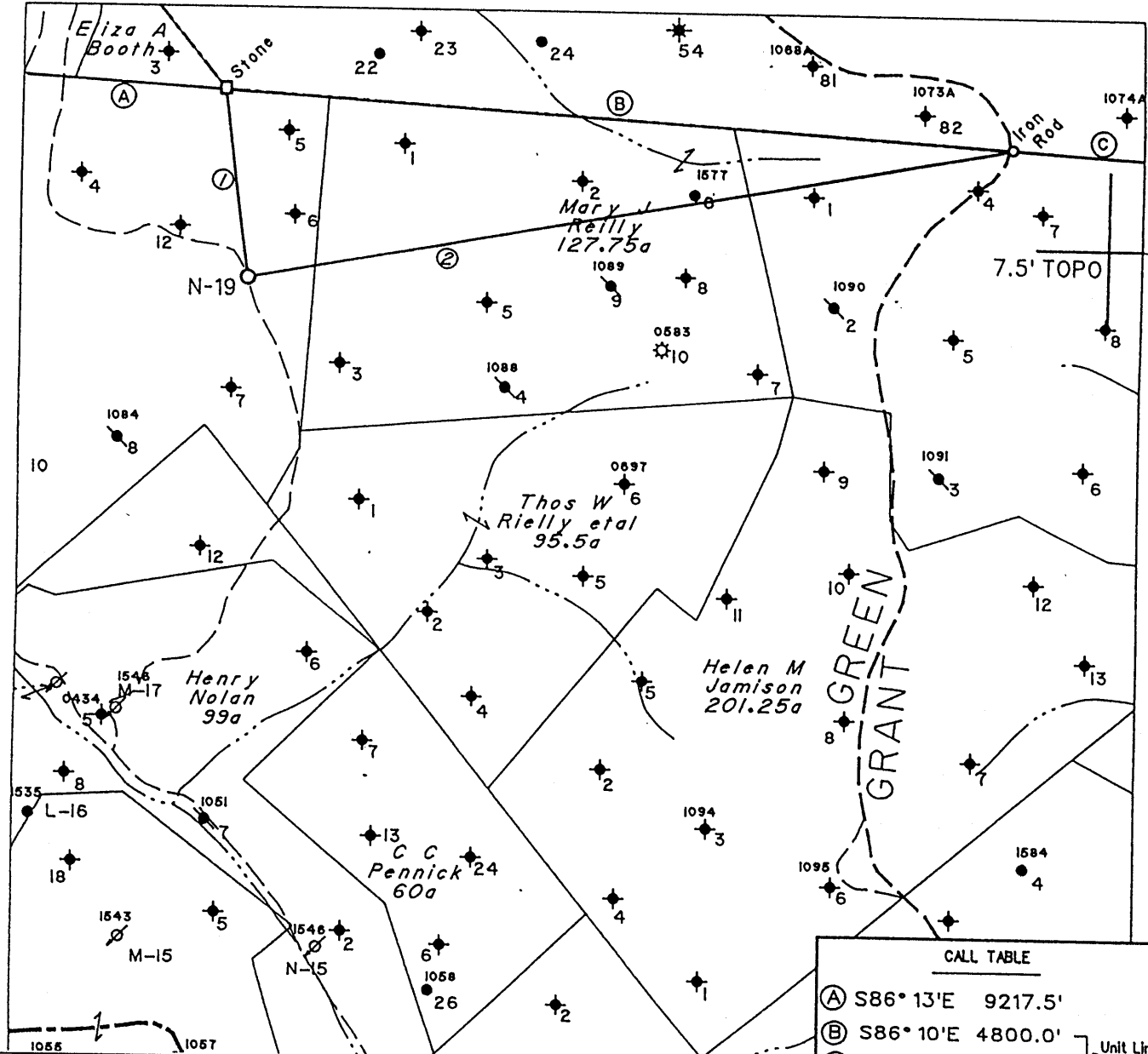


Longitude - 80° 40' 15.0" -1,150'

LATITUDE 39° 30' 00"

LONGITUDE 80° 40' 00"

Latitude - 39° 29' 24.7" 3,550'



NOTES ON PLAT

- 1 - The survey shown hereon is from the original drilling permit dated 4/19/94.
- 2 - Surface owner information obtained from the Wetzel County Assessor's tax records 11/13/03.
- 3 - Latitude and Longitude checked for accuracy on 11/3/03.

