

RECEIVED

SEP 21 1984



1) Date: September 7, 1984

2) Operator's Well No. Ohley #59

3) API Well No. 47 - 039 - 4070
State County Permit

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

OIL & GAS DIV.
DEPT. OF MINES

- 4) WELL TYPE: A Oil / Gas /
B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1604' Watershed: Cane Fork
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 Charleston, WV 25329
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Rodney G. Dillon
Address P. O. Box 30 Scarbro, WV 25917
- 9) DRILLING CONTRACTOR: Name _____ Address _____
- 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, 5990 feet
- 13) Approximate strata depths: Fresh, 700' feet; salt, 1600' feet.
- 14) Approximate coal seam depths: 2400' 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		900'	900'	300 cts	By Rule 15.05
Coal	7"	SMLS	23	X		2600'	2600'	200 cts	Sizes
Intermediate									
Production	4 1/2"	SMLS	10.5	X		5990'	5990'	200-400 sks	Depths set Or As Required
Tubing									By Rule 15.05
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-039-4070

September 26, 1984
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 September 26, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: 5	Agent: MJI	Plat: MU	Casing: MU	Fee: 518
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Margaret J. Nasse
Administrator, Office of Oil and Gas

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



FILE COPY

OFFICE USE ONLY

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

Form fields for permit modifications including well location, operator, and proposed work details.

Table with columns for casing and tubing program, including casing or tubing type, size, grade, weight, and length.

OFFICE USE ONLY

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

Table with columns for Date and Date(s) for recording occurrences and inspections.

Form for recording occurrences and follow-up inspections, including fields for Application received, Well work started, Completion of the drilling process, Well Record received, and Reclamation completed.

OTHER INSPECTIONS

Form for recording other inspections, including Reason and Agent fields.

Table with columns for Agent, Plat, Casing, and Bond.

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

02/06/2024



SEP. 12 1984

IV-9
(Rev 8-81)

DATE Sept. 10 1984

WELL NO. 59

State of West Virginia
Department of Mines
Oil and Gas Division
API NO. 47 - 039 - 4070

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Allegheny Western Energy DESIGNATED AGENT Roland C. Baer
Address Box 2587, Charleston WV. Address Box 2587 Charleston, WV. 25329
Telephone 343-4327 Telephone 343-4327
LANDOWNER J.E. Watson 111 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:

SEP. 13 1984
(Date)

"FIELD REVIEWED"

R. C. Alford
(SCD Agent)

"SEE ATTACHED COMMENT" OK MH 9/26

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A) Spacing <u>Along Access Road</u> Page Ref. Manual <u>2-12 + 2-14</u>	Structure <u>Diversion Ditch</u> (1) Material <u>Earthen</u> Page Ref. Manual <u>2:12 to 2:13</u>
Structure <u>Culvert</u> (B) Spacing <u>12"Min.-42"Max. I.D. as shown on sketch</u> Page Ref. Manual <u>2:7 to 2:11</u>	Structure _____ (2) Material <u>Mulching</u> Page Ref. Manual <u>3:6 to 3:7</u>
Structure <u>Cross Drains</u> (C) Spacing <u>As shown on sketch</u> Page Ref. Manual <u>2:1 to 2:6</u>	Structure <u>Pit</u> (3) Material <u>Dug, and plastic lined</u> Page Ref. Manual <u>N/A</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 3.0 Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Hay or Straw 2.0 Tons/acre

Seed* Ky. 31 Tall Fescue 45 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Rye Grass 10 lbs/acre

Treatment Area II

Lime 3.0 Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Hay or Straw 2.0 Tons/acre

Seed* Ky. 31 Tall Fescue 45 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Rye Grass 10 lbs/acre

