



1) Date: February 29, 19 84
 2) Operator's Well No. 37
 3) API Well No. 47 - 039 - 4010
 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 / Gas / B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1850' Watershed: Kanawha River
 District: Cabin Creek County: Kanawha Quadrangle: Eskdale
- 6) WELL OPERATOR Allegheny & Western Energy Corp. 7) DESIGNATED AGENT Roland C. Baer
 Address P.O. Box 2587 Charleston, WV 25329
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name J. Holcomb Address RR1, Box 28 Hamlin, WV 25523
- 9) DRILLING CONTRACTOR: Name FWA Drilling Address Elkview, WV 25071
- 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, Weir & Devonian Shale
- 12) Estimated depth of completed well, 5550' feet
- 13) Approximate trata depths: Fresh, 600' feet; salt, 1600' feet.
- 14) Approximate coal seam depths: 1320' El. Is coal being mined in the area? Yes / No
- 15) CASING AND TUBING PROGRAM

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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		Kinds	By Rule
Conductor										
Fresh water	9-5/8"	SMLS	32	X		750'	750'	300 cts.		By Rule 15.05
Coal	7"	SMLS	23	X		3130'	3130'	200	Sizes	
Intermediate										Or as
Production Tubing	4 1/2"	SMLS	10.5	X		5550'	5550'	300 sks.	Depths set	required by Rule 15.01
Liners									Perforations:	Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-039-4010 Date March 30, 19 84

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 March 30, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: [Signature]	Plat: [Signature]	Casing: MLH	Fee: 003-086
---------------	--------------------	-------------------	-------------	--------------

[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) Date: _____
 2) Operator's Well No.: _____
 3) API Well No.: _____
 State: _____ County: _____

4) WELL LOCATION: B (Oil/Gas Production) / Underground storage / Deep / Shallow
 District: _____ County: _____
 Elevation: _____
 Watershed: _____

5) WELL OPERATOR: _____
 Address: _____
 Designated Agent: _____

6) OIL & GAS INSPECTOR TO BE NOTIFIED: _____
 Name: _____
 Address: _____

7) PROPOSED WELL WORK: Drill / Drill deeper / Retill / Stagnant / Plug off old formation / Forcible new formation
 Other physical change in well (specify): _____

8) GEOLOGICAL TARGET FORMATION: _____
 Estimated depth of completed well: _____
 Approximate true depth: Fresh / _____
 Approximate coal seam depth: _____
 Is coal being mined in the area? Yes / No

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DEPT. OF MINES
OIL & GAS DIVISION

Casing or Tubing Type	Size	Grade	Weight per ft.	Specifications		Footage Interval	Cement Slurry or Sacks (if not test)	Packers
				From	To			
Production								
Intermediate								
Coal								
Fresh water								
Condensate								

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 _____ Follow-up inspection(s) _____

Well work started _____

Completion of the drilling process _____

Well Record received _____

Reclamation completed _____

OTHER INSPECTIONS

Reason: _____

Reason: _____

Bond	Blanket	Agent	Plan	Casing	Fee
------	---------	-------	------	--------	-----

02/16/2024

FEB. 28 1984



IV-9
(Rev 8-81)

DATE 28 February, 1984
WELL NO. 37
API NO. 47 - 039 - 4010

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Allegheny & Western Energy DESIGNATED AGENT Roland G. Baer
Address P.O. Box 2587, Charleston, WV Address Box 2587, Charleston, WV 25329
Telephone 343-4327 Telephone 343-4327
LANDOWNER J.E. Watson III SOIL CONS. DISTRICT Capitol
Revegetation to be carried out by _____ Agent _____ (Agent)

This plan has been reviewed by Capitol SCD. All corrections
and additions become a part of this plan: _____
(Date) FEB. 28 1984

R. C. Alford
(SCD Agent)

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MAR 2 - 1984

ACCESS ROAD

OIL & GAS DIVISION
DEPT. OF MINES

Structure <u>Drain Ditch</u> (A)	Structure <u>Drilling pit</u> (1)
Spacing <u>Ditch Line</u>	Material <u>Earth-Plastic lined</u>
Page Ref. Manual <u>2-2</u>	Page Ref. Manual <u>2-12, 2-13 N/A</u>
Structure _____ (B)	Structure <u>Diversion Ditch</u> (2)
Spacing _____	Material <u>Earth</u>
Page Ref. Manual _____	Page Ref. Manual <u>2-12, 2-13</u>
Structure _____ (C)	Structure <u>Siltation barrier</u> (3)
Spacing _____	Material <u>Straw</u>
Page Ref. Manual _____	Page Ref. Manual <u>2-18</u>

