



1) Date: March 21, 19 84
 2) Operator's Well No. 40 Ohley Trust
 3) API Well No. 47 - 039 - 4030
 State County Permit

RECEIVED

MAY 3 1984

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

OIL & GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: FA Oil / Gas X /
 B (If "Gas", Production X / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 1960' Watershed: Kanawha River
 District: Cabin Creek County: Kanawha Quadrangle: Eskdale
- 6) WELL OPERATOR Allegheny & Western Energy Corp. 7) DESIGNATED AGENT Roland C. Baer, Jr.
 Address P.O. Box 2587 Address P.O. Box 2587
Charleston, WV 25329 Charleston, WV 25329
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name J. Holcomb Name FWA Drilling
 Address R.R. #1 Box 28 Address Elkview, WV 25071
Hamlin, WV 25523
- 10) PROPOSED WELL WORK: Drill X / Drill deeper / Redrill / Stimulate X /
 Plug off old formation / Perforate new formation X /
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Injun, Weir, & Devonian Shale
- 12) Estimated depth of completed well, 5660' feet
- 13) Approximate strata depths: Fresh, 720 feet; salt, 1700 feet.
- 14) Approximate coal seam depths: 1320' El. Is coal being mined in the area? Yes X / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	By Rule
Conductor										
Fresh water	9-5/8	SMLS	32	X		860'	860'	300 cts.	15.05	By Rule
Coal	7"	SMLS	23	X		3240'	3240'	200 cts.		Or as
Intermediate										
Production	4 1/2"	SMLS	10.5	X		5660'	5660'	300 sks.		Required by Rule 15.01
Tubing										
Liners										
										Perforations:
										Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-039-4030

Date May 8, 19 84

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires May 8, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANK</u>	Agent: <u>MW</u>	Plat: <u>MW</u>	Casing: <u>MW</u>	Fee: <u>003-158</u>
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[Signature]

Administrator, Office of Oil and Gas

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

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

File 02/16/2024



STATE OF WEST VIRGINIA

OFFICE USE ONLY

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

1) LOCATION: B III Gas, Production, Underground storage, Shallow, Deep, Elevation: 1950, Well No. 47, State, County, District, Designated Agent: John C. Beck, Jr., Address: P.O. Box 2527, Charleston, WV 25329

2) WELL OPERATOR: John C. Beck, Jr., Address: P.O. Box 2527, Charleston, WV 25329

3) DRILLING CONTRACTOR: John C. Beck, Jr., Address: P.O. Box 2527, Charleston, WV 25329

4) PROPOSED WELL WORK: Drill, Redrill, Stimulate

5) GEOLOGICAL TARGET FORMATION: Triassic, Permian, Carboniferous

6) APPROXIMATE COAL SEAM DEPTH: 1000'

7) APPROXIMATE STRATA DEPTH: 700'

8) ESTIMATED DEPTH OF COMPLETED WELL: 5500'

9) IS COAL BEING MINED IN THE AREA? Yes, No

Casing or Tubing Type	Size	Class	Specifications		Footage Intervals	Cement Pillar	Packers
			Weight per ft.	Use			
Conductor	8 1/2"	55			0-800'		
Fresh water	8 1/2"	55	X		800-3000'		
Coal	8 1/2"	55	X		3000-5500'		
Intermediate	8 1/2"	55			5500-7000'		

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		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____

Band:	Asc:	Plat:	Casing:	Per:
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MAR. 5 1984

IV-9
(Rev 8-81)

DATE 5 March, 1984

WELL NO. 40

State of West Virginia API NO. 47 - 039 - 4030

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Allegheny & Western Energy DESIGNATED AGENT Roland C. Baer Jr
 Address P.O. Box 2587, Charleston, WV Address Box 2587, Charleston, WV 25329
 Telephone 343-4327 Telephone 343-4327
 LANDOWNER J.E. Watson III 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. 6 1984

(Date)

R. C. Alford
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drain Ditch (A)
 Spacing Ditch Line
 Page Ref. Manual 2:12
 Structure _____ (B)
 Spacing _____
 Page Ref. Manual _____
 Structure _____ (C)
 Spacing _____
 Page Ref. Manual _____

