



1) Date: February 16, 1984  
 2) Operator's Well No. 9 Central App. Coal Co.  
 3) API Well No. 47 - 039 - 4017  
 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: 1370' Watershed: Kanawha River  
 District: Cabin Creek County: Kanawha Quadrangle: Montgomery
- 6) WELL OPERATOR Allegheny & Western Energy Corp. 7) DESIGNATED AGENT Roland C. Baer  
 Address P.O. Box 2587 Address P.O. Box 2587  
 Charleston, WV 25329 Charleston, WV 25329
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name J. Holcomb Name FWA Drilling  
 Address RR1, Box 28 Address Elkview, WV 25071  
 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, 2770' feet  
 13) Approximate trata depths: Fresh, 100' feet; salt, 1250' feet.  
 14) Approximate coal seam depths: 1280' El. 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		350-550'	350-550'	150' cts.	Kinds 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
Tubing									by rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-039-4017

April 5, 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 April 5, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: ls	Plat: MH	Casing: MH	Fee: 603-111
------------------	--------------	-------------	---------------	-----------------

Margaret J. Sasser  
 Administrator, Office of Oil and Gas

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





STATE OF WEST VIRGINIA

DEPARTMENT OF STATE, OIL AND GAS DIVISION

OFFICE USE ONLY

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

1) WELL LOCATION: B (1) Gas, Production; Elevation: 1370; Waterhead: 1370; Underground storage: \_\_\_\_\_; Depth: \_\_\_\_\_; Shallow: \_\_\_\_\_

2) WELL OPERATOR: \_\_\_\_\_; Address: \_\_\_\_\_; City: \_\_\_\_\_; State: \_\_\_\_\_; Zip: \_\_\_\_\_

3) DRILLING CONTRACTOR: \_\_\_\_\_; Address: \_\_\_\_\_; City: \_\_\_\_\_; State: \_\_\_\_\_; Zip: \_\_\_\_\_

4) DESIGNATED AGENT: \_\_\_\_\_; Address: \_\_\_\_\_; City: \_\_\_\_\_; State: \_\_\_\_\_; Zip: \_\_\_\_\_

5) PROPOSED WELL WORK: \_\_\_\_\_; Plug off old formation: \_\_\_\_\_; Prefer new formation: \_\_\_\_\_; Other physical change in well (specify): \_\_\_\_\_

6) GEOLOGICAL TARGET FORMATION: \_\_\_\_\_; Estimated depth of completed well: \_\_\_\_\_; Approximate true depth: \_\_\_\_\_; Approximate actual true depth: \_\_\_\_\_; Is coal being mined in the area: \_\_\_\_\_

7) CASING AND TUBING PROGRAM: \_\_\_\_\_

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OIL & GAS DIVISION

Casing or Tubing Type	Pipe	Grade	Weight per ft	Depth		Footage Interval	Cement Slurry or Pack	Packers
				Top	Bottom			
Production	4-1/2"	API 5L X 42	37	2300'	2300'	2300'	300' size	None
Intermediate	7"	API 5L X 42	23	2300'	2300'	2300'	300' size	None
Case	7"	API 5L X 42	23	2300'	2300'	2300'	300' size	None
Flow line	4-1/2"	API 5L X 42	37	2300'	2300'	2300'	300' size	None

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	Plat	Casting	Fee	Bond
_____	_____	_____	_____	_____

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

02/16/2024



FEB. 22 1984



IV-9  
(Rev 8-81)

DATE 20 February, 1984  
WELL NO. 9  
API NO. 47 - 039 - 4017

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 \_\_\_\_\_ SCD. All corrections  
and additions become a part of this plan: \_\_\_\_\_ (Date)

MAR. 1 1984  
R. C. Alford  
(SCD Agent)  
RECEIVED  
MAR 2 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

ACCESS ROAD

LOCATION

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

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

REVEGETATION

SAME AS AREA I

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 #0 lbs/acre  
Annual Rye 30 20 lbs/acre  
\_\_\_\_\_ lbs/acre

