 Goose Run Road
Address Fairmont, WV 26554
Attn: Gary Foster

7 (i) COAL OPERATOR N A
Address _____

7 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____

7 (iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Liquid Injection or Waste Disposal Well Work Permit or Form WW-3(B), which sets out the parties involved in the drilling or other work, and
- (2) The plat (surveyor's map) showing the well location on Form WW-5; and
- (3) The Construction and Reclamation Plan on Form WW-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

The date proposed for the first injection or waste disposal is _____, 19____.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM WW-3(B)) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22B of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Director of the Division of Oil and Gas, West Virginia Department of Energy, with respect to a well at the location described on the attached application and depicted on attached Form WW-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Director.

The person signing this document shall make the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all 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. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Pennzoil Products Company
Well Operator
By [Signature] Timothy E. Evans
Its Supervisor, Surveying Mapping
Telephone 804 422-4565