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

CALL TABLE

- (A) S86° 13'E 9217.5'
- (B) S86° 10'E 4800.0'
- (C) S86° 10'E 5419.8'

WELL TIES

- (1) S7° 13'E 1203'
- (2) S79° 21'W 4720'

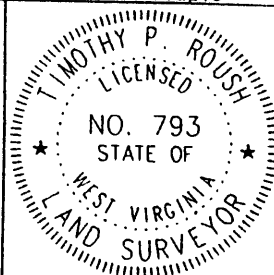
LOCATION REFERENCES

- N60° 45'W 163' 10" Bl. Oak
- N4° 47'E 167' 12" Maple
- S40° 20'E 163' 6" Maple

FILE NO. _____
 MAP NO. _____ N _____ S _____ E _____ W _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION WVDEP 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 PS 793



WEST VIRGINIA

Division of Environmental Protection
 Office of Oil and Gas
 1356 Hansford St.
 Charleston, West Virginia 25301



DATE November 13, 2003
 FARM G.V. Reilly NO. N-19
 API WELL NO. 47-103-1632F

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1,445' WATERSHED Piney Fork
 DISTRICT Green COUNTY Wetzel
 QUADRANGLE Centerpoint 7.5'

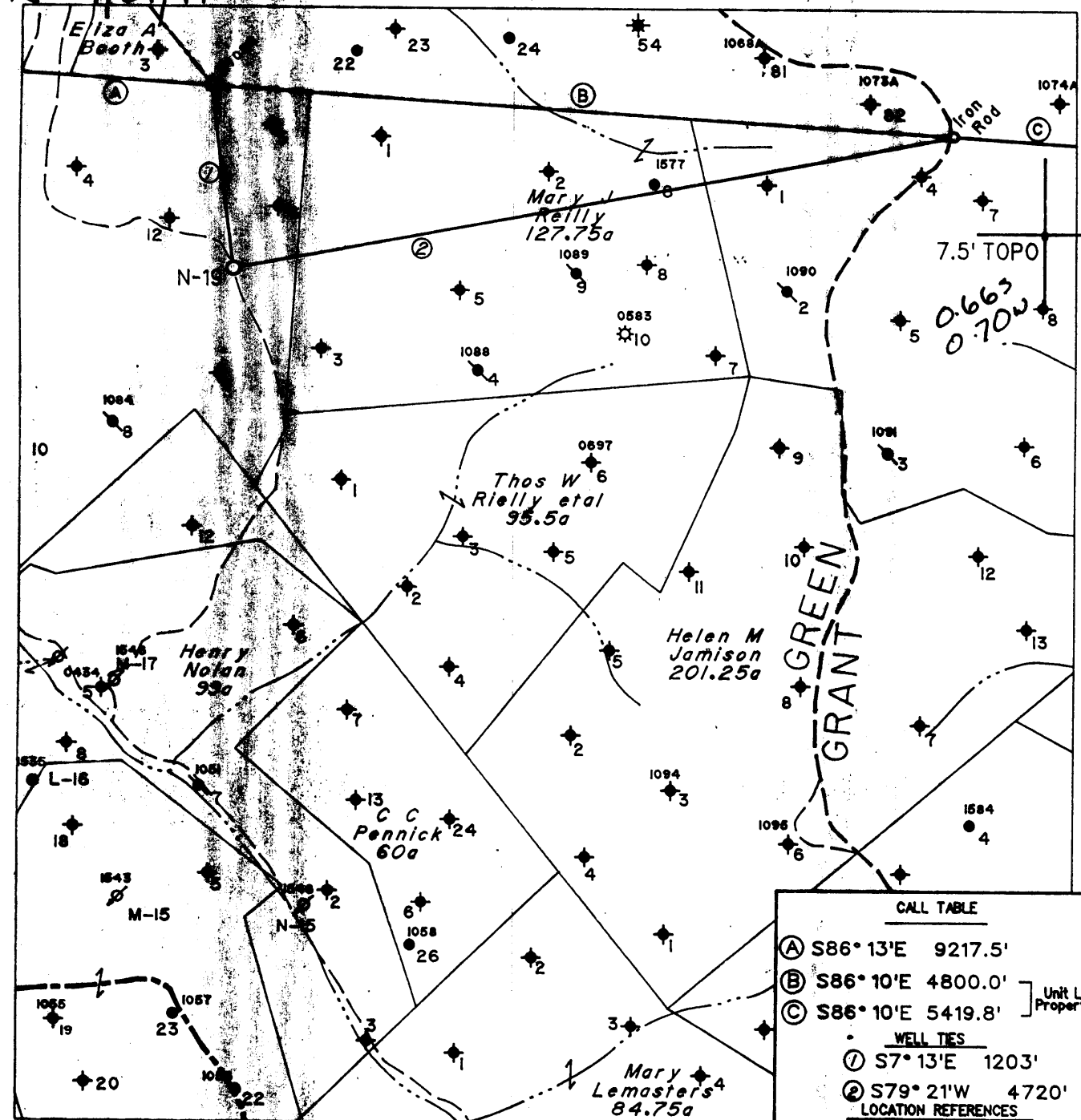
SURFACE OWNER W.Va. Public Land Corporation ACREAGE 259 Ac.
 OIL & GAS ROYALTY OWNER East Resources, et al. LEASE ACREAGE 260 Ac.
 LEASE NO. 15544-50

