



1) Date: July 5, 19 84
 2) Operator's Well No. Ohley Trust #44
 3) API Well No. 47 - 039 - 4041
 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: 1790' Watershed: Kanawha River (K)
 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 _____
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, 4825 feet
 13) Approximate trata depths: Fresh, 545 feet; salt, 1525 feet.
 14) Approximate coal seam depths: 1320 El. Is coal being mined in the area? Yes / No _____ /

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 JUL 10 1984
 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		685'	685'	300 cts	By Rule 15.05
Coal	7"	SMLS	23	X		3065'	3065'	200 cts	Sizes
Intermediate									
Production	4 1/2"	SMLS	10.5	X		4825'	4825'	300 sks	Depths set Or as Required
Tubing									By Rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-039-4041 Date July 11, 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 July 11, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <u>LS</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>003 - 277</u>
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Margaret J. Dasse
 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) APL Well No: _____

4) LOCATION: _____

5) WELL OPERATOR: _____

6) OIL & GAS INSPECTOR TO BE NOTIFIED: _____

7) PROPOSED WELL WORK: _____

8) GEOLOGICAL TARGET FORMATION: _____

9) APPROXIMATE TOTAL DEPTH: _____

10) APPROXIMATE TOTAL DEPTH: _____

11) APPROXIMATE TOTAL DEPTH: _____

12) APPROXIMATE TOTAL DEPTH: _____

13) APPROXIMATE TOTAL DEPTH: _____

14) APPROXIMATE TOTAL DEPTH: _____

Casing or Tubing Type	Size	Grade	Weight	Permit Status		Footage Intervals	Cement Plug	Packer
				Permit	Work			
Production	2 1/2"	S&W	20.5	X		3005'	3005'	300 ccs
Intermediate	7"	S&W	23	X		3005'	3005'	300 ccs
Conductor	8 1/2"	S&W	32	X		3005'	3005'	300 ccs

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: _____

02/09/2024



JUL 6 1984

IV-9
(Rev 8-81)

DATE 5 July, 1984
WELL NO. 44
API NO. 47 - 039 - 4041

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Allegheny & Western Energy DESIGNATED AGENT Roland C. Baer
Address Box 2587, Charleston, WV 25325 Address Box 2587, Chas., 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. Alford
(SCD Agent)

"SEE ATTACHED COMMENTS" *done mtl*

ACCESS ROAD	LOCATION
Structure <u>Drain Ditch</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>Ditch Line</u>	Material <u>Cut in side of Location</u>
Page Ref. Manual <u>2:12</u>	Page Ref. Manual <u>2:12 & 2:13</u>
Structure <u>_____</u> (B)	Structure <u>Siltation Barrier</u> (2)
Spacing <u>_____</u>	Material <u>Straw</u>
Page Ref. Manual <u>_____</u> JUL 10 1984	Page Ref. Manual <u>2:18</u>
Structure <u>_____</u> (C)	Structure <u>Pit</u> (3)
Spacing <u>_____</u> OIL & GAS DIVISION DEPT. OF MINES	Material <u>Dug-out-plastic lined</u>
Page Ref. Manual <u>_____</u>	Page Ref. Manual <u>_____</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