Structure Diversion Ditch (1)
 Material Cut in side of Location
 Page Ref. Manual 2:12 + 2:13
 Structure Siltation Barrier (2)
 Material Straw
 Page Ref. Manual 2:18
 Structure Pit (3)
 Material Dug out-plastic lined
 Page Ref. Manual NA

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

REVEGETATION

Treatment Area I

SAME AS AREA I

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 Fescue 50 lbs/acre
Annual Rye 30 lbs/acre
 _____ lbs/acre

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

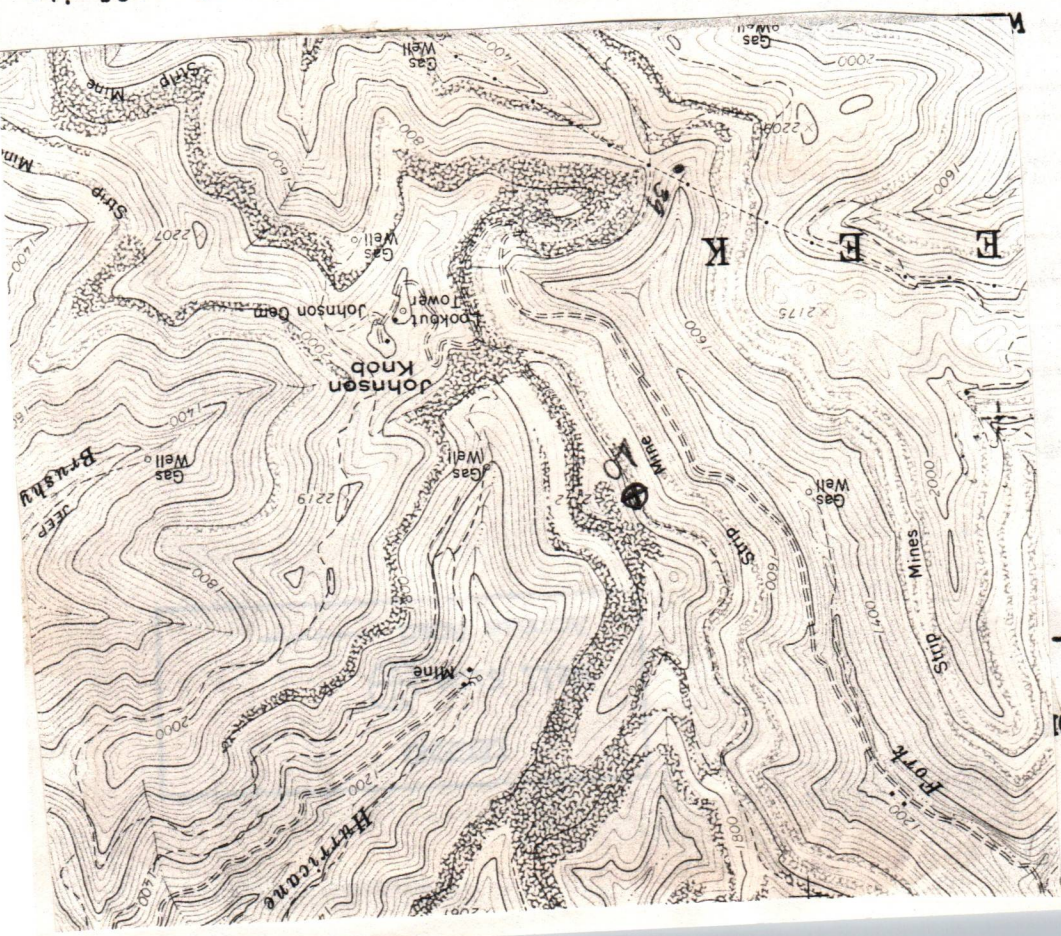
*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

