FORM IV-2(B)
(Obverse)
7-83

FILE COPY

1) Date: February 28, 19 84
2) Operator's Well No. 11 Cent. App. Coal Co.
3) API Well No. 47 - 039 - 4018
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: 1280' Watershed: Kanawha River
District: Cabin Creek County: Kanawha Quadrangle: Montgomery

6) WELL OPERATOR Allegheny & Western Energy Corp.
Address P.O. Box 2587
Charleston, WV 25329

7) DESIGNATED AGENT Roland C. Baer, Jr.
Address P.O. Box 2587
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 X / Drill deeper ____/ Redrill ____/ Stimulate X /
Plug off old formation ____/ Perforate new formation ____/
Other physical change in well (specify) ____

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

11) GEOLOGICAL TARGET FORMATION, Weir
12) Estimated depth of completed well, 2680' feet
13) Approximate trata depths: Fresh, 100' feet; salt, 1160' feet.
14) Approximate coal seam depths: 1280' El. Is coal being mined in the area? Yes X / No ____/

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor		SMLS	32	X		~~350'~~ 460'	~~350'~~ 460'	~~150'~~ cts.	Kinds By Rule 15.05
Fresh water	9-5/8"								
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
Tubing									rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-039-4018 April 5, 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 April 5, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: ✓	Plat: ✓	Casing ✓	Fee
	lp	MH	MH	003 - 111

Margaret J. Hasse
Administrator, Office of Oil and Gas

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

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

02/16/2024

FORM IV-2(B) **FILE COPY**
Reverse

OFFICE USE ONLY

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

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: _____

02/16/2024

File

FEB. 22 1984

IV-9
(Rev 8-81)

DATE 20 February, 1984
WELL NO. 11
API NO. 47 - 039 - 4018

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Allegheny & Western Energy
Address P.O. Box 2587, Charleston, WV
Telephone 343-4327

DESIGNATED AGENT Roland G. Baer
Address Box 2587, Charleston, WV 25329
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: MAR. 1 1984 (Date)

R. C. Alford (SCD Agent)

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

ACCESS ROAD

Structure Drain Ditch (A)
Spacing Ditch Line
Page Ref. Manual 2-2

Structure (B)
Spacing
Page Ref. Manual

Structure (C)
Spacing
Page Ref. Manual

LOCATION

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 cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY William E. Bennett
ADDRESS William E. Bennett
Box 2683
Charleston, WV 25330