Treatment Area II

Lime \_\_\_\_\_ Tons/acre  
or correct to pH \_\_\_\_\_

Fertilizer \_\_\_\_\_ lbs/acre  
(10-20-20 or equivalent)

Mulch \_\_\_\_\_ Tons/acre

Seed\* \_\_\_\_\_ lbs/acre  
\_\_\_\_\_ lbs/acre  
\_\_\_\_\_ lbs/acre

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

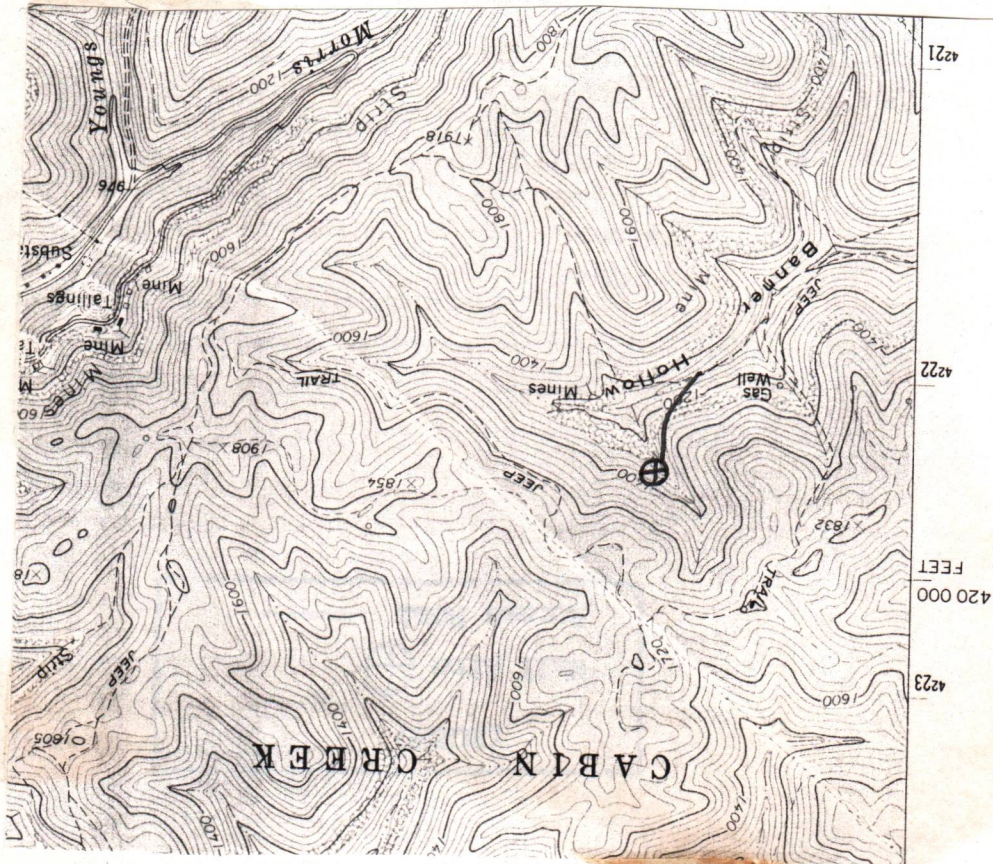
NOTES: Please request landowner's cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

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



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

02/16/2024



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.