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

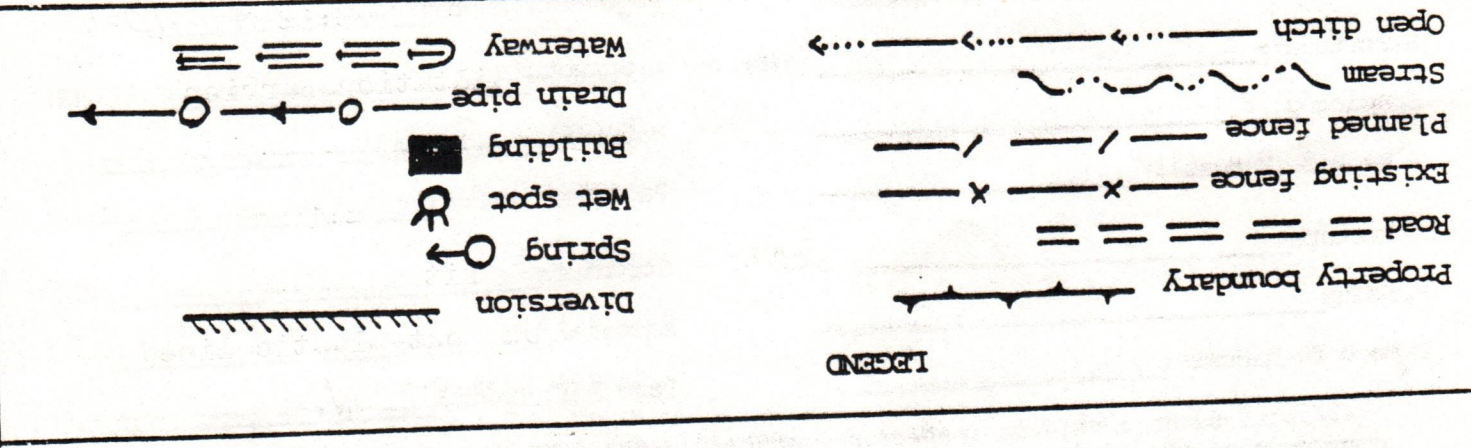
PLAN PREPARED BY William E. Bennett 02/16/2024
 ADDRESS Box 2683
Charleston, WV 25330
 PHONE NO. 345-0216

