



1) Date: February 28, 19 84  
 2) Operator's Well No. 12 Central Appal. Coal Co  
 3) API Well No. 47 - 039 - 4009  
 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: 1360' Watershed: Kanawha River  
 District: Cabin Creek County: Kanawha Quadrangle: Montgomery
- 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 J. Holcomb  
 Address RRI, Box 28  
Hamlin, WV 25523
- 9) DRILLING CONTRACTOR: Name FWA Drilling  
 Address Elkview, WV 25071
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate   
 Plug off old formation  / Perforate new formation  /  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Weir  
 12) Estimated depth of completed well, 2560' feet  
 13) Approximate trata depths: Fresh, 100' feet; salt, 1040' feet.  
 14) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes

**RECEIVED**  
 MAR 29 1984  
 OIL & GAS DIVISION  
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	By Rule
Conductor		SMLS	32	X		350'	350'	150' cts		15.05
Fresh water	9-5/8"									
Coal	7"	SMLS	23	X		2130'	2130'	150	Sizes	
Intermediate										
Production	4-1/2"	SMLS	10.5	X		2560'	2560'	300 sks	Depths set	Or as
Tubing										required by
Liners									Perforations:	rule 15.01
									Top	Bottom

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-039-4009

March 29, 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 March 29, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <b>BLANKET</b>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>003-111</u>
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[Signature]  
 Administrator, Office of Oil and Gas

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

FORM IV-2(B)  
Reverse

FILE COPY



FILE COPY

FORM IV-2(B)  
(Reverse)  
7-81

OFFICE USE ONLY

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

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DEPT. OF MINES  
OIL & GAS DIVISION

1) WELL LOCATION: (a) Well No., (b) District, (c) County, (d) Township, (e) Range, (f) Section, (g) Elevation, (h) Waterbed, (i) Underflow storage, (j) Depth, (k) Shallow, (l) Other physical change in well (specify), (m) Plug off old formation, (n) Perform new formation, (o) Dill, (p) deeper, (q) Stimulate, (r) Other physical change in well (specify), (s) Estimated depth of completed well, (t) Approximate gas depth, (u) Approximate coal seam depths, (v) Casing and tubing program, (w) Casing or tubing type, (x) Size, (y) Grade, (z) Weight per ft., (aa) New, (ab) Used, (ac) Footing, (ad) Footage intervals, (ae) Cement filter or sacks, (af) Kind, (ag) Size, (ah) Depth, (ai) Packers

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: \_\_\_\_\_  
Agent: \_\_\_\_\_  
Plan: \_\_\_\_\_  
Casting: \_\_\_\_\_  
Fee: \_\_\_\_\_  
BlANKET

02/16/2024

FEB. 22 1984



IV-9  
(Rev 8-81)

DATE 20 February, 1984  
WELL NO. 12  
API NO. 47 - 039 - 4009

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Allegheny & Western Energy DESIGNATED AGENT Roland G. Baer  
Address P.O. Box 2587, Charleston, WV Address Box 2587, Charleston, WV 25329  
Telephone 343-4327 Telephone 343-4327  
LANDOWNER Central Appalachian Coal Co. SOIL CONS. DISTRICT Capitol  
Revegetation to be carried out by \_\_\_\_\_ Agent \_\_\_\_\_ (Agent)

This plan has been reviewed by Capitol SCD. All corrections  
and additions become a part of this plan: \_\_\_\_\_ (Date) \_\_\_\_\_

MAR. 1 1984  
R. C. Alford  
(SCD Agent) RECEIVED  
MAR 27 1984

ACCESS ROAD

OIL & GAS DIVISION  
LOCATION  
DEPT. OF MINES

Structure Drain Ditch (A)  
Spacing Ditch Line  
Page Ref. Manual 2-2  
Structure \_\_\_\_\_ (B)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (C)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure Drilling pit (1)  
Material Earth-Plastic lined  
Page Ref. Manual 2-12, 2-13 N/A  
Structure Diversion Ditch (2)  
Material Earth  
Page Ref. Manual 2-12, 2-13  
Structure Siltation barrier (3)  
Material Straw  
Page Ref. Manual 2-18