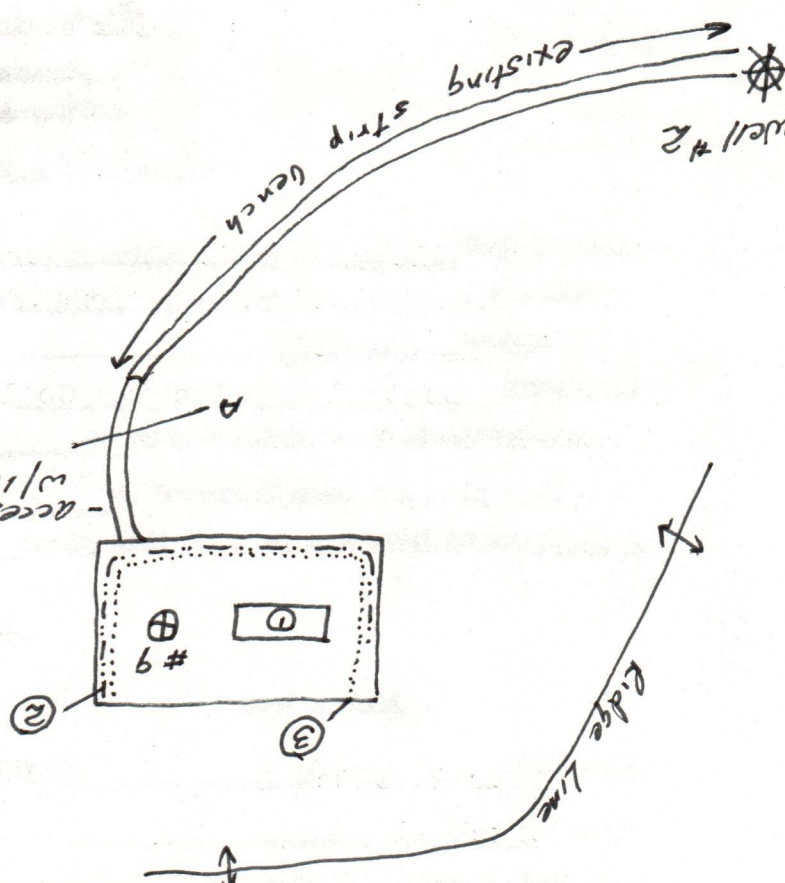
LEGEND

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

Access roads belonging to Coal & Gas Company to Well #2 and on strip bench will be properly maintained. Timber on well site, over 6", will be cut and stacked as required.

- Access road approx 150' w/16 9/16 or 6" grade

Approx property boundary (53)



FEB 25 1981





1) Date: February 28, 19 84  
 2) Operator's Well No. Central Appal. Coal Corp. #11  
 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  /  
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow  /)
- 5) LOCATION: Elevation: 1280' 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 RR1, Box 28  
Hamlin, WV 25523
- 9) DRILLING CONTRACTOR: Name FWA Drilling  
 Address Elkview, WV 25071
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate   
 Plug off old formation  / Perforate new formation   
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Weir  
 12) Estimated depth of completed well, 2680' feet  
 13) Approximate strata depths: Fresh, 100' feet; salt, 1160' feet.  
 14) Approximate coal seam depths: 1280' El. 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 By Rule 15.05
Fresh water	9-5/8"								4011
Coal	7"	SMLS	23	X		2250'	2250'	150	Sizes
Intermediate									Or as
Production	4 1/2"	SMLS	10.5	X		2680'	2680'	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.

Eastern Associated Coal Corporation

Date: March 26, 19 84

By [Signature]

Its Manager of Properties

02/16/2024  
 Coal Owner





1) Date: February 16, 19 84  
 2) Operator's Well No. 9  
 3) API Well No. 47 Central App. Coal Co.  
 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: 1370' Watershed: Kanawha River  
 District: Cabin Creek County: Kanawha Quadrangle: Montgomery
- 6) WELL OPERATOR Allegheny & Western Energy Corp. 7) DESIGNATED AGENT Boland C. Baer  
 Address P.O. Box 2587 Address P.O. Box 2587  
Charleston, WV 25329 Charleston, WV 25329
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name J. Holcomb Name PWA Drilling  
 Address RRI, Box 28 Address Elkview, WV 25071  
Hamlin, WV 25523
- 10) PROPOSED WELL WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate \_\_\_\_\_  
 Plug off old formation \_\_\_\_\_ / Perforate new formation X /  
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 OIL & GAS DIVISION  
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	Bottom
Conductor		SMLS	22	X		350'	350'	150' cts.	By Rule	15.05
Fresh water	9-5/8"									
Coal	7"	SMLS	23	X		2340'	2340'	150	Sizes	4011
Intermediate									Or as	
Production	4-1/2"	SMLS	10.5	X		2770'	2770'	300 sks.	Depths set	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 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.