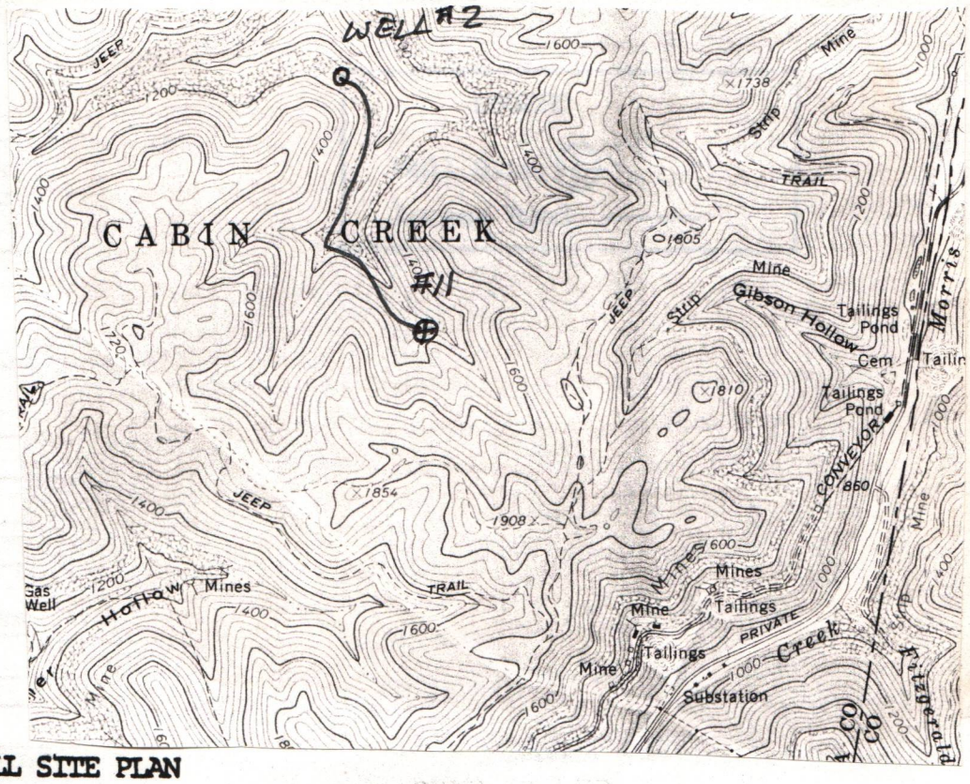
PHONE NO. 345-0216

02/16/2024

(REV 8-81)

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Montgomery 7½

02/16/2024

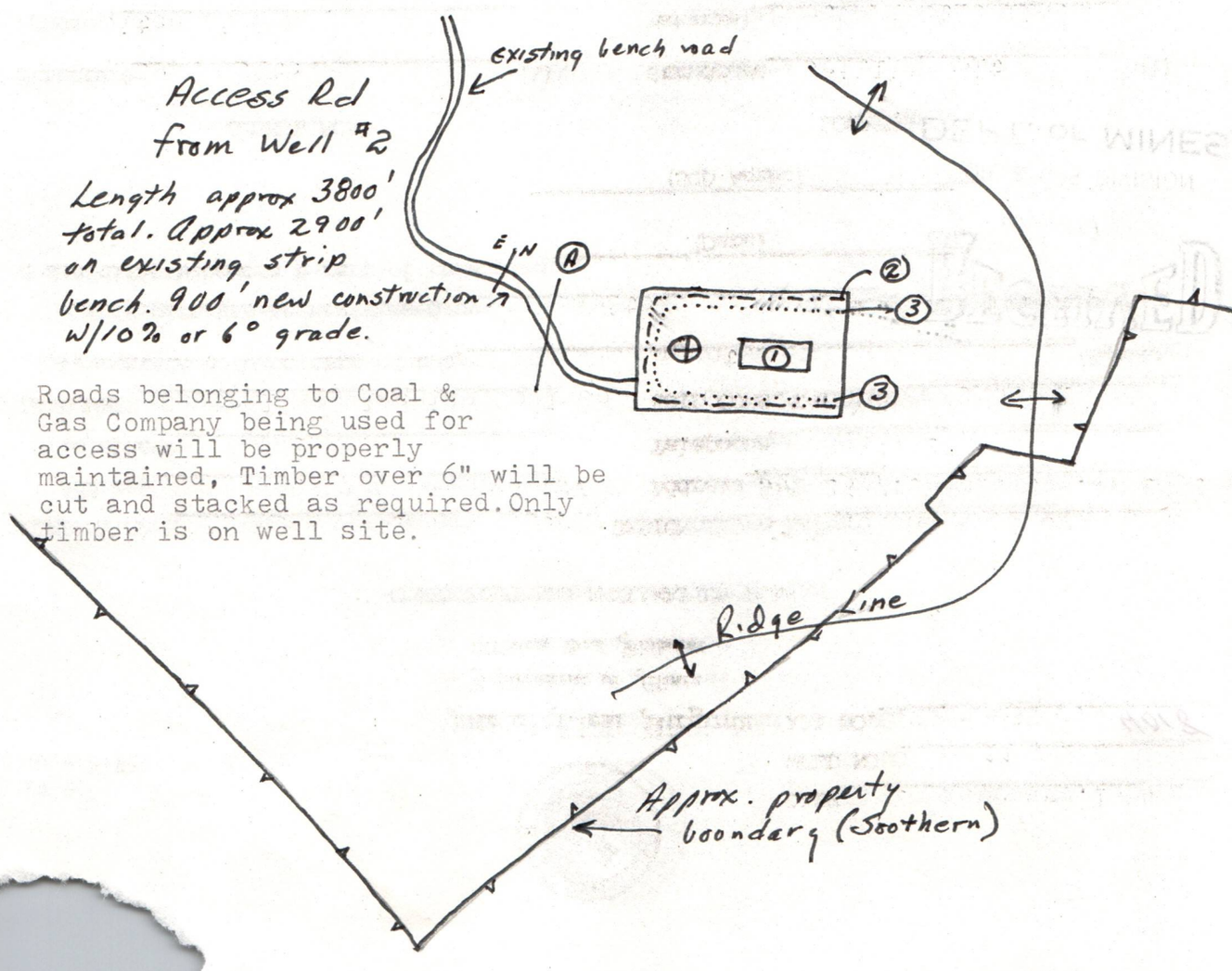


WELL SITE PLAN

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

LEGEND

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



FORM IV-2(B)
(Obverse)
7-83

COAL OWNER'S COPY

1) Date: February 28, 19 84
2) Operator's Well No. Central Appal. Coal Corp. #12
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: 1160' Watershed: Kanawha River
District: Cabin Creek County: Kanawha Quadrangle: Montgomery