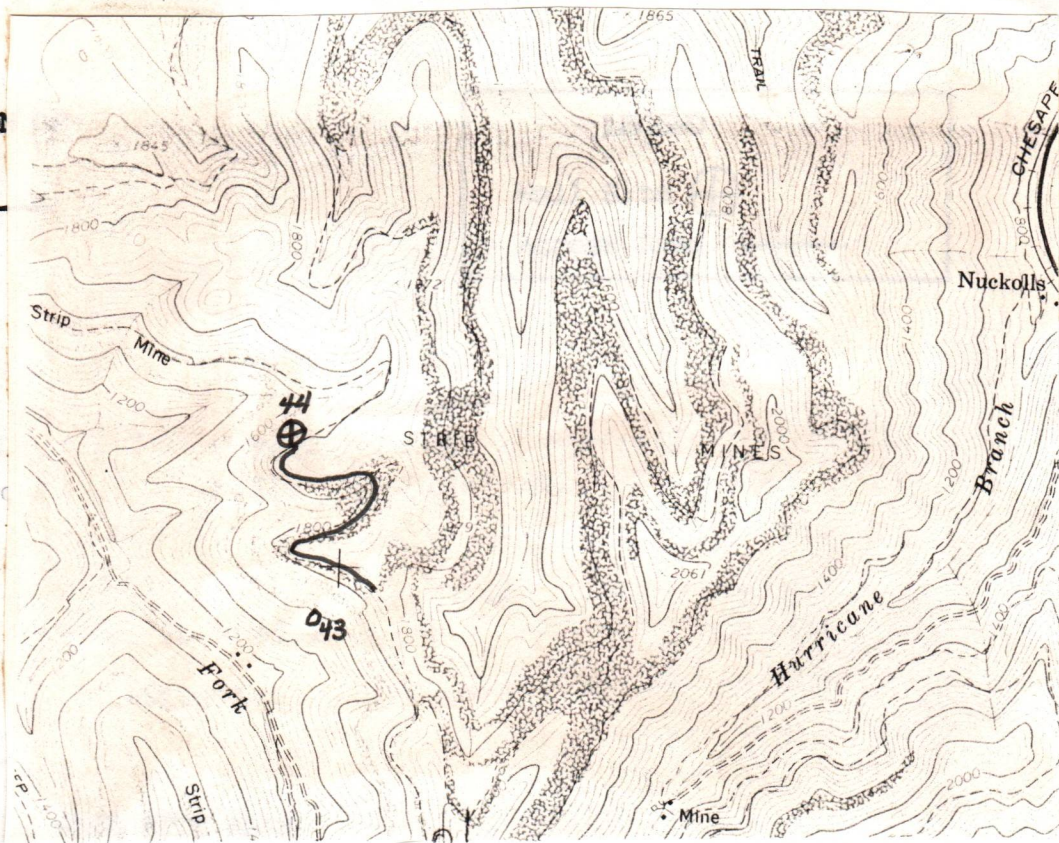
Treatment Area I	SAME AS AREA I Treatment Area II
Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>	Lime _____ Tons/acre or correct to pH _____
Fertilizer <u>1000</u> lbs/acre (10-20-20 or equivalent)	Fertilizer _____ lbs/acre (10-20-20 or equivalent)
Mulch <u>Straw</u> 3 Tons/acre	Mulch _____ Tons/acre
Seed* <u>Ky 31 Fescue</u> 50 lbs/acre	Seed* _____ lbs/acre
<u>Annual Rye</u> 30 lbs/acre	_____ 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 cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY William E. Bennett ADDRESS Box 2683 Charleston, WV 25330 PHONE NO. 345-0216 02/09/2024

