

RECEIVED
JUL 17 1984



1) Date: July 5, 19 84
 2) Operator's Well No. Ohley Trust #45
 3) API Well No. 47 - 039 - 4045
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
 5) LOCATION: Elevation: 1880' Watershed: Kanawha River (Cane Fork (K61J))
 District: Cabin Creek 2 County: Kanawha Quadrangle: Eskdale 340
 6) WELL OPERATOR Allegheny & Western Energy Corp. 7) DESIGNATED AGENT Roland C. Baer, Jr.
 Address P.O. Box 2587 1100 Address P.O. Box 2587
Charleston, WV 25329 Charleston, WV 25329
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name ##### Rodney G. Dillon Name _____
 Address ##### P.O. Box 30 Address _____
WV ##### Scarbro, WV 25917
 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, Injun, Weir, & Devonian Shale
 12) Estimated depth of completed well, 4915' feet
 13) Approximate trata depths: Fresh, 635' feet; salt, 1615' feet.
 14) Approximate coal seam depths: 1320 EL. 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	9-5/8"	SMLS	32	X		775'	775'	300 cts	By Rule 15.05
Coal	7"	SMLS	23	X		3155'	3155'	200 cts	Sizes
Intermediate									
Production Tubing	4 1/2"	SMLS	10.5	X		4915'	4915'	300 sks	Depths set Or as Required by Rule 15.01
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-039-4045

July 20, 19 84
 Date

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 July 20, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET</u>	Agent: <u>MW</u>	Plat: <u>MW</u>	Casing: <u>MW</u>	Fee: <u>003-283</u>
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[Signature]
 Administrator, Office of Oil and Gas

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



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OFFICE USE ONLY

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

1) WELL LOCATION: ...
2) WELL OPERATOR: ...
3) DRILLING CONTRACTOR: ...
4) PROPOSED WELL WORK: ...
5) GEOLOGICAL TARGET FORMATION: ...
6) CASING AND TUBING PROGRAM: ...

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: _____

Bonded	Asst.	Plat.	Casing	Res.
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JUL 6 1984

IV-9 (Rev 8-81)

JUL 17 1984

DATE 5 July, 1984

WELL NO. 45

API NO. 47 - 039 - 4045

State of West Virginia

Department of Mines
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Allegheny & Western Energy DESIGNATED AGENT Roland C. Baer

Address Box 2587, Charleston, WV

Address Box 2587, Charleston, WV 25325

Telephone 343-4327

Telephone 343-4327

LANDOWNER J.E. Watson III

SOIL CONS. DISTRICT Capitol

Revegetation to be carried out by Roland C. Baer (Agent)

This plan has been reviewed by CAPITOL SCD. All corrections and additions become a part of this plan: JUL 10 1984

R. C. Baerford
(Data)
(SCD Agent)

"SEE ATTACHED COMMENTS"

ACCESS ROAD
Structure Drain Ditch
Spacing Ditch Line

Page Ref. Manual 2:12

Structure CROSS DITCH

Spacing DITCH Line

Page Ref. Manual 2:1, 2:4

Structure _____

Spacing _____

Page Ref. Manual _____

LOCATION

Structure Diversion Ditch (1)

Material Cut in side of Location

Page Ref. Manual 2:12 & 2:13

Structure Siltation Barrier (2)

Material Straw

Page Ref. Manual 2:18

Structure Pit (3)

Material Dug-out, plastic lined

Page Ref. Manual N/A

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* Kv 31 Fescue 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.