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

Lime 3 Tons/acre
or correct to pH 6.5

Fertilizer 1000 lbs/acre
(10-20-20 or equivalent)

Mulch Straw 3 Tons/acre

Seed* Ky 31 50 lbs/acre
Annual Rye 30 lbs/acre
_____ lbs/acre

SAME AS AREA I

Treatment Area II

Lime _____ Tons/acre
or correct to pH _____

Fertilizer _____ lbs/acre
(10-20-20 or equivalent)

Mulch _____ Tons/acre

Seed* _____ lbs/acre
_____ lbs/acre
_____ lbs/acre

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

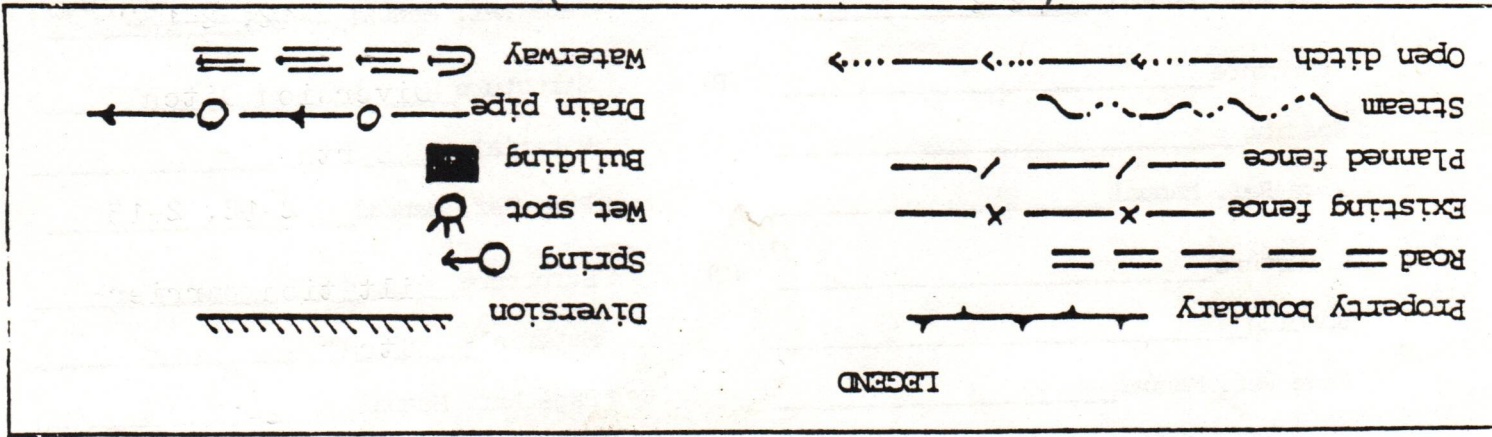
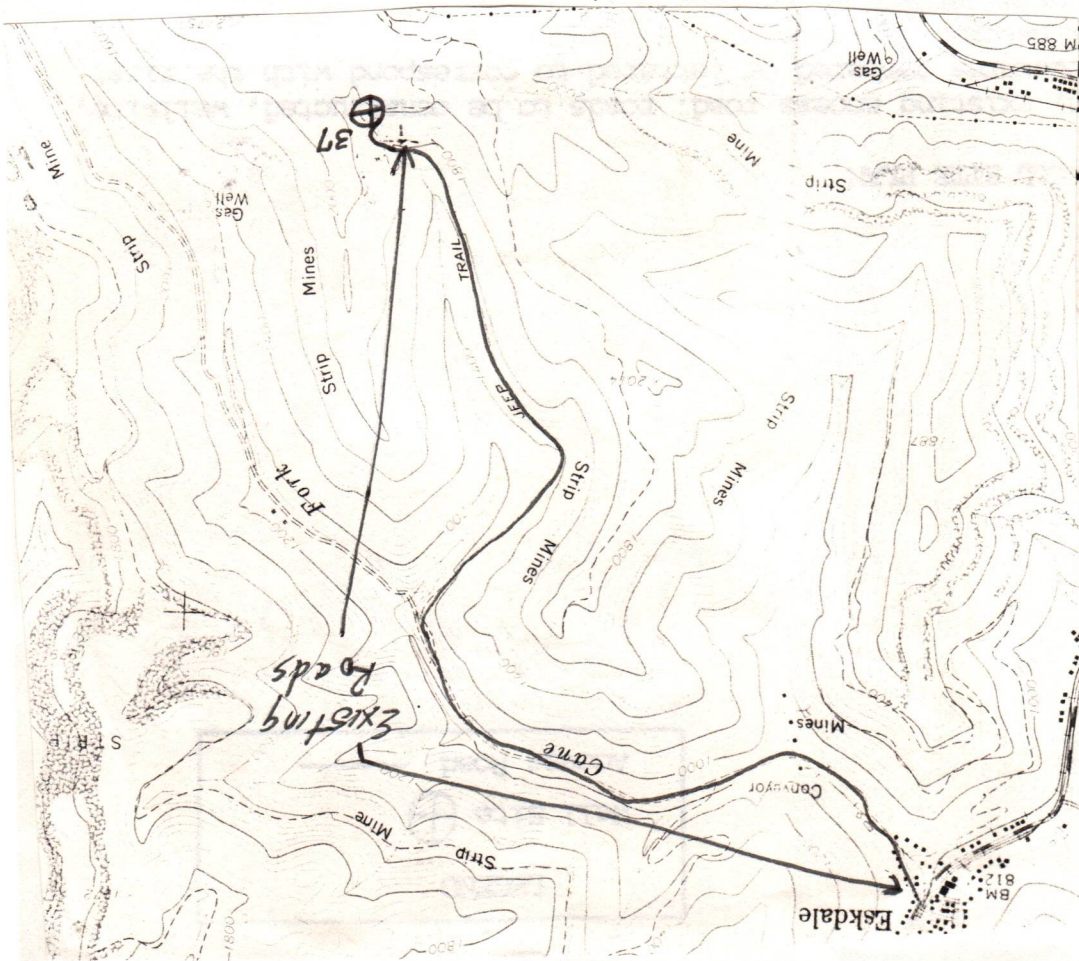
NOTES: Please request landowner's cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY William E. Bennett 02/16/2024
ADDRESS Box 2683
Charleston, WV 25330
PHONE NO. 345-0216