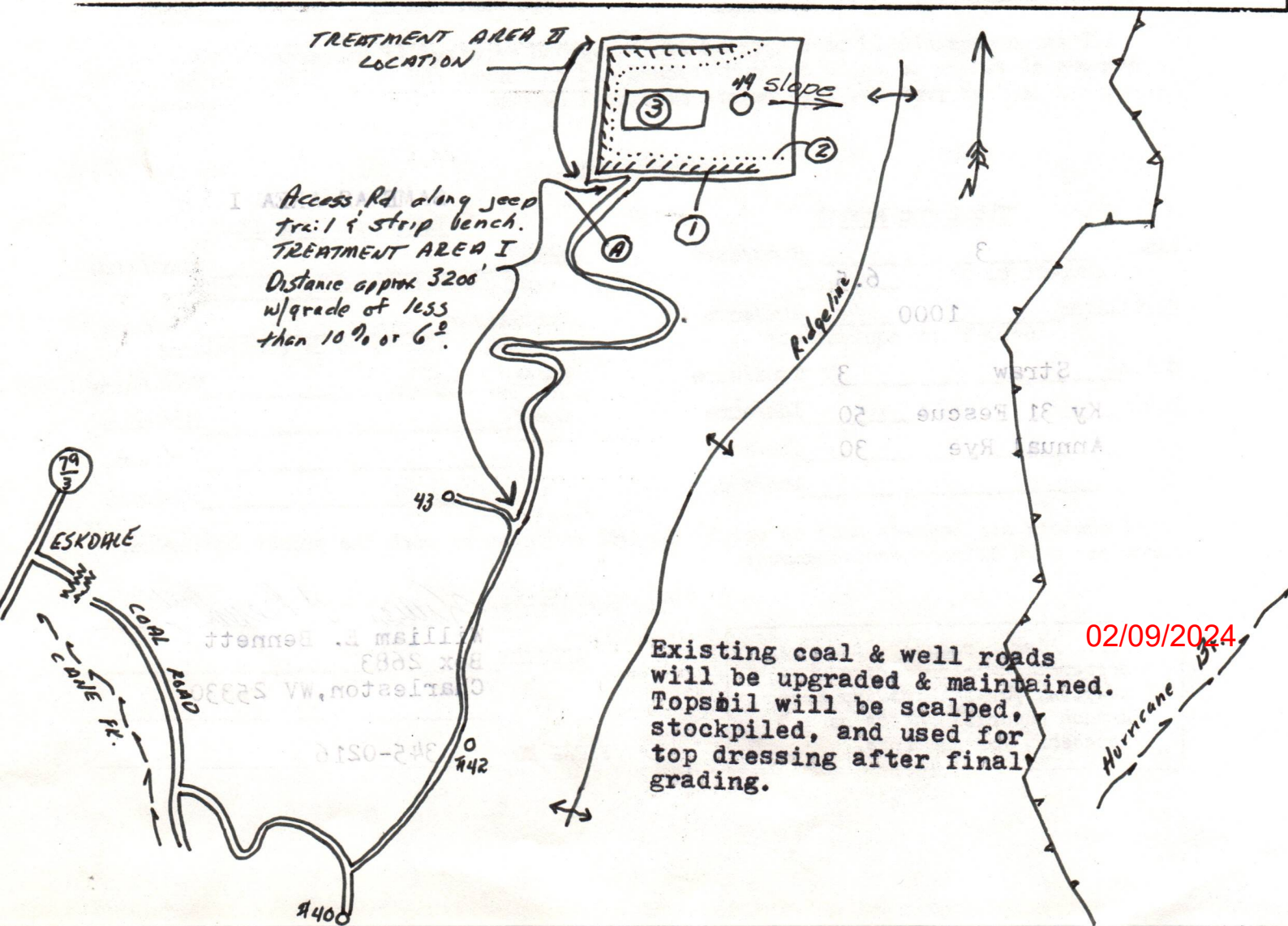
ATTACH OR PHOTOCOPY SECTION INVOLVED TOPOGRAPHIC MAP. QUADRANGLE ESKDALE 7 1/2



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

LEGEND

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



1) Date: July 5, 19 84
2) Operator's
Well No. Ohley Trust #44
3) API Well No. 47 - 039 - 4041
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 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.

RECEIVED
JUL 10 1984

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 5th day of July, 1984.
My commission expires June 3, 1992.

Notary Public, Marshall County,
State of West Virginia

WELL

OPERATOR Allegheny & Western Energy Corp.

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

02/09/2024

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>
Farmout from:			Not
Columbia Gas Transmission Corp.		1/8	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. Chiley Trust #44
 3) API Well No. 47 State 039 County 039 Permit 039

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: 1790' 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
Scarbore, 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, Injun, Weir & Devonian Shale
- 12) Estimated depth of completed well, 4825 feet
 13) Approximate strata depths: Fresh, 545 feet; salt, 1525 feet.
 14) Approximate coal seam depths: 1320 ft. Is coal being mined in the area? Yes X / No
- 15) CASING AND TUBING PROGRAM

RECEIVED
 JUL 10 1984
 OIL & GAS DIVISION
 DEPT. OF MINE

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	9-5/8"	SMLS	32	X		695'	695'	300 cts		By Rule 15.05
Coal	7"	SMLS	23	X		3065'	3065'	200 cts		Sizes
Intermediate										
Production	4 1/2"	SMLS	10.5	X		4825'	4825'	300 sbs		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 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 Colling Co.
T. J. Bonham
 Its Chief Engineer