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

REVEGETATION

Treatment Area I

Lime 3 Tons/acre  
or correct to pH 6.5  
Fertilizer 1000 lbs/acre  
(10-20-20 or equivalent)  
Mulch Straw 3 Tons/acre  
Seed\* Ky 31 50-40 lbs/acre  
Annual Rye 30 20 lbs/acre  
\_\_\_\_\_ lbs/acre

SAME AS AREA I

Treatment Area II

Lime \_\_\_\_\_ Tons/acre  
or correct to pH \_\_\_\_\_  
Fertilizer \_\_\_\_\_ lbs/acre  
(10-20-20 or equivalent)  
Mulch \_\_\_\_\_ Tons/acre  
Seed\* \_\_\_\_\_ lbs/acre  
\_\_\_\_\_ lbs/acre  
\_\_\_\_\_ lbs/acre

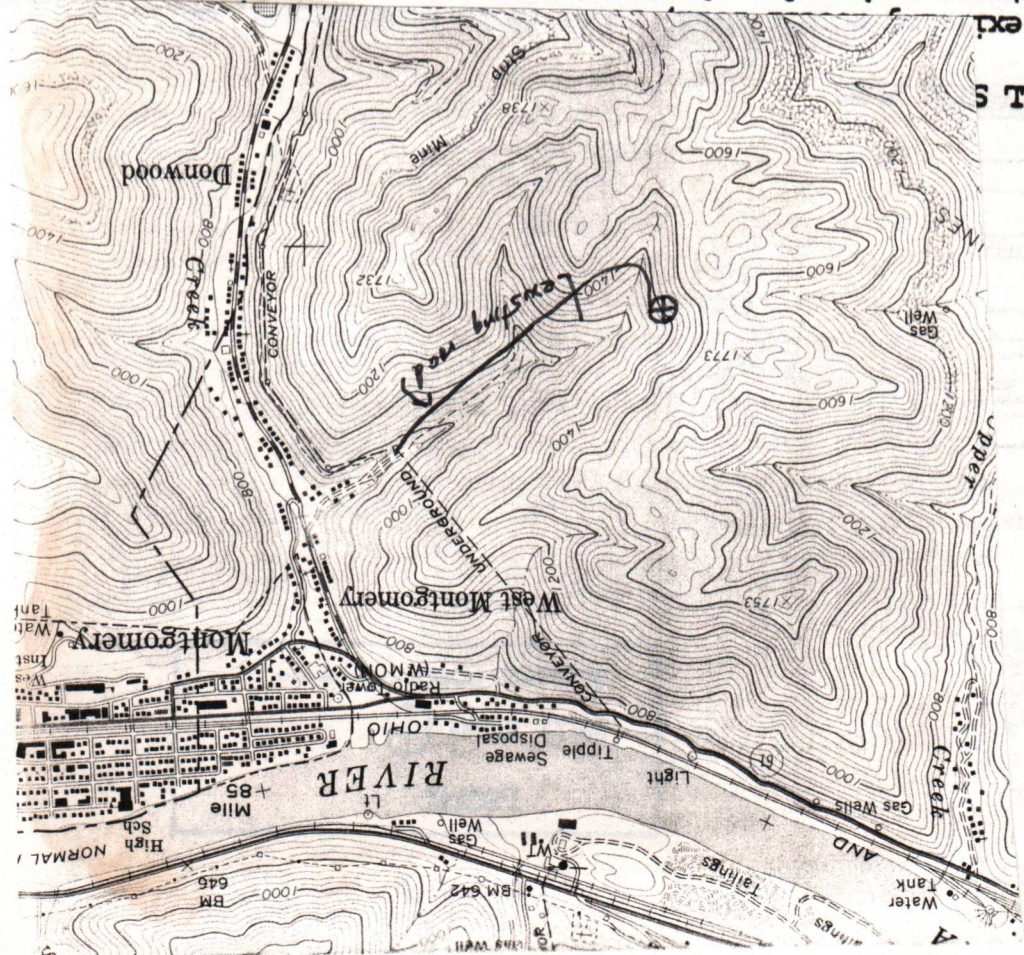
\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