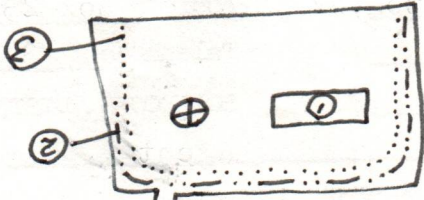
ATTACH OR PHOTO COPY SECTION 0 INVOLVED TOPOGRAPHIC MAP. TADRANGLE ESKDALE 7 1/2

02/16/2024

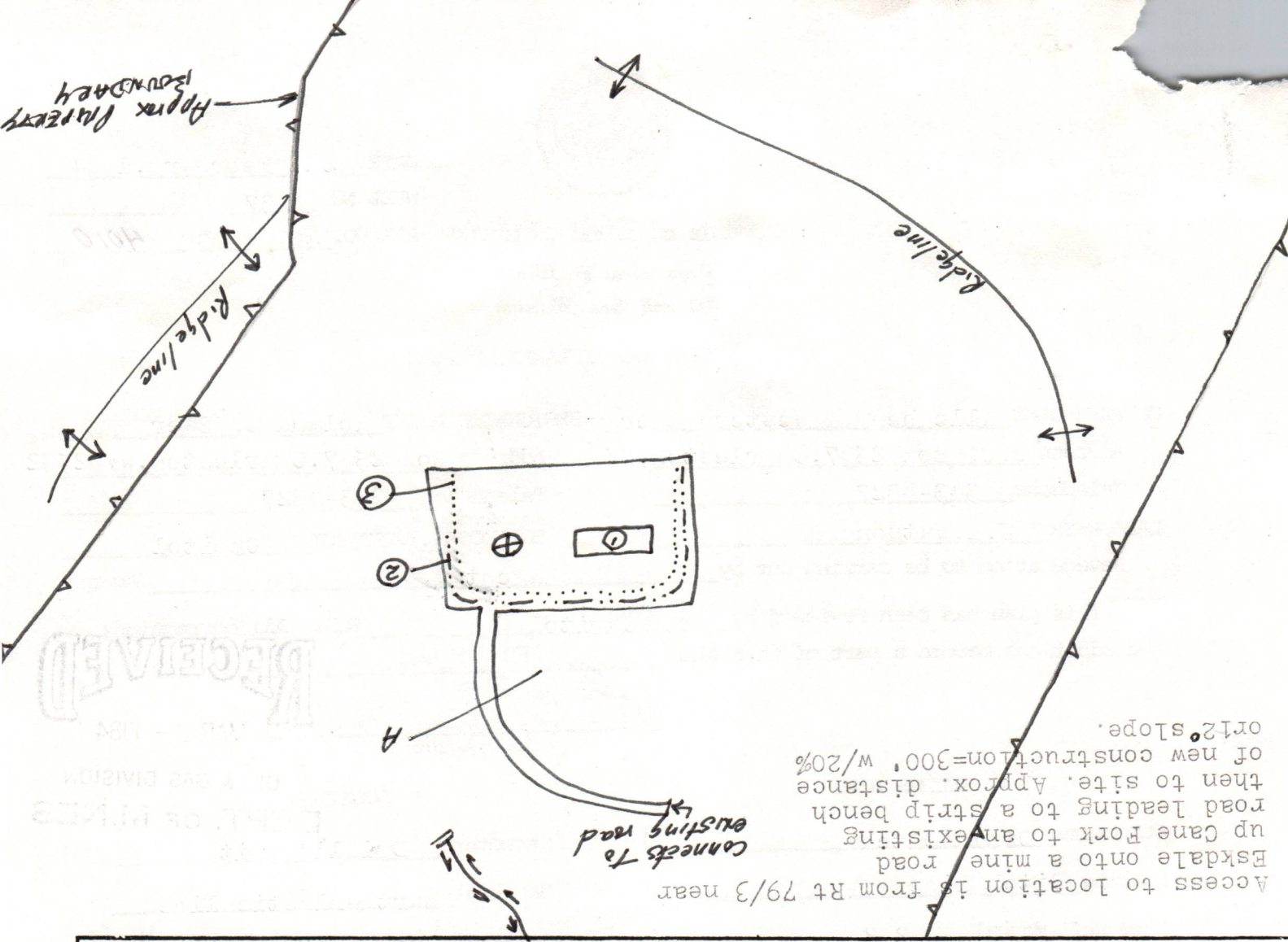
etch to include well location filling pits and necessary str part of this plan. Include al



Access to location is from Rt 79/3 near
 Eskdale onto a mine road
 up Cane Fork to an existing
 road leading to a strip bench
 then to site. Approx. distance
 of new construction = 300' w/20%
 or 12% slope.



Connects To
 existing road



RECEIVED

DEPT. OF MINES



1) Date: February 29, 19 84
 2) Operator's Well No. 37
 3) API Well No. 47 State 020 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 X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1850' Watershed: Kanawha River
 District: Cabin Creek County: Kanawha Quadrangle: Esdale
- 6) WELL OPERATOR Allegheny & Western Energy Corp. 7) DESIGNATED AGENT Roland C. Baer
 Address P.O. Box 2587 Address P.O. Box 2587
Charleston, WV 25329 Charleston, WV 25329
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name J. Holcomb Name FWA Drilling
 Address RR1, Box 28 Address Elkview, WV 25071
Hanlin, WV 25523
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation X /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Weir & Devonian Shale
- 12) Estimated depth of completed well, 5550' feet
- 13) Approximate trata depths: Fresh, 600' feet; salt, 1600' feet.
- 14) Approximate coal seam depths: 1320' Fl. Is coal being mined in the area? Yes X / 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		Kinds	
Conductor										
Fresh water	<u>9-5/8"</u>	<u>SMLS</u>	<u>32</u>	<u>X</u>		<u>750'</u>	<u>750'</u>	<u>300 cts.</u>		<u>By Rule 15.01</u>
Coal	<u>7"</u>	<u>SMLS</u>	<u>23</u>	<u>X</u>		<u>3130'</u>	<u>3130'</u>	<u>200</u>		
Intermediate										
Production Tubing	<u>4 1/2"</u>	<u>SMLS</u>	<u>10.5</u>	<u>X</u>		<u>5550'</u>	<u>5550'</u>	<u>300 sbs.</u>		<u>Or as required by Rule 15.01</u>
Liners										
										Perforations: Top Bottom

