

RECEIVED
FILE COPY

JUN 14 1985



1) Date: June 7, 19 85
 2) Operator's Well No. Eastern #37
 3) API Well No. 47 039 -4196
 State County Permit

OIL & GAS DIVISION
 DEPT. OF MINES
 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: 1243 Watershed: Paint Branch
 District: Cabin Creek 1 County: Kanawha Quadrangle: Cedar Grove 284
- 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 1100 Charleston, WV 25329
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Carlos Hively
 Address 223 Pinch Ridge Road
Elkview, WV 25071
- 9) DRILLING CONTRACTOR: Name
 Address
- 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, 5290 feet
 13) Approximate trata depths: Fresh, 670 feet; salt, 1570 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					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	9 5/8"	SMLS	32	X		850'	850'	300 cts.	By Rule 15.05
Coal	7"	SMLS	23	X		1750'	1750'	200 cts.	Sizes
Intermediate									
Production	4 1/2"	SMLS	10.5	X		5290'	5290'	200-400 cts.	Depths set Or As Required by Rule 15.01
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-039-4196

June 19 19 85

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 June 19, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>5</u>	<u>MN</u>	<u>MN</u>	<u>MN</u>	<u>2064</u>

Margaret J. Hesse
 Administrator, Office of Oil and Gas

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

JUN. 7 1985



IV-9
(Rev. 8-81)

RECEIVED

JUN 14 1985

State of West Virginia
Department of Mines
Oil and Gas Division

DATE June 7, 1985
WELL NO. Eastern #37
API NO. 047 - 039 - 4196

OIL & GAS DIVISION
DEPT. OF MINES

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Allegheny & Western Energy Corp. DESIGNATED AGENT Roland C. Baer
Address Box 2587, Charleston, WV Address Box 2587, Charleston, WV 25329
Telephone 343-4327 Telephone 343-4327
LANDOWNER Eastern Associated Coal Corp. SOIL CONS. DISTRICT Capitol
Revegetation to be carried out by Roland C. Baer (Agent)

This plan has been reviewed by Capitol SCD. All corrections and additions become a part of this plan: JUN. 10 1985

"FIELD REVIEWED"

R. C. Alford
(Date)
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>Along Access Road</u>	Material <u>Earthen</u>
Page Ref. Manual _____	Page Ref. Manual <u>2:12 to 2:13</u>
Structure <u>Culvert</u> (B)	Structure _____ (2)
Spacing <u>12"Min.-42"Max. I.D. as shown on Sketch</u>	Material _____
Page Ref. Manual <u>2:7 to 2:11</u>	Page Ref. Manual _____
Structure <u>Cross Drains</u> (C)	Structure <u>Pit</u> (3)
Spacing <u>As shown on Sketch</u>	Material <u>Dug. and plastic lined</u>
Page Ref. Manual <u>2:1 to 2:6</u>	Page Ref. Manual _____

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 3.0 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or Straw 2.0 Tons/acre
Seed* Ky. 31 Tall Fescue 45 lbs/acre
Crownvetch 10 lbs/acre
Rye Grass 10 lbs/acre

Treatment Area II

Lime 3.0 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or Straw 2.0 Tons/acre
Seed* Ky. 31 Tall Fescue 45 lbs/acre
Crownvetch 10 lbs/acre
Rye Grass 10 lbs/acre

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

George F. Rollins Jr.

PLAN PREPARED BY A E Associates, Ltd. 12/29/2023

ADDRESS 1206 Virginia Street, East
Charleston, WV 25301

PHONE NO. 304/346-0505

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

1) Date: June 6, 1985
2) Operator's Well No. Eastern # 37
3) API Well No. 47 039-4196
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 P. O. Box 70
Beckley, WV 25802-0700
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR Nu East Mining, Corp.
Address Box 57
Cabin Creek, WV 25035
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD
Name Eastern Associated Coal Corp.
Address P. O. Box 70
Beckley, WV 25802-0700
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name Nu East Mining, Corp.
Address Box 57
Cabin Creek, WV 25035

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 6 day of June, 1985.
My commission expires Nov 19, 1989.

John L. Knapp
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

DEPT. OF MINES
OIL & GAS DIVISION

RECEIVED
JUN 14 1985

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

CONCERNING THE LINE ITEMS:

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

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

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

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

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

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

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

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

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page

Paint Creek Coal &
Land Company

United Fuel Gas Co.