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

PLAN PREPARED BY Oliver Shockey
A E Associates, Ltd. 02/09/2024


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

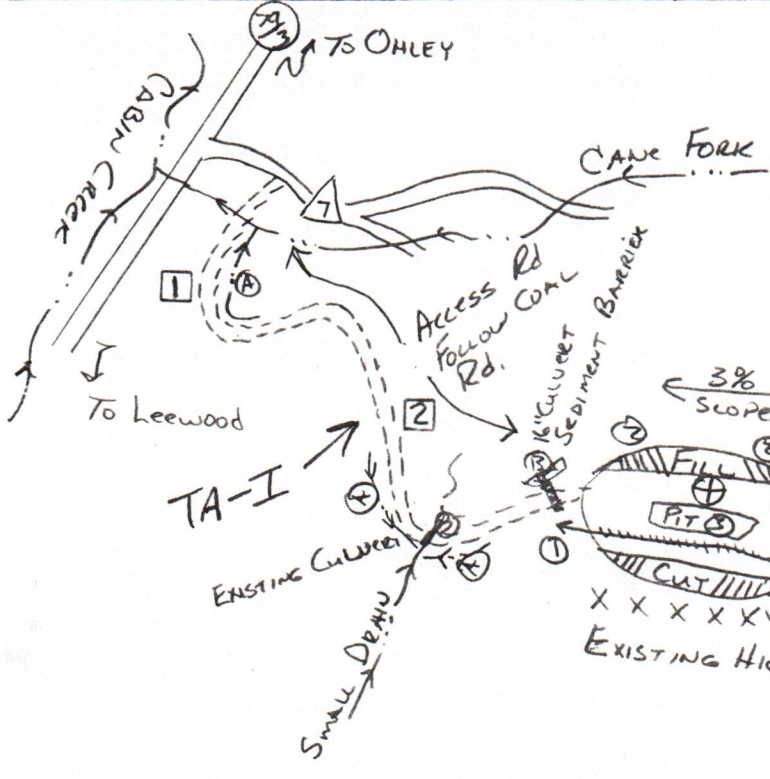
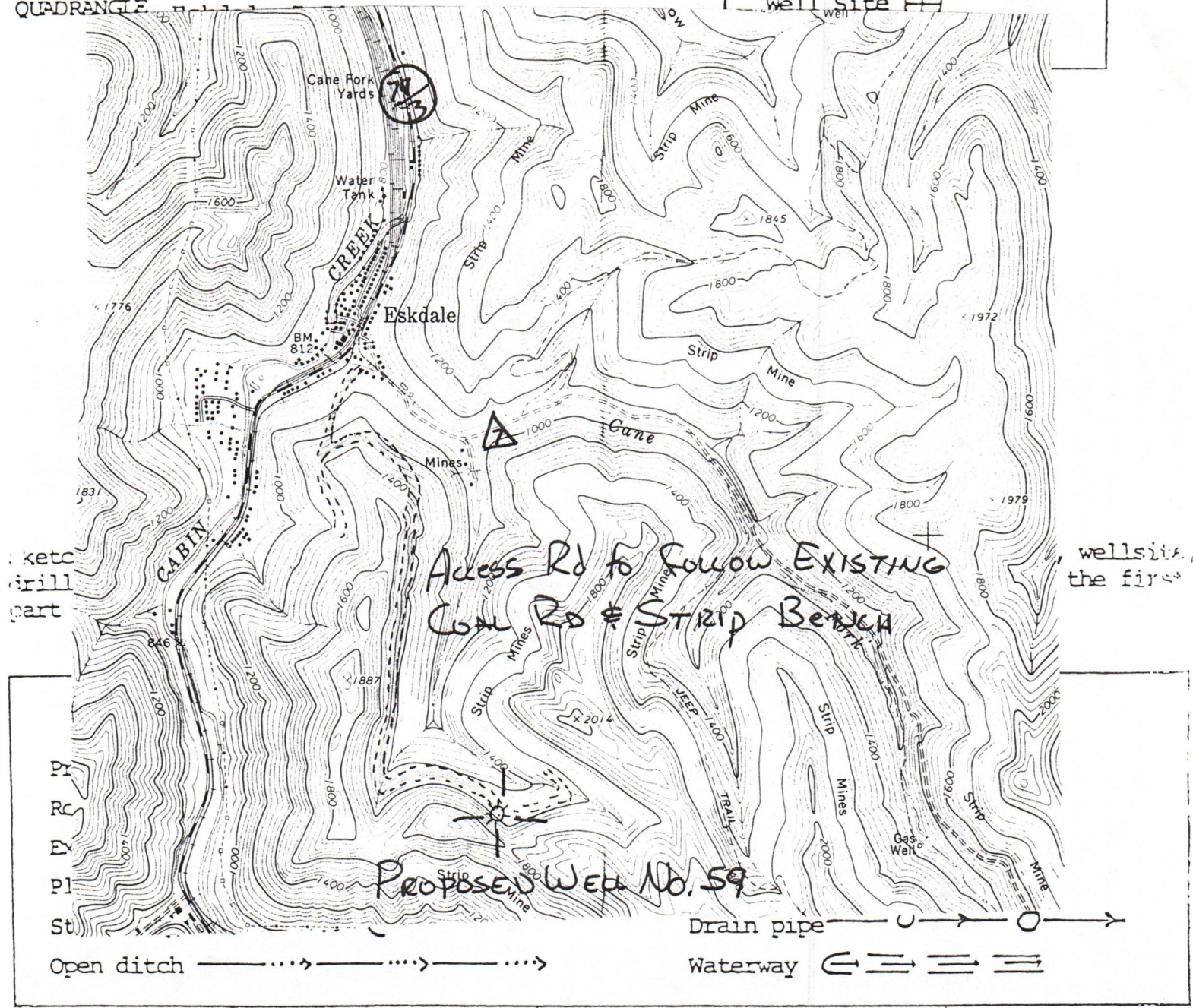
ADDRESS 1206 Virginia Street, East
Charleston, WV 25301
PHONE NO. 304/346-0505