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 Gordon ESTIMATED DEPTH 3,492'
 WELL OPERATOR East Resources, Inc. DESIGNATED AGENT Michael McCown
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519
 Vienna, W.Va. 26105 Vienna, W.Va. 26105

WET 1632F

MS 4/29/94



CALL TABLE	
(A)	S86° 13'E 9217.5'
(B)	S86° 10'E 4800.0'
(C)	S86° 10'E 5419.8'
Unit Line & Property Line	
WELL TIES	
(1)	S7° 13'E 1203'
(2)	S79° 21'W 4720'
LOCATION REFERENCES	
N60° 45'W	163' 10" Bl. Oak
N4° 47'E	167' 12" Maple
S40° 20'E	163' 6" Maple

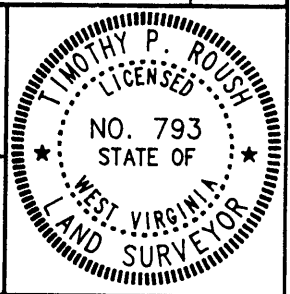
Note: No Known Water Supply Sources Are Located Within 1000' Of Proposed Well

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

FILE NO. 1082
 MAP NO. N58 N 3 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 19, 19 94
 FARM G.V. Reilly NO. N-19
 API WELL NO. 47-103-1632-L1

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1445' WATERSHED Piney Fork
 DISTRICT Green COUNTY Wetzel
 QUADRANGLE Centerpoint
 SURFACE OWNER State of West Virginia ACREAGE 259 Ac.
 OIL & GAS ROYALTY OWNER Pennzoil Products Co. et al. LEASE ACREAGE 260 Ac.
 LEASE NO. 15544-260 ac.
 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 3425'
 WELL OPERATOR Pennzoil Products Company DESIGNATED AGENT James A. Crews
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519
Vienna, W.Va. 26105 4670 ADDRESS Vienna, W.Va. 26105

