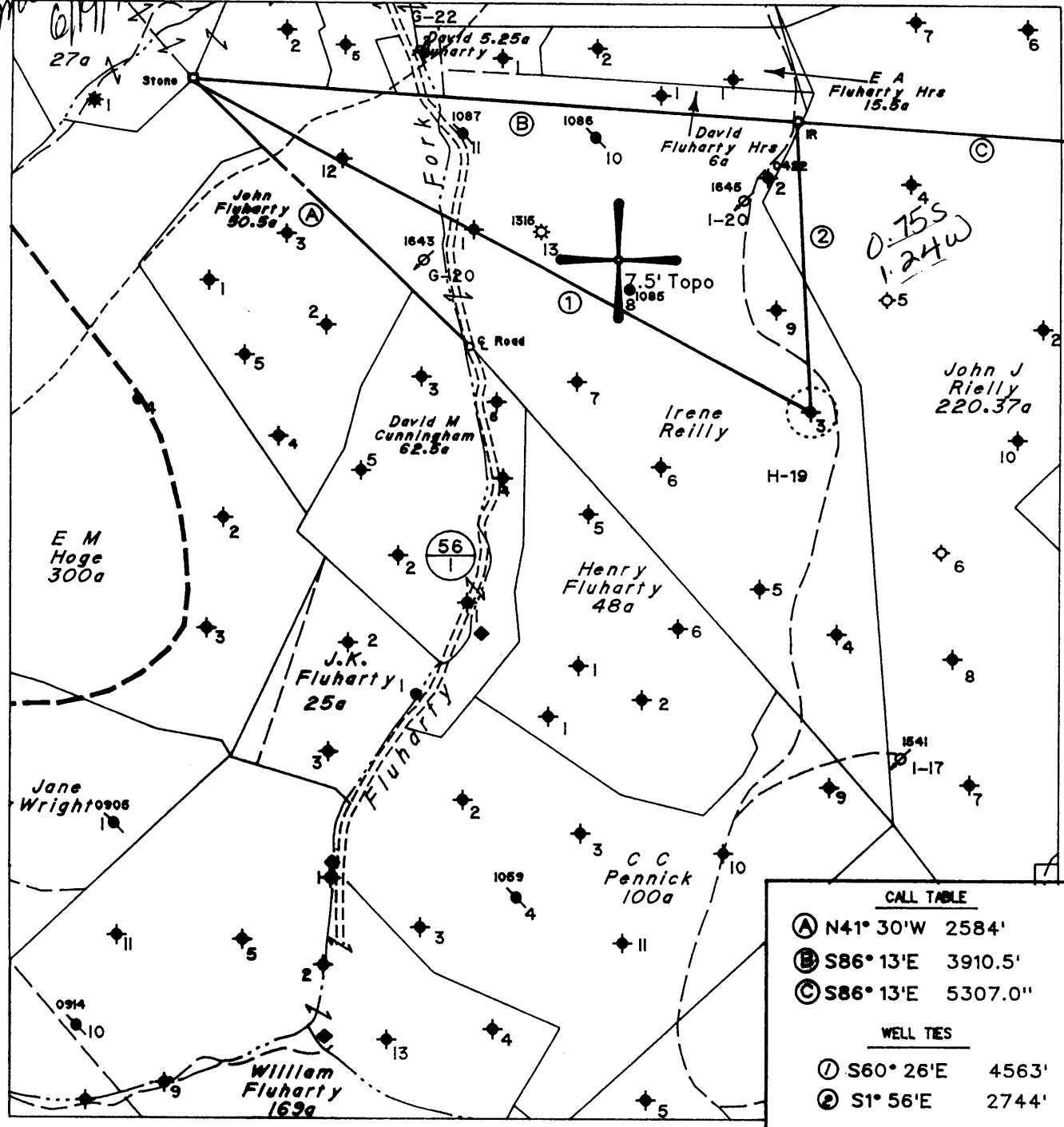


6,550'

LATITUDE 39° 30' 00"

LONGITUDE 80° 40' 00"

*Janice 6/19/95*



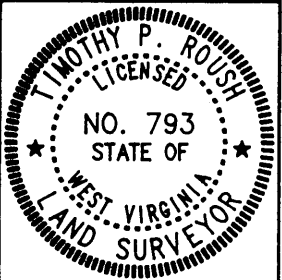
CALL TABLE	
Ⓐ	N41° 30' W 2584'
Ⓑ	S86° 13' E 3910.5'
Ⓒ	S86° 13' E 5307.0'
WELL TIES	
①	S60° 26' E 4563'
②	S1° 56' E 2744'

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

FILE NO. 603  
 MAP NO. N57 N 3 S E W 4  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION USGS BM - 902