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE

LEGEND

Well site 



LENGTH OF Access Rd.	SLOPE	SPACING OF CROSS DRAINS
1 1800'	10 TO 14%	85'
2 7000'	0 TO 4%	AS NEEDED
8800' TOTAL ACCESS ROAD		

Note: Location is ON A STRIP BENCH WITH EXISTING COAL ROAD.

02/09/2024

Comments: Access to the well site will be by using existing coal roads, that will be upgraded and maintained properly. All outlets of drainage structures and ditches will be to stable areas. The well location will have all brush and timber removed, anything 6" or larger will be cut and stacked prior to any earth moving activities. The road and well site will be brought to desired grade with erosion control structures being installed in conjunction with the grading. Topsoil will be stockpiled, to be used in topdressing the location for reclamation.

1) Date: September 7, 19 84
2) Operator's
Well No. Ohley #59
3) API Well No. 47 - 039 - 4070
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 Ohley Trust, James E. Watson, III
Address Agent for Trustee
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 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.

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. Hess

this 7 day of September, 19 84.
My commission expires 8/13, 1991.

Larry E. Hoop
Notary Public, Kanawha County,
State of West Virginia

WELL
OPERATOR Allegheny & Western Energy Corporation
By RH Hess
Its President
Address P. O. Box 2587
Charleston, WV 25329
Telephone (304) 343-4327

RECEIVED
OIL & GAS DIV.
DEPT. OF MINES
SEP 21 1984

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: September 7, 19 84
 2) Operator's Well No. Ohley #59
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**STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT**

**OIL & GAS DIV.
 DEPT. OF MINES**

- 4) WELL TYPE: A Oil _____ / Gas X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1604' Watershed: Cane Fork
 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 Name Rodney G. Dillon
 Address P. O. Box 30
Scarbro, WV 25917
- 9) DRILLING CONTRACTOR:
 Name _____ Address _____
- 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, Injun, Weir, Devonian Shale
- 12) Estimated depth of completed well, 5990 feet
- 13) Approximate trata depths: Fresh, 700' feet; salt, 1600' feet.
- 14) Approximate coal seam depths: 2400' 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>3 5/8"</u>	<u>SHLS</u>	<u>32</u>	<u>X</u>		<u>900'</u>	<u>900'</u>	<u>300 cts</u>	<u>By Rule 15.05</u>	
Coal	<u>7"</u>	<u>SHLS</u>	<u>23</u>	<u>X</u>		<u>2600'</u>	<u>2600'</u>	<u>200 cts</u>	<u>Sizes</u>	
Intermediate										
Production	<u>4 1/2"</u>	<u>SHLS</u>	<u>10.5</u>	<u>X</u>		<u>5990'</u>	<u>5990'</u>	<u>100-400 sks</u>	<u>Depths set</u>	<u>Or As Required</u>
Tubing									<u>By Rule 15.05</u>	
Liners									<u>Perforations:</u>	
									<u>Top</u>	<u>Bottom</u>

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 _____
 Its _____ Date _____

J. E. Watson Inspector - Agent Date: 9/20/84
 (Signature)
 _____ Date: _____
 (Signature)

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.