02/09/2024
 Coal Owner



1) Date: July 5, 19 84
 2) Operator's Well No. Obley Trust #44
 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 X /
 B (If "Gas", Production X / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 1790' Watershed: Kanawha River
 District: Cabin Creek County: Kanawha Quadrangle: Beckdale
- 6) WELL OPERATOR Allegheny & Eastern Energy Corp. 7) DESIGNATED AGENT Roland C. Saar, 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
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)
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- 15) CASING AND TUBING PROGRAM

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 OIL & GAS DIVISION
 DEPT. OF MINE

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>4-5/8"</u>	<u>SMLS</u>	<u>32</u>	<u>X</u>		<u>685'</u>	<u>685'</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>3065'</u>	<u>3065'</u>	<u>200 cts</u>		<u>Sizes</u>
Intermediate										
Production	<u>4 1/2"</u>	<u>SMLS</u>	<u>10.5</u>	<u>X</u>		<u>4825'</u>	<u>4825'</u>	<u>300 sks</u>		<u>Depths set Or as Required</u>
Tubing										<u>By Rule 15.01</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 James Elliott
 Its Agent Date 7-5-84

 (Signature) Date: _____

 (Signature) Date: _____

**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)

RECEIVED
SEP 6 - 1984

OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date August 10, 1984
Operator's
Well No. Ohley #44
Farm Ohley Trust
API No. 47 - 039 - 4041

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: 1790 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, Trustee WV
ADDRESS Rm. 510, 1st National Bank Bldg., Fairmont
MINERAL RIGHTS OWNER Ohley Coal Co.
ADDRESS See Allegheny & Western
OIL AND GAS INSPECTOR FOR THIS WORK _____
R. Dillon ADDRESS P.O. Box 30, Scarbro, WV
PERMIT ISSUED 7/11/84
DRILLING COMMENCED 7/26/84
DRILLING COMPLETED 7/28/84
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 cf
8 5/8			
7	1746	1746	125 cf
5 1/2			
4 1/2	4820	4820	130 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Injun, Weir, Devonian Shale Depth 2790, 2912 feet
Depth of completed well 4825 feet Rotary x / Cable Tools _____
Water strata depth: Fresh 545 feet; Salt 1525 feet
Coal seam depths: 1320 El. Is coal being mined in the area? Yes

OPEN FLOW DATA
Producing formation Injun, Weir Pay zone depth 2790, 2912 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 400 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation Devonian Shale Pay zone depth 3336 feet
Gas: Initial open flow 800 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 800 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. 4041

02/09/2024

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

Perforated 2769 to 2817 -- 10 holes
2863 to 3721 -- 30 holes

Acidized 9,000 gallons of 15% HCl Frac 20,300 CCF N₂
1800 CCF of 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	60	
Shale			60	565	
Coal			565	580	
Shale			580	1330	
Sand & Shale			1330	1648	
Shale			1648	2534	
Pencil Cave			2534	2548	
Shale			2548	2630	
Big Lime			2630	2790	
Big Injun			2790	2860	
Shale			2860	2912	
Weir			2912	2926	
Shale			2926	3220	
Lower Weir			3220	3240	
Coffee Shale			3240	3280	
Berea			3280	3336	
Devonian Shale			3336	4825	TD

(Attach separate sheets as necessary)

Allegheny & Western Energy Corp.

Well Operator

02/09/2024

By: *R. J. Less*

Date: August 10, 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."

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

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

Permit No. 039-4041

Oil or Gas Well _____
(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>Ohley Trust</u>	<u># 44</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
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 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 #32

Remarks: Trip for Bit at 1475 ft.

7/27/84
DATE

Rod Dill
DISTRICT WELL INSPECTOR

02/09/2024

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

Permit No. 039-4041

Oil or Gas Well GAS
(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			
Well No. <u>#44</u>	13			Size of _____
District <u>CABIN CR</u> County <u>MAN</u>	10			
Drilling commenced _____	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 1/2			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used _____			
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			Perf. top _____
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			Perf. bottom _____
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: LOCATION Reclaimed
Needs To Be Seeded

9/9/84
DATE

[Signature] 02/09/2024

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DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

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OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 039-4041

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>Charleston</u>				
<u>Ohley Trust</u>				
<u># 44</u>				
<u>Cabin Creek</u> County <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
	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: Go To MAKE FINAL Inspection
Location Reclaimed & Seeded I.D. on well
Going To Wait awhile Before Releasing
Might Need To Be Reseeded

