

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 18° 33' E		495.0'
G. S 18° 57' E		208.6'
H. N 58° 18' W		1544.4'

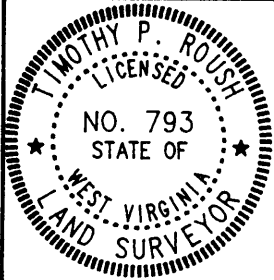
WELL TIES		
①	S 47° 34' E	2081'
②	S 18° 55' E	2403'

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

FILE NO. 1794  
 MAP NO. N 48 N 1 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 August 7, 19 95  
 FARM Nancy Allen NO. 5  
 API WELL NO. 47-095-01639-W

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  OBSERVATION   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1018 WATERSHED Indian Creek  
 DISTRICT McElroy COUNTY Tyler  
 QUADRANGLE Centerpoint 4 15 NW  
 SURFACE OWNER Earl & Edith Glover ACREAGE 76.74 Ac.  
 OIL & GAS ROYALTY OWNER Pennzoil Products Co. et.al. LEASE ACREAGE 78 Ac.  
 LEASE NO. 57107-00  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 8-0 95

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION Fresh Water Zones ESTIMATED DEPTH 300'  
 WELL OPERATOR Pennzoil Products Company DESIGNATED AGENT Philip S. Ondrusek  
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519  
Vienna, W.Va. 26105 Vienna, W.Va. 26105

NOV 19 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: Glover, Earl & Edith

Operator Well No.: Nancy Allen No.5

LOCATION: Elevation: 1,018.00

Quadrangle: Center Point

District: McElroy  
Latitude: 550' Feet south of  
Longitude: 700' Feet west of

County: Tyler  
39 Deg 27 Min 30 Sec.  
80 Deg 40 Min 00 Sec.

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

Agent: PHILIP S. ONDRUSEK

Inspector: Mike Underwood

Permit Issued: 9/28/95

Well work Commenced: 2/7/96

Well work Completed: 3/18/96

Verbal plugging

permission granted on:

Rotary Cable  Rig

Total Depth (feet) 334'

Fresh water depths (ft) 110'

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.
8 5/8"	306'	306'	325 Sacks

OPEN FLOW DATA

\*Well was previously plugged and abandoned. Well was re-entered to below freshwater depths for fluid level monitoring purposes.

Producing formation Fresh Water Zones 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

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:

Date:

*[Signature]*  
11/15/96

NOV 22 1996

**Treatment:**

**Perforations:**

**Well was not Perforated**

**Treatment:**

**Well was not treated.**

**Well Log:**

**See original Well Record.**

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W. Division of  
Environmental Protection

95-1639-w

FORM WW-2B

AUG 10 1995

Page 3 of 4

Permitting  
Office of Oil & Gas STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

Issued 09/28/95  
Expires 09/28/97

21016

1. Well Operator: Pennzoil Products Company - 37450 (5) 284
2. Operator's Well Number: Nancy Allen #5 3. Elevation: 1018'
4. Well type: (a) Oil  or Gas  or Observation   
 (b) If Gas: Production  Underground storage   
 Deep  Shallow
5. Proposed Target Formation(s): Fresh water zones 200
6. Proposed Total Depth: 300 feet
7. Approximate fresh water strata depths: 200'
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	5½	Used	--	300'	300'	Cmt. to surface
Fresh water						
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 \_\_\_\_\_  Agent

22162  
36

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WV Division of Environmental Protection

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

AUG 10 1995

1) Date: August 8, 1995  
2) Operator's well number  
Nancy Allen No. 5  
3) API Well No: 47 - 095 - 1639-W  
State County Permit

Permitting  
Office of Oil & Gas  
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 Earl & Edith Glover
  - Address HC 62, Box 41  
Jacksonburg, WV 26377
  - (b) Name \_\_\_\_\_
  - Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_
  - Address \_\_\_\_\_
- 5) (a) Coal Operator:
  - Name N/A
  - Address \_\_\_\_\_
  - (b) Coal Owner(s) with Declaration
    - Name \_\_\_\_\_
    - Address \_\_\_\_\_
  - (c) Coal Lessee with Declaration
    - Name \_\_\_\_\_
    - Address \_\_\_\_\_
- 6) Inspector Mike Underwood
  - Address Route 2, Box 135  
Salem, WV 26426
  - Telephone (304)-782-1043

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:

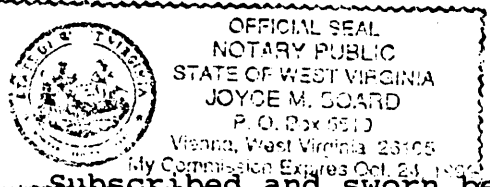
- \_\_\_\_\_ Personal Service (Affidavit attached)
- X Certified Mail (Postmarked postal receipt attached)
- \_\_\_\_\_ Publication (Notice of Publication attached)

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 PENNZOIL PRODUCTS COMPANY  
By: [Signature] 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 8th day of August, 1995

[Signature] Notary Public  
My commission expires October 24, 1999