Columbia Gas
Transmission Corp.

Allegheny & Western
Energy Corporation
by Farmout

1/8 L. B. 19 Pg. 172
Recorded 11-20-11



1) Date: June 7, 19 85
 2) Operator's Well No. Eastern #37
 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: 1243 Watershed: Paint Branch
 District: Cabin Creek County: Kanawha Quadrangle: Cedar Grove
- 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 Carlos Hively
 Address 223 Pinch Ridge Road
Elkview, WV 25071
- 9) DRILLING CONTRACTOR:
 Name _____ Address _____
- 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, 5290 feet
 13) Approximate strata depths: Fresh, 670 feet; salt, 1570 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					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>	<u>X</u>		<u>850'</u>	<u>850'</u>	<u>300 cts.</u>	<u>By Rule 15.05</u>
Coal	<u>7"</u>	<u>SMLS</u>	<u>23</u>	<u>X</u>		<u>1750'</u>	<u>1750'</u>	<u>200 cts.</u>	Sizes
Intermediate									
Production	<u>4 1/2"</u>	<u>SMLS</u>	<u>10.5</u>	<u>X</u>		<u>5290'</u>	<u>5290'</u>	<u>200-400 cts.</u>	Depths set <u>Or As Required</u>
Tubing									<u>by Rule 15.01</u>
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 / lessee X / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Nu East Mining Corp
Eastern Associated Coal Corp
 By Michael D. Eddy Jr
 Its Manager of Properties

Date: June 14, 19 85

12/29/2023
 Coal Owner

SURFACE OWNER'S COPY



1) Date: June 7, 19 85
 2) Operator's Well No. Eastern #37
 3) API Well No. 47 039
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
4196
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: 1243 Watershed: Paint Branch
 District: Cabin Creek County: Kanawha Quadrangle: Cedar Grove
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 Address P. O. Box 2587 Address P. O. Box 2587
Charleston, WV 25329 Charleston, WV 25329
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Carlos Hively
 Address 223 Pinch Ridge Road
Elkview, WV 25071
- 9) DRILLING CONTRACTOR: Name _____ Address _____
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation X /
 Other physical change in well (specify) _____
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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		
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Fresh water	<u>9 5/8"</u>	<u>SMLS</u>	<u>32</u>	<u>X</u>		<u>850'</u>	<u>850'</u>	<u>300 cts.</u>	<u>By Rule 15.05</u>
Coal	<u>7"</u>	<u>SMLS</u>	<u>23</u>	<u>X</u>		<u>1750'</u>	<u>1750'</u>	<u>200 cts.</u>	Sizes
Intermediate									
Production	<u>4 1/2"</u>	<u>SMLS</u>	<u>10.5</u>	<u>X</u>		<u>5290'</u>	<u>5290'</u>	<u>200-400 cts.</u>	Depths set <u>Or As Required</u>
Tubing									<u>by Rule 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.)

(For execution by natural persons)

NAME: Eastern Associated Coal Corp

By Michael A. Eady Jr

Its VP of Property Date Jun 14 1985

(Signature) Date: _____

(Signature) Date: _____

12/29/2023
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.

12/29/2023
Surface Owner



IV-35
(Rev 8-81)

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DEC - 6 1985
DIVISION OF OIL & GAS
DEPT. OF ENERGY

State of West Virginia
Department of Mines
Oil and Gas Division

Date October 31, 1985
Operator's Eastern Assoc. Coal # 37
Well No. Eastern Assoc. Coal
Farm Eastern Assoc. Coal
API No. 47-039-4196

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: 1243 Watershed Paint Branch
District: Cabin Creek County Kanawha Quadrangle Cedar Grove

COMPANY Allegheny & Western Energy Corporation

ADDRESS P. O. Box 2587, Chas., WV 25329

DESIGNATED AGENT Dennis L. Mann

ADDRESS P. O. Box 2587, Chas., WV 25329

SURFACE OWNER Eastern Assoc. Coal

ADDRESS P.O. Box 70, Beckley, WV

MINERAL RIGHTS OWNER Eastern Assoc. Coal

ADDRESS P. O. Box 70, Beckley, WV

OIL AND GAS INSPECTOR FOR THIS WORK

C. Hively ADDRESS Elkview, WV

PERMIT ISSUED 6-19-85

DRILLING COMMENCED 6-21-85

DRILLING COMPLETED 6-27-85

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 ^{XXX}	40	40	To Surf
9 5/8	925	925	340 SX
8 5/8			
7	2230	2230	175 SX
5 1/2			
4 1/2	4606	4606	225 SX
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 2940 feet