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

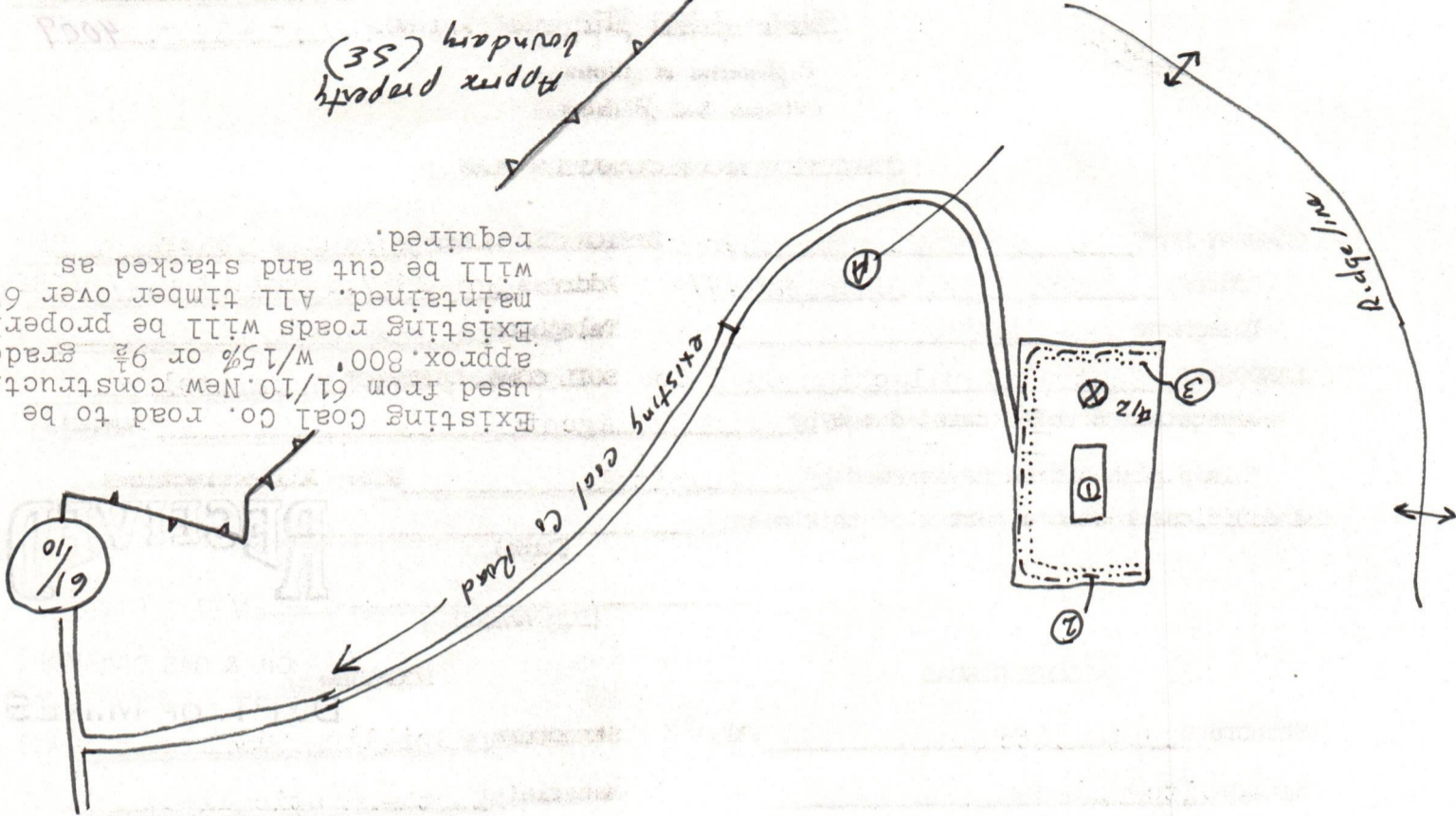
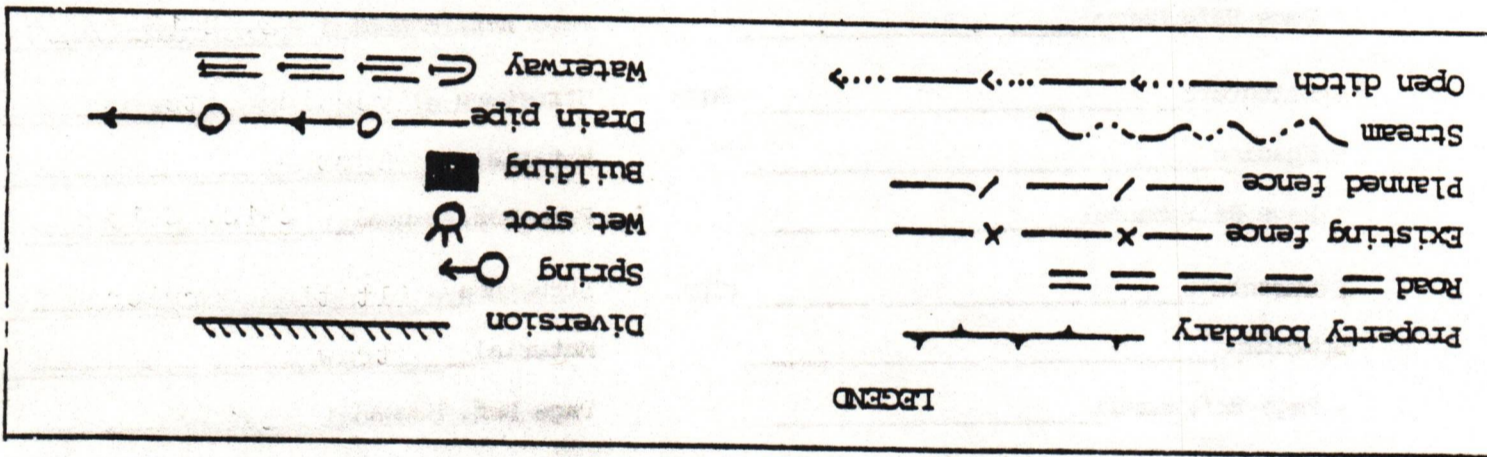
PLAN PREPARED BY William E. Bennett 02/16/2024  
ADDRESS Box 2683  
Charleston, WV 25330  
PHONE NO. 345-0216