Central Appalachian Coal Corporation

Date: March 22, 19 84

By M.P. Vargo  
 Its Resident Engineer

02/16/2024  
 Coal Owner



1) Date: March 22, 19 84  
2) Operator's  
Well No. Central Appal. Co. #9  
3) API Well No. 47 - 039 - 4017  
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.

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 22nd day of March, 1984.  
My commission expires JUNE 3, 1992.

Notary Public, Marion 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

RECEIVED

MAR 29 1984

OIL & GAS DIVISION  
DEPT. OF MINES

02/16/2024



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

CONCERNING THE LINE ITEMS:

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

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

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

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

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

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

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

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

4-22-77

02/16/2024





1) Date: February 16, 1984  
 2) Operator's Well No. 9 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**

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 B (If "Gas", Production X / Underground storage        / Deep        / Shallow X /)
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 District: Cabin Creek County: Kanawha Quadrangle: Montgomery
- 6) WELL OPERATOR Allegheny & Western Energy Corp. 7) DESIGNATED AGENT Roland C. Baer, Jr.  
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Charleston, WV 25329 Charleston, WV 25329
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name J. Holcomb  
 Address RR1, Box 28  
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- 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  
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- 15) CASING AND TUBING PROGRAM

**RECEIVED**  
 MAR 29 1984  
 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 <u>15.05</u>
Fresh water	<u>9-5/8"</u>									
Coal	<u>7"</u>	SMLS	23	X		2340'	2340'	150	Sizes	
Intermediate										Or as
Production	<u>4 1/2"</u>	SMLS	10.5	X		2770'	2770'	300 sks	Depths set	Required by
Tubing										Rule <u>15.01</u>
Liners									Perforations:	
									Top	Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

**VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.  
 I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)  
 NAME: Eastern Associated Coal Corp.  
 By Michael D. Edley Jr.  
 Its Manager of Properties 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.



IV-35  
(Rev 8-81)

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OIL & GAS DIVISION  
DEPT. OF MINES



State of West Virginia

Department of Mines  
Oil and Gas Division

Date July 6, 1984  
Operator's Well No. Central App Coal # 9  
Farm Central App. Coal Company  
API No. 47 - 039 - 4017

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: 1370' Watershed Kanawha River  
District: Cabin Creek County Kanawha Quadrangle Montgomery 7,5'

COMPANY Allegheny & Western Energy Corporation

ADDRESS P.O. Box 2587 Charleston, WV 25329

DESIGNATED AGENT Roland C. Baer, Jr.

ADDRESS P.O. Box 2587 Charleston, WV 25329

SURFACE OWNER Central App. Coal Company

ADDRESS 343 Morris Drive Montgomery, WV 25136

MINERAL RIGHTS OWNER Central App. Coal Co.

ADDRESS 343 Morris Drive Montgomery, WV 25136

OIL AND GAS INSPECTOR FOR THIS WORK   

R. Dillon ADDRESS Williamstown, WV

PERMIT ISSUED April 5, 1984

DRILLING COMMENCED April 9, 1984

DRILLING COMPLETED April 17, 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"	40'	40'	To surf.
9 5/8 I	555'	555'	225 cu ft
8 5/8			
7			
5 1/2			
4 1/2 Q	2738'	2738'	67 cu ft
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Weir Depth 2685 feet

Depth of completed well 2792' feet Rotary X / Cable Tools   

Water strata depth: Fresh 60 feet; Salt NA feet

Coal seam depths: 198 Is coal being mined in the area?   