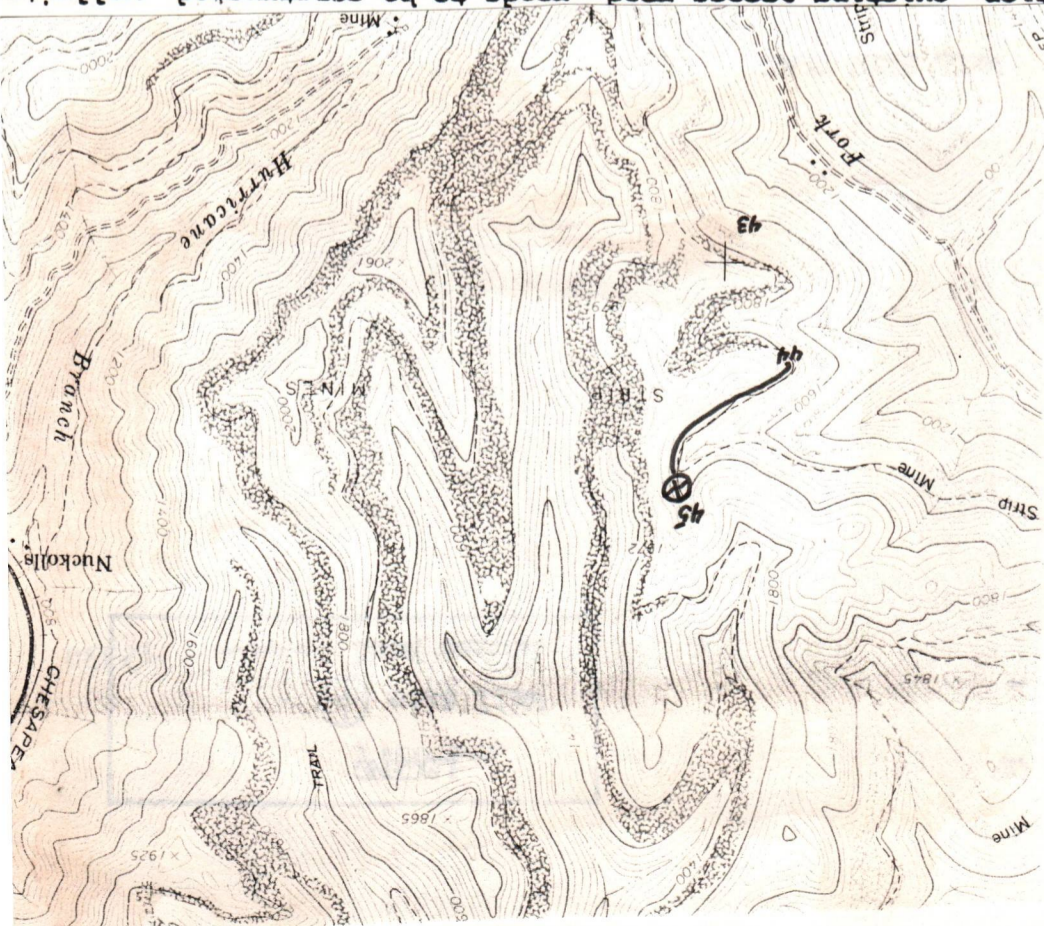
PLAN PREPARED BY William E. Bennett 02/09/2024
ADDRESS Box 2683, Charleston, WV 25330

PHONE NO. 345-0216

ATTACH OR PHOTOCOPY SECT INVOLVED TOPOGRAPHIC MAP QUADRANGLE ESKDALE 74

02/09/2024

Annual Rvw
Kv 31 Resone
Draw



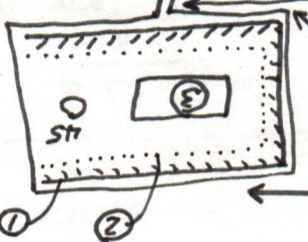
etch to include well location, existing access road, roads to be constructed, well sites, rilling pits and necessary structures numbered or lettered to correspond with the first art of this plan. Include all natural drainage.