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

02/16/2024



Sketch to include well location, existing pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.



Existing Coal Co. road to be used from 61/10. New construction approx. 800' w/15% or 9 1/2 grade. Existing roads will be properly maintained. All timber over 6" will be cut and stacked as required.



1) Date: February 26, 19 84  
 2) Operator's Well No. 12 Central Appal. Coal Co  
 3) API Well No. 47 State 030 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: 1360' Watershed: Kanawha River  
 District: Cabin Creek County: Kanawha Quadrangle: Montgomery
- 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 J. Holcomb Name PWA Drilling  
 Address RR1, Box 28 Address Elkview, WV 25071  
Hamlin, WV 25523
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate  /  
 Plug off old formation  / Perforate new formation  /  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Weir  
 12) Estimated depth of completed well, 2560' feet  
 13) Approximate trata depths: Fresh, 100' feet; salt, 1040' feet.  
 14) Approximate coal seam depths: \_\_\_\_\_ 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		SMLS	32	X		350'	350'	150' cts	Kinds By Rule 15.05
Fresh water	9-5/8"								
Coal	7"	SMLS	23	X		2130'	2130'	150	Sizes
Intermediate									
Production	4-1/2"	SMLS	10.5	X		2560'	2560'	300 sks	Depths set Or as required by rule 15.01
Tubing									
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 C.A.C.Co / owner \_\_\_\_\_ / lessee C.A.C.Co / 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: March 22, 19 84

