



1) Date: September 30, 19 83
 2) Operator's Well No. P--15
 3) API Well No. 47 - 107 - 1289
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil X / Gas X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 600' Watershed: Little Kanawha River
 District: Slate County: Wood Quadrangle: Kanawha 7 1/2'
- 6) WELL OPERATOR PRENCO
 Address P.O. Box 91
Mineral Wells, WV 26150
- 7) DESIGNATED AGENT Denzil L. Prather
 Address P.O. Box 91
Mineral Wells, WV 26150
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Sam Hersman
 Address ~~XXXXXX~~ P. O. Box 66
Smithville, WV 26178
- 9) DRILLING CONTRACTOR:
 Name W. H. Putnam
 Address Box 647
Marietta, OH 45750
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Berea
- 12) Estimated depth of completed well, 2100 feet
- 13) Approximate trata depths: Fresh, 30 feet; salt, ? feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes _____
- 15) CASING AND TUBING PROGRAM

RECEIVED
 OCT - 5 1983

OIL & GAS DIVISION
 DEPT. OF MINES

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	F-25	20#	X			200	Surface	By Rule 15.05
Production	4 1/2	J-55	10.5#	X			2100	210 sks.	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-107-1289

Date October 14, 19 83

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 reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires October 14, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>SINGLE ATTACHED</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>440</u>
---------------------------------	------------------------------	-----------------------------	-------------------------------	--------------------

[Signature]
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

1) APPROXIMATE COAL STRATA DEPTH: _____

2) APPROXIMATE TARGET DEPTH: _____

3) APPROXIMATE TARGET DEPTH: _____

4) APPROXIMATE TARGET DEPTH: _____

5) APPROXIMATE TARGET DEPTH: _____

6) APPROXIMATE TARGET DEPTH: _____

7) APPROXIMATE TARGET DEPTH: _____

8) APPROXIMATE TARGET DEPTH: _____

9) APPROXIMATE TARGET DEPTH: _____

10) APPROXIMATE TARGET DEPTH: _____

11) APPROXIMATE TARGET DEPTH: _____

12) APPROXIMATE TARGET DEPTH: _____

13) APPROXIMATE TARGET DEPTH: _____

14) APPROXIMATE TARGET DEPTH: _____

15) APPROXIMATE TARGET DEPTH: _____

RECEIVED

DEPT. OF MINES

OIL & GAS DIVISION

SEP 29 1983

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____

Agent	Fee	Other	Other

09/29/2020

1) Date: September 30, 1983
2) Operator's Well No. P-15
3) API Well No. 47 107
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

1) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Mrs. Estella Neal
Address 209 Fort Boreman Ave., SS
Parkersburg, WV 26101

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5(i) COAL OPERATOR None
Address _____

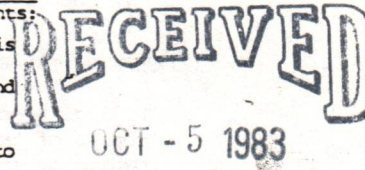
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____

Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-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 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 IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

OIL & GAS DIVISION
DEPT. OF MINES

Take notice that under Chapter 22 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 Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-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 Administrator.

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included in the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by
Denzil L. Prather

WELL OPERATOR PRENCO
By Denzil L. Prather
Its Designated Agent
Address P. O. Box 91
Parkersburg, WV 26150
Telephone 304/489-2221

this 30 day of September, 19 83.
My commission expires 6/12, 19 90.

Elizabeth J. Snyder
Notary Public, Wood County,
State of West Virginia

09/29/2023

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>Page</u>
Mrs. Estella Neal	Adena Petroleum, Inc.	1/8	749	394



1) Date: September 30, 19 83
 2) Operator's Well No. P--15
 3) API Well No. 47 State 107 County 107 Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow /)
- 5) LOCATION: Elevation: 600' Watershed: Little Kanawha River
 District: Slate County: Wood Quadrangle: Kanawha 7 1/2'
- 6) WELL OPERATOR: PRENCO
 Address: P.O. Box 91
Mineral Wells, WV 26150
- 7) DESIGNATED AGENT: Denzil L. Prather
 Address: P.O. Box 91
Mineral Wells, WV 26150
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name Sam Hersman
 Address: XXXXXX/P. O. Box 66
Smithville, WV 26178
- 9) DRILLING CONTRACTOR: Name W. H. Putnam
 Address: Box 647
Marietta, OH 43750
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, _____
- 12) Estimated depth of completed well, Berea feet
2100
- 13) Approximate trata depths: Fresh, _____ feet; salt, _____ feet.
- 14) Approximate coal seam depths: 30 Is coal being mined in the area? Yes / No
- 15) CASING AND TUBING PROGRAM None

