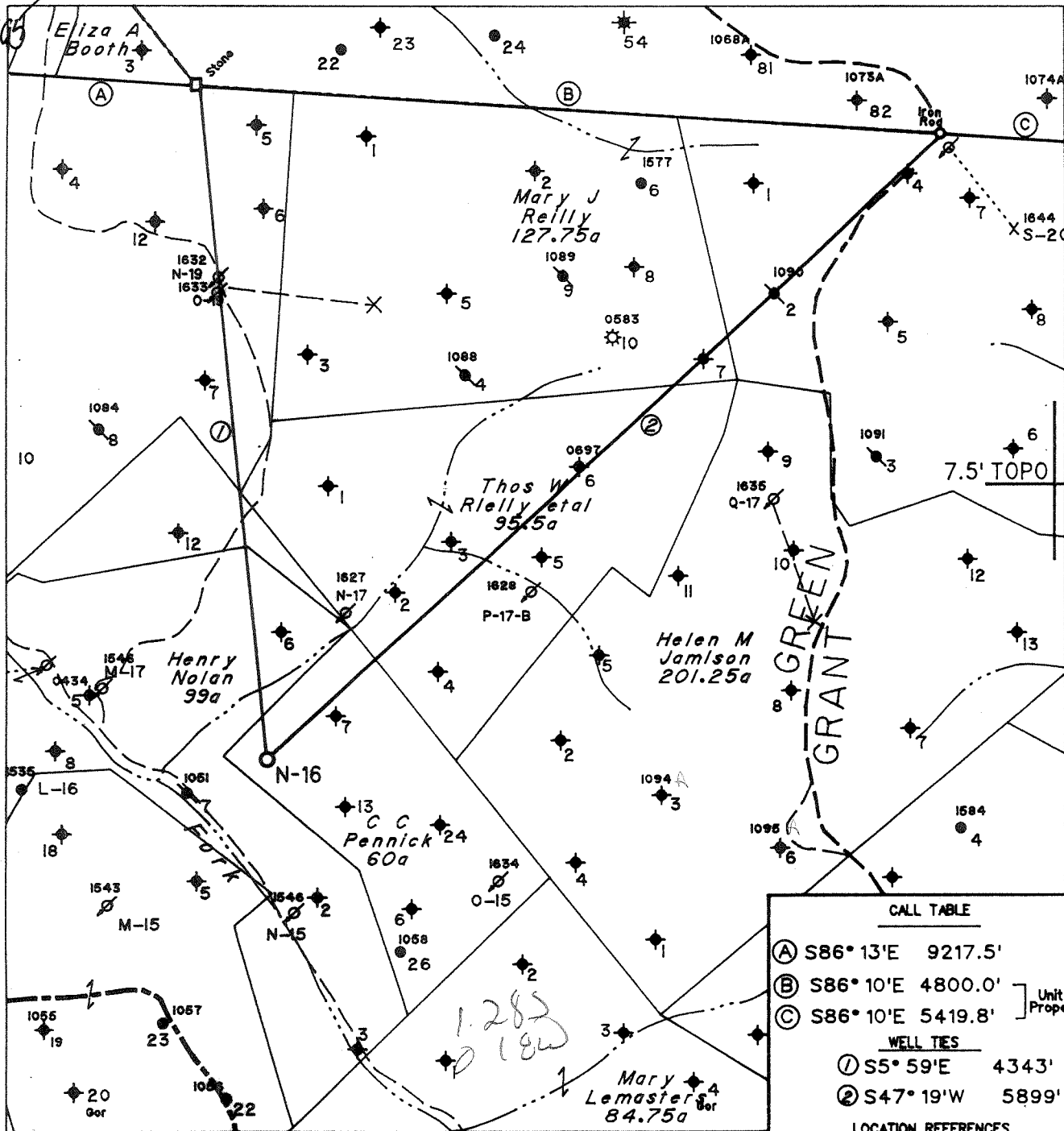


James
5/23/95



1285
018W

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

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

CALL TABLE	
Ⓐ	S86° 13'E 9217.5'
Ⓑ	S86° 10'E 4800.0'
Ⓒ	S86° 10'E 5419.8'

Unit Line & Property Line

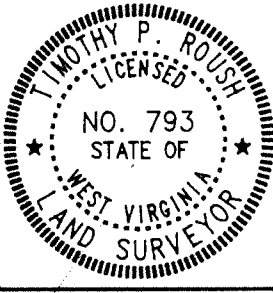
WELL TIES	
①	S5° 59'E 4343'
②	S47° 19'W 5899'

LOCATION REFERENCES	
N63° 27'E 140' 6" Poplar	
S22° 23'E 137' 8" Maple	

FILE NO. 573
 MAP NO. N58 N 3 S E W 3
 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 April 21, 19 95
 FARM C.C. Pennick NO. N-16
 API WELL NO. 47-103-1680

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1127' WATERSHED Piney Fork
 DISTRICT Green COUNTY Wetzel
 QUADRANGLE Centerpoint 415 N 0

SURFACE OWNER State of West Virginia ACREAGE 60 Ac.
 OIL & GAS ROYALTY OWNER Pennzoil Products Co. et al. LEASE ACREAGE 60 Ac.
 LEASE NO. 15773 -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 3120'
 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 30 1995

RECEIVED
WV Division of
Environmental Protection

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: WV Public Land Co.

Operator Well No.: CC Pennick N-16

LOCATION: Elevation: 1,127.00

Quadrangle: Center Point

District: Green

County: Wetzel

Latitude: 6,700 Feet south of 39 Deg 30 Min 0 Sec.

Longitude: 900 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: 5/22/95

Well work Commenced: 9/20/95

Well work Completed: 6/3/96

Verbal plugging

Permission granted on:

Rotary X Cable _____ Rig _____

Total Depth (feet) 3173'

Fresh water depths (ft) NA

Salt water depths (ft) NA

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"	396'	396'	200 Sacks
4 1/2"	3102.35'	3102.35'	170 Sacks

OPEN FLOW DATA

*Well was drilled as a waterflood producer. No open-flow data was obtained

Producing formation Gordon Pay zone depth (ft) 2982-3042

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: [Signature]

Date: 11/12/96

NOV 22 1996

Treatment :

Perforations:

3024-3034 - 4 holes/ft. (40 holes)

Treatment:

**Treated via 4.5" Casing with 300 gals. 15% HCl, 279 bbls.
gelled water and 15,000 lbs. of 20/40 sand.**

Well Log :

Sand & Shale	0	-	1738
Sand	1738	-	1831
Shale	1831	-	2202
Sand	2202	-	2274
Sand & Shale	2274	-	2618
Sand	2618	-	2680
Shale	2680	-	2982
Gordon	2982	-	3042
TD	3173		

RECEIVED
WV Division of
Environmental Protection

APR 26 1995

- 1) Date: April 24, 1995
- 2) Operator's well number
C. C. Pennick No. N-16
- 3) API Well No: 47 - 103 - 1680
State - County - Permit

Permitting STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
Office of Oil & Gas

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
 - (a) Name WV Public Land Corp.
 - Address Bldg. #3, Room 643
1900 Kanawha Blvd. East
 - (b) Name Charleston, WV 25305
 - Address _____
 - (c) Name Dep't. of Natural Resources
 - Address 1304 Goose Run Road
Fairmont, WV 26554
Attn: Gary Foster
- 6) Inspector Mr. Mike Underwood
- Address Rt. #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
 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 Pennzoil 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 24th day of April, 1995

Michael Bailey Notary Public
 My commission expires June 10, 1997