Central Appalachian Coal Corporation  
 By M.P. Vargo  
 Its Resident Engineer  
02/16/2024  
 Coal Owner



1) Date: February 16, 19 84  
 2) Operator's Well No. Central Appal. Coal Corp. #9  
 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: 1370' Watershed: Kanawha River  
 District: Cabin Creek County: Kanawha Quadrangle: Montgomery
- 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 J. Holcomb  
 Address RRI, Box 28  
Hamlin, WV 25523
- 9) DRILLING CONTRACTOR: Name FWA Drilling  
 Address Elkview, WV 25071
- 10) PROPOSED WELL WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate X /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation X /  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Weir
- 12) Estimated depth of completed well, 2770' feet
- 13) Approximate strata depths: Fresh, 100' feet; salt, 1250' feet.
- 14) Approximate coal seam depths: 1280' El. Is coal being mined in the area? Yes X / No \_\_\_\_\_
- 15) CASING AND TUBING PROGRAM

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 OIL & GAS DIVISION  
 DEPT. OF MINES

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	By Rule
Conductor		SMLS	32	X		350'	350'	150 cts		By Rule 15.05
Fresh water	9-5/8"									
Coal	7"	SMLS	23	X		2340'	2340"	150	Sizes	
Intermediate										Or as
Production	4 1/2"	SMLS	10.5	X		2770'	2770'	300 sks	Depths set	Required by Rule 15.01
Tubing										
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 E.A.C.C. / 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: March 26, 19 84

By Richard D. Ealy Jr  
 Its Manager of Properties

02/16/2024  
 Coal Owner

1) Date: March 22, 1984  
2) Operator's  
Well No. Cent. Appal. Coal Corp. #12  
3) API Well No. 47 - 039 - 4009  
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 Eastern Associated Coal Corp.  
Address Koppers Building  
Pittsburg, PA 15219  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR Central Appalachian Coal Co.  
Address 343 Morris Drive  
Montgomery, WV 25136  
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Same as Surface Owner  
Address " " "  
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.

RECEIVED  
MAR 29 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

- 6) EXTRACTION RIGHTS  
Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
- 7) ROYALTY PROVISIONS  
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No 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  
RH Less  
this 22 day of MARCH, 1984.  
My commission expires June 3, 1992.

Notary Public, Hancock County,  
State of WEST VIRGINIA

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

02/16/2024

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

CONCERNING THE LINE ITEMS:

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

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

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

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

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

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

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

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
Assignment from: Ray Resources Division Flying Diamond Oil Corp.	Reel Drilling Program (Allegheny & Western Energy Corporation)	1/8	1826 463

4-22-77



**SURFACE OWNER'S COPY**



1) Date: February 28, 19 84  
 2) Operator's Well No. 12 Central Appal. Coal Co  
 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: 1360' Watershed: Kanawha River  
 District: Cabin Creek County: Kanawha Quadrangle: Montgomery
- 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 J. Holcomb Name FWA Drilling  
 Address RR1, Box 28 Address Elkview, WV 25071  
Hanlin, WV 25523
- 10) PROPOSED WELL WORK: Drill X / Drill deeper            / Redrill            / Stimulate             
 Plug off old formation            / Perforate new formation X /  
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Weir  
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 13) Approximate strata depths: Fresh, 100' feet; salt, 1040' feet.  
 14) Approximate coal seam depths:            Is coal being mined in the area? Yes            / No

**RECEIVED**  
 MAR 29 1984  
 OIL & GAS DIVISION  
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor		SMLS	32	X		350'	350'	150' cts	Kinds <u>By Rule 15.05</u>
Fresh water	6-5/8"								Sizes
Coal	7"	SMLS	23	X		2130'	2130'	150	Depths set <u>Or as required by rule 15.01</u>
Intermediate									Perforations: <u>          </u>
Production	4-1/2"	SMLS	10.5	X		2560'	2560'	300 aka	Top <u>          </u> Bottom <u>          </u>
Tubing									
Liners									