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling		Left in well	Kinds
Conductor									
Fresh water									
Coal									
Intermediate									
Production	<u>8 5/8</u>	<u>F-25</u>	<u>20#</u>	<input checked="" type="checkbox"/>			<u>200</u>	<u>Surface</u>	
Tubing	<u>4 1/2</u>	<u>J-55</u>	<u>10.5#</u>	<input checked="" type="checkbox"/>			<u>2100</u>	<u>210 sks.</u>	<u>depth 12.05</u>
Liners									

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of the filing of the Application.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19 _____

By: _____

Its: _____

09/29/2023
Coal Owner



1) Date: September 30, 19 83
 2) Operator's Well No. P--15
 3) API Well No. 47 State 107 County _____ Permit _____

**STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow)
- 5) LOCATION: Elevation: 600' Watershed: Little Kanawha River
 District: Slate County: Wood Quadrangle: Kanawha 7 1/2'
- 6) WELL OPERATOR PRENCO Address P.O. Box 91 Mineral Wells, WV 26150
- 7) DESIGNATED AGENT Denzil L. Prather Address P.O. Box 91 Mineral Wells, WV 26150
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Sam Hersman Address XXXXXX/P. O. Box 66 Smithville, WV 26178
- 9) DRILLING CONTRACTOR: Name W. H. Putnam Address Box 647 Marietta, OH 45750
- 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Berea
- 12) Estimated depth of completed well, 2100 feet
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- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well			
Conductor										Kinds
Fresh water										
Coal										Sizes
Intermediate	<u>8 5/8</u>	<u>F-25</u>	<u>20#</u>	<input checked="" type="checkbox"/>			<u>200</u>	<u>Surface</u>		
Production	<u>4 1/2</u>	<u>J-55</u>	<u>10.5#</u>	<input checked="" type="checkbox"/>			<u>2100</u>	<u>210 sks.</u>		Depths set
Tubing										
Liners										Perforations:
										Top Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____

Estelle B. Neal Date: 9/30/83
 (Signature)

By _____

 (Signature) Date: _____

Its _____ Date _____

09/29/2023
 Surface Owner

**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (**NOTE:** If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- “(1) The proposed well work will constitute a hazard to the safety of persons; or
- “(2) The plan for soil erosion and sediment control is not adequate or effective; or
- “(3) Damage would occur to publicly owned lands or resources; or
- “(4) The proposed well work fails to protect fresh water sources or supplies.”

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.



IV-9
(Rev 8-81)

DATE Sept. 30, 1983

WELL NO. P-15

State of West Virginia

API NO. 47 - 107 - 1289

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PRENCO
Address Box 91, Mineralwells WV
Telephone 489-2221/2222

DESIGNATED AGENT Denzil L. Prather
Address Same
Telephone _____

LANDOWNER George B. Neal Heirs
Revegetation to be carried out by Darrell Null

SOIL CONS. DISTRICT Little Kanawha
(Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 9-30-83

(Date)
Jarrett Newton
(SCD Agent)

RECEIVED

OCT - 5 1983

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)
Spacing _____
Page Ref. Manual 2-12

Structure Diversion Ditch OIL & GAS DIVISION
Material Earth DEPT. OF MINES
Page Ref. Manual 2-12

Structure Culvert (B)
Spacing 16" diameter
Page Ref. Manual 2-7

Structure Rip-rap (2)
Material Logs
Page Ref. Manual 2-10

Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure Filter strip (3)
Material undisturbed vegetation
Page Ref. Manual 2-16

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 450 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 1.5 Tons/acre
Seed* Ky 31 Fescue 30 lbs/acre
Crown Vetch 10 lbs/acre
Perennial Ryegrass 30 lbs/acre

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 450 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 1.5 Tons/acre
Seed* Ky 31 Fescue 30 lbs/acre
Perennial Ryegrass 30 lbs/acre
Crown Vetch 30 lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY David W. Batten