Depth of completed well 4675 feet Rotary X / Cable Tools _____

Water strata depth: Fresh 670 feet; Salt 1570 feet

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

OPEN FLOW DATA Big Lime

Producing formation Berea Pay zone depth 2420 feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 85 / 185 Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure 540 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)

Second producing formation Devonian Shale Pay zone depth 2940 feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 742 Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure 680 psig (surface measurement) after 24 hours shut in

(Continue on reverse side)

747
4196

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

Perforate 2507 - 3308 with 40 holes
Perforate 3343 - 4627 with 50 holes

Frac with 120,000# 20/40 sand 2,000 gallons 15% HCl
& 2,200 MscfN₂

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 & Shale			0	1171	
Saltsand			1171	1292	
Shale			1292	1322	
Saltsand			1322	1650	
Sandstone & Shale			1650	1749	
Limestone			1749	1783	
Shale & Sand			1783	2069	
Little Lime			2069	2119	
Slate & Lime			2119	2159	
Big Lime			2159	2421	
Big Injun			2421	2454	
Salty Shale			2454	2506	
Upper Weir			2506	2553	
Shale			2553	2594	
Lower Weir			2594	2617	
Salty Shale			2617	2865	
Coffee Shale			2865	2881	
Berea			2881	2940	
Devonian Shale			2940	4675	

(Attach separate sheets as necessary)

Allegheny & Western Energy Corporation

Well Operator

By: Dennis G. Mann

12/29/2023

Date: October 31, 1985

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

INSPECTOR'S WELL REPORT

Permit No. 039-4196

Oil or Gas Well _____
(KIND)

Company <u>Allegheny + Western</u> Address _____ Farm <u>Eastern Assoc. Coal Corp.</u> Well No. <u>Eastern #37</u> District <u>Cabin Creek</u> County <u>Kanawha</u> Drilling commenced _____ Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer _____
	16			
	13			
	10			Size of _____
	8 3/4			
	6 3/4			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 E.W.A. Drilling Company Rig #22

Remarks: Set 925' of 9 5/8" casing + cemented with 340 SKS. Class A. 39% c.c. Plug down at 3:30 p.m. 6-22-85. Today drilling at 1945' + soaping hole.

6-24-85
DATE

Charles W. Hines
DISTRICT WELL INSPECTOR

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

INSPECTOR'S WELL REPORT

Permit No. 039-4196

Oil or Gas Well _____
(KIND)

Company Allegheny + Western
 Address _____
 Farm Eastern Assoc. Coal Corp
 Well No. Eastern #37
 District Cabin Creek County Kanawha
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 1/2			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: T.O hole 6-27-85. Moved rig off location. Today nothing being done.

6-28-85
DATE

Carson Hines
DISTRICT WELL INSPECTOR

✓
1R-26
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

6-19-85

WELL TYPE Gas
ELEVATION _____
DISTRICT Cabin Creek
QUADRANGLE _____
COUNTY Kanawha

API# 47-039 - 4196
OPERATOR A+W Energy Corp
TELEPHONE _____
FARM Eastern Assoc. Coal Corp.
WELL # Eastern # 37

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____

TARGET FORMATION _____ DATE APPLICATION RECEIVED _____

DATE STARTED _____

LOCATION _____ NOTIFIED _____ DRILLING COMMENCED _____
RECEIVED
OIL AND GAS ENERGY

WATER DEPTHS _____, _____, _____, _____

COAL DEPTHS _____, _____, _____, _____

JUN 10 1986

CASING

Ran 925 feet of 9 5/8 "pipe on 6-22-85 with 340 SWS fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up

TD _____ feet on _____

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released 6-2-86

✓
Carlos W. Hively
Inspector's signature

12/29/2023

API# 47 - - - - -

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

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

RECEIVED
DEC 26 1985

0 API well number: 47-039-4196
(If not assigned, leave blank. 14 digits.)

0 Type of determination being sought: 103
(Use the codes found on the front of this form.)
Section of NGPA Category

0 Depth of the deepest completion location: 4627 feet
(Only needed if sections 103 or 107 in 2.0 above.)

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

5.0 Location of this well: (Complete (a) or (b).)
(a) For onshore wells (35 letters maximum for field name.)
Cabin Creek District
Field Name WV
County State

(b) For OCS wells:
Area Name _____ Block Number _____
Date of Lease: _____
Mo. Day Yr. DCS Lease Number _____

(c) Name and identification number of this well: (35 letters and digits maximum.)
Eastern #37

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

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

(b) Date of the contract: _____
Mo. Day Yr.