APR 1 1 1997

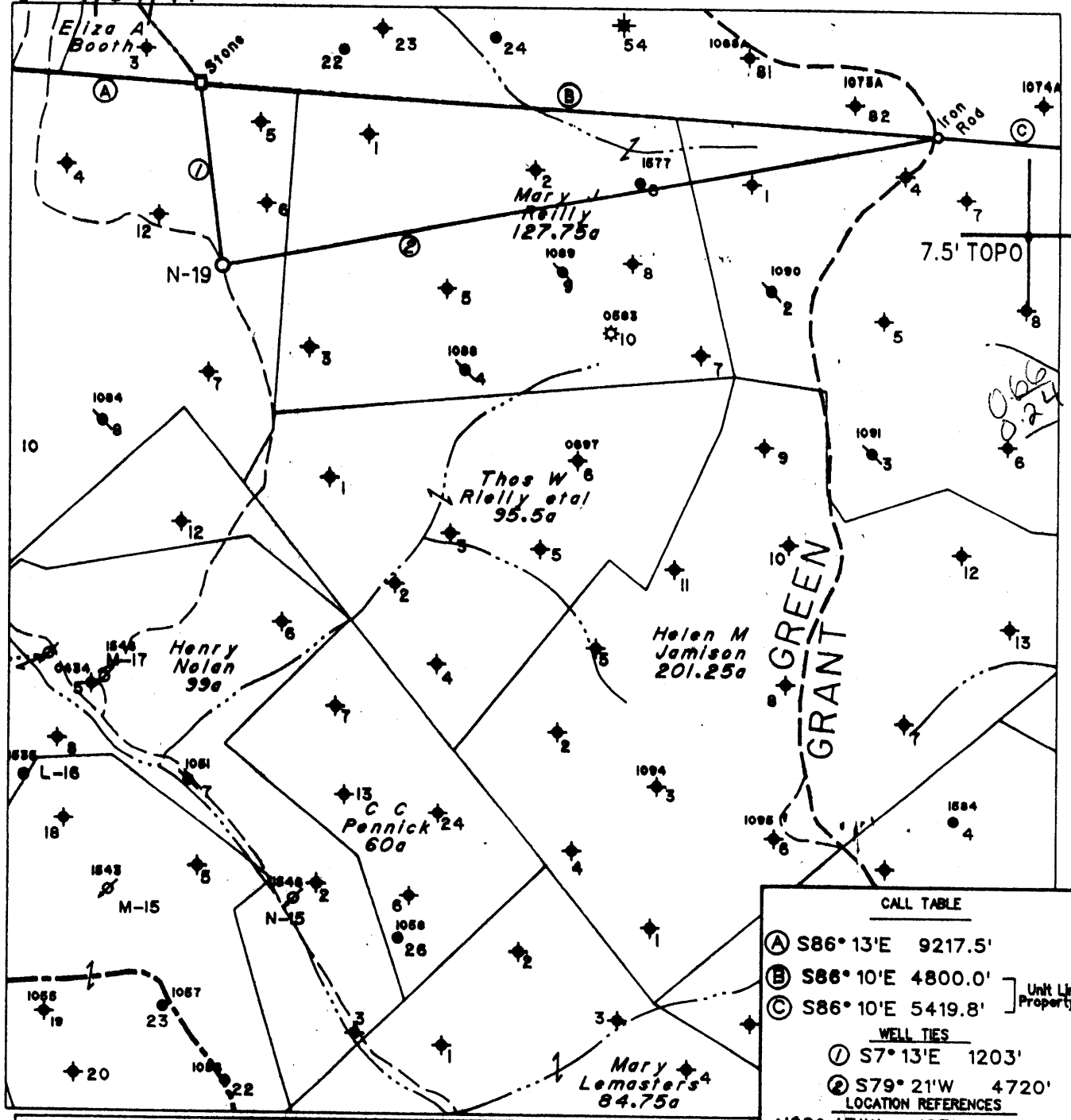
FORM IV-6

NET 1632 L1

AS 4/29/94

LATITUDE 39° 30' 00"

LONGITUDE 80° 40' 00"



CALL TABLE	
(A)	S86° 13'E 9217.5'
(B)	S86° 10'E 4800.0'
(C)	S86° 10'E 5419.8'
Unit Line & Property Line	
WELL TIES	
(1)	S7° 13'E 1203'
(2)	S79° 21'W 4720'
LOCATION REFERENCES	
N60° 45'W	163' 10" Bl. Oak
N4° 47'E	167' 12" Maple
S40° 20'E	163' 6" Maple