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.)  
 NAME: Eastern Associated Coal Corp.  
 By Marshall D. Eady Jr.  
 Its Manager of Operations Date 3/26/84

(For execution by natural persons)  
 \_\_\_\_\_ Date: \_\_\_\_\_  
 (Signature)  
 \_\_\_\_\_ Date: \_\_\_\_\_  
 (Signature)

**02/16/2024**  
 Surface Owner

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

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

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

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

**Where to file comments and obtain additional information:**

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

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

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

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

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

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

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

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

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



RECEIVED  
JUL 10 1984

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date July 6, 1984  
Operator's  
Well No. Central App Coal # 12  
Farm Central App. Coal Company  
API No. 47 - 039 - 4009

OIL & GAS DIVISION  
DEPT. OF MINES

WELL OPERATOR'S REPORT  
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1360' Watershed Kanawha River K  
District: Cabin Creek County Kanawha Quadrangle Montgomery 7.5'

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 Central Appalachian Coal Company  
ADDRESS 343 Morris Drive, Montgomery, WV 25136  
MINERAL RIGHTS OWNER Central App. Coal Company  
ADDRESS 343 Morris Drive, Montgomery, WV 25136  
OIL AND GAS INSPECTOR FOR THIS WORK \_\_\_\_\_  
J. Holcomb ADDRESS RR1 Box 28 Hamlin, WV  
PERMIT ISSUED March 29, 1984  
DRILLING COMMENCED April 3, 1984  
DRILLING COMPLETED April 11, 1984  
IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON \_\_\_\_\_

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10" F	40'	40'	To surf.
9 5/8 I	350'	350'	150 cu ft
8 5/8			
7			
5 1/2			
4 1/2 Q	2565'	2565'	150 cu ft
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Weir Depth 2436 feet  
Depth of completed well 2605' feet Rotary x / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh NA feet; Salt NA feet  
Coal seam depths: 48 Is coal being mined in the area? yes

OPEN FLOW DATA  
Producing formation 387 Weir Pay zone depth 2436 feet  
Gas: Initial open flow 157 Mcf/d Oil: Initial open flow 0 Bbl/d  
Final open flow 157 Mcf/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 8 hours  
Static rock pressure 500 psig (surface measurement) after 24 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours shut in

02/16/2024

KAC  
4009

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

Perforate 2436 - 1 hole 387  
2250 - 2 holes

Frac with 18,800# 20-40 sand, 500 gal 15% HCl.

(E)

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand Shale and Siltstone			0	1106	
Salt Sand	282		1106	1380	
Shale & Sandstone			1380	1900	
Little Lime	331		1900	1954	
Siltstone			1954	2014	
Big Lime	345		2014	2330	
Big Injun	365		2330	2370	
Sand and Siltstone			2370	2418	
Weir	387		2418	2454	
Shale and Siltstone			2454	2605	TD

(Attach separate sheets as necessary)

Allegheny & Western Energy Corporation  
 Well Operator  
 By: RTJ Hess 02/16/2024  
 Date: July 9, 1984

Note: Regulation 2.02(i) provides as follows:  
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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

**RECEIVED**  
APR 10 1984

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

Permit No. 039-4089

Oil or Gas Well  
(KIND)

Company Allegheny & Western Energy  
 Address Charleston, WV  
 Farm EASTERN COAL CO.  
 Well No. 12 CENTRAL COAL CO.  
 District CABIN CREEK County KANAWHA  
 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 9 5/8 SIZE 350 No. FT. 4/4/84  
 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. Drilling Rig 22

Remarks: Run 9 5/8 Casing Cement with 150 SACKS CLASS A Cement

4/4/84  
DATE

Rodney D. [Signature]  
02/16/2024  
DISTRICT WELL INSPECTOR

FORM 20  
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. ~~XXXXXXXXXX~~ Well No. \_\_\_\_\_