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 X / 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: 3/1, 19 84

E. N. JAYNES, S. W. PICKERING, II, J. E. WATSON TRUSTEES
 By J. E. Watson
 Its AGENT FOR TRUSTEES & TRUSTEE

02/16/2024
 Coal Owner



1) Date: February 29, 19 84
 2) Operator's Well No. 37
 3) API Well No. 47 030
 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 / Gas X /
 B (If "Gas", Production X / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 1850' Watershed: Kanawha River
 District: Cabin Creek County: Kanawha Quadrangle: Rakdale
- 6) WELL OPERATOR Allegheny & Western Energy Corp. 7) DESIGNATED AGENT Roland C. Bear
 Address P.O. Box 2587 Address P.O. Box 2587
Charleston, WV 25329 Charleston, WV 25329
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name J. Holcomb Name FWA Drilling
 Address RR1, Box 28 Address Riverview, WV
Hamlin, WV 25523
- 10) PROPOSED WELL WORK: Drill X / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation X /
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Weir & Devonian Shale
- 12) Estimated depth of completed well, 5550' feet
 13) Approximate strata depths: Fresh, 600' feet; salt, 1600' feet.
 14) Approximate coal seam depths: 1320' El. Is coal being mined in the area? Yes X / No

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 OIL & GAS DIVISION
 DEPT. OF MINES

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 <u>By Rule</u>
Fresh water	<u>0-5/8"</u>	<u>SMLS</u>	<u>32</u>	<u>X</u>		<u>750'</u>	<u>750'</u>	<u>300 cts.</u>	
Coal	<u>7"</u>	<u>SMLS</u>	<u>23</u>	<u>X</u>		<u>3130'</u>	<u>3130'</u>	<u>200</u>	Sizes
Intermediate									<u>Or as</u>
Production	<u>4 1/2"</u>	<u>SMLS</u>	<u>10.5</u>	<u>X</u>		<u>5550'</u>	<u>5550'</u>	<u>300 sks.</u>	Depths set <u>required by</u>
Tubing									<u>Rule 15.01</u>
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: Allegheny & Western Energy Corporation

By Robert H. Hess
 Its Robert H. Hess Date 2/29/84

EM JAYNES, S.W. PICKERMAN, JEWATSON, TRUSTEES
 Date: 3/1/84
By J. Ellington
 Date:
 (Signature) TRUSTEE & AGENT FOR TRUSTEES
Agents For Trustees + Trustee

02/16/2024
 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.

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF West Virginia,
COUNTY OF Kanawha :

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form IV-2(A) / Form IV-3(A) / Form IV-4(A) /
- (2) Application on Form IV-2(B) / Form IV-3(B) / Form IV-4(B) /
- x(3) Plat showing the well location on Form IV-6, and
- x(4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)

--all with respect to operator's Well No. 37 located in Cabin Creek District, Kanawha County, West Virginia, upon the person or organization named-- Ohley Trust
James E. Watson III
Agent for Trustees and Trustee

--by delivering the same in Kanawha County, State of West Virginia, on the 1st day of March, 1984 in the manner specified below

RECEIVED
MAR 2 - 1984

[COMPLETE THE APPROPRIATE SECTION]

OIL & GAS DIVISION

DEPT. OF MINES

For an individual:

[x] Handing it to him / her / or, because he / she / refused to take it when I offered it, by leaving it in his / her / presence.

[] Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

[] Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

[] Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

[] Handing it to the corporation's employee / officer / director / attorney in fact / named _____

RH Hess
(Signature of person executing service)

Taken, subscribed and sworn before me this 1st day of MARCH, 1984.
My commission expires JUNE 3, 1992

Ronald B. Beemer
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

02/16/2024

AFFIDAVIT OF PERSONAL SERVICE ON ~~SURFACE OWNER~~

STATE OF West Virginia,
COUNTY OF Kanawha :

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form IV-2(A) / Form IV-3(A) / Form IV-4(A) /
- (2) Application on Form IV-2(B) / Form IV-3(B) / Form IV-4(B) /
- X (3) Plat showing the well location on Form IV-6, and
- X (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)

--all with respect to operator's Well No. Obley #37 located in Cabin Creek District, Kanawha County, West Virginia, upon the person or organization named--

O Imperial Colliery Company

--by delivering the same in Kanawha County, State of WVa on the 1 day of March, 1984 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

- [] Handing it to him / her / or, because he / she refused to take it when I offered it, by leaving it in his / her presence.
- [] Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

- [] Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

- [] Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

- [X] Handing it to the corporation's employee / officer / director / attorney in fact named Rick Bonham.