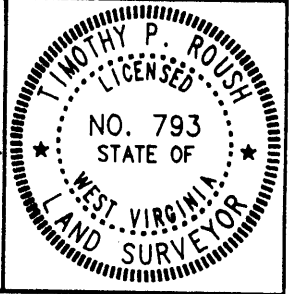
Note: No Known Water Supply Sources Are Located Within 1000' Of Proposed Well

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

FILE NO. 1082
 MAP NO. N58 N 3 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 19, 19 94
 FARM G.V. Rellly NO. N-19
 API WELL NO. 47-103-1632-L1

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1445' WATERSHED Pinney Fork
 DISTRICT Green COUNTY Wetzel
 QUADRANGLE Centerpoint dl5 NW
 SURFACE OWNER State of West Virginia ACREAGE 259 Ac.
 OIL & GAS ROYALTY OWNER Pennzoil Products Co. et.al. LEASE ACREAGE 260 Ac.
 LEASE NO. 15544-260 ac.
 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 3425'
 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

MAY 27 1994

8-0-95

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.: G.V.REILLY N-19

LOCATION: Elevation: 1,445.00 Quadrangle: CENTER POINT

District: GREEN County: WETZEL
 Latitude: 3500 Feet South of 39 Deg. 30Min. Sec.
 Longitude 1200 Feet West of 80 Deg. 40 Min. Sec.

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

Agent: JAMES A. CREWS

Inspector: RANDAL MICK
 Permit Issued: 05/25/94
 Well work Commenced: 08/24/94
 Well work Completed: 09/23/94

Verbal Plugging
 Permission granted on: _____
 Rotary X Cable _____ Rig
 Total Depth (feet) 3492
 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	706	706	50 sks.
4-1/2	3395.9	3395.9	300 sks.

OPEN FLOW DATA * Water Injection Well

Producing formation Gordon Pay zone depth (ft) 3316-3358
 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

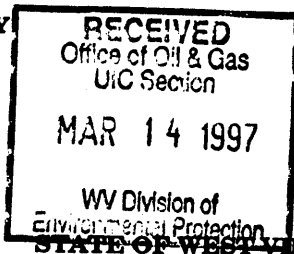
By: Randal Mick
 Date: 1/4/95

TREATMENT

Perforated with 22 holes, 3334'-3345'. Treated with 300 gallons 15% HCL acid, 234 barrels gelled water and 7000# of 20/40 sand.

WELL LOG

Sand & Shale	0'-1080'
Sand	1080'-1126'
Shale	1126'-1238'
Sand	1238'-1260'
Sand & Shale	1260'-1858'
Sand	1858'-1914'
Sand & Shale	1914'-2452'
Sand	2452'-2464'
Shale	2464'-2548'
Sand	2548'-2734'
Shale	2734'-3303'
Stray	3303'-3306'
Gordon	3316'-3358'
T.D.	3492'



1) Date March 7, 1997
 2) Well No. G.V Reilley N-19
 3) SIC Code _____
 4) API Well No. 47 - 108 - 1632 - F
 State County Permit
 5) UIC Code _____

Issued 04/07/97
Expires 04/07/99

NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION
for the
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

23397

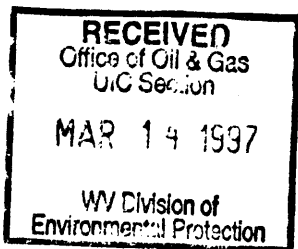
WELL TYPE: Liquid Injection X Gas Injection _____ Waste Disposal _____
 LOCATION: Elevation 1445 Watershed Piney Fork
 District Green County Wetzel Quadrangle Centerpoint
 WELL OPERATOR: Pennzoil Products Company 9) DESIGNATED AGENT: Philip S. Ondrusek
P.O. Box 5519 Vienna, WV 26105 P.O. Box 5519
Vienna, WV 26105
 OIL & GAS INSPECTOR TO BE NOTIFIED: 11) DRILLING CONTRACTOR:
 Name Mike Underwood Name _____
 Address Route 2, Box 135 Address _____
Salem, WV 26426