GRAPH OR PHOTO COPY SECTION OF
REVISED TOPOGRAPHIC MAP.
ARRANGE ESKDALE 7 1/2

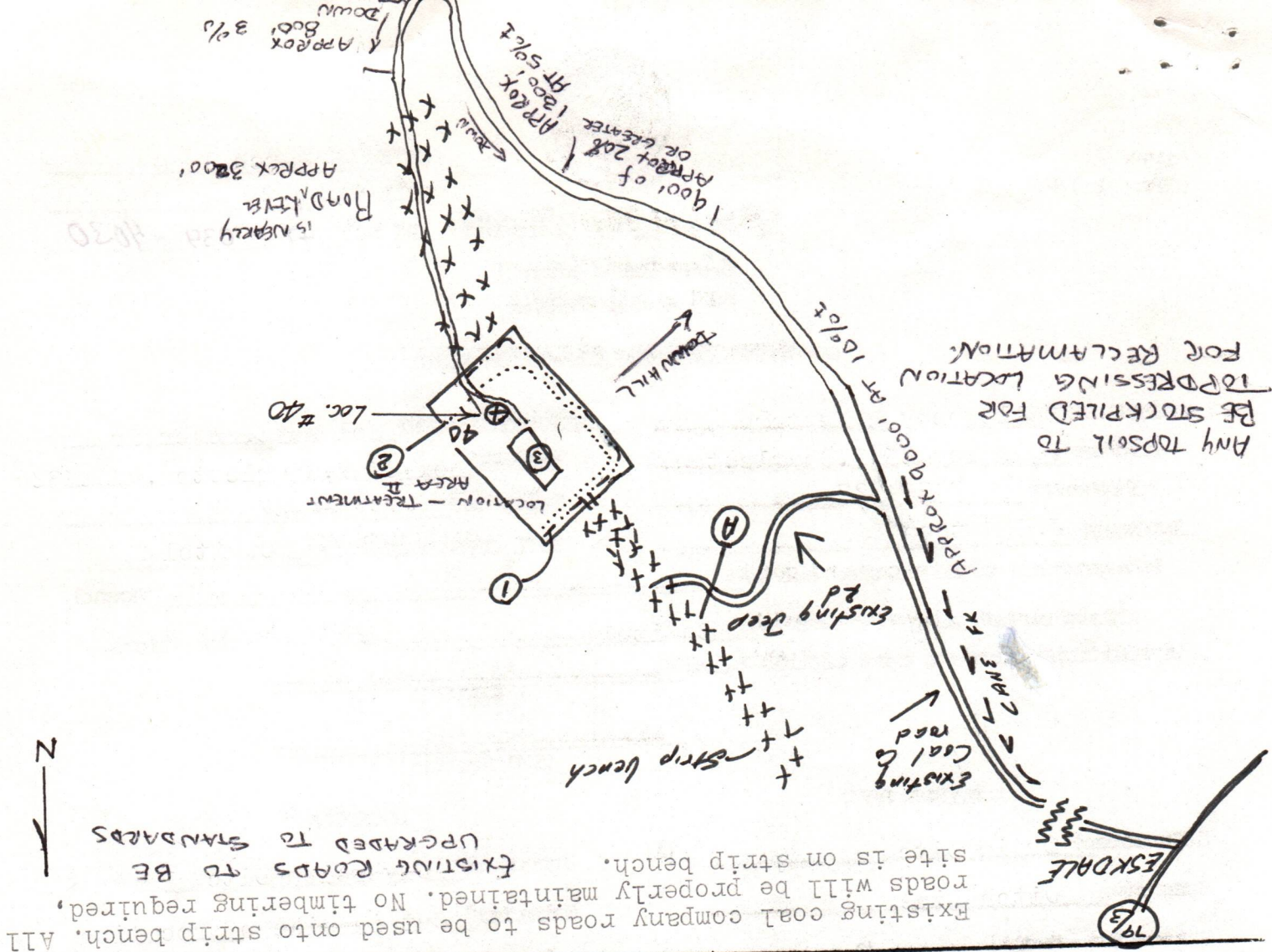
02/16/2024



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



Existing coal company roads to be used onto strip bench. All roads will be properly maintained. No timbering required, existing roads to be upgraded to standards.



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3) API Well No. 47-039-4030
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED
(i) Name Ohley Trust, James E. Watson, III
Address Agent for Trustees
First National Bank
(ii) Name Fairmont, WV 26554
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR Imperial Colliery Co.
Address Burnwell, WV
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Ohley Trust, James E. Watson, III
Address Agent for Trustees
First National Bank
Name Fairmont, WV 26554
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name 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 21st day of March, 1984.
My commission expires June 3, 1992.

Notary Public, KAWAWHA County,
State of WEST VIRGINIA

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

02/16/2024

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</u>	<u>Page</u>
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Farmout from:

Columbia Gas Transmission Corp.	1/8	Not Recorded	5-11-78
United Fuel Gas Co.	Ohley Coal Co.	1/8	100 106-114

02/16/2024



1) Date: March 21, 1984
 2) Operator's Well No. 40 Ohley Trust
 3) API Well No. 47 039
 State _____ County _____ Permit _____

RECEIVED
MAY 3 1984

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

- 4) WELL TYPES: Oil / Gas / None
 B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow)
 5) LOCATION: Elevation: 1960' / Watershed: Kanawha River
 District: Cabin Creek / County: Kanawha / Quadrangle: Esedale
 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: P.O. Box 28 / Address: Elkview, WV 25071
Hanlin, 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, Injun, Weir, & Devonian Shale
 12) Estimated depth of completed well, 5660' feet
 13) Approximate strata depths: Fresh, 720 feet; salt, 1700 feet.
 14) Approximate coal seam depths: 1320' El. Is coal being mined in the area? Yes / No _____

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	<u>9-5/8</u>	<u>SMLS</u>	<u>32</u>	<input checked="" type="checkbox"/>		<u>860'</u>	<u>860'</u>		
Coal	<u>7"</u>	<u>SMLS</u>	<u>23</u>	<input checked="" type="checkbox"/>		<u>3240'</u>	<u>3240'</u>		Sizes
Intermediate									Required by
Production	<u>4 1/2"</u>	<u>SMLS</u>	<u>10.5</u>	<input checked="" type="checkbox"/>		<u>5660'</u>	<u>5660'</u>		Depth set
Tubing									
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.)