1) Date: September 7, 19 84
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	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
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Coal	<u>7"</u>	<u>SMLS</u>	<u>23</u>	<u>X</u>		<u>2600'</u>	<u>2600'</u>	<u>200 cts</u>	Sizes
Intermediate									
Production	<u>4 1/2"</u>	<u>SMLS</u>	<u>10.5</u>	<u>X</u>		<u>5990'</u>	<u>5990'</u>	<u>200-400 cts</u>	Depths set <u>Or As Required</u>
Tubing									<u>By Rule 15.05</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: September, 21, 19 84

By Imperial Collins Co.
H. F. Borham
 Its Chief Engineer

02/09/2024
 Coal Owner



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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	9 5/8"	SMLS	32	X		900'	900'	300 cts	By Rule 15.05
Coal	7"	SMLS	23	X		2600'	2600'	200 cts	Sizes
Intermediate									
Production	4 1/2"	SMLS	10.5			5990'	5990'	200-400 sks	Depths set Or As Required
Tubing									By Rule 15.05
Liners									Perforations:
									Top Bottom

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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: September 7, 19 84

By [Signature]
 Its _____

02/09/2024
 Coal Owner

IV-35
(Rev 8-81)

RECEIVED
JAN 29 1985
OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date January
Operator's
Well No. 59
Farm Ohley Trust
API No. 47-039-407

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: 1604 Watershed Cane Fork
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, Trustee

ADDRESS 1st Nat'l Bank Bldg., Fairmont, WV

MINERAL RIGHTS OWNER Ohley Coal Company

ADDRESS 1st Nat'l Bank Bldg., Fairmont, WV

OIL AND GAS INSPECTOR FOR THIS WORK _____

R. Dillon ADDRESS Scarbro, WV

PERMIT ISSUED 9/26/84

DRILLING COMMENCED 9/27/84

DRILLING COMPLETED 10/5/84

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.			
13-18"			To Surf
9 5/8	1066	1066	300 sx
8 5/8			
7	2578	2578	150 sx
5 1/2			
4 1/2	4965	4965	200 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 3526 feet

Depth of completed well 5007 feet Rotary X / Cable Tools _____

Water strata depth: Fresh 700 feet; Salt 1600 feet

Coal seam depths: 2400 Is coal being mined in the area? yes

OPEN FLOW DATA

Producing formation Weir, Big Lime Pay zone depth 3000, 2650 feet

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

Final open flow 110 Mcf/d Final open flow 0 Bbl/d

Final open flow 80 Mcf/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 02/09/2024 hours

Static rock pressure 200 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)

Second producing formation Devonian Shale Pay zone depth 3512 feet

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

Final open flow 200 Mcf/d Oil: Final open flow 0 Bbl/d

Time of open flow between initial and final tests 3512 hours

Static rock pressure 200 psig (surface measurement) after 24 hours shut in

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

- 1st stage Perforate 3618-4960 w/40 holes
Frac w/6000 gal 15% HCl, 60,000 # 20/50 sd & 1,100 M scf N₂
- 2nd stage Perforate 2810-3544 w/40 holes
Frac w/1500 gal, 15% HCl, 60,000 # 20/50 & 1,080 M scf N₂
- 3rd stage Perforate 2664-2764 w/10 holes
Acidize w/6000 gal, 180 M 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 and Shale			0	1265	
Shale			1265	1823	
Shale			1823	1912	
Sand and Shale			1912	2342	
Shale			2342	2410	
Pencil Cave			2410	2420	
Shale			2420	2435	
Little Lime			2435	2635	
Shale			2635	2650	
Big Lime			2650	2798	
Shale			2798	2810	
Big Injun			2810	2862	
Upper Weir			2862	3010	
Coffee Shale			3010	3278	
Berea			3278	3330	
Shale			3330	3512	
Devonian Shale			3512	5007 TD	

(Attach separate sheets as necessary)