COMPANY ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ 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: \_\_\_\_\_

\_\_\_\_\_

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

*Inspector's Signature*

DISTRICT WELLS DIVISION **02/16/2024**

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. 039-4009

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, WV</u>	<u>Eastern Coal</u>	<u># 12</u>	<u>Cabin Creek</u>	<u>Kan.</u>	16			
						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
Volume _____	Cu. Ft.	CASING CEMENTED _____		SIZE _____	No. FT. _____	Date _____	NAME OF SERVICE COMPANY _____		
Rock pressure _____	lbs.	COAL WAS ENCOUNTERED AT _____		FEET _____	INCHES _____				
Oil _____	bbls., 1st 24 hrs.	_____		FEET _____	INCHES _____	FEET _____	INCHES _____		
Fresh water _____	feet	_____		FEET _____	INCHES _____	FEET _____	INCHES _____		
Salt water _____	feet	_____		FEET _____	INCHES _____	FEET _____	INCHES _____		

Drillers' Names \_\_\_\_\_

Remarks: Go With D.N.R. To Check Location And Access Road Under Violation By D.N.R.

5/14/84  
DATE

Loel Wilson  
02-16-2024  
DISTRICT WELL INSPECTOR

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

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

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

Drillers' Names \_\_\_\_\_

Remarks:

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

\_\_\_\_\_  
DISTRICT WELL INSPECTOR 02/16/2024



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

RECEIVED  
AUG - 6 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 039-4009

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>CENTRAL APP. COAL</u>	16			Kind of Packer _____
Well No. <u>#12</u>	13			
District <u>CABIN CREEK</u> County <u>MAN</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: GO BY TO MAKE FINAL INSPECTION  
GRASS DON'T LOOK REAL GOOD AT THIS TIME  
GOING TO WAIT AWHILE TO SEE HOW IT DOES

8/30/84  
DATE

Rod Weir  
02/16/2024  
DISTRICT WELL INSPECTOR

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:

Go by to make final inspection  
Gear Don't look Best Good At the time  
going to wait again to see how it does

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

DATE

DISTRICT WELL INSPECTOR  
**02/16/2024**



**RECEIVED**  
SEP 4 - 1984

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

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

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
July 25, 1984

COMPANY Allegheny & Western Energy Corp.

PERMIT NO 039-4009 (3-29-84)