(For execution by natural persons)

NAME: J. Holcomb
 By: J. Holcomb
 Its: Agent Date: 4/30/84

 (Signature) Date: _____

 (Signature) Date: _____

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

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

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

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

Where to file comments and obtain additional information:

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

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

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

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

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

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

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

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

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



1) Date: March 21, 19 84
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STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
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- 5) LOCATION: Elevation: 1960' Watershed: Kanawha River
 District: Cabin Creek County: Kanawha Quadrangle: Esdale
- 6) WELL OPERATOR Allegheny & Western Energy Corp. 7) DESIGNATED AGENT Roladd C. Baer, Jr.
 Address P.O. Box 2507 Address P.O. Box 2587
Charleston, WV 25329 Charleston, WV 25329
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 Name J. Holcomb Name FVA Drilling
 Address R.R. #1 Box 20 Address Elkview, WV 25071
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 Plug off old formation / Perforate new formation X /
 Other physical change in well (specify)
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15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds <u>By Rule</u>
Fresh water	<u>9-5/8"</u>	<u>SMLS</u>	<u>32</u>	<u>X</u>		<u>860'</u>	<u>860'</u>	<u>300 cts.</u>	
Coal	<u>7"</u>	<u>SMLS</u>	<u>23</u>	<u>X</u>		<u>3240'</u>	<u>3240'</u>	<u>200 cts.</u>	Sizes <u>Or as</u>
Intermediate									<u>Required by</u>
Production	<u>4 1/2"</u>	<u>SMLS</u>	<u>10.5</u>	<u>X</u>		<u>5660'</u>	<u>5660'</u>	<u>300 sks.</u>	Depths set <u>Rule 15.01</u>
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 X / owner / 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: April 13, 19 84

By Imperial Colliery Co.
T. L. Bonham
 Its Chief Engineer

RECEIVED
 MAY 3 1984
 DEPT. OF MINES
 OIL & GAS DIVISION

02/16/2024
 Coal Owner



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- 5) LOCATION: Elevation: 1960' Watershed: Kanawha River
 District: Cabin Creek County: Kanawha Quadrangle: Eskdale
- 6) WELL OPERATOR Allegheny & Western Energy Corp. 7) DESIGNATED AGENT Roland C. Baer, Jr.
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 Name J. Holcomb Name FWA Drilling
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CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Kinds	By Rule
Conductor									Kinds	By Rule
Fresh water	<u>9-5/8"</u>	<u>SMLS</u>	<u>32</u>	<u>X</u>		<u>860'</u>	<u>860'</u>	<u>300 cts.</u>	Sizes	<u>Or as</u>
Coal	<u>7"</u>	<u>SMLS</u>	<u>23</u>	<u>X</u>		<u>3240'</u>	<u>3240'</u>	<u>200 cts.</u>	Depths set	<u>Required by</u>
Intermediate										<u>Rule 15.01</u>
Production	<u>4 1/2"</u>	<u>SMLS</u>	<u>10.5</u>	<u>X</u>		<u>5660'</u>	<u>5660'</u>	<u>300 sks.</u>	Perforations:	
Tubing									Top	Bottom
Liners										

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.

The undersigned coal operator _____ / owner Allegheny Corp 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: April 30, 1984

By _____

Its _____

02/16/2024

Coal Owner

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 MAY 3 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

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. Ohley # 40
Farm Ohley Trust
API No. 47 - 039 - 4030

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: 1850' Watershed Kanawha River K
District: Cabin Creek County Kanawha Quadrangle Eskdale 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 J.E. Watson III et al Trustee
ADDRESS Room 510 1st Nat. Bank Bldg. Fairmont WV
MINERAL RIGHTS OWNER Ohley Coal Company
ADDRESS See Allegheny & Western Energy
OIL AND GAS INSPECTOR FOR THIS WORK
J. Holcomb ADDRESS RR1 Box 28 Hamlin, WV
PERMIT ISSUED May 8, 1984
DRILLING COMMENCED May 13, 1984
DRILLING COMPLETED May 19, 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 Cord.			
13- 10 "	40'	40'	To surf.
9 5/8 <u>I</u>	990'	990'	300 cu. ft.
8 5/8			
7 <u>L</u>	2663'	2663'	268 cu. ft.
5 1/2			
4 1/2 <u>Q</u>	4966'	4966'	100 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Injun, Weir, Berea ³⁸¹⁰ Depth 2960-3420 feet
Depth of completed well 5003 feet Rotary X / Cable Tools _____
Water strata depth: Fresh NA feet; Salt NA feet
Coal seam depths: 390, 825 Is coal being mined in the area? _____

OPEN FLOW DATA
Producing formation Devonian Shale 400 Pay zone depth 3810 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 ^{365 387 395} Injun, Weir, Berea Pay zone depth 2960, 3110, 3420
Gas: Initial open flow 470 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 470 Mcf/d Oil: Final open flow 0 Bbl/d
Time of open flow between initial and final tests 8 hours
Static rock pressure _____ psig (surface measurement) after 24 hours shut in

(Continue on reverse side)

Can. 4030

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

Perforate 2944-3852 with 30 holes

Foam Frac with 60,000# - 20-50 sand, 1000 gal 28% HCl, and 1,324,000 scf N₂.