9-24-84

DATE

Bob Dutton

DISTRICT WELL INSPECTOR

02/09/2024

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

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INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 039-4041

Oil or Gas Well _____
(KIND)

Company <u>Allegheny & Western</u> Address <u>Charleston</u> Farm <u>Obley Trust</u> Well No. <u>#44</u> District <u>Cabin Creek</u> County <u>Kan</u> 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			Kind of Packer _____
	16			Size of _____
	13			Depth set _____
	10			Perf. top _____
	8 1/4			Perf. bottom _____
	6 5/8			Perf. top _____
	5 3/16			Perf. bottom _____
	3			
	2			
Liners Used				

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names F.W.A. Rig #22

Remarks: Mud up hole before running 4 1/2
Hole Caving Bad

8/2/84
DATE

Bob Williams
DISTRICT WELL INSPECTOR

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. 039-4041

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>#44</u>	13			
District <u>CABIN CR</u> County <u>KAN</u>	10			Size of
Drilling commenced <u>8-25-84</u>	8 1/4			
Drilling completed <u>9/13/84</u> 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: Reclaimed & Seeded ID on well
GRASS Growing
Some Brush Needs To Be Cut Before Releasing

11/21/84
DATE

Loel Deller
DISTRICT WELL INSPECTOR
02/09/2024



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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 039-4041

P. O. Box 2587

FARM & WELL NO Ohley Trust #44

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 Carlos W. Huieley

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. L. ...

Administrator-Oil & Gas Division

May 13, 1985

DATE



APR 12 - 85 039-4041
ALLEGHENY & WESTERN ENERGY CORPORATION

1600 KANAWHA VALLEY BUILDING, CHARLESTON, WV 25301

(304) 343-4567

December 30, 1985

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Lonnie Carpenter
NGPA Section
307 Jefferson Street
Charleston, WV 25311

RE: Ohley 44

Dear Mr. Carpenter:

In reference to the above captioned well, Allegheny and Western Energy Corporation request withdrawal of our 107 filing.

If you have any questions, please let me know.

Sincerely,

Debbie J. Auxier

DA/ds

cc: Jennifer Currey

02/09/2024

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)

1.0 API well number (If not assigned leave blank. 14 digits.) 47 - 039 - 4041 -

2.0 Type of determination being sought (Use the codes found on the front of this form.) 107
Section of NGPA 107 Category 107

3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above) _____ feet

4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available leave blank.)
Allegheny & Western Energy Corporation Name
P.O. Box 2587 Street
Charleston City WV State 25329 Zip Code

5.0 Location of this well (Complete (a) or (b).)
 (a) For onshore wells (35 letters maximum for field name)
Cabin Creek District Field Name
Kanawha County WV State
 (b) For OCS wells
 Area Name _____ Block Number _____
 Date of Lease _____
 Mo. Day Yr. N/A OCS Lease Number NA

(c) Name and identification number of this well (35 letters and digits maximum)
Ohley 44

(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum)

6.0 (a) Name and code number of the purchaser (35 letters and digits maximum. If code number not available leave blank.)
Mountaineer Gas Company Name NA Buyer Code

(b) Date of the contract:

 Mo. Day Yr. N/A

(c) Estimated total annual production from the well:
 _____ Million Cubic Feet

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 DEPT. OF MINES N/A

	(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-))	(d) Total of (a), (b) and (c)
7.0 Contract price (Specify in rate. Complete to 3 decimal places.)	S M M B T U <u>3.400</u>	_____	_____	<u>3.400</u>
8.0 Maximum tax rate (Averaging method. Complete to 3 decimal places.)	S M M B T U _____	<u>DEREGULATED</u>	_____	_____

9.0 Person responsible for this application:
R. H. Hess Name President Title
R. H. Hess Signature
2/4/85 Date Application is Completed 304-343-4327 Phone Number

Agency Use Only
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MAR 21 1985
 DATE RECEIVED BY AGENCY

02/09/2024

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: _____, 19 85

Applicant's Name: Allegheny & Western Energy

Address: P.O. Box 2587
Charleston, WV 25329

Gas Purchaser Contract No. _____

Date of Contract NA
(Month, day and year)

First Purchaser: Mountaineer Gas Company

Address: P.O. Box 3152 Charleston, WV
(Street or P.O. Box)
(City) (State) (Zip Code)

FERC Seller Code _____

AGENCY USE ONLY
WELL DETERMINATION FILE NUMBER
850321 - 107-039-4041
Use Above File Number on all
Communications Relating to This Well

Designated Agent: Roland C. Baer, Jr.