6) WELL OPERATOR Allegheny & Western Energy Corp.
Address P.O. Box 2587
Charleston, WV 25329

7) DESIGNATED AGENT Roland C. Baer, Jr.
Address P.O. Box 2587
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 X / Drill deeper _____/ Redrill _____/ Stimulate X /
Plug off old formation _____/ Perforate new formation X /
Other physical change in well (specify) _____

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

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 X /

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
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									Or as
Production	4½"	SMLS	10.5	X		2560'	2560'	300 sks	Depths set Required by
Tubing									Rule 15.01
Liners									Perforations:
									Top Bottom

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of the filing of the Application.

WAIVER

The undersigned coal operator _____/ owner X 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 Michael D. Eddy Jr.

Its Manager of Properties

02/16/2024

Coal Owner

02/16/2024

FORM IV-2(B)
(Obverse)
7-83

COAL OWNER'S COPY

1) Date: February 29, 19 84
2) Operator's Well No. 11 Cent. App. 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

810W

4) WELL TYPE: A Oil ____/ Gas X /
B (If "Gas", Production X / Underground storage ____/ Deep ____/ Shallow X /)

5) LOCATION: Elevation: 1280' Watershed: Kanawha River
District: Cabin Creek County: Kanawha Quadrangle: Montgomery

6) WELL OPERATOR Allegheny & Western Energy Corp.
Address P.O. Box 2587
Charleston, WV 25329

7) DESIGNATED AGENT Roland C. Baer, Jr.
Address P.O. Box 2587
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 X / Drill deeper ____/ Redrill ____/ Stimulate ____/
Plug off old formation ____/ Perforate new formation ____/
Other physical change in well (specify) ____

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

11) GEOLOGICAL TARGET FORMATION, Weir
12) Estimated depth of completed well, 2680' feet
13) Approximate trata depths: Fresh, 100' feet; salt, 1160' feet.
14) Approximate coal seam depths: 1280' El. Is coal being mined in the area? Yes ____/ No ____/

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor		SMLS	32	X		350'	350'	150' cts.	Kinds By Rule 15.05
Fresh water	9-5/8"	S							
Coal	7"	SMLS	23	X		2250'	2250'	150	Sizes
Intermediate									
Production	4-1/2"	SMLS	10.5	X		2680'	2680'	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.

Central Appalachian Coal Corporation

Date: March 22, 19 84

By M.P. Vargo
Its Resident Engineer
Coal Owner

84

FORM IV-2(A)
Obverse
[8-83]

02/16/2024

1) Date: March 22, 1984
2) Operator's Well No. Cent. Appal. Coal Corp.
3) API Well No. 47 - 039 - 4018
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:
[X] 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, Kanawha 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

INSTRUCTIONS TO APPLICANT

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

FORM IV-2(B)
(Obverse)
7-83

SURFACE OWNER'S COPY

1) Date: February 28, 1984
2) Operator's Well No. 11 Cent. App. 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: 1280' Watershed: Kanawha River
District: Cabin Creek County: Kanawha Quadrangle: Montgomery

6) WELL OPERATOR Allegheny & Western Energy Corp.
Address P.O. Box 2587
Charleston, WV 25329

7) DESIGNATED AGENT Roland C. Baer, Jr.
Address P.O. Box 2587
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 X/ Drill deeper ____/ Redrill ____/ Stimulate ____/
Plug off old formation ____/ Perforate new formation ____/
Other physical change in well (specify) ____

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

11) GEOLOGICAL TARGET FORMATION, Weir

12) Estimated depth of completed well, 2680' feet

13) Approximate trata depths: Fresh, 100' feet; salt, 1160' feet.