ADDRESS P.O. Box 91
Mineralwells, WV 26150

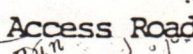
PHONE NO. 489-2221/2222

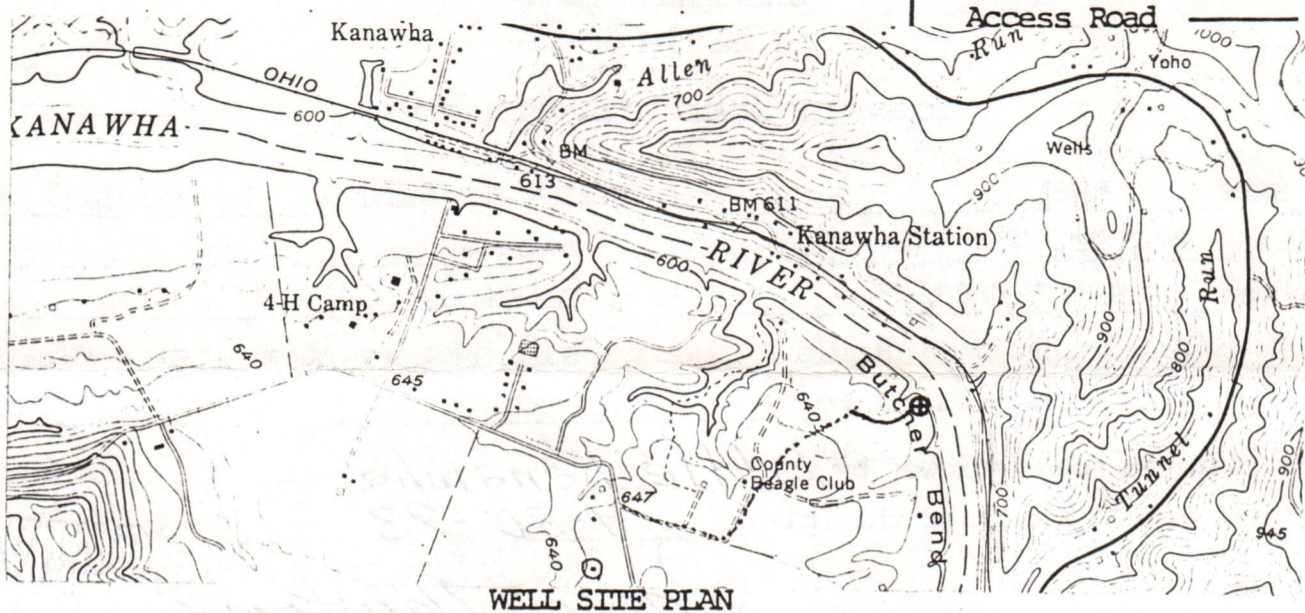
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Kanawha 7 $\frac{1}{2}$ '