P. O. Box 2587

FARM & WELL NO Central App. Coal #12

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

*Paul Dillon*

DATE

8/28/84

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

*T. H. ...*

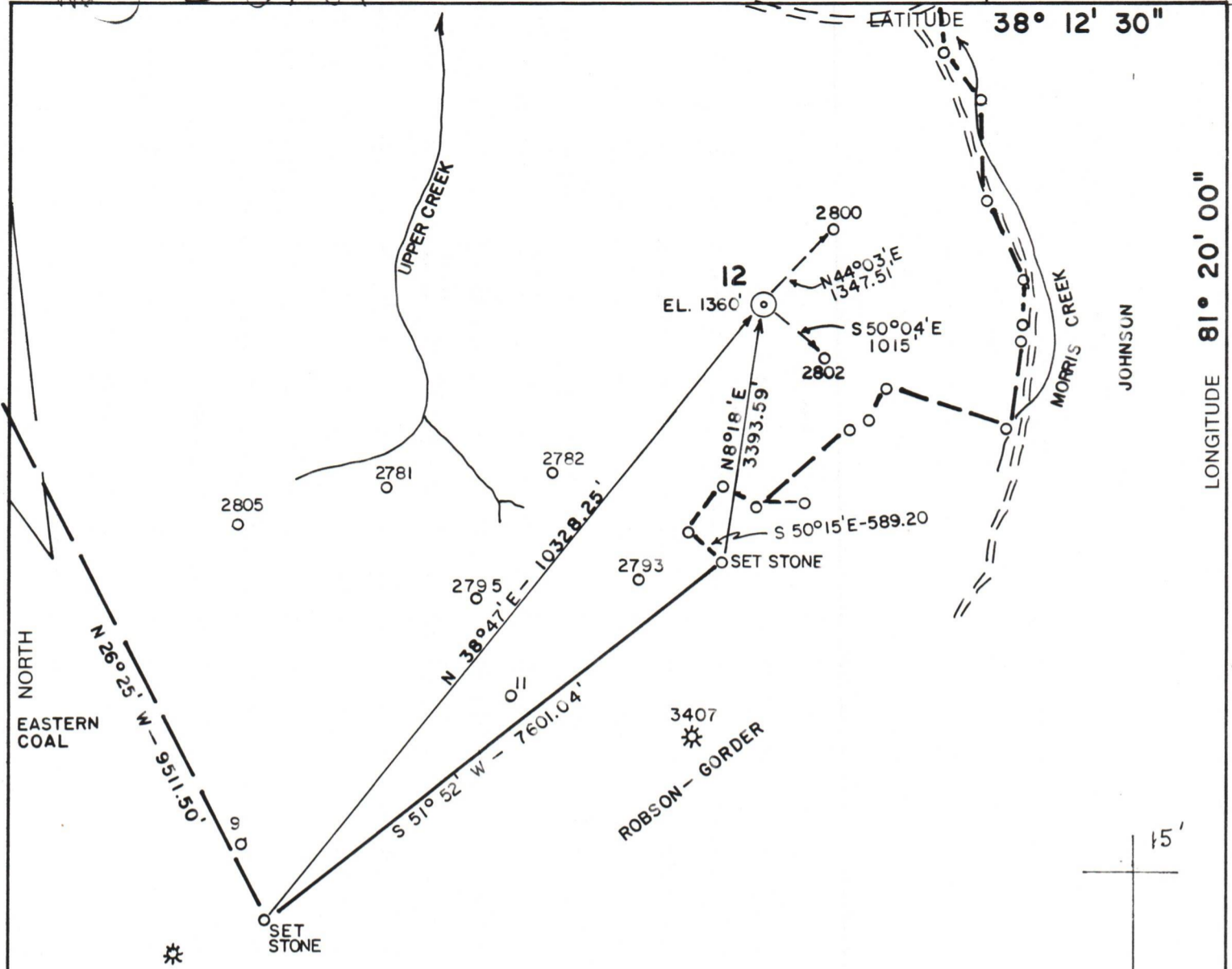
Administrator-Oil & Gas Division

October 4, 1984

DATE

3-29-84

3100' WEST



LONGITUDE 81° 20' 00"

14,270' SOUTH

COAL COMPANY COORDINATES

SOUTH 18,375.73  
WEST 41,055.33

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

FILE NO. 84-49  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 2000'  
MINIMUM DEGREE OF ACCURACY 1/2500'  
PROVEN SOURCE OF ELEVATION WELL #2795 (1180')

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) Chad Waterman  
R.P.E. 3788 L.L.S. \_\_\_\_\_



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



DATE 2/9, 19 84  
OPERATOR'S WELL NO. 12  
API WELL NO. 47 039 4009  
STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
LOCATION: ELEVATION 1360 WATER SHED KANAWHA RIVER  
DISTRICT CABIN CREEK COUNTY KANAWHA  
QUADRANGLE MONTGOMERY 7.5'  
SURFACE OWNER CENTRAL APPALACHIAN COAL CO. ACREAGE 1800  
OIL & GAS ROYALTY OWNER SAME LEASE ACREAGE 1800

LEASE NO. \_\_\_\_\_  
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 WEIR ESTIMATED DEPTH 2900'  
WELL OPERATOR ALLEGHENY & WESTERN DESIGNATED AGENT ROLAND C. BAER  
ADDRESS P. O. BOX 2587 ADDRESS SAME  
CHARLESTON, WV 25329

02/16/2024

COUNTY NAME KANAWHA  
PERMIT 7007