02/09/2024

Allegheny & Western Energy Corp
Well Operator

By: PK Hess

Date: 1-28-85

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic

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

RECEIVED
OCT 15 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 039-4070

Oil or Gas Well GAC
(KIND)

Company <u>Allegheny & Western</u> Address <u>CHAR.</u> Farm <u>Orley Trust</u> Well No. <u>#59</u> District <u>Cabin Creek</u> County <u>Mar</u> Drilling commenced <u>9/27/84</u> Drilling completed <u>10/5/84</u> Total depth <u>5000'</u> 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 _____
	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 _____

CASING CEMENTED 4 1/2 SIZE 5000' No. FT. _____ Date 10-5-84

NAME OF SERVICE COMPANY Dowell

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names F.W.A. Rig #13

Remarks: TD Hole At 5000'
10-5 Run 5000' 4 1/2 Casing
Cement w/ Dowell

10/9/84
DATE

Loel Delt
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

INSPECTOR'S WELL REPORT

Permit No. 039-4070

Oil or Gas Well _____
(KIND)

Company Allegheny Western
 Address Charleston
 Farm Obley Trust
 Well No. # 59
 District CABINCH. County MAN
 Drilling commenced 9-27-84
 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			Depth set _____
6 3/8			
5 3/16			Perf. top _____
3			Perf. bottom _____
2			
Liners Used			Perf. top _____
			Perf. bottom _____

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 OIL & GAS DIVISION
 DEPT. OF MINES

CASING CEMENTED 9 5/8 SIZE 10 1/2 No. FT. 9-29-84 Date
 NAME OF SERVICE COMPANY Well Service
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names F.W.A. Rig # 13

Remarks: Drilling on Air Soaping hole at 2650'
Going to Run 7" @ 2650' Check Pit for Leak (Pit OK)
9-29-84 Run 1066' 9 5/8 Cement to surface w/ 300 SKS. Neat.

10/12/84
DATE

Rod L. Mellon
DISTRICT WELL INSPECTOR

02/09/2024

10/19/84
DATE

Rod Mellon
DISTRICT WELL INSPECTOR

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

Permit No. _____

Well No. _____

COMPANY _____

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OIL & GAS DIVISION
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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:

02/09/2024

Remarks: Made in Pipe up 3000 ft well

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

DATE

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OFFICE OF OIL AND GAS
CHARLESTON 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

RECEIVED
MAY 8 - 1985
OIL & GAS DIVISION
DEPT. OF MINES

Company: ALLEG. & WEST. ENERGY
Farm: OHLEY TRUST

Well: OHLEY 59

Permit No. 47- 39-4070
County: 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 Casings	-----	-----
15.02	Adequate Coal Casings	-----	-----
15.01	Adequate Production Casings	-----	-----
15.04	Adequate Cement Strength	-----	-----
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	-----	-----
7.01	Well Records on Site	-----	-----
7.02	Well Records Filed	-----	-----
7.05	Identification Markings	-----	-----

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

SIGNED Carlos Huely
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.

