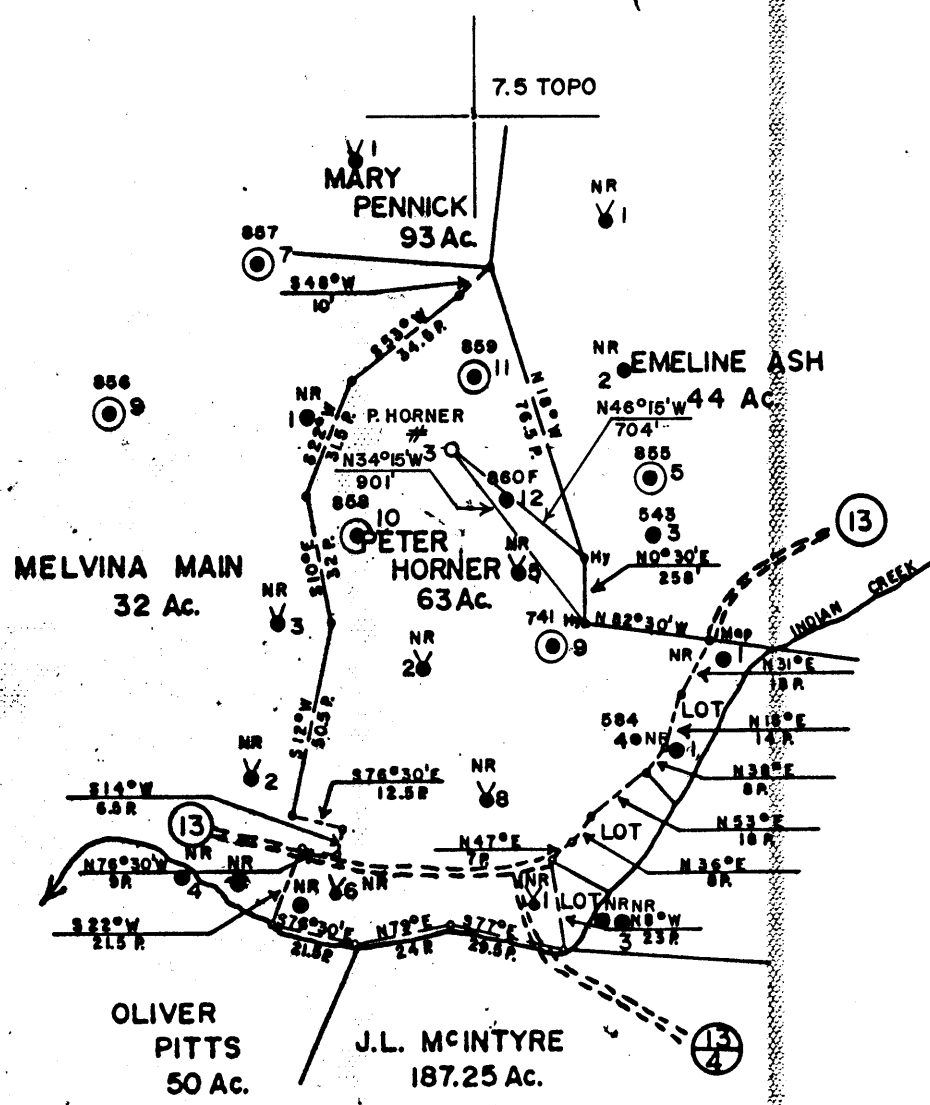


Janie 8/7/90

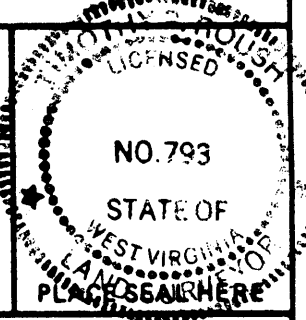
LATITUDE 39° 27' 30"

LONGITUDE 80° 40' 00"



FILE NO. 1687
 MAP NO. N47 SQS. N-1, W-4
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION PENNZOIL COMPANY RECORDS

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 P.S. 793



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE JULY 19, 1990
 FARM PETER HORNER NO. 3
 API WELL NO. 47-095-1414-X