OPEN FLOW DATA

Producing formation Weir Pay zone depth 2685 feet

Gas: Initial open flow 500 Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow 500 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



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

Perforate 2617-2627 - 4 holes  
2685-2696 - 8 holes 387

Frac with 30,000# 20-40 sand, 500 gal 15% HCl, 221,700 scf N<sub>2</sub>.

DEPT. OF MINING  
OFFICE OF ASSISTANT  
COMMISSIONER  
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	1188	
Salt Sand	282		1188	1544	
Shale and Sandstone			1544	1744	
Ravencliff	319		1744	1806	
Siltstone			1806	2016	
Upper Maxon			2016	2084	
Siltstone			2084	2226	
Maxon Sandstone	325		2226	2267	
Little Lime	331		2267	2302	
Siltstone			2302	2348	
Big Lime	345		2348	2584	
Big Injun	365		2584	2630	
Sand and Siltstone			2630	2682	
Upper Weir	387		2682	2702	
Shale and Siltstone			2702	2769	
Lower Weir			2769	2792	T.D.

(Attach separate sheets as necessary)

Allegheny & Western Energy Corporation

Well Operator

02/16/2024

By:

*R. J. Fless*

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 those encountered in the drilling of a well."



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. 039-4017

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>Allegheny Western</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			
Address <u>Charleston</u>	16			Kind of Packer _____
Farm <u>Eastern Coal</u>	13			
Well No. <u># 9</u>	10			Size of _____
District <u>CABIN CREEK</u> County <u>KAN.</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

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

5/14/84

DATE

Paul D. [Signature]

02/16/2024  
DISTRICT WELL INSPECTOR







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. 039-487

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Allegheny Western  
 Address Charleston WV  
 Farm Eastern Coal  
 Well No. Central Coal 9  
 District Cabin Creek County Putnam  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names F.W.A Rig 22

Remarks: Drilling on fluid 1720'

4/12/84  
DATE

Red Williams  
02/16/2024  
DISTRICT WELL INSPECTOR







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. 039-4017

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company	Address	Farm	Well No.	District	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
															Size			Kind of Packer
<u>Allegheny Western</u>	<u>Charleston</u>	<u>Central App. Coal</u>	<u># 9</u>	<u>Cabin Creek County Kan</u>											16			
															13			
															10			
															8 1/4			
															6 3/8			
															5 3/16			
															3			
															2			
															Liners Used			

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

Remarks: Go To MAKE FINAL inspection  
Going to wait a while on the GRASS

8/13/84  
DATE

Lois Williams  
02/16/2024  
DISTRICT WELL INSPECTOR









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SEP 17 1984

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

OIL & GAS DIVISION  
DEPT. OF MINES

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
July 25, 1984

COMPANY Allegheny & Western Energy Corp.

PERMIT NO 039-4017 (4-5-84)

