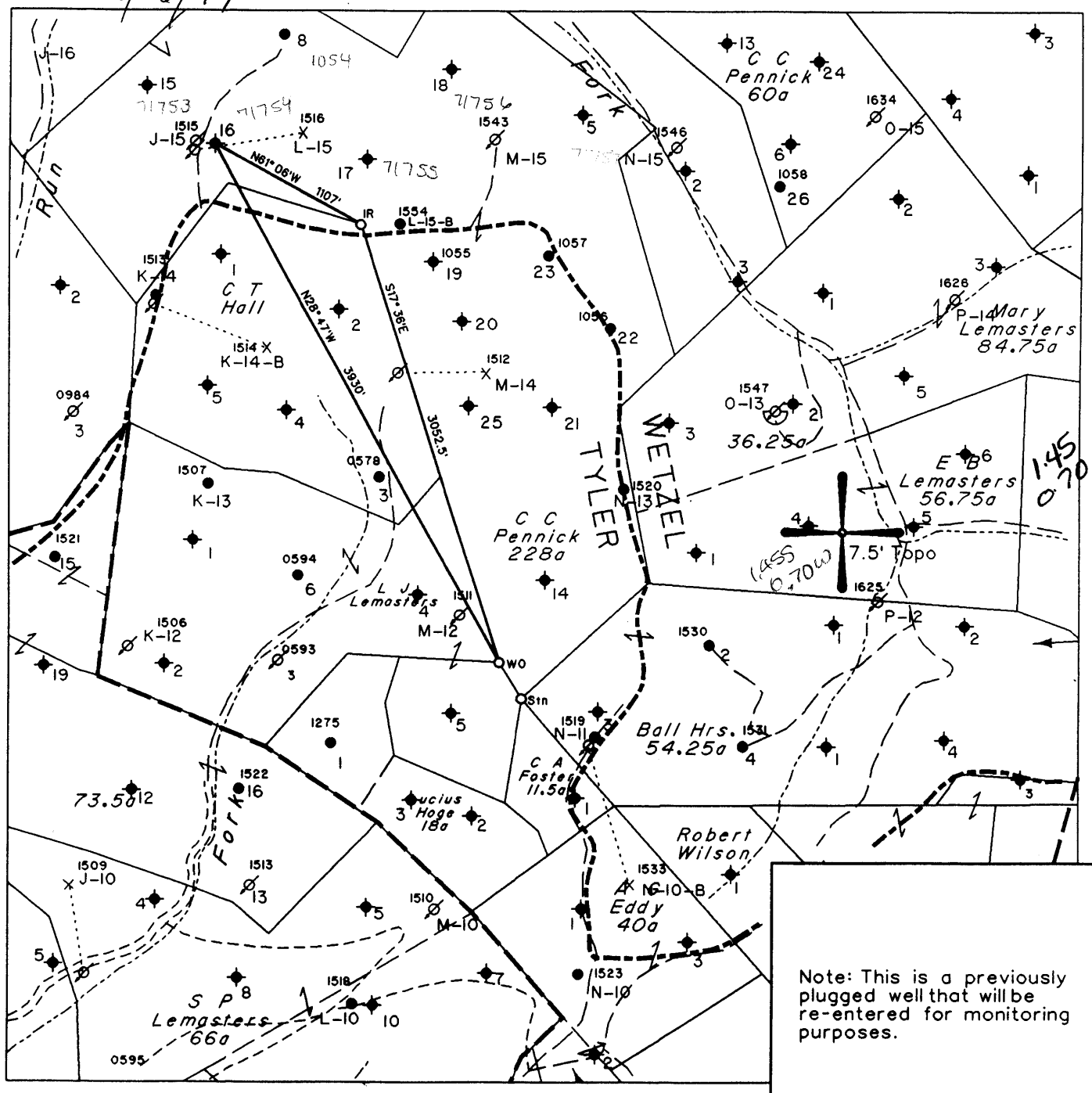


GS 6/26/97



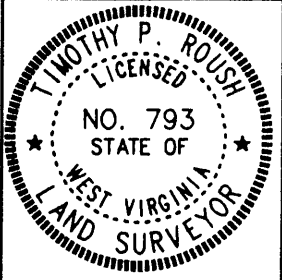
Note: This is a previously plugged well that will be re-entered for monitoring purposes.

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

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



WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506



DATE June 19, 1997
 FARM C.C. Pennick NO. 16
 API WELL NO. 47-103-0174NW

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL MONITORING
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1339' WATERSHED Lefthand Fork
 DISTRICT Green COUNTY Wetzel
 QUADRANGLE Centerpoint

Locs: 103 71754

SURFACE OWNER State of West Virginia ACREAGE 228 Ac.
 OIL & GAS ROYALTY OWNER Pennzoil Products Co. et.al. LEASE ACREAGE 228 Ac.
 LEASE NO. 15688-50

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Pre 1929 Well

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION Fresh Water Zones ESTIMATED DEPTH 690'
 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

drilled in 1899
 8-0 (895)
 JUL 14 1997

WR-35

3-Jul-97
API # 47 -103- 1741 W

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.: C.C. Pennick No. 16
LOCATION: Elevation: 1,339.00 Quadrangle: Center Point
District: Green County: Wetzel
Latitude: 7,650 Feet south of 39 Deg 30 Min 00 Sec.
Longitude: 3,750 Feet west of 80 Deg 40 Min 00 Sec.