LEGEND





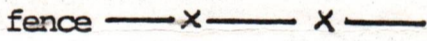




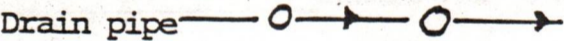

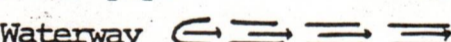
Well Site 

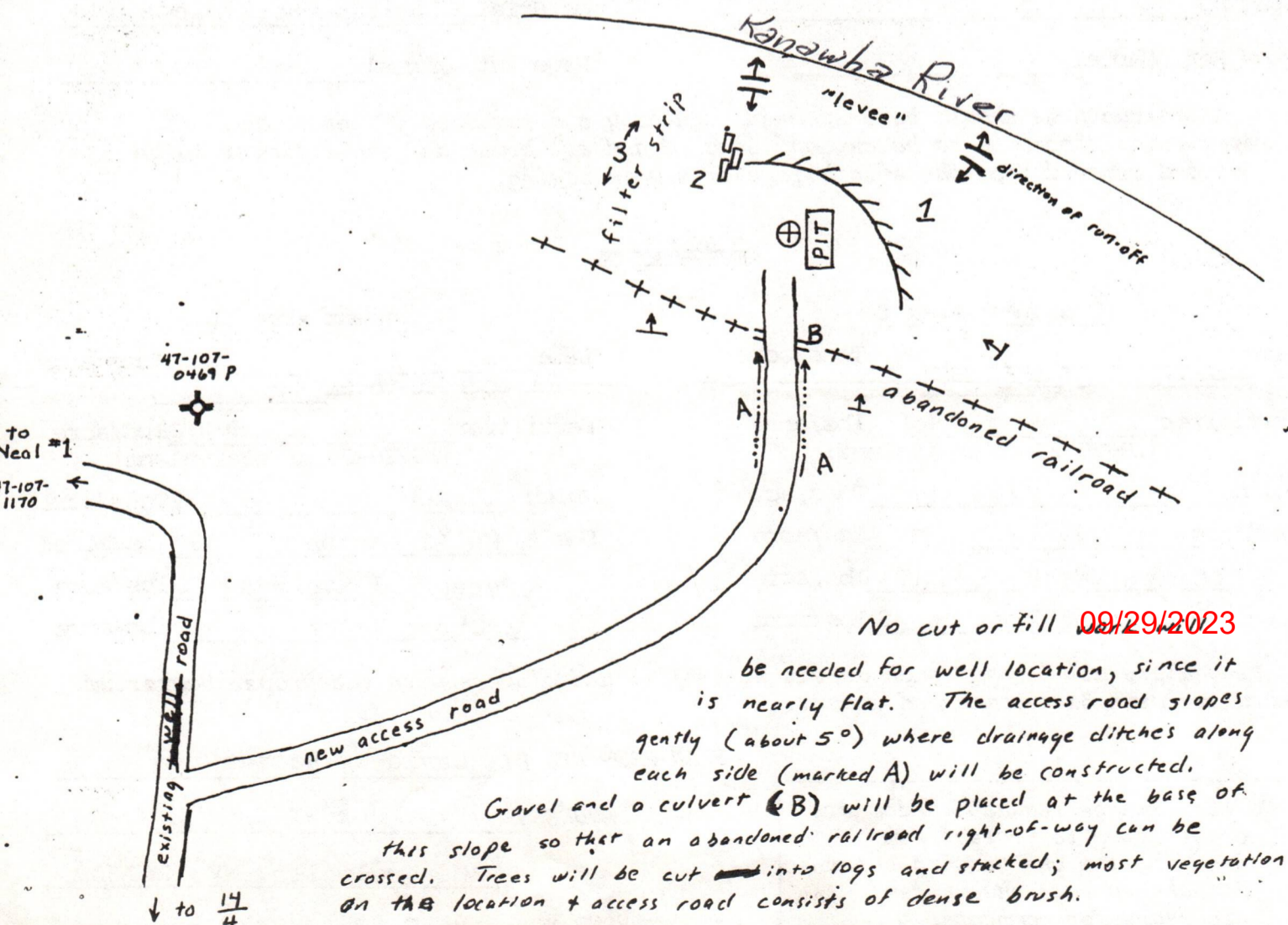
Access Road 



Sketch to include well location, existing access road, roads to be constructed, wellsite drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



No cut or fill 09/29/2023
 be needed for well location, since it
 is nearly flat. The access road slopes
 gently (about 5°) where drainage ditches along
 each side (marked A) will be constructed.
 Gravel and a culvert (B) will be placed at the base of
 this slope so that an abandoned railroad right-of-way can be
 crossed. Trees will be cut into logs and stacked; most vegetation
 on the location & access road consists of dense brush.

IV-35
(Rev 8-81)

RECEIVED
JUN 22 1984
OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date June 14, 1984
Operator's Well No. P-15
Farm George B. Neal heirs
API No. 47-107-1289

RECEIVED
JUL 11 1984

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil XX / Gas XX / Liquid Injection / Waste Disposal
(If "Gas," Production / Underground Storage / Deep / Shallow XX)

OIL & GAS DIVISION
DEPT. OF MINE

LOCATION: Elevation: 600' Watershed Little Kanawha River
District: Slate County Wood Quadrangle Kanawha 7 1/2'

COMPANY PRENCO
ADDRESS Box 91, Mineralwells WV 26150
DESIGNATED AGENT Denzil L. Prather
ADDRESS Same
SURFACE OWNER George B. Neal heirs
ADDRESS Parkersburg, WV 26101
MINERAL RIGHTS OWNER Same as above
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK Jerry Tephabock ADDRESS Ripley, WV
PERMIT ISSUED Oct. 14, 1983
DRILLING COMMENCED Oct. 22, 1983
DRILLING COMPLETED Oct. 26, 1983
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cond.			
13-10"	60'	60'	50 sk
9 5/8			
8 5/8	218'	218'	60 sk
7			
5 1/2			
4 1/2		2196'	190 sk
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Berea Depth 2100 feet
Depth of completed well 2194 feet Rotary XX / Cable Tools _____
Water strata depth: Fresh n/a feet; Salt n/a feet
Coal seam depths: none Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Berea Pay zone depth 2060-2064 feet
Gas: Initial open flow --- Mcf/d Oil: Initial open flow --- Bbl/d
Final open flow 50 Mcf/d Final open flow 4 Bbl/d
Time of open flow between initial and final tests --- hours
Static rock pressure 500 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

09/29/2023

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

11/2/83: perforated Berea, 2060-2064, with 12 holes.