Address: P.O. Box 2587
Charleston, WV 25329

FERC Buyer Code _____

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL BE ADDRESSED:

Name: R H Hess (Print) President (Title)

Signature: *R H Hess*

Address: P.O. Box 2587
(Street or P.O. Box)
Charleston, WV 25329
(City) (State) (Zip Code)

Telephone: (304) 343-4327
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

- 108 Stripper Well Natural Gas
- 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Buildup

- 103 New Onshore Production Well
- 103 New Onshore Production Well

- 107 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressured Brine
- 107-2 Coal Seams
- X 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

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OIL & GAS DIV.
DEPT. OF MINES

AGENCY USE ONLY
WR Top Rev 3336
Work sheet 2000
109
Debbie will be looking
to check on this
WD per letter of 12/30/85
02/09/2024

Date _____
Operator's Well No. Chley 44
API Well No. _____
47 - 039 - 4041
State County Permit

WELL CLASSIFICATION FORM
HIGH COST GAS WELL - DEVONIAN SHALE
NGPA Section 107

DESIGNATED AGENT Roland C. Baer, Jr.
ADDRESS P.O. Box 2587
Charleston, WV 25329
LOCATION Elevation 1790
WELL OPERATOR Allegheny & Western Energy Corp. Watershed Cane Creek
Dist. Cabin Crk. County Kanawha Quad. Eskdale
Gas Purchase Contract No. KAN-1
Meter Chart Code _____
Date of Contract 6-21-84

ADDRESS P.O. Box 2587
Charleston, WV 25329
GAS PURCHASER Mountaineer Gas Company
ADDRESS P.O. Box 3152
Charleston, WV 25332

* * * * *

Date surface drilling began: 7/26/84

Indicate the bottom hole pressure of the well and explain how this was calculated.
From Department of Interior Monograph 7

BHP = Absolute static pressure plus pressure from gas column
BHP = (515 +) + (Specific Gravity X Depth)
BHP = (515 + 51)
BHP = 566

AFFIDAVIT

I, Robert H. Hess, having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(1) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

R. H. Hess

STATE OF WEST VIRGINIA
COUNTY OF KANAWHA, TO-WIT:

I, Deborah J. Kuhl Auxier, a Notary Public in and for the state and county aforesaid, do certify that R. H. Hess, whose name is signed to the writing above, bearing date the _____ day of February, 1985, has acknowledged the same before me, in my county aforesaid.

02/09/2024

Given under my hand and official seal this _____ day of February, 1985.
My term of office expires on the 29 day of May, 1990.

Deborah J. Kuhl Auxier
Notary Public

(NOTARIAL SEAL)

Ohley Trust # 44

47-039-4041

On the basis of the Gamma Ray Log, the top of the Devonian Interval is established at 3336 feet and the base at 3776 feet. a total of 430 feet.

The 5% disqualifying factor is therefore, established as $.05 \times$ 430 feet of 21.5 feet.

The Gamma ray shale base line = 121
the 70% Gamma ray index line is 88

The total footage of disqualifying footage was calculated to be 7 feet or 1.627 %.

This well qualifies for Devonian Shale pricing.