RH Less
(Signature of person executing service)

Taken, subscribed and sworn before me this 2nd day of March, 1984.
My commission expires March 9, 1992.

Lois A. Sempkins
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

1) Date: February 28, 1984
2) Operator's Well No. 37
3) API Well No. 47 - 039 - 4010
State County Permit

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

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

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

(i) Name James E. Watson, III
Address First National Bank
Fairmont, WV 26554
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR Imperial Colliery Company
Address Burnwell, WV 25034

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Ohley Trust (James E. Watson, III)
Address First National Bank
Fairmont, WV 26554

Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name Same as Coal Operator
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.

RECEIVED
MAR 2 - 1984

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.

OIL & GAS DIVISION
DEPT. OF MINES

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is 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

WELL OPERATOR Allegheny & Western Energy Corp.

By R.H. Hess
Its President
Address P.O. Box 2587
Charleston, WV 25329
Telephone (304) 343-4327

this 29th day of February, 1984.
My commission expires June 3, 1992.

Notary Public, Kanawha County,
State of West Virginia

02/16/2024

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 Page</u>
<i>Ohley Coal</i>	<i>United Fuel</i>		
Assignment from:		1/8	100/106-114

Columbia Gas Transmission Corp.
to Allegheny & Western Energy Corp.

Dated May 11, 1978

copy attached



RECEIVED
JUL 10 1984

State of West Virginia
Department of Mines
Oil and Gas Division

Date July 6, 1984
Operator's Well No. Ohley # 37
Farm Ohley Trust
API No. 47 - 039 - 4010

OIL & GAS DIVISION
DEPT. OF MINES

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1850' Watershed Kanawha River
District: Cabin Creek County Kanawha Quadrangle Eskdale 7.5'

COMPANY Allegheny & Western Energy Corporation

ADDRESS P.O. Box 2587 Charleston, WV 25329

DESIGNATED AGENT Roland C. Baer, Jr.

ADDRESS P.O. Box 2587 Charleston, WV 25329

SURFACE OWNER J.E. Watson, III et al Trustee

ADDRESS Room 510 1st Nt'l Bank Bldg, Fairmont WV

MINERAL RIGHTS OWNER Ohley Coal Company

ADDRESS See Allegheny & Western Energy

OIL AND GAS INSPECTOR FOR THIS WORK

R. Holcomb ADDRESS RR1 Box 28 Hamlin, WV

PERMIT ISSUED 3-30-84

DRILLING COMMENCED 5-4-84

DRILLING COMPLETED 5-12-84

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10" F	40'	40'	To surf.
9 5/8 I	984'	984'	300 cu ft
8 5/8			
7 L	2606'	2606'	268 cu ft
5 1/2			
4 1/2 Q	5543'	5543'	100 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Injun, Weir, Berea Devonian Shale Depth 2900, 3070, 3390 3420 feet

Depth of completed well 5950 feet Rotary X / Cable Tools

Water strata depth: Fresh 60 feet; Salt N?A feet

Coal seam depths: 635 Is coal being mined in the area? yes

OPEN FLOW DATA

Producing formation Devonian Shale 400 Pay zone depth 3420 feet

Gas: Initial open flow 390 Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow 390 Mcf/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 8 hours

Static rock pressure 375 psig (surface measurement) after 24 hours shut in

(If applicable due to multiple completion--)

Second producing formation Injun, Weir, Berea Pay zone depth 2900, 3070, 3390 feet

Gas: Initial open flow 432 Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow 432 Mcf/d Oil: Final open flow 0 Bbl/d

