

CALL TABLE		
A.	S 61° 57' E	1386.00'
B.	S 80° 57' E	726.21'
C.	N 74° 06' E	661.41'
D.	N 34° 28' E	627.00'
E.	N 47° 28' E	198.00'
F.	N 3° 28' E	825.00'
G.	S 17° 36' E	3052.50'

Unit Line & Property Line

WELL TIES	
①	S 68° 17' E 3072'
②	N 47° 27' E 2621'

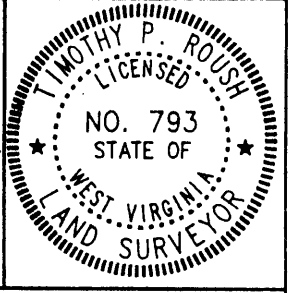
LOCATION REFERENCES

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

FILE NO. 1782  
 MAP NO. N 48 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 May 13, 1994  
 FARM E.B. Lemasters NO. 2  
 API WELL NO. 47-103-1636-W

WELL TYPE: OIL X GAS X LIQUID INJECTION X WASTE DISPOSAL X OBSERVATION X  
 (IF "GAS") PRODUCTION     STORAGE     DEEP     SHALLOW      
 LOCATION: ELEVATION 1099' WATERSHED Piney Fork  
 DISTRICT Green COUNTY Wetzel  
 QUADRANGLE Centerpoint NV

SURFACE OWNER State of West Virginia ACREAGE 110 Ac.  
 OIL & GAS ROYALTY OWNER Pennzoil Products Co. et.al. LEASE ACREAGE 97 Ac.  
 LEASE NO. FEE 2816

PROPOSED WORK: DRILL     CONVERT     DRILL DEEPER     REDRILL X 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 Fresh Water Zones ESTIMATED DEPTH 380'  
 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

JUN 3 1994

8-0-95

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

NOV 05 1995

Well Operator's Report of Well Work

Permitting  
Office of Oil & Gas

Farm name: WVA. PUBLIC LANDS Operator Well No.: E.B.LEMASTERS#2

LOCATION: Elevation: 1,099.00 Quadrangle: CENTER POINT

District: GREEN County: WETZEL  
Latitude: 9350 Feet South of 39 Deg. 30Min. Sec.  
Longitude 11700 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: 06/03/94  
Well work Commenced: 07/25/94  
Well work Completed: 08/12/94

Verbal Plugging  
Permission granted on:  
Rotary Cable X Rig  
Total Depth (feet) 403'  
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.
5-1/2"	375.5	375.5	200 Sks.
1 1/2" / tbg.	363'	363'	-

OPEN FLOW DATA This is an observation well only with no production.

Producing formation NA Pay zone depth (ft) NA  
Gas: Initial open flow NA MCF/d Oil: Initial open flow NA Bbl/d  
Final open flow NA MCF/d Final open flow NA Bbl/d  
Time of open flow between initial and final tests NA Hours  
Static rock Pressure NA psig (surface pressure) after NA Hours

Second producing formation NA Pay zone depth (ft) NA  
Gas: Initial open flow NA MCF/d Oil: Initial open flow NA Bbl/d  
Final open flow NA MCF/d Final open flow NA Bbl/d  
Time of open flow between initial and final tests NA Hours  
Static rock Pressure NA psig (surface pressure) after NA 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: 11/2/95

NOV 13 1995

RECEIVED  
Environmental Protection

103-1636-W  
Issued 06/03/94

FORM WW-2B

MAY 18 94

Page 3 of 4

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

Expires 06/03/96

4670

5

286

19210

- 1) Well Operator: Pennzoil Products Company - 37450
- 2) Operator's Well Number: E. B. LEMASTERS NO. 2 3) Elevation: 1099'
- ) Well type: (a) Oil  / or Gas  / Observation  /
- (b) If Gas: Production  / Underground Storage  /
- Deep  / Shallow  /
- ) Proposed Target Formation(s): Fresh water zones 200
- ) Proposed Total Depth: 380 feet
- ) Approximate fresh water strata depths: 280'
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: N/A
- 10) Does land contain coal seams tributary to active mine? Yes  / No  /
- 11) Proposed Well Work: Re-enter abandoned well & case hole to below freshwater for observation purposes only.
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	5-1/2"	Used	--	380'	380'	Cement to surface
Fresh Water						380 CSR 11.3
Coal						
Intermediate						
Production						
Tubing						
Liners						

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only

Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
 Plat  WW-9  WW-2B  Bond \_\_\_\_\_

20233  
17

1) Date: May 16, 1994  
2) Operator's well number  
E. B. LEMASTERS NO. 2  
3) API Well No: 47 - 103 - 1636-W  
State - County - Permit

Permitting  
Office of Oil & Gas

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- |  |   |
|--|---|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name WV Public Land Corp.<br/>Address Building 3, Room 643<br/>1900 Kanawha Blvd. E.</p> <p>(b) Name Charleston, WV 25305<br/>Address Department of Natural Resources</p> <p>(c) Name Gary Foster<br/>Address 1304 Goose Run Road<br/>Fairmont, WV 26554</p> | <p>5) (a) Coal Operator:<br/>Name N/A<br/>Address</p> <p>(b) Coal Owner(s) with Declaration<br/>Name<br/>Address</p> <p>(c) Coal Lessee with Declaration<br/>Name<br/>Address</p> |
| <p>6) Inspector Mike Underwood<br/>Address Route 2, Box 135<br/>Salem, WV 26426<br/>Telephone (304)- 782-1043</p>  |   |

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR  
 Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)  
 I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through \_\_\_ on the above named parties, by:  
 Personal Service (Affidavit attached)  
 Certified Mail (Postmarked postal receipt attached)  
 Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.  
 I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form 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.  
 Well Operator PENNYOIL PRODUCTS COMPANY  
 By: Timothy P. Roush Timothy P. Roush  
 Its: Supervisor, Surveying/Mapping  
 Address P. O. Box 5519  
Vienna, WV 26105  
 Telephone (304) 422-6565

Subscribed and sworn before me this 16th day of May, 1994

Michael Bailey Notary Public  
My commission expires June 10, 1997