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 31, 19 95  
 FARM Irene Reilly NO. 3  
 API WELL NO. 47-103-01684-W  
was 103 71709

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  OBSERVATION   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1378' WATERSHED Fluharty Fork  
 DISTRICT Green COUNTY Wetzel  
 QUADRANGLE Centerpoint  
 SURFACE OWNER State of West Virginia ACREAGE 190.35 Ac.  
 OIL & GAS ROYALTY OWNER Pennzoil Products Co. et.al. LEASE ACREAGE 191 Ac.  
 LEASE NO. 15634-50  
 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 Fresh Water Zones ESTIMATED DEPTH 660'  
 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 23 1995**

9-0 95

FORM IV-6

APR 10 1996

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

Permitting  
 Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: WV PUBLIC LAND CORP.

Operator Well No.: IRENE REILLY #3

LOCATION: Elevation: 1,378

Quadrangle: CENTERPOINT

District: GREEN

County: WETZEL

Latitude: 4,000 Feet south of 39 Deg 30 Min 0 Sec.

Longitude: 6,550 Feet west of 80 Deg 40 Min 0 Sec.

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

Agent: PHILIP S. ONDRUSEK

Inspector: RANDAL MICK

Permit Issued: 6/19/95

Well work Commenced: 8/16/95

Well work Completed: 10/18/95

Verbal plugging

permission granted on:

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

Total Depth (feet) 666'

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	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			
10"	274'	274'	
4 1/2"	648.11'	648.11'	125 SKS
2 3/8" Tubing	652.36	652.36	

OPEN FLOW DATA

\*This well is a Waterflood Observation Well - 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 \_\_\_\_\_ 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: 9/8/96

**Treatment:** NOT TREATED

**Well Log:**

SEE ORIGINAL WELL RECORD, NOT ELEC LOGGED

THIS IS AN OBSERVATION WELL MONITORING FRESH WATER ZONES

RECEIVED

WV Division of Environmental Protection

JUN 05 1995

103-1684-W

Issued 06/19/95

Page 3 of 4

Expires 06/19/97

FORM WW-2B

Permitting Office of Oil & Gas STATE OF WEST VIRGINIA

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

20659

- 2670 (5) 286
- Well Operator: Pennzoil Products Company - 37450
  - Operator's Well Number: Irene Reilly #3 3. Elevation: 1378'
  - Well type: (a) Oil  or Gas  or Observation   
(b) If Gas: Production  Underground storage   
Deep  Shallow
  - Proposed Target Formation(s): Fresh water zones 200
  - Proposed Total Depth: 660 feet
  - Approximate fresh water strata depths: 560'
  - Approximate salt water depths: N/A
  - Approximate coal seam depths: N/A
  - Does land contain coal seams tributary to active mine? Yes  No
  - Proposed Well Work: Re-enter abandoned well & case hole to below freshwater for observational purposes only.

CASING AND TUBING PROGRAM

380518-11.3  
380518-11.2

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per/ft.	For drilling	Left in well	Fill-up (cu.ft.)
Conductor	5 1/2	Used	--	660'	→ 660'	Cmt. to surface
Fresh water						
Coal						
Intermediate						
Production						
Tubing						
Liners						

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

For Division of Oil and Gas Use Only

21340/29

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

RECEIVED  
Division of  
Environmental Protection

Page 1 of 4  
Form WW2-A  
(6/94)  
File Copy

1995  
Permitting  
Office of Oil & Gas

1) Date: June 2, 1995  
2) Operator's well number Irene Reilly No. 3  
3) API Well No: 47 - 103 - D1684W  
State County Permit

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:  
(a) Name WV Public Land Corp.  
Address Building 3, Room 643  
1900 Kanawha Blvd. E.  
(b) Name Charleston, WV 25305  
Address Dept. of Natural Resources  
(c) Name Gary Foster  
Address 1304 Goose Run Road  
Fairmont, WV 26554  
6) Inspector Mike Underwood  
Address Route 2, Box 135  
Salem, WV 26426  
Telephone (304)- 782-1043

5) (a) Coal Operator:  
Name N/A  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_

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 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 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:

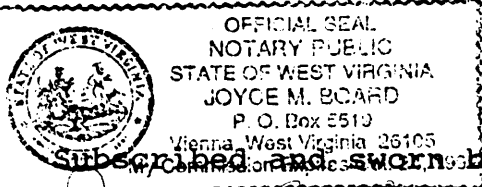
- \_\_\_\_\_ Personal Service (Affidavit attached)
- X Certified Mail (Postmarked postal receipt attached)
- \_\_\_\_\_ Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 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 FERNZOLL PRODUCTS COMPANY  
By: 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 2nd day of June, 1995

Joyce M. Board Notary Public  
My commission expires October 24, 1999