02/09/2024

mn 7/10/84

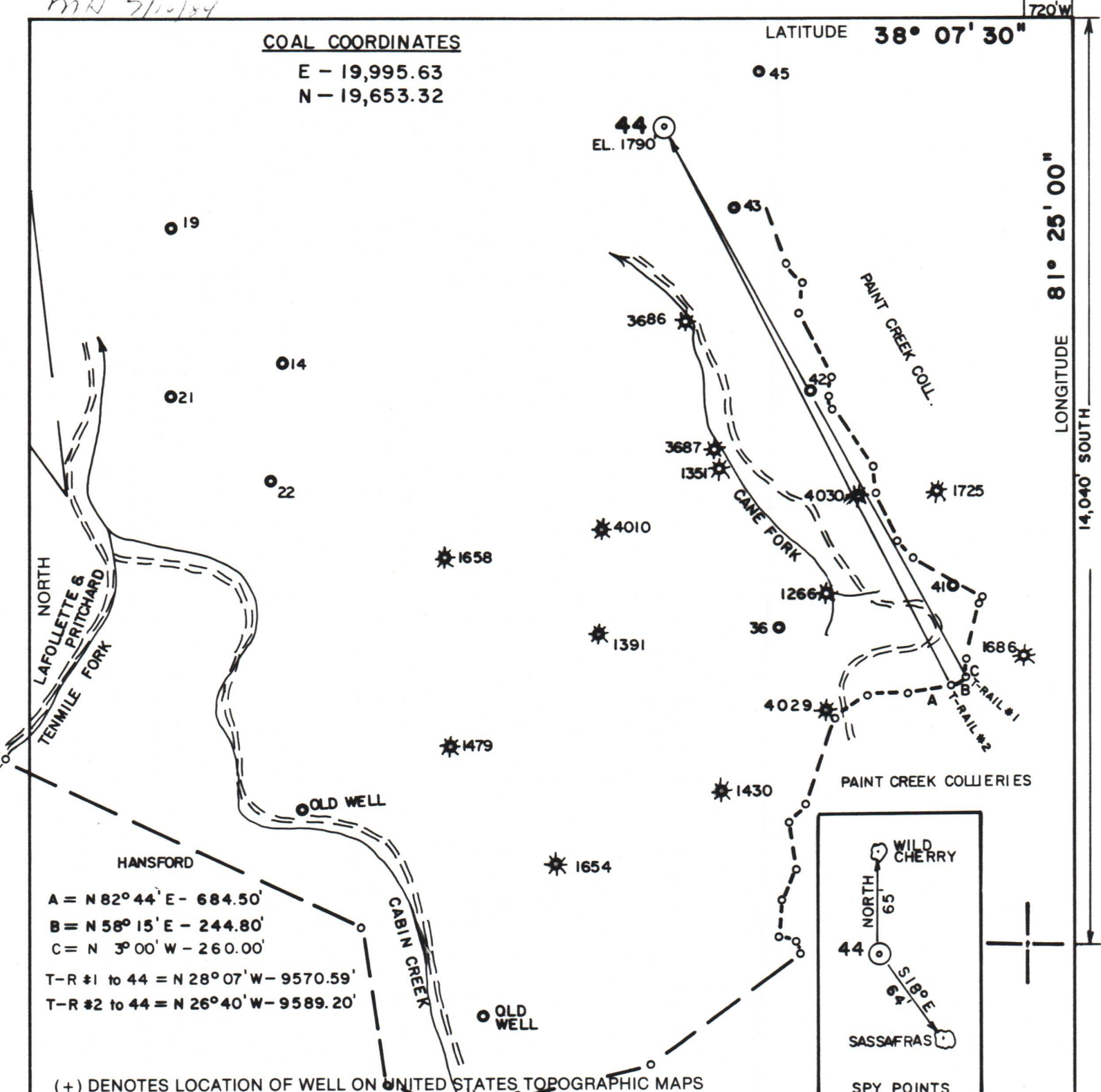
720'W

COAL COORDINATES

E - 19,995.63
N - 19,653.32

LATITUDE 38° 07' 30"

LONGITUDE 81° 25' 00"
14,040' SOUTH



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 44 = N 28° 07' W - 9570.59'
 T-R #2 to 44 = N 26° 40' W - 9589.20'

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

FILE NO. **84-370**
 DRAWING NO. _____
 SCALE **1" = 2000'**
 MINIMUM DEGREE OF ACCURACY **1/2500'**
 PROVEN SOURCE OF ELEVATION **ESKDALE (812')**

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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**, 19 **84**
 OPERATOR'S WELL NO. **44**
 API WELL NO. _____

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION **1790** 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**

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

02/09/2024

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

COUNTY NAME PERMIT