11/3/83: fractured Berea with 520 bbl water, 500 gal MOD 202 acid, 20,000# 20/40 mesh sand.

WELL LOG

taken from gamma ray log

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
soil, gravel, clay			0	40	
sandstone			40	72	
siltstone and shale			72	210	
sandstone			210	230	
siltstone, sandstone			230	394	
sandstone			394	433	
siltstone, shale			433	920	
sandstone			920	962	
shale			962	975	
sandstone, dolomite			975	1010	
shale			1010	1022	
sandstone			1022	1073	
shale, siltstone			1073	1370	
sandstone			1370	1430	
shale, sandstone			1430	1448	
sandstone			1448	1472	
shale			1472	1485	
sandstone			1485	1563	
limy dolomite			1563	1600	"Big Lime"
sandstone			1600	1655	"Big Injun"
shaly siltstone			1655	1669	
sandy siltstone			1669	1676	
shaly siltstone			1676	2044	
shale			2044	2060	
sandstone, siltstone			2060	2067	sl oil show
shaly siltstone			2067	2202	TD

(Attach separate sheets as necessary)

PRENCO

Well Operator

By: David W. Batten

09/29/2023
Geologist

Date: June 14, 1984

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

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OCT 21 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 1071289

Oil or Gas Well _____
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County <u>Wood</u> Drilling commenced <u>10 20 83</u> Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer _____ Size of _____ Depth set _____ Perf. top _____ Perf. bottom _____ Perf. top _____ Perf. bottom _____
	16			
	13			
	10			
	8 1/4			
	6 3/8			
	5 3/16			
	3			
	2			
	Liners Used			

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
NAME OF SERVICE COMPANY _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: 10 20 83 Started Drilling

10 21 83
DATE

Joseph T. [Signature]
09/29/2023
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

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INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES
Oil or Gas Well (KIND)

Permit No. 107 1289

Company <u>Drewco</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Mitwood wells av.</u>	Size			
Farm <u>Neal Heirs</u>	16			Kind of Packer
Well No.	13			
District _____ County _____	10			Size of
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 1/2			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: 10 22 83 Ran 218 feet 8 5/8" pipe 228' Kb Cement to Surface by
5200 attach 9 calibrator 60SKS class A + 3% cal + 1/4" block. plug down
Permit Records 9:10 AM.

10 22 83 Drill 17" 40/62' Ran 59 feet 1 1/4" in Conductor
50SKS + 3% cal 1/4" block

10 25 83 10 25 83 1673' Broke Down
2:15 pm.

DATE _____

Jerry [Signature] 09/29/2023
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

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NOV 9 - 1983

OIL & GAS DIVISION
INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 1071289

Oil or Gas Well _____
(KIND)

Company <u>Precco</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Weq/</u>	16			Kind of Packer _____
Well No. _____	13			
District _____ County <u>WOOD.</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: 102483 Ran 2156.3' Kbrn 4 1/2" CSG. Count 1905 Ks 50/50
p82 up to 1100 feet 35 Ks 5e/ 10 lb Salt.
12 1/2 lb Silbomite per SK.

11/183
DATE

George Teph...
09/29/2023
DISTRICT WELL INSPECTOR

RECEIVED
JUL 11 1984

Date: July 10, 1984

Operator's Well No. P-15

API Well No. 47 - 107 - 1289
State County Permit

OIL & GAS DIVISION
DEPT. OF MINES
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

WELL OPERATOR'S REPORT
OF
INITIAL GAS-OIL RATIO TEST

WELL OPERATOR PRENCO DESIGNATED AGENT Denzil L. Prather
Address Box 91 Address same
Mineralwells WV 26150