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

	(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c) -
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU _____	_____	_____	_____
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU _____	_____	_____	_____

9.0 Person responsible for this application:
Dennis L. Mann
Name Title
Dennis L. Mann
Signature
Nov 22, 1985
Date Application is Completed
304-343-4327
Phone Number

Agency Use Only
Date Received by Juris. Agency
DEC 26 1985
Date Received by FERC

12/29/2023

Date: Nov 22, 1985 1100
 Applicant's Name: Allechem & Western Energy Corp.
 Address: P. O. Box 2587
Charleston, West Virginia 25329
 Gas Purchaser Contract No. Kan-1
 Date of Contract 6 21 84
 (Month, day and year)

AGENCY USE ONLY
 WELL DETERMINATION FILE NUMBER
851226 -1030-039 - 4196
 Use Above File Number on all
 Communications Relating to This Well

First Purchaser: Mountaineer Gas CONDENS ⁶⁴⁰
 Address: P. O. Box 3152,
 (Street or P.O. Box)
Charleston, WV
 (City) (State) (Zip Code)
 FERC Seller Code _____

Designated Agent: Dennis L. Mann
 Address: P. O. Box 2587
Charleston, WV 25329
 FERC Buyer Code _____

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

Name: Dennis L. Mann
 (Print) _____ (Title) _____
 Signature: *Dennis L. Mann*
 Address: P. O. Box 2587
 (Street or P.O. Box)
Charleston WV 25329
 (City) (State) (Zip Code)
 Telephone: _____
 (Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
 - 102-2 2.5 Mile Test
 - 102-3 1000 Foot Deeper Test
 - 102-4 New Onshore Reservoir
- 103 New Onshore Production Well
 - 103 New Onshore Production Well
- 107 High Cost Natural Gas
 - 107-0 Deep (more than 15,000 feet)
 - 107-1 Geopressured Brine
 - 107-2 Coal Seams
 - 107-3 Devonian Shale
 - 107-5 Production enhancement
 - 107-6 New Tight Formation
 - 107-7 Recompletion Tight Formation

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

RECEIVED
 DEC 26 1985

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

Date Received _____

AGENCY USE ONLY
 QUALIFIED
 12/29/2023

Determination Date _____

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

Date Nov 22 1985

Operator's Well No. Eastern #37

API Well No. 47 - 039 - 496
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT Dennis L. Mann
ADDRESS P.O. Box 2587
Charleston, WV 25329

WELL OPERATOR Allegheny & Western Energy
ADDRESS P.O. Box 2587
Charleston, WV 25329

LOCATION: Elevation 1243
Watershed Tant Branch
Dist. Cabin Crk County Kanawha Quad Color Grove

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

Gas Purchase Contract No. Kan-1
Meter Chart Code N/A
Date of Contract 6-21-84

* * * * *

Date surface drilling was begun: 6-21-85

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

BHP = Absolute static pressure plus pressure from gas column
BHP = (680 + 15) + Specific Gravity X Depth
BHP = (685 + 52)
BHP = 747

AFFIDAVIT

I, Dennis L. Mann, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

STATE OF WEST VIRGINIA,
COUNTY OF Kanawha, TO WIT:

Dennis L. Mann

I, Deborah J. Kuhl Aldier Notary Public in and for the state and county aforesaid,

do certify that Dennis L. Mann, whose name is signed to the writing above, bearing date the 22 day of November, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 22 day of November, 1985.

My term of office expires on the 29 day of May, 1990.