- 12) PROPOSED WELL WORK: Drill _____ Drill Deeper _____ Redrill _____ Stimulate X
 Plug Off Old Formation _____ Perforate New Formation _____ Convert _____
 Other Physical Change in Well (specify) _____
 13) Geological target formation Gordon Depth 3316 Ft. (Top) to 3358 Ft. (Bottom)
 14) Estimated depth of completed well (or actual depth of existing well) 3492 Ft.
 15) Approximate water strata depths: Fresh NA Ft. Salt NA Ft.
 16) Approximate coal seam depths: 1000 Ft.
 17) Is coal being mined in the area? Yes X No
 18) Virgin reservoir pressure in target formation: 1400 psig. Source Estimated
 19) Estimated reservoir fracture pressure: 3500 psig.
 20) Maximum proposed injection operations: Volume per hour 25 bbl. Bottom Hole Pressure 2470
 21) Detailed identification of materials to be injected, including additives: Fresh water, produced water, bactericides and other chemicals as needed to maintain water quality and improve oil recovery.
 22) Filters (if any): Cartridge filters and/or coal bed filters
 23) Specifications for cathodic protection and other corrosion control: _____

24) CASING AND TUBING PROGRAM:

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILLUP OR SACKS	PACKERS
	Size	Grade	Weight	New	Used	For Drilling	Left in Well		
Conductor									Kinds
Fresh Water	8 5/8"					706	706	Existing Casing	Tension
Coal									Sizes
Intermediate									
Production	4 1/2"					3396	3396	Existing Casing	Depths Set
Tubing									
Liners									Perforations
									Top Bottom

25) APPLICANTS OPERATING RIGHTS were acquired from G.V Reilley et ux
 by Deed _____ Lease X Other Contract _____ Dated 9/23/1895 of record in the
Wetzel County Clerk's Office in Book 47 at Page 34



1) Date March 7, 1997
2) Well No. G.V Reilley N-19
3) SIC Code _____
4) API Well No. 47 - 103 - 1632 P
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 State of WV
Address Public Land Corp.
Building 3, Room 646
(ii) Name 1900 Kanawha Blvd. East
Address Charleston, WV 25305
(iii) Name Dep't. of Natural Resources
Address 1304 Goose Run Road
Fairmont, WV 26554
Attn: Gary Foster

7 (i) COAL OPERATOR:

Name N/A
Address _____

7 (ii) COAL OWNER WITH DECLARATION ON RECORD:

Name N/A
Address _____

7(iii) COAL LESSEE WITH DECLARATION ON RECORD:

Name N/A
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 on 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-6; 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 _____

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]
Its Supervisor, Surveying/Mapping
Telephone (304) 422-6565

APR 26 94

1) Date April 21, 1994
Operator's
2) Well No. G. V. REILLY #N-19
3) SIC Code _____
4) API Well No. 47 - 103 - 1632
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 | 7 (i) COAL OPERATOR <u>N/A</u>
Address _____ |
| (i) Name <u>WV Public Land Corporation</u>
Address <u>Bldg. #3, Room 643</u>
<u>1900 Kanawha Blvd. E.</u> | 7 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____ |
| (ii) Name <u>Charleston, WV 25305</u>
Address _____
<u>Dep't. of Natural Resources</u> | 7 (iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____ |
| (iii) Name <u>1304 Goose Run Road</u>
Address <u>Fairmont, WV 26554</u>
Attn: <u>Gary Foster</u> | |

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 on 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-6; 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.

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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 P. Roush
Its Supervisor, Surveying/Mapping
Telephone (304) 422-6565

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-103-1632-F

Date April 7th. 1997

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and (if required) construction and reclamation plan, subject to any modifications and conditions specified below.

Permit expires 4-7-99 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <u>MS</u>	Casing: <u>MS</u>	Fee: <u>0301589+24</u>
---	--	-----------------	-------------------	------------------------

[Signature]

CHIEF, OFFICE OF OIL AND GAS

NOTE: Keep one copy of this permit posted at the drilling location.

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

OFFICE USE ONLY

This part of Form IV-3(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Follow-up inspection(s)	Date(s)
Application received			
Well work started		" "	
Total depth reached		" "	
Well Record received		" "	
Reclamation completed		" "	

OTHER INSPECTIONS

Reason: _____

Reason: _____