14) Approximate coal seam depths: 1280' El. Is coal being mined in the area? Yes ____/ No ____/

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor		SMLS	32	X		350'	350'	150' cts.	Kinds By Rule 15.05
Fresh water	8-5/8"	S							
Coal	"	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
Tubing									rule 15.01
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. Eudy Jr
Its Manager of Properties Date 3/26/84

(For execution by natural persons)

____ Date: ____
(Signature)

____ Date: ____
(Signature)

02/16/2024
Surface Owner

FORM IV-2(B)
Reverse

SURFACE OWNER'S COPY

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 Adminisatrator's office or an Oil and Gas Inspector to obtain a copy of the list.

02/16/2024

Surface Owner

IV-35
(Rev 8-81)

RECEIVED
JUL 10 1984
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 # 11
Farm Central App. Coal Company
API No. 47 - 039 - 4018

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: 1280' 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 Appalachian Coal Company
ADDRESS 343 Morris Drive, Montgomery, WV 25136
MINERAL RIGHTS OWNER Central Appalachian Coal
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 4-27-84
DRILLING COMPLETED 5-1-84
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	480'	480'	200 cu ft
8 5/8			
7	2324'	2324'	260 cu ft
5 1/2			
4 1/2	2987'	2987'	35 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Weir Depth 2620 feet
Depth of completed well 2987 feet Rotary X / Cable Tools
Water strata depth: Fresh 60 feet; Salt NA feet
Coal seam depths: 293, 400 Is coal being mined in the area? yes

OPEN FLOW DATA
Producing formation Weir 387 Pay zone depth 2620 feet
Gas: Initial open flow 3,500 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 3,500 Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 8 hours
Static rock pressure 350 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

FORM IV-35
(REVERSE)

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

Perforate 2620-2621 - 2 holes 387

Frac with 50,000# 20-50 sand, 500 gal 28% HCl.

(F)

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	2340	
Big Lime 345	2340	2550	
Big Injun 365	2550	2598	
Sand and Siltstone	2598	2642	
Upper Weir 387	2642	2676	
Shale and Siltstone	2676	2736	
Lower Weir	2736	2758	
Shale	2758	2987	T.D.

(Attach separate sheets as necessary)

Allegheny & Western Energy Corporation
Well Operator

By: R H Wiles

Date: July 9, 1984

02/16/2024

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."

OG-11

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

RECEIVED
APR 30 1984
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4018

Oil or Gas Well _____ (KIND)

Company Allegheny & Western
Address Charleston, WV
Farm Eastern Coal
Well No. 11
District Cabin Creek County Kan.
Drilling commenced _____
Drilling completed _____ Total depth _____
Date shot _____ Depth of shot _____
Initial open flow _____ /10ths Water in _____ Inch
Open flow after tubing _____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼			
6⅝			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: Moving Rig
Drilling Surface

4/26/84
DATE

Rodney Dillon
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:

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

DATE

_____

DISTRICT WELL INSPECTOR

02/16/2024

OG-11

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

RECEIVED
AUG - 6 1984
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4018

Oil or Gas Well _____
(KIND)

Company Allegheny & Western
Address Charleston
Farm Central App. Coal
Well No. #11
District Cabin Creek County Kan
Drilling commenced _____
Drilling completed _____ Total depth _____
Date shot _____ Depth of shot _____
Initial open flow _____ /10ths Water in _____ Inch
Open flow after tubing _____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8¼			
6⅝			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 Has Been Reclaimed & Seeded
Some Brush Needs To Be Cut
Going To Talk To Company About This

8/3/84
DATE

Rod Dillon
DISTRICT WELL INSPECTOR

02/16/2024

Form 26
2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner Location Amount Packer Location

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

Drillers' Names _____

Remarks:

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

_____
DISTRICT WELL INSPECTOR

02/16/2024

IV-20
Obverse
1-84

RECEIVED
SEP 17 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.
P. O. Box 2587
Charleston, West Virginia 25329

PERMIT NO 039-4018 (4-5-84)
FARM & WELL NO Central App. Coal #11
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 Earl 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.