[Signature]
Administrator

May 13, 1985
Date

272 9/26/84

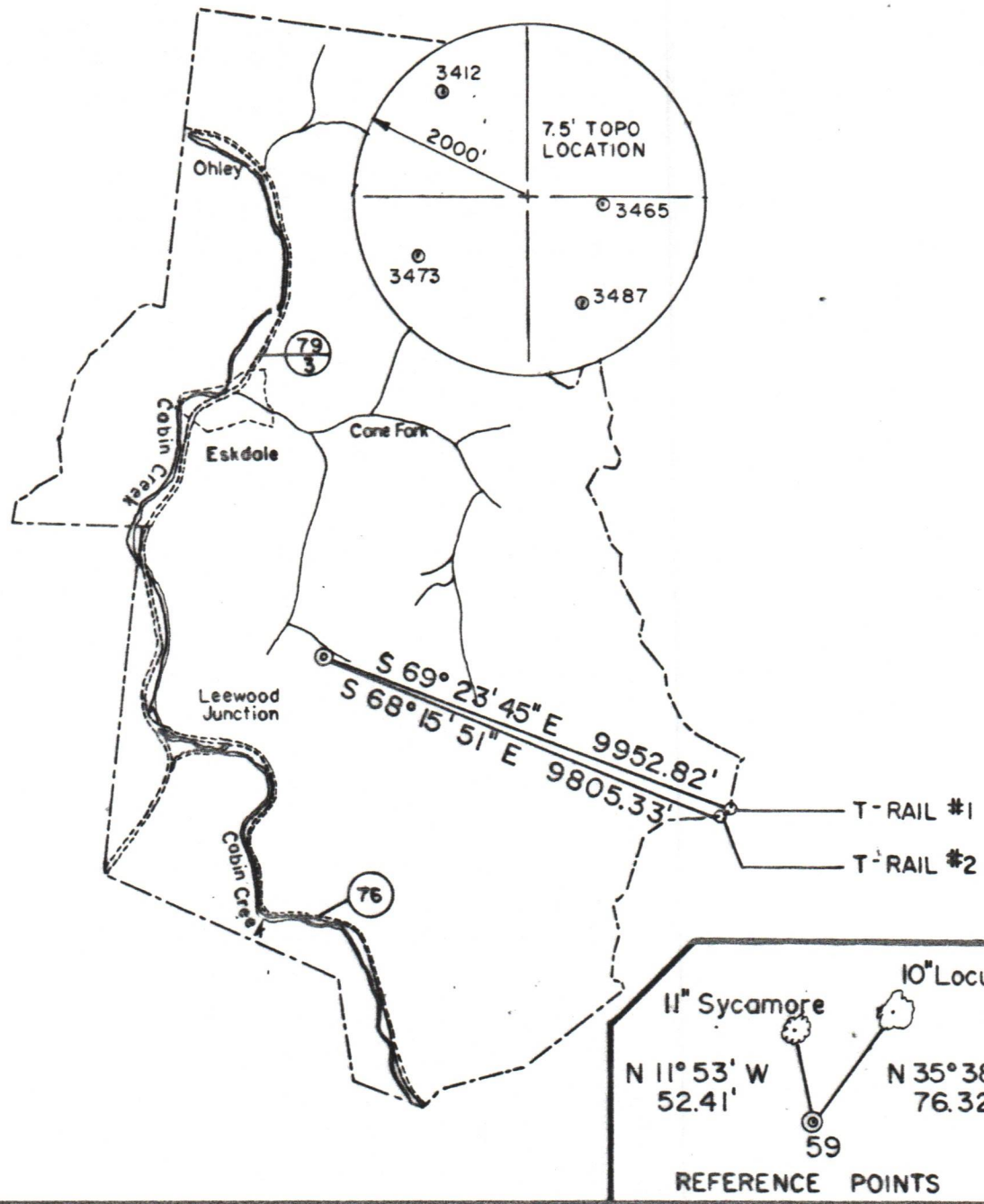
5925'

COAL COORDINATES
N 14714.85
E 15190.21

LATITUDE 38° 05' 00"

LONGITUDE 81° 25' 00"

3700'



FILE NO. 100Q02-01
 DRAWING NO. _____
 SCALE 1" = 4000'
 MINIMUM DEGREE OF ACCURACY 1" in 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) Charles L. Bryan
 R.P.E. 9321 L.L.S. _____

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



Department of Mines
 Oil & Gas Division

DATE SEPTEMBER 6, 19 84
 OPERATOR'S WELL NO. 59
 API WELL NO. _____
47 - 039 - 4070
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 1604.0' WATER SHED CANE FORK
 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
 LEASE NO. _____
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
 STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION X 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

02/09/2024

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

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OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4070

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>Ohley Trust</u>	16			Kind of Packer
Well No. <u>#59</u>	13			
District <u>CABIN CR.</u> County <u>KAN.</u>	10			Size of
Drilling commenced <u>9/27/84</u>	8 1/4			
Drilling completed <u>10-5-84</u> Total depth <u>5000'</u>	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 Petro Service Rig

Remarks: Move in Rig up SWAB Well

10/19/84
DATE

Rod Nelson
DISTRICT WELL INSPECTOR 02/09/2024

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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		
	CEMENT-THICKNESS	WOOD-SIZE			RECOVERED	SIZE	LOST
	PLUGS USED AND DEPTH PLACED				CASING AND TUBING		

Drillers' Names _____

Remarks: _____

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

DISTRICT WELL INSPECTOR
02/09/2024