RECEIVED
Office of Oil & Gas
UIC Section
NOV 02 1998
WV Division of
Environmental Protection

Company: PENNZOIL EXPLORATION & PROD. CO.
P.O. BOX 5519
VIENNA, WV 26105-5519

Agent: PHILIP S. ONDRUSEK
Inspector: Mike Underwood
Permit Issued: 7/3/97
Well work Commenced: 6/19/97
Well work Completed: 7/23/97
Verbal plugging permission granted on:
Rotary Cable X Rig
Total Depth (feet) 838'
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 Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8"	432'	432'	180 Sacks
5"	692'	692'	380 Sacks
2 3/8"	679'	679'	

OPEN FLOW DATA *Well was re-drilled as a waterflood monitoring well.

Producing formation	Fresh Water Zones	Pay zone depth (ft)
Gas: Initial open flow	* MCF/d	Oil: Initial open flow
Final open flow	* MCF/d	Final open flow
Time of open flow between initial and final tests	*	Hours
Static rock pressure	* psig (surface pressure)	after
Second producing formation		Pay zone depth (ft)
Gas: Initial open flow	MCF/d	Oil: Initial open flow
Final open flow	MCF/d	Final open flow
Time of open flow between initial and final tests		Hours
Static rock pressure	psig (surface pressure)	after

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: 11/2/98

1741 W

Treatment :

Perforations:
Treatment:

Well Log :

TD = 838'

103-1741-0

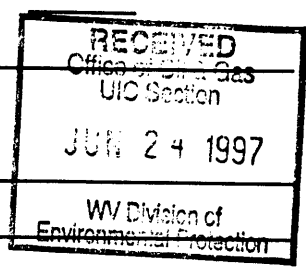
was: 103 71754

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Issued 07/10/97
Expires 07/10/99 (5) 286
37450

23918

- 1) Well Operator: Pennzoil Products Company
- 2) Operator's Well Number: C.C. Pennick No. 16 3) Elevation 1339
- 4) Well Type: (a) Oil _____ or Gas _____ Observation X
(b) If Gas: Production _____ Underground Storage _____
- 5) Proposed Target Formation(s): Fresh Water Zones
- 6) Proposed Total Depth: 690' feet
- 7) Approximate fresh water strata depths: NA
- 8) Approximate salt water depths: NA
- 9) Approximate coal seam depths: NA
- 10) Does land contain coal seams tributary to active mine? Yes _____ No X
- 11) Proposed Well Work: Redrill P&A well to below fresh water & set casing to surface for observation well



12) CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		Weight Per Ft.	FOOTAGE INTERVALS		CEMENT
	Size	Grade		For Drilling	Left in Well	
Conductor						30CSR/8M.3
Fresh Water	4 1/2"	J-55	10.5	680'	680'	Cement to Surface
Coal						30CSR/8M.2.2
Intermediate						
Production						30CSR/8M.1
Tubing	2 3/8"			680'	680'	For Fluid Levels
Liners						

Packers: Kind _____
 Sizes _____
 Depths set _____

For Office of Oil and Gas Use Only

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

301712844
20

10

Office of Oil & Gas
UIC Section
JUN 24 1997

1) Date: June 19, 1997
2) Operator's Well Number
C.C. Pennick No. 16
3) API Well No: 47 - 103 - 1741-W
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 State of WV - Public Land Corp.
Address Building 3, Room 643
1900 Kanawha Blvd. East
(b) Name Charleston, WV 25305
Address _____
(c) Name _____
Address _____
6) Inspector Mike Underwood
Address Route 2, Box 135
Salem, WV 26426
Telephone (304) - 782-1043

5) (a) Coal Operator:
Name NA
Address _____
(b) Coal Owner(s) with Declaration
Name NA
Address _____
Name _____
Address _____
(c) Coal Lessee with Declaration
Name NA
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)

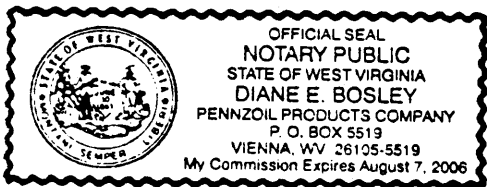
I certify that as required under Chapter 22 of the West Virginia Code I have served copies
of this notice and application, a location plat, and accompanying documents pages 1 through 4
on the above-named parties, by:

 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 26105-5519
Telephone (304) 422-6565

Subscribed and sworn before me this 20th day of June, 1997
Diane E. Bosley Notary Public
My commission expires August 7, 2006