P. O. Box 2587

FARM & WELL NO Central App. Coal #9

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 *Les Dillon*

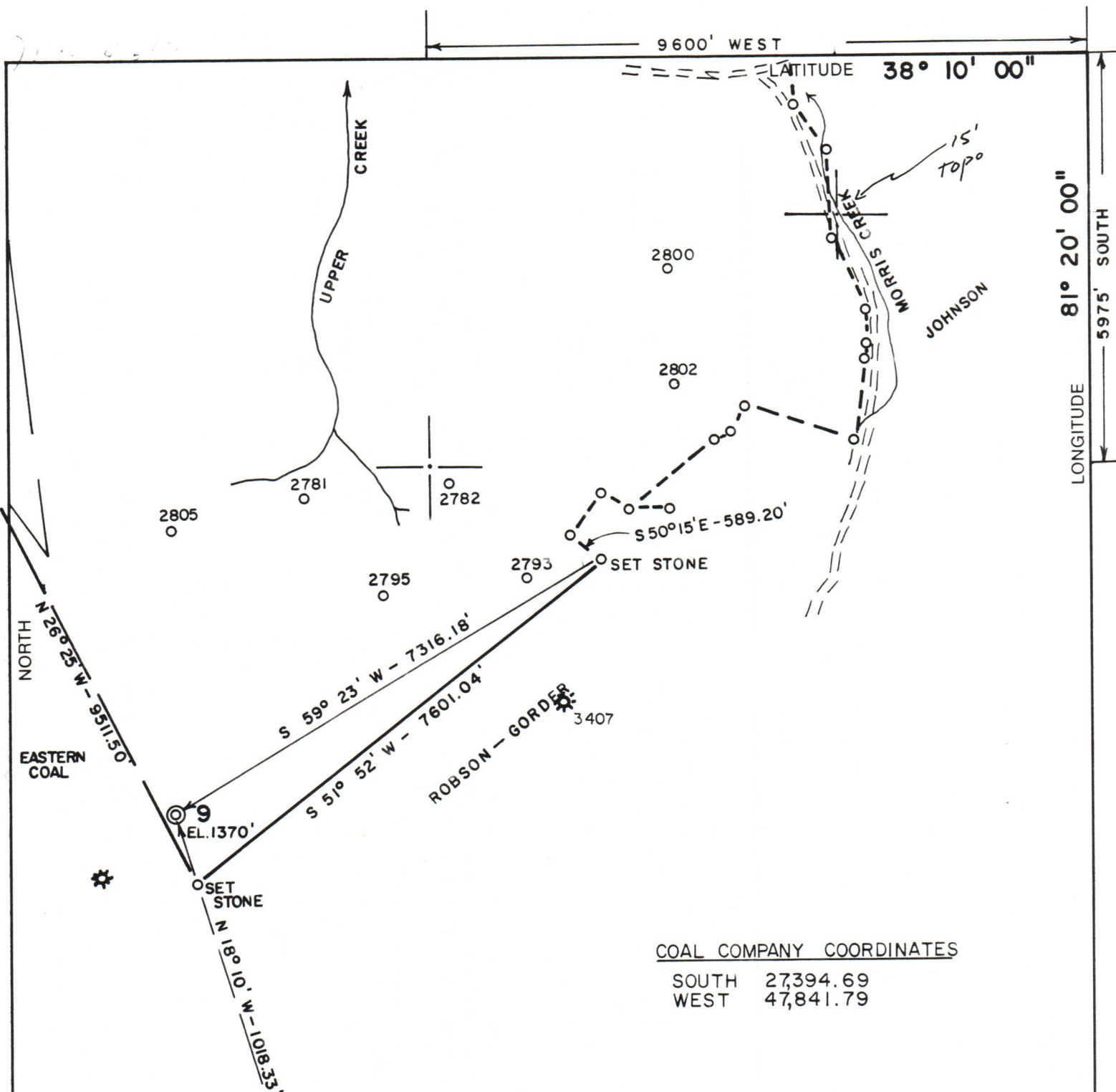
DATE 9/14/84

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

*T.H. v. B.*  
Administrator-Oil & Gas Division

October 4, 1984  
DATE





COAL COMPANY COORDINATES

SOUTH 27,394.69  
WEST 47,841.79

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

FILE NO. 84-55  
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) *Robert Waterman*  
R.P.E. 3788 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

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



DATE 2 / 7, 19 84  
OPERATOR'S WELL NO. 9  
API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
LOCATION: ELEVATION 1370' 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

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 WEIR ESTIMATED DEPTH 3000'  
WELL OPERATOR ALLEGHENY & WESTERN DESIGNATED AGENT ROLAND C. BAER  
ADDRESS P. O. BOX 2587 CHARLESTON, WV 25329 ADDRESS SAME

COUNTY NAME KANAWHA  
PERMIT 4017

02/16/2024