LEGEND

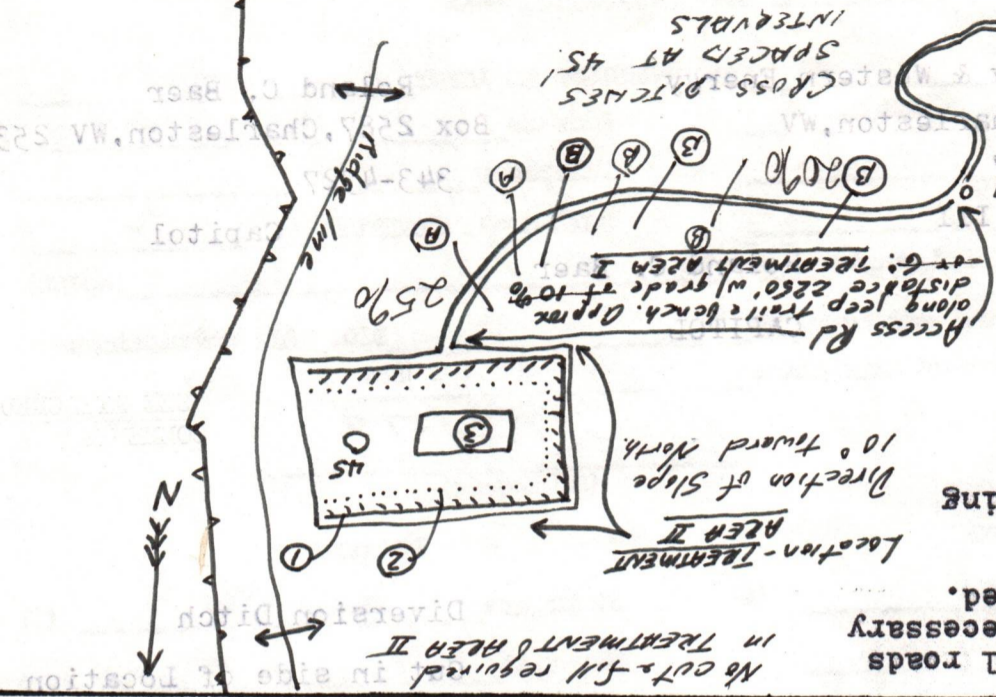
- Property boundary
- Road
- Existing fence
- Planned fence
- Stream
- Open ditch
- Diversion
- Spring
- Wet spot
- Building
- Drain pipe
- Waterway

Existing coal and well roads will be upgraded as necessary and properly maintained. Top soil will be scaled, stockpiled, and used for topdressing after final grading.

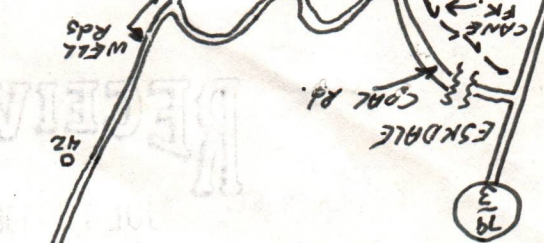
Direction of slope 10° toward North



No cut & fill required in side of location in TREATMENT AREA II



Approx East boundary of 5438 ac lease



RECEIVED
DEPT. OF MINES
OR
J. E. Watson
243-4352
Box 2587, Charleston, WV 25325

2 MAY 1984

1) Date: July 5, 19 84
2) Operator's Well No. Ohley Trust #45
3) API Well No. 47-039-4045
State County Permitt

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 Ohley Trust, James E. Watson, III
Address Agent for Trustees
First National Bank
- (ii) Name Fairmont, WV 26554
Address _____
- (iii) Name _____
Address _____

5(i) COAL OPERATOR Imperial Colliery Co.
Address Burnwell, WV

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

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 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 X

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

R. H. Hiss
this 5th day of July, 1984.
My commission expires June 3, 1992.

Notary Public, Kanawha County,
State of West Virginia

WELL OPERATOR Allegheny & Western Energy Corp.

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

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OIL & GAS DIVISION
DEPT. OF MINES

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:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
-----------------------	-----------------------	---------	-----------

Farmout from:

Columbia Gas Transmission Corp.		1/8	Not Recorded 5-11-78
United Fuel Gas Co.	Ohley Coal Co.	1/8	100 106-114



1) Date: July 5, 19 84
 2) Operator's Well No. Ohley Trust #45
 3) API Well No. 47 039
 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: 1880' Watershed: Kanawha River
 District: Cabin Creek County: Kanawha Quadrangle: Eskdale
- 6) WELL OPERATOR Allegheny & Western Energy Corp. 7) DESIGNATED AGENT Roland C. Baer, Jr.
 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 ##### Rodney G. Dillon Name
 Address ##### P.O. Box 30 Address
25917 Scarbro, WV 25917
- 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, Injuh, Weir, & Devonian Shale
 12) Estimated depth of completed well, 4915' feet
 13) Approximate trata depths: Fresh, 635' feet; salt, 1615' 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 MINE

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	9-5/8"	SMLS	32	X		775'	775'	300 cts	By Rule 15.05
Coal	7"	SMLS	23	X		3155'	3155'	200 cts	Sizes
Intermediate									
Production	4 1/2"	SMLS	10.5	X		4915'	4915'	300 sks	Depths set Or as Required
Tubing									by Rule 15.01
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: July 5, 19 84