Administrator-Oil & Gas Division

October 4, 1984
DATE

TMS/ksh

02/16/2024

IV-27
9-83

RECEIVED
MAY 21 1984
OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: 5/14/84
Well No: 11
API NO: 47 - 039 - 4018
State County Permit

Oil and Gas Division
NOTICE OF VIOLATION

WELL TYPE: Oil____ / Gas X Liquid Injection____ / Waste Disposal____ /
Of "Gas" - Production____ / Storage____ / Deep____ / Shallow____ /

LOCATION: Elevation: 1580 Watershed: Kanawha River
District: Cabin Creek County: Kanawha Quadrangle: Montgomery

WELL OPERATOR Allegheny & Western DESIGNATED AGENT Roland C. Baer, Jr.
Address P.O. Box 2587 Address P.O. Box 2587
Charleston, WV Charleston, WV

The above well is being posted this 14 day of May, 1984, for a violation of Code 22-4-12 and/or Regulation 23.02, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

All Access Roads Shall Be Constructed And Maintained to prevent excess Sedimentation. To Maintain Natural Drainage Areas. And if practicable to Direct or Carry Away from disturbed Areas Surface Water Run off from disturbed Areas

To Abate
Grade All Access Roads
Put Culvert And Cross Drains Where Needed

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until May 21, 1984, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Rod Dillon
Oil and Gas Inspector

Address P.O. Box 30
Scarbro, WV 25917

Telephone: 469-2015

IV-2
9-83

RECEIVED
MAY 21 1984
OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: _____

Well No: _____

API NO: 47 - _____ - _____
State County Permit

Oil and Gas Division
NOTICE OF VIOLATION

WELL TYPE: Oil ____/ Gas ____/ Liquid Injection ____/ Waste Disposal ____/
Or "Gas" - Production ____/ Storage ____/ Deep ____/ Shallow ____/

LOCATION: Elevation: _____ Watershed: _____

District: _____ County: _____ Quadrangle: _____

WELL OPERATOR _____ DESIGNATED AGENT _____

Address _____ Address _____

The above well is being posted this ____ day of _____, 19__, for a violation of Code 22-4-__ and/or Regulation _____, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until _____, 19__, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

_____
Oil and Gas Inspector

Address _____

_____

_____

Telephone: _____

02/16/2024

FORM IV-31
9-83

RECEIVED
MAY 30 1984
OIL & GAS DIVISION
DEPT. OF MINES

Date: 5/22/84
Operator's Well Number 11
API Well No.: 47 - 039 - 4018
State County Permit

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

NOTICE OF ABATEMENT

WELL TYPE: Oil____/ Gas ✓ Liquid Injection____/ Waste disposal____/
If "Gas" - Production ✓ / Underground Storage____/ Deep____/ Shallow____/

LOCATION: Elevation: 1280 Watershed: Kanawha River
District Cabin Creek County: Kanawha Quadrangle: Montgomery

WELL OPERATOR Allegheny + Western
Address Charleston, WV

DESIGNATED AGENT Roland Baker Jr.
Address P.O. Box 3587 Charleston, WV

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on May 22, 1984.

The violation of Code § 22-4-12 heretofore found to exist on May 14, 1984, by Form IV-27, "Notice of Violation"____/ Form IV-28, "Imminent Danger Order"____/ of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS Allegheny + Western graded Access Roads
Put Drains Pipes In

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Rod Dillon
Oil and Gas Inspector

Address P.O. Box 30
Scarbro, WV 25917

Telephone 469-2015

02/16/2024

FORM IV-21
9-82

RECEIVED
MAY 20 1984
OIL & GAS DIVISION
DEPT. OF MINES

Date: 5/30/84
Operator's Well Number: 71
API Well No.: 47 — 039 — 0027
State — County — Permit

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

NOTICE OF ABATEMENT

WELL TYPE: Oil ____ Gas ____ Liquid Injection ____ Waste disposal ____
If "Gas": Production ____ Storage ____ Deep ____ Shallow ____ Underground

LOCATION: Elevation: 1270 Watershed: Middle Fork Buffalo Creek
District: Clay Creek County: Mingo Quadrangle: Phelps

WELL OPERATOR: Allegheny & Western Energy Corp. DESIGNATED AGENT: Phillip Baker Jr.
Address: Box 1 Address: Box 6327
Charleston, WV Charleston, WV

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on May 23, 19 84

The violation of Code § 22-4-12 heretofore found to exist on May 14, 19 84 by Form IV-27, "Notice of Violation" ____ Form IV-28, "Imminent Danger Order" ____ of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS: Allegheny & Western Graded Access Roads Put Drain Pipes In