Time of open flow between initial and final tests 8 hours

Static rock pressure psig (surface measurement) after 24 hours shut in

02/16/2024

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

Perforate 2899-3615 - 29 holes
3780-5478 - 50 holes

Frac with 60,000# 20-50 sand, 1000 gal 28% HCl, and 1,042000 scf N₂.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sandstone			0	48	
Shale			48	635	
Coal	998		635	650	
Shale			650	1400	
Sand and Shale			1400	1718	
Shale			1718	2604	
Pencil Cave			2604	2618	
Shale			2618	2658	
Big Lime	345		2658	2892	
Shale			2892	2901	
Injun	365		2901	2950	
Shale			2950	3080	
Weir	387		3080	3140	
Shale			3140	3300	
L. Weir			3300	3354	
Coffee Shale	394		3354	3370	
Berea	395		3370	3420	
Devonian Shale	400		3420	5950	TD

(Attach separate sheets as necessary)

Allegheny & Western Energy Corporation

Well Operator

By: RL Hess 02/16/2024

Date: July 9, 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

RECEIVED

MAY 30 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4010

Oil or Gas Well _____
(KIND)

Company Address Farm Well No. District Drilling commenced Drilling completed Date shot Initial open flow Open flow after tubing Volume Rock pressure Oil Fresh water Salt water	CASING AND TUBING Size 16 13 10 8 1/4 6 5/8 5 3/16 3 2 Liners Used	USED IN DRILLING	LEFT IN WELL	PACKERS
				Kind of Packer Size of Depth set Perf. top Perf. bottom Perf. top Perf. bottom
<u>Allegheny & Western</u>				
<u>Charleston, W.V.</u>				
<u>JAMES WATSON</u>				
<u># 37</u>				
<u>Cabin Creek</u> County <u>KAN</u>				

_____ Total depth _____				
_____ Depth of shot _____				
_____ /10ths Water in _____ Inch				
_____ /10ths Merc. in _____ Inch				
_____ Cu. Ft.				
_____ lbs. _____ hrs.				
_____ bbls., 1st 24 hrs.				
_____ feet _____ feet				
_____ feet _____ feet				

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 Petro Service Rig

Remarks: SWABING 4 1/2

5/28/84
DATE

Rod Williams
02/16/2024
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED				BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST		

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

DISTRICT WELL INSPECTOR
02/16/2024

RECEIVED

JUL 30 1984

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

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

Permit No. 039-4010

Oil or Gas Well _____
(KIND)

Company <u>Allegheny Western</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Charleston</u>	Size			
Farm <u>Obley Trust</u>	16			Kind of Packer _____
Well No. <u># 37</u>	13			
District <u>Cabin Creek</u> County <u>Kan</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			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: Location Has Been Seeded And Reclaimed
Seeded 7/23/84

7/24/84
DATE

Lois Diller
DISTRICT WELL INSPECTOR
02/16/2024

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location			Amount			Packer			Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING								
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST						

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

DISTRICT WELL INSPECTOR
02/16/2024



RECEIVED
AUG 27 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
July 25, 1984

COMPANY Allegheny & Western Energy Corp.

PERMIT NO 039-4010 (3-30-84)

P. O. Box 2587

FARM & WELL NO Ohley Trust #37

Charleston, West Virginia 25329

DIST. & COUNTY Cabin Creek/Kanawha

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 Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

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

SIGNED

Lois Dillon

DATE

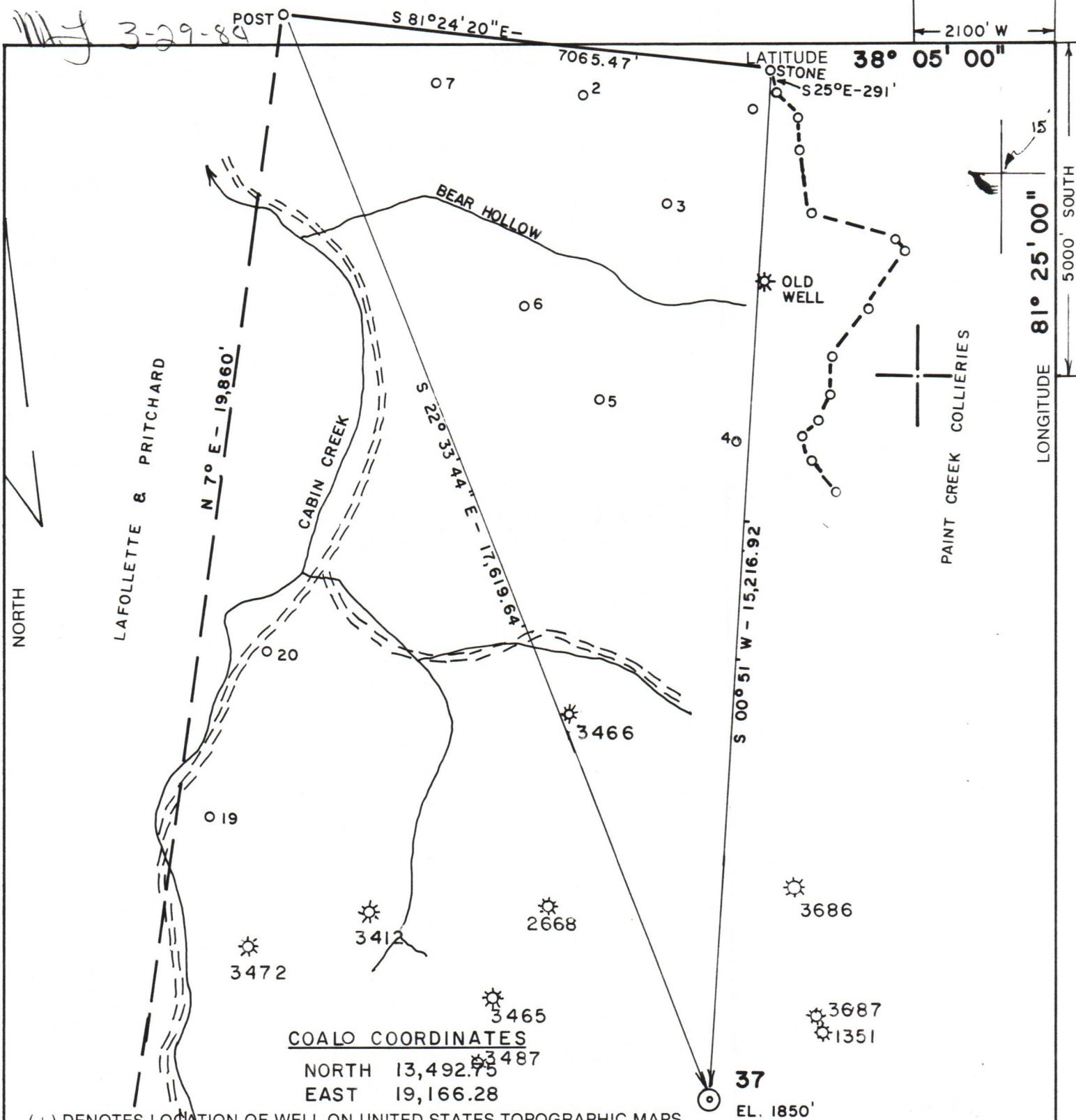
8/21/84

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. v. B.
Administrator-Oil & Gas Division

October 4, 1984

DATE



COALO COORDINATES
 NORTH 13,492.75
 EAST 19,166.28

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

FILE NO. **84-50**
 DRAWING NO. _____
 SCALE **1" = 2000'**
 MINIMUM DEGREE OF ACCURACY **1" / 2500'**
 PROVEN SOURCE OF ELEVATION **ESKDALE (812')**

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) *Edith Waterman*
 R.P.E. **3788** L.L.S. _____

1266
 PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE **2/17**, 19 **84**
 OPERATOR'S WELL NO. **37**
 API WELL NO. _____

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION **1850** WATER SHED **CABIN CREEK**
 DISTRICT **CABIN CREEK** COUNTY **KANAWHA**
 QUADRANGLE **ESKDALE 7.5**
 SURFACE OWNER **J. E. WATSON III** ACREAGE **5438**
 OIL & GAS ROYALTY OWNER **OHLEY COAL CO.** LEASE ACREAGE **5438**

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 **MARCELLUS SHALE** ESTIMATED DEPTH **5990'**
 WELL OPERATOR **ALLEGHENY & WESTERN** DESIGNATED AGENT **ROLAND C. BAER**
 ADDRESS **P. O. BOX 2587** ADDRESS **SAME**
CHARLESTON, WV 25329

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

COUNTY NAME **KANAWHA**
 PERMIT **4010**

02/16/2024