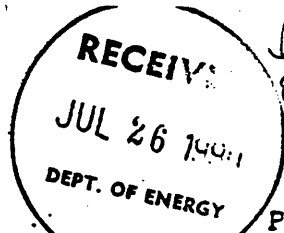
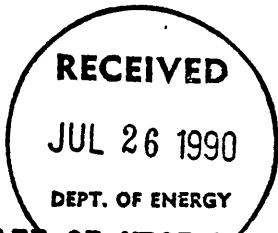
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL OBSERVATION
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,079 WATER SHED INDIAN CREEK
 DISTRICT McELROY COUNTY TYLER
 QUADRANGLE CENTERPOINT 7.5' 415
 SURFACE OWNER VERNON DELONG ACREAGE 57.75
 OIL & GAS ROYALTY OWNER JUDY SMITH LEASE ACREAGE 63
 LEASE NO. 15460-50
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) redrill on 10-30-90 according to DE

Redrill on 10-30-90 according to DE
well drilled in 1897 for observation of ground water

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION FRESH WATER ZONE ESTIMATED DEPTH 480'
 WELL OPERATOR PENNZOIL PRODUCTS CO. DESIGNATED AGENT JAMES A. CREWS
 ADDRESS P.O. BOX 5519 VIENNA, WV 26105 ADDRESS P.O. BOX 5519 VIENNA, WV 26105

AUG 10 1990

FORM WW-6



Issued 8/10/90
Expired 8/10/92
095-1414-Red

FORM WW-2B

Page 3 of 4

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

- 1) Well Operator: Pennzoil Products Company 37450 (5) 286
- 2) Operator's Well Number: Peter Horner No. 3 3) Elevation: 1079.9
- 4) Well type: (a) Oil or Gas Observation
(b) If Gas: Production Underground Storage
Deep Shallow
- 5) Proposed Target Formation(s): Fresh Water Zones
- 6) Proposed Total Depth: 480 feet
- 7) Approximate fresh water strata depths: 275'
- 8) Approximate salt water depths: NA
- 9) Approximate coal seam depths: NA
- 10) Does land contain coal seams tributary to active mine? Yes No
- 11) Proposed Well Work: Redrill abandoned well to 100' below fresh water for observation purposes only.
- 12)

CASING AND TUBING PROGRAM

Redrill 1997 well for observation only

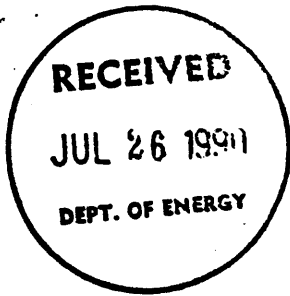
| TYPE | SPECIFICATIONS | | | FOOTAGE INTERVALS | | CEMENT |
|--------------|----------------|-------|----------------|-------------------|--------------|-------------------|
| | Size | Grade | Weight per ft. | For drilling | Left in well | Fill-up (cu. ft.) |
| Conductor | | | | | | |
| Fresh Water | 5-1/2" * | J-55 | 15.5# | 480 | 480 | Cement to surface |
| Coal | | | | | | |
| Intermediate | | | | | | |
| Production | | | | | | |
| Tubing | | | | | | |
| Liners | | | | | | |

CSPTB 11.3

PACKERS : Kind *Run up to 5-1/2" casing as downhole conditions allow.
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

1033
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket Agent
 (Type)



- 1) Date: July 20, 1990
- 2) Operator's well number
Peter Horner No. 3
- 3) API Well No: 47 - 095 - 1414-RED
State - County - Permit

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

- | | |
|---|--|
| <p>4) Surface Owner(s) to be served: (a) Name <u>Vernon D. & Elizabeth DeLong</u> Address <u>General Delivery</u> <u>Alvy, WV 26322</u> (b) Name _____ Address _____ (c) Name _____ Address _____</p> <p>6) Inspector <u>Glen P. Robinson</u> Address <u>P. O. Box 1</u> <u>Bellville, WV 26133</u> Telephone (304)-<u>863-8766</u></p> | <p>5) (a) Coal Operator: Name _____ Address _____ (b) Coal Owner(s) with Declaration Name _____ Address _____ Name _____ Address _____ (c) Coal Lessee with Declaration Name _____ Address _____</p> |
|---|--|

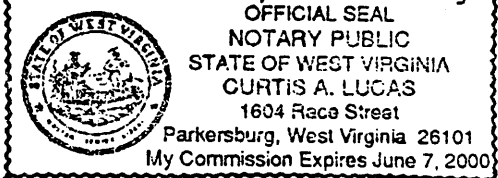
TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
X 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)
X 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 Pennzoil Products Company
 By: [Signature] Timothy P. Roush
 Its: Supervisor, Surveying/Mapping
 Address P. O. Box 5519
Vienna, WV 26105-5519
 Telephone (304) 422-6565



Subscribed and sworn before me this 20th day of July, 1990
[Signature] Notary Public
 My commission expires June 7, 2000