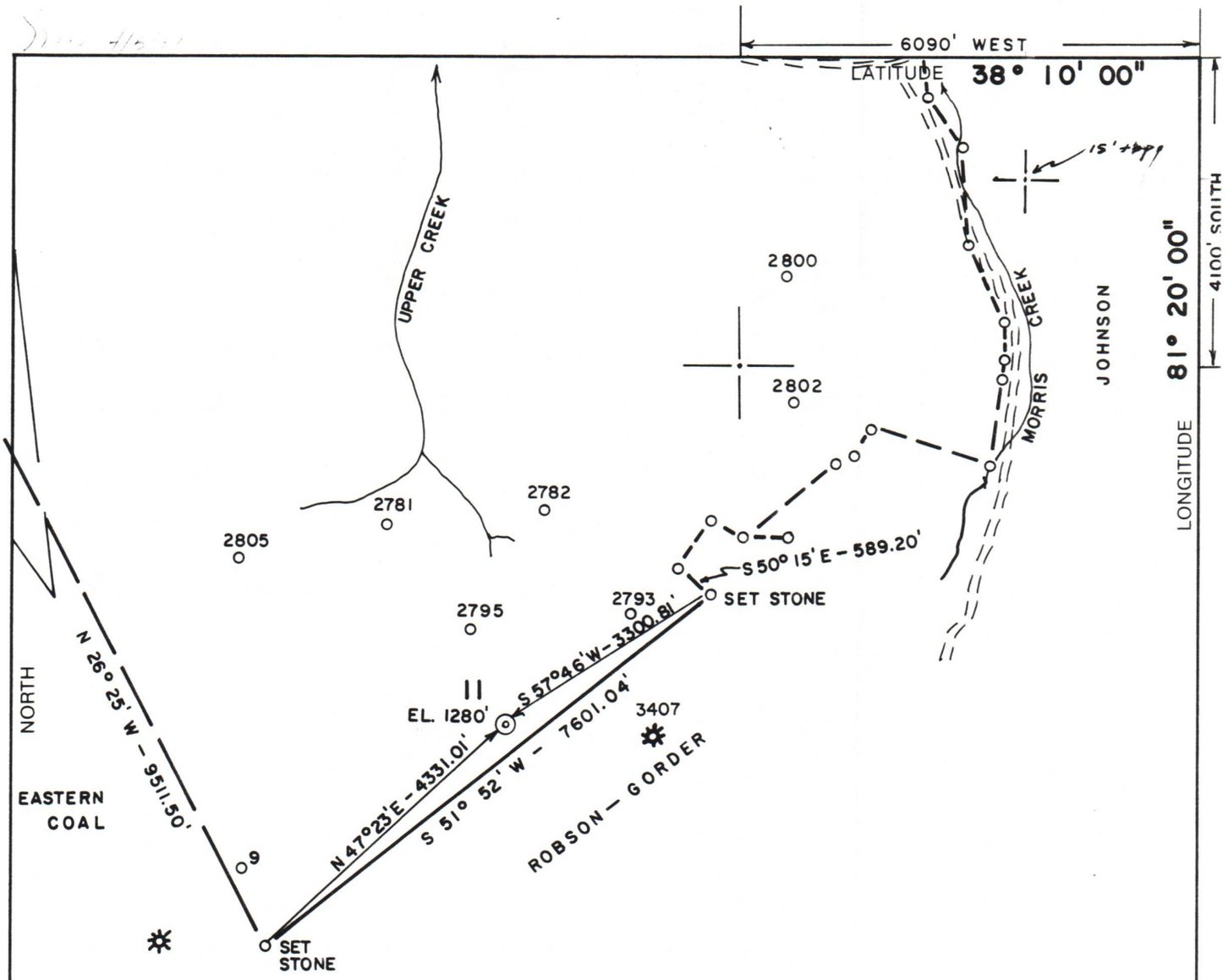
A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Ted Wilson
Oil and Gas Inspector

Address: Box 150
Madison, WV 25130

Telephone: 369-3015

02/16/2024



COAL COMPANY COORDINATES
SOUTH 23,494.16
WEST 44,337.55

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

FILE NO. 84-48
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. 11
API WELL NO.
47 - 039 - 4018
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1280' 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 X 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

COUNTY NAME KANA.
PERMIT 4018

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