GEOLOGICAL TARGET FORMATION: Berea Depth 2100 feet
Perforation Interval 2060-2064 feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 21.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA				
START OF TEST-DATE <u>12-6-83</u>	TIME <u>0900</u>	END OF TEST-DATE <u>12-6-83</u>	TIME <u>1500</u>	DURATION OF TEST <u>6 hours</u>
TUBING PRESSURE <u>20 psi</u>	CASING PRESSURE <u>300 psi</u>	SEPARATOR PRESSURE <u>n/a</u>	SEPARATOR TEMPERATURE <u>n/a</u>	
OIL PRODUCTION DURING TEST <u>8.72</u> bbls.	GAS PRODUCTION DURING TEST <u>(est)40</u> Mcf	WATER PRODUCTION DURING TEST & SALINITY <u>trace</u> bbls. <u>n/a</u> ppm.		
OIL GRAVITY <u>n/a</u> <u>40.00</u> °API	PRODUCING METHOD (Flowing, pumping, gas lift, etc.) <u>flowing</u>			

GAS PRODUCTION		
MEASUREMENT METHOD: FLANGE TAP <input type="checkbox"/> PIPE TAP <input type="checkbox"/> L-10 <input type="checkbox"/>	POSITIVE CHOKE <input checked="" type="checkbox"/> CRITICAL FLOW PROVER <input type="checkbox"/>	
ORIFICE DIAMETER <u>1/8"</u>	PIPE DIAMETER (INSIDE DIAM.) <u>2"</u>	NOMINAL CHOKE SIZE - IN. <u>n/a</u>
DIFFERENTIAL PRESSURE RANGE <u>n/a</u>	MAX. STATIC PRESSURE RANGE <u>n/a</u>	PROVER & ORIFICE DIAM. - IN. <u>n/a</u>
DIFFERENTIAL <u>n/a</u>	STATIC <u>n/a</u>	GAS GRAVITY (Air-1.0) MEASURED <u>n/a</u> ESTIMATED <u>n/a</u>
GAS GRAVITY (Air-1.0) <u>n/a</u>	FLOWING TEMPERATURE <u>n/a</u>	GAS TEMPERATURE <u>n/a</u> °F
24 HOUR COEFFICIENT <u>n/a</u>	24 HOUR COEFFICIENT <u>n/a</u> PRESSURE - <u>n/a</u> psia	

initial TEST RESULTS			
DAILY OIL <u>8.72</u> bbls.	DAILY WATER <u>trace</u> bbls.	DAILY GAS <u>est. 40</u> Mcf.	GAS-OIL RATIO <u>4587:1</u> SCF/STB

**
PRENCO
Well Operator

By: David W. Batter
Its: Geologist

09/29/2023



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AUG 21 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

COMPANY PRENCO
P.O. BOX 91
MINERAL WELLS, WV 26150

PERMIT NO 47-107-1289 (10-14-84)
FARM & WELL NO NEAL #P-15
DIST. & COUNTY SLATE/WOOD

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work		
25.04	Prepared before Drilling to Prevent Waste		
25.03	High-Pressure Drilling		
16.01	Required Permits at Wellsite		
15.03	Adequate Fresh Water Casing		
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing		
15.04	Adequate Cement Strength		
15.05	Cement Type		
23.02	Maintained Access Roads	X	
25.01	Necessary Equipment to Prevent Waste	X	
23.04	Reclaimed Drilling Pits	X	
23.05	No Surface or Underground Pollution	X	
23.07	Requirements for Production & Gathering Pipelines	X	
16.01	Well Records on Site		
16.02	Well Records Filed		
7.05	Identification Markings	X	

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Glen P. Robinson

DATE 14 AUGUST 1984

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. Robinson
Administrator-Oil & Gas Division