[NOTARIAL SEAL]

Deborah J. Kuhl Aldier
Notary Public

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

RECEIVED
DEC 26 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

47 - 039 - 4196 -

0 API well number: (If not assigned, leave blank, 14 digits.)

0 Type of determination being sought: (Use the codes found on the front of this form.)
Section of NGPA: 107 Category Code: 3

0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)
4627 feet

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

5.0 Location of this well: [Complete (a) or (b).]
(a) For onshore wells (35 letters maximum for field name.)
Field Name: Cabin Creek District
County: Kanawha State: WV

(b) For OCS wells:
Area Name: _____ Block Number: _____
Date of Lease: _____
Mo. Day Yr. DCS Lease Number: _____

(c) Name and identification number of this well: (35 letters and digits maximum.)
Eastern #37

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

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

(b) Date of the contract: _____
Mo. Day Yr.

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

	(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	-----	-----	-----	-----
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	-----	-----	-----	-----

9.0 Person responsible for this application:
Name: Dennis L. Mann Title: _____
Signature: Dennis L. Mann
Date Application is Completed: Nov 22, 1985 Phone Number: 304-343-4327

Agency Use Only
Date Received by Juris. Agency: DEC 26 1985
Date Received by FERC: _____

12/29/2023

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

JAN 15 1986

Date: Nov 22, 1985 1100

AGENCY USE ONLY

Applicant's Name: Allegheny & Western Energy Corp.

WELL DETERMINATION FILE NUMBER

Address: P. O. Box 2587

851226 - 1073 - 039 - 4196

Charleston, West Virginia 25329

Use Above File Number on all Communications Relating to This Well

Gas Purchaser Contract No. kan-1

Date of Contract 10 21 84
(Month, day and year)

Designated Agent: Dennis L. Mann

First Purchaser: Mountaineer Gas Company ⁶⁴⁰

Address: P. O. Box 2587

Address: P. O. Box 3152,

Charleston, WV 25329

(Street or P.O. Box)

Charleston, WV

(City) (State) (Zip Code)

FERC Seller Code _____

FERC Buyer Code _____

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

Name: Dennis L. Mann

(Print) _____ (Title)

Signature: Dennis L. Mann

Address: P. O. Box 2587

(Street or P.O. Box)

Charleston WV 25329

(City) (State) (Zip Code)

Telephone: _____

(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

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

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

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

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

AGENCY USE ONLY

QUALIFIED

12/29/2023

RECEIVED
DEC 26 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received

Determination Date

Well: EASTERN #37

API No.: 47-039-4196

On the basis of the Gamma Ray Log, the top of the Devonian shale is established at 2940 feet and the base at 4668 feet, a total interval of 1728 feet of Devonian. The 5% disqualification factor is, therefore, established as $.05 \times 1728$ feet, or 86.4 feet.

The gamma ray shale base line was established in the Devonian shale, exclusive of the black shale horizons, and was determined to be 133.4 API units. The 70% gamma ray index line is, therefore, 93.4 API units.

The total footage of disqualifying footage was calculated to be 15 feet or 0.87% of the total Devonian shale interval penetrated by the well bore. This well, therefore, qualifies for Devonian shale pricing.

12/29/2023

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's Well No. Eastern #37

WELL CLASSIFICATION FORM

HIGH COST GAS WELL - DEVONIAN SHALE

API Well No.

NGPA Section 107

47 - 039 - 4194
State County Permit

DESIGNATED AGENT Dennis L. Mann

ADDRESS P. O. Box 2587

Charleston, West Virginia 25329

LOCATION Elevation 1243

Watershed Paint Branch

Dist. Cabin Crk County Kan. Quad. Cedar Grove

Gas Purchase Contract No. Kan-1

Meter Chart Code N/A

Date of Contract 6-21-85

WELL OPERATOR Allegheny & Western Energy

ADDRESS P.O. Box 2587

Charleston, WV 25329

GAS PURCHASER Mountaineer Gas Company

ADDRESS 414 Summers Street

Charleston, West Virginia

Date surface drilling began: 10-21-85

Indicate the bottom hole pressure of the well and explain how this was calculated.

BHP = Absolute static pressure plus pressure from gas column
BHP = (680 + 15) + (Specific Gravity X Depth)
BHP = (695 + 52)
BHP = 747

AFFIDAVIT

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

STATE OF WEST VIRGINIA

Dennis L. Mann

COUNTY OF Kanawha, TO-WIT:

I, Deborah J. Kuhl Auxier, a Notary Public in and for the state and county aforesaid, do certify that Dennis L. Mann, whose name is signed to the writing above, bearing date the 22 day of November, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 22 day of November, 1985.

My term of office expires on the 29 day of May, 1990.

Deborah J. Kuhl Auxier
Notary Public