(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
		Sandstone	0	225	
		Shale	225	390	
		Coal 998	390	400	
		Shale	400	825	
		Coal 998	825	850	
		Shale	850	1358	
		Sand	1358	1830	
		Shale	1830	2724	
		Big Lime 345	2724	2914	
		Injun 365	2914	2970	
		Shale	2970	3102	
		Weir 387	3102	3154	
		Shale	3154	3322	
		L. Weir	3322	3350	
		Shale 394	3350	3380	
		Coffee Shale	3380	3393	
		Berea 395	3393	3442	
		Dev. Shale 400	3442	5003	TD

(Attach separate sheets as necessary)

Allegheny & Western Energy Corporation

Well Operator

02/16/2024

By:

R. N. Hess

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

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MAY 21 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4030

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, WV</u>	<u>James Watson</u>	<u>#40</u>	<u>Cabin Creek County Kan.</u>											16			
															13			
															10			Size of
															8 1/4			Depth set
															6 5/8			
															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: Run 993 ft. 9 5/8 Casing
Cement with 300 Sacks of
Class A Cement
Cement did not come to surface

5/13/84
DATE

Red Miller
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			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

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AUG - 6 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES
Oil or Gas Well _____
(KIND)

Permit No. 039-4030

Company <u>Allegheny & Westcoast</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Charleston</u>	Size			
Farm <u>Ohley Trust</u>	16			Kind of Packer _____
Well No. <u>#40</u>	13			Size of _____
District <u>Cabin Creek</u> County <u>Kan</u>	10			Depth set _____
Drilling commenced _____	8 1/4			Perf. top _____
Drilling completed _____ Total depth _____	6 5/8			Perf. bottom _____
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Liners Used _____
Volume _____ Cu. Ft.				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: LOCATION HAS BEEN Reclaimed & Seeded
Going to Wait A while on GRASS
Before Releasing

7/30/84

DATE

[Signature]

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			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:
Location has been resealed & sealed
ground to half depth on casing
before resealed

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

DISTRICT WELL INSPECTOR
02/16/2024



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SEP 24 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 039-4030 (5-8-84)

P. O. Box 2587

FARM & WELL NO Ohley Trust #40

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 Loel Dutton

DATE 9-19-84

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.

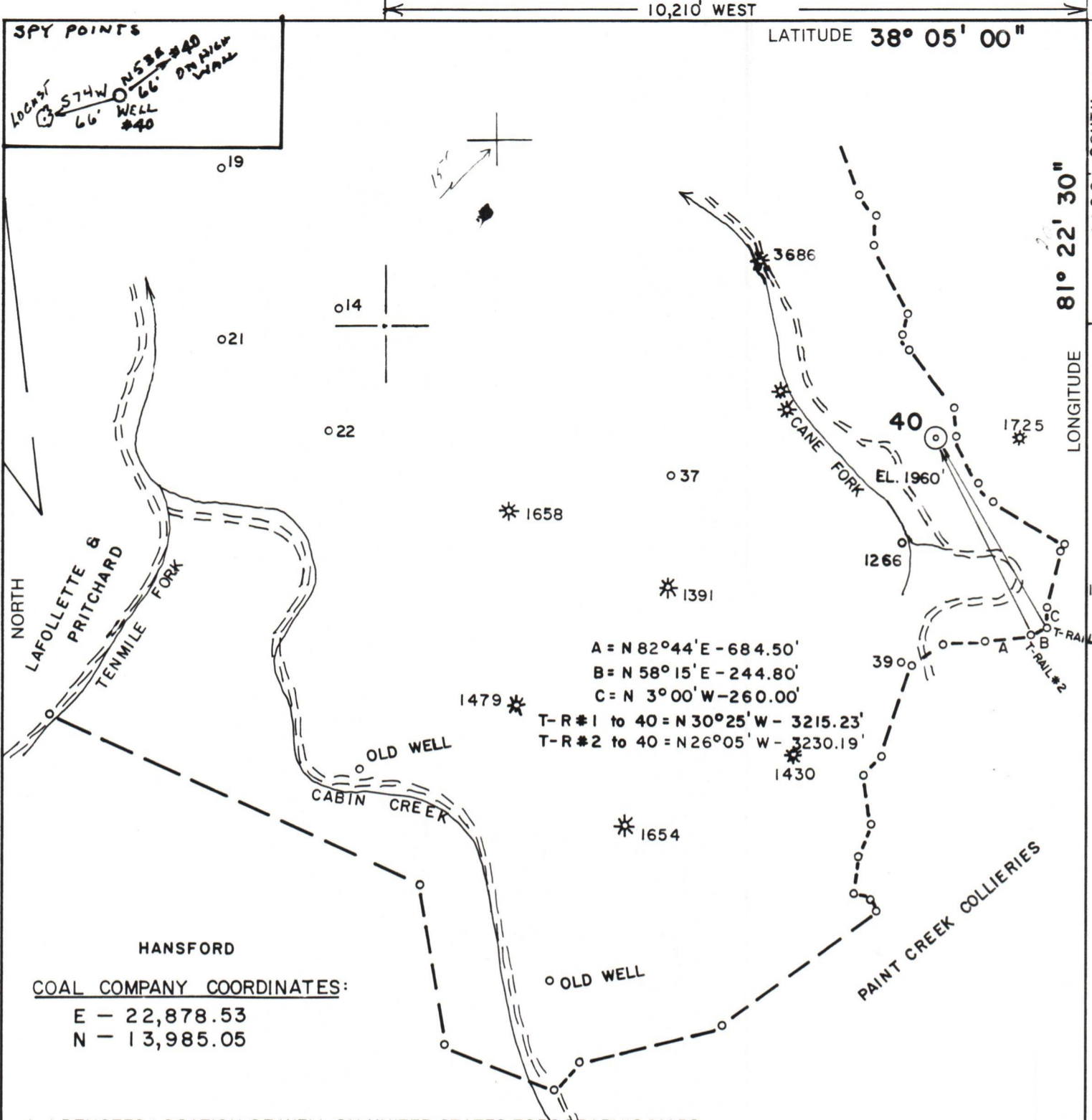
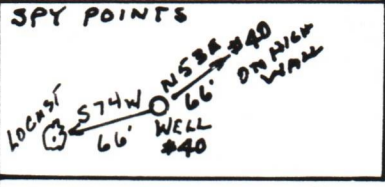
T. H. v. B.
Administrator-Oil & Gas Division

October 4, 1984
DATE

10,210' WEST

LATITUDE 38° 05' 00"

LONGITUDE 81° 22' 30"



COAL COMPANY COORDINATES:
 E - 22,878.53
 N - 13,985.05

A = N 82°44' E - 684.50'
 B = N 58°15' E - 244.80'
 C = N 3°00' W - 260.00'
 T-R #1 to 40 = N 30°25' W - 3215.23'
 T-R #2 to 40 = N 26°05' W - 3230.19'

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

FILE NO. 84-52
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1/2500'
 PROVEN SOURCE OF ELEVATION ESKDALE (812')

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) *Robert Waterman*
 R.P.E. 3788 L.L.S. _____

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 3/1, 19 84
 OPERATOR'S WELL NO. 40
 API WELL NO. 47 039 4030
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1960' WATER SHED CANE FORK
 DISTRICT CABIN CREEK COUNTY KANAWHA
 QUADRANGLE ESKDALE 7.5'

SURFACE OWNER J. E. WATSON III ACREAGE 5438
 OIL & GAS ROYALTY OWNER OHLEY COAL CO. LEASE ACREAGE _____

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 MARCELLUS SHALE ESTIMATED DEPTH 5990'
 WELL OPERATOR ALLEGHENY & WESTERN DESIGNATED AGENT ROLAND C. BAER
 ADDRESS P. O. BOX 2587 ADDRESS SAME
CHARLESTON, WV 25329

COUNTY NAME
 PERMIT

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