September 13, 1984

DATE

TMS/chm

TMS/

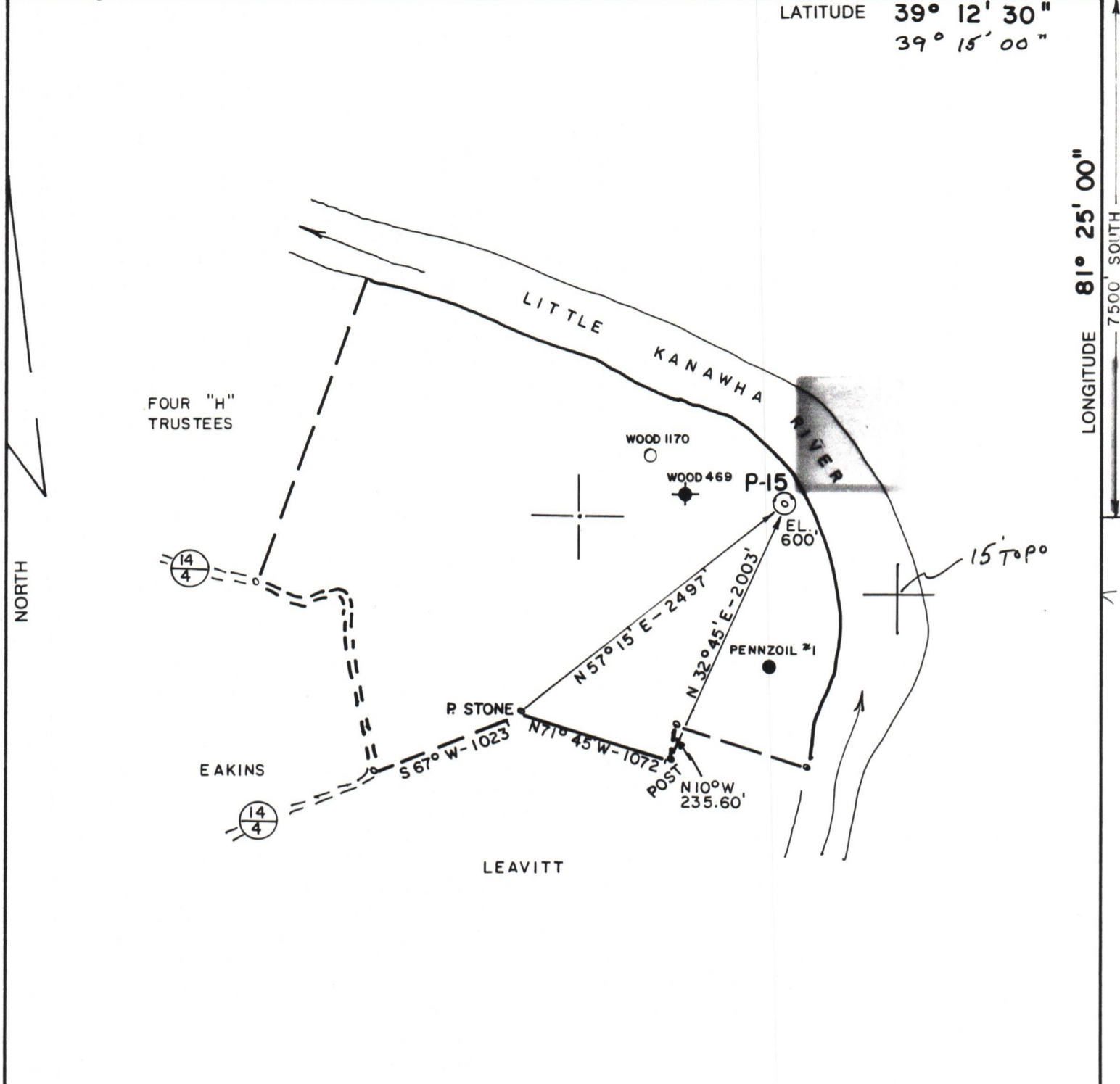
09/29/2023

08-10-7-83

7500' WEST

LATITUDE 39° 12' 30"
39° 15' 00"

LONGITUDE 81° 25' 00"



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

FILE NO. 83-532
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION WELL #1 (636')

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) *Chester B. Waterman*
 R.P.E. 3788 L.L.S. _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 9/28, 19 83
 OPERATOR'S WELL NO. P-15
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 600 WATER SHED LITTLE KANAWHA RIVER
 DISTRICT SLATE COUNTY WOOD

SURFACE OWNER GEORGE B. NEAL HEIRS ACREAGE 212
 OIL & GAS ROYALTY OWNER GEORGE B. NEAL HEIRS LEASE ACREAGE 212
 LEASE NO. 301

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 BEREA ESTIMATED DEPTH 2100'
 WELL OPERATOR PRENCO DESIGNATED AGENT DENZIL PRATHER
 ADDRESS P. O. BOX 91 ADDRESS SAME
MINERAL WELLS, WV 26150

COUNTY NAME WOOD
 PERMIT 1684

FORM IV-6 (8-78)
 H.T. HALL