By: [Signature]
 Its: Superintendent

02/09/2024

Coal Owner



1) Date: July 5, 19 84
 2) Operator's Well No. Ohley Trust #45
 3) API Well No. 47 State 039 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: 1880' Watershed: Kanawha River
 District: Cabin Creek County: Kanawha Quadrangle: Eskdale
- 6) WELL OPERATOR Allegheny & Western Energy Corp. 7) DESIGNATED AGENT Roland C. Baer, Jr.
 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 RODNEY G. DILLON Name RECEIVED
 Address P.O. Box 30 Address RECEIVED
Hambro, WV 25823 RECEIVED
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate /
 Plug off old formation / Perforate new formation JUL 17 1984
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Injeh, Weir, & Devonian Shale
- 12) Estimated depth of completed well, 4915' feet
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- 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	<u>9-5/8"</u>	<u>SMT.S</u>	<u>32</u>	<input checked="" type="checkbox"/>		<u>775'</u>	<u>775'</u>	<u>300 cts</u>	<u>By Rule 15.05</u>
Coal	<u>7"</u>	<u>SMT.S</u>	<u>23</u>	<input checked="" type="checkbox"/>		<u>3155'</u>	<u>3155'</u>	<u>200 cts</u>	Sizes
Intermediate									
Production	<u>4 1/2"</u>	<u>SMT.S</u>	<u>10.5</u>	<input checked="" type="checkbox"/>		<u>4915'</u>	<u>4915'</u>	<u>300 sks</u>	Depths set <u>Or as Required</u>
Tubing									<u>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 X / owner _____ / lessee X / 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: July 9, 19 84

By Imperial Colliery Co.
J.L. Bonham
 Its Chief Engineer

02/09/2024
 Coal Owner

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DEPT. OF PAINTS
Oil & Gas Division

02/09/2024



1) Date: July 5, 19 84
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 State County Permit

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

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 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 James E. Dillon Name _____
 Address RR #1 Box 30 Address _____
Hampshire, WV 25523 Scarbro, WV 25917
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify) _____
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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	<u>9-5/8"</u>	<u>SMLS</u>	<u>32</u>	<u>X</u>		<u>775'</u>	<u>775'</u>	<u>300 cts</u>	<u>By Rule 15.05</u>
Coal	<u>7"</u>	<u>SMLS</u>	<u>23</u>	<u>X</u>		<u>3155'</u>	<u>3155'</u>	<u>200 cts</u>	Sizes
Intermediate									
Production	<u>4 1/2"</u>	<u>SMLS</u>	<u>10.5</u>	<u>X</u>		<u>4915'</u>	<u>4915'</u>	<u>300 sks</u>	Depths set <u>Or as Required</u>
Tubing									<u>by 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: _____
 By James E. Dillon
 Its Trustee Agent Date 7-5-84

 (Signature) Date: _____

 (Signature) Date: _____

02/09/2024
 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.



IV-35
(Rev 8-81)

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SEP 6 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date August 20, 1984
Operator's
Well No. Ohley #45
Farm Ohley Trust
API No. 47 - 039 - 4045

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: 1880 Watershed Kanawha River
District: Cabin Creek County Kanawha Quadrangle Eskdale

COMPANY Allegheny & Western Energy Corp.

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

ADDRESS Rm. 510, 1st National Bank Bldg., Fairmont, WV

MINERAL RIGHTS OWNER Ohley Coal Co.

ADDRESS See Allegheny & Western

OIL AND GAS INSPECTOR FOR THIS WORK

R. Dillon ADDRESS Box 30, Scarbro, WV

PERMIT ISSUED 7/20/84

DRILLING COMMENCED 8/4/84

DRILLING COMPLETED 8/11/84

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"			
9 5/8	993	993	150 sx
8 5/8			
7	1756	1756	150 sx
5 1/2			
4 1/2	3436	3436	100 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Injun, Weir, Devonian Shale Depth 2890 3012 3436 feet

Depth of completed well 5042 feet Rotary x / Cable Tools

Water strata depth: Fresh 635 feet; Salt 1615 feet

Coal seam depths: 1300 El. Is coal being mined in the area? Yes

OPEN FLOW DATA

Producing formation Injun, Weir Pay zone depth 2890 3012 feet

Gas: Initial open flow 1,300 Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow 1,300 Mcf/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 72 hours

Static rock pressure 600 psig (surface measurement) after 72 hours **02/09/2024**

(If applicable due to multiple completion--)

Second producing formation Devonian Shale Pay zone depth 3436 feet

Gas: Initial open flow 1,000 Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow 1,000 Mcf/d Oil: Final open flow 0 Bbl/d

Time of open flow between initial and final tests 72 hours

Static rock pressure 500 psig (surface measurement) after 72 hours shut in

Kan. 4045

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

Perforated 72 holes from 2190 to 4976

Acidized with 9000 gallons 15% HCl & 1600 CCF N₂

Fract 1000 gallons 28% HCl, 600 cwt 579 20-50 sand; 8820 Gallons concentrated charge
600 cwt 20-40 sand.

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	78	
Shale			78	665	
Coal			665	680	
Shale			680	1430	
Sand & Shale			1430	1748	
Shale			1748	2634	
Pencil Cave			2634	2648	
Shale			2648	2730	
Big Lime			2730	2890	
Big Injun			2890	2960	
Shale			2960	3012	
Weir			3012	3026	
Shale			3026	3320	
Lower Weir			3320	3340	
Coffee Shale			3340	3840	
Berea			3840	3436	
Devonian Shale			3436	5042	

(Attach separate sheets as necessary)

Allegheny & Western Energy Corporation

Well Operator

02/09/2024

By:

R. H. Hess

Date:

August 20, 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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AUG - 6 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 039-4045

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>#45</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 F.W.A. Rig #22

Remarks: Reem hole After Bit Trip At 1046
Soaping hole (1:00 P.M)

8/14/84
DATE

Rod [Signature]
DISTRICT WELL INSPECTOR

02/09/2024

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
02/09/2024

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

RECEIVED
AUG 13 1984

INSPECTOR'S WELL REPORT OIL & GAS DIVISION

DEPT. OF MINES

Permit No. 039-4045

Oil or Gas Well _____
(KIND)

Company Allegheny & Westcoast
 Address Charleston
 Farm Obley Trust
 Well No. #45
 District CABINCREEK County Kan.
 Drilling commenced _____
 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			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

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AUG 13 1984

OIL & GAS DIVISION

DEPT. OF MINES

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 F.W.A. Rig #JJ

Remarks: Drilling on Air at 3987 ft. dusting hole

8/9/84
DATE

Rod Dillon
DISTRICT WELL INSPECTOR

02/09/2024

RECEIVED
AUG 1 1984
DEPT. OF MINES

**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

(Handwritten Signature)

 DISTRICT WELL INSPECTOR
02/09/2024

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

RECEIVED

SEP 17 1984

OIL & GAS DIVISION

DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4045

Oil or Gas Well GAS
(KIND)

Company Allegheny & Westover

Address Charleston

Farm Obley Trust

Well No. #45

District CABINCK County Kan.

Drilling commenced _____

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			
16			Kind of Packer
13			
10			Size of
8 1/4			
6 3/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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: LOCATION Reclaimed
Needs To Be Seeded

9/9/84
DATE

Lois W. Dillon 02/09/2024

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

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OCT 1 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4045

Oil or Gas Well Gas
(KIND)

Company	Address	Farm	Well No.	District	County	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS	
						Size			Kind of Packer	
<u>Allegheny & Western</u>	<u>Charleston</u>	<u>Orley Trust</u>	<u>#45</u>	<u>Cabin Creek</u>	<u>KAN</u>	16				
						13				
						10			Size of	
						8 1/4				
						6 5/8			Depth set	
						5 3/16				
						3			Perf. top	
						2			Perf. bottom	
						Liners Used			Perf. top	
									Perf. bottom	
Volume						Cu. Ft.	CASING CEMENTED	SIZE	No. FT.	Date
Rock pressure						lbs.				
Oil						bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY			
Fresh water						feet	COAL WAS ENCOUNTERED AT	FEET	INCHES	
Salt water						feet		FEET	INCHES	

Drillers' Names _____

Remarks: GO TO MAKE FINAL INSPECTION
LOCATION RECLAIMED & SEEDING I.D. ON WELL
NEEDS MORE BRUSH CUT OFF ACCESS ROAD
BEFORE IT CAN BE RELEASED

9-24-84
DATE

Loch Wilton
DISTRICT WELL INSPECTOR
02/09/2024

RECEIVED

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 _____
02/09/2024

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

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NOV 13 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT

DEPT. OF MINES

Permit No. 039-4045

Oil or Gas Well GAS
(KIND)

Company <u>Allegheny & Western</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>CHAR.</u>	Size			
Farm <u>Obley Trust</u>	16			Kind of Packer
Well No. <u># 46</u>	13			
District <u>CABIN CR.</u> County <u>KAN.</u>	10			Size of
Drilling commenced	8 1/4			
Drilling completed	6 5/8			Depth set
Date shot	5 3/16			
Initial open flow	3			Perf. top
Open flow after tubing	2			Perf. bottom
Volume	Liners Used			Perf. top
Rock pressure				Perf. bottom
Oil	CASING CEMENTED	SIZE	No. FT.	Date
Fresh water	NAME OF SERVICE COMPANY			
Salt water	COAL WAS ENCOUNTERED AT			
	FEEET	INCHES	FEEET	INCHES
	FEEET	INCHES	FEEET	INCHES
	FEEET	INCHES	FEEET	INCHES

Drillers' Names _____

Remarks: Well Complete Reclaimed & Seeded
ID on Well

Take Russell Beall To Look At This Well

11/7/84
DATE

Rod Dillon
DISTRICT WELL INSPECTOR

02/09/2024

Form 26
2/16/82

RECEIVED
NOV 13 1982
OIL & GAS DIVISION
DEPT. OF MINES

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

02/09/2024

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

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AUG 21 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4045

Oil or Gas Well GAS
(KIND)

Company Address Farm Well No. District County	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
<u>Allegheny & Westcon</u>	16			
<u>Charleston</u>	13			
<u>Ohley Trust</u>	10			Size of
<u>#45</u>	8 1/4			
<u>Cabin Creek</u> County <u>Kan</u>	6 5/8			Depth set
Drilling commenced _____	5 3/16			
Drilling completed _____ Total depth _____	3			Perf. top
Date shot _____ Depth of shot _____	2			Perf. bottom
Initial open flow _____ /10ths Water in _____ Inch	Liners Used			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch				Perf. bottom
Volume _____ Cu. Ft.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Rock pressure _____ lbs. _____ hrs.	NAME OF SERVICE COMPANY _____			
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Dowell

Remarks: FRAC Well

8/15/84
DATE

Bob Wilson
DISTRICT WELL INSPECTOR
02/09/2024

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 _____

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

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NOV 26 1984
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 034-4045

Oil or Gas Well GAS
(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	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
<u>Allegheny & Western</u>				
<u>Chae.</u>				
<u>Obley Trust</u>	16			
<u>#45</u>	13			
<u>CABIN CR. Kan</u>	10			Size of
<u>8-2-84</u>	8 1/4			
<u>8/10/84 Total depth 5000'</u>	6 3/8			Depth set
	5 3/16			
	3			Perf. top
	2			Perf. bottom
	Liners Used			Perf. top
				Perf. bottom
	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: Reclaimed & Seeded ID on Well
GRASS GROWING
Brush To Be Cut Before Releasing

11-21-84
DATE

[Signature]
DISTRICT WELL INSPECTOR

02/09/2024

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 _____ **02/09/2024**



RECEIVED
 MAY 8 - 1985

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
 September 18, 1984

COMPANY Allegheny & Western Energy Corp. PERMIT NO 039-4045
P. O. Box 2587 FARM & WELL NO Ohley Trust #45
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 Carlson Hively
 DATE 5-3-85

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. B.
 Administrator-Oil & Gas Division

May 13, 1985
 DATE

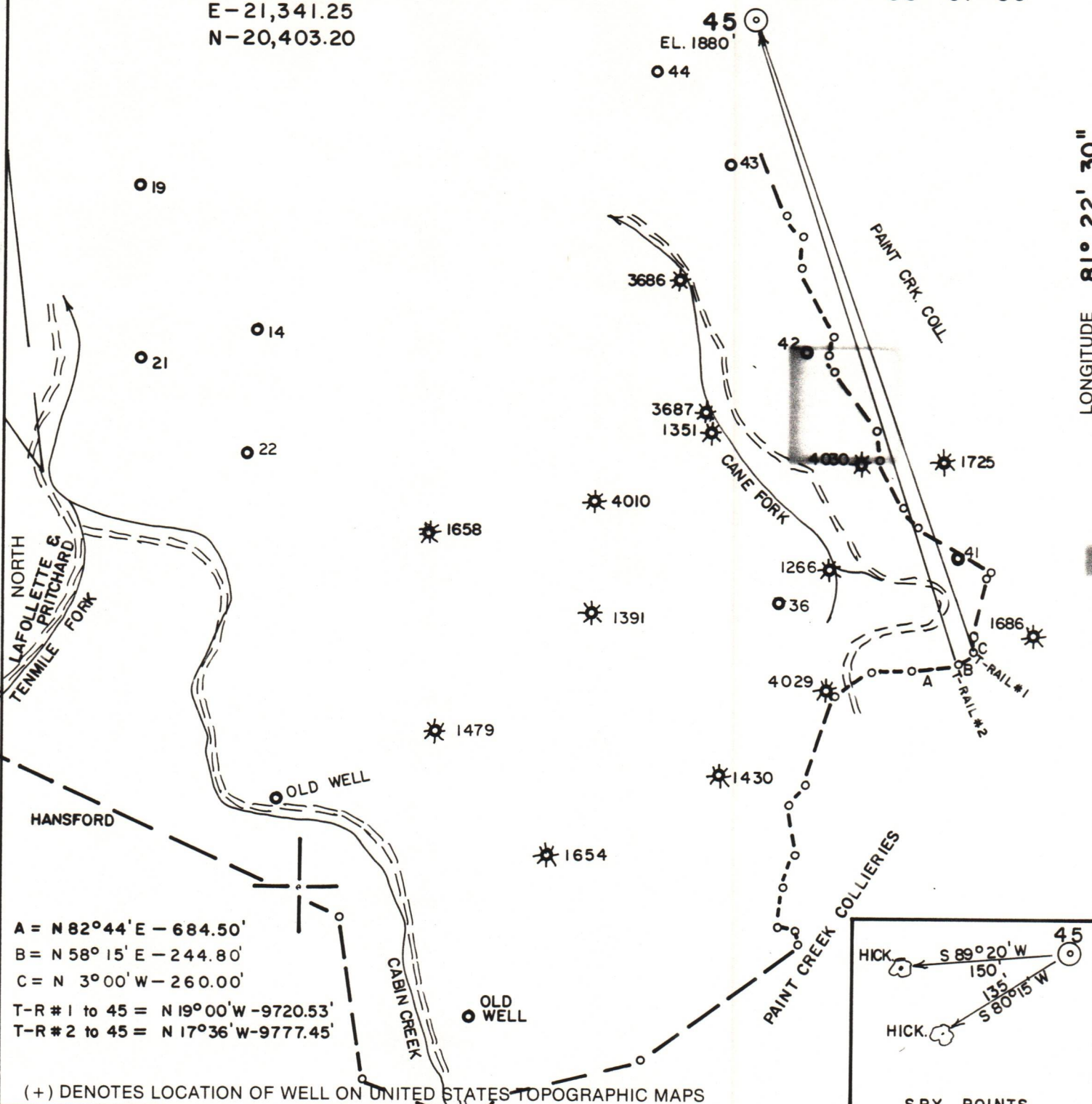
COAL COORDINATES

E-21,341.25
N-20,403.20

11,420' WEST

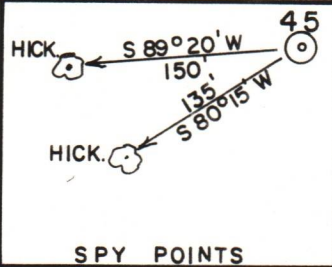
LATITUDE 38° 07' 30"

LONGITUDE 81° 22' 30"



A = N 82° 44' E - 684.50'
B = N 58° 15' E - 244.80'
C = N 3° 00' W - 260.00'
T-R #1 to 45 = N 19° 00' W - 9720.53'
T-R #2 to 45 = N 17° 36' W - 9777.45'

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



FILE NO. 84-371
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) *Robert Waterman*
R.P.E. 3788 L.L.S. _____



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE 7/2 1984
OPERATOR'S WELL NO. 45
API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
STATE 47 COUNTY 039 PERMIT 4045

LOCATION: ELEVATION 1880' WATER SHED _____
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 X 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)

COUNTY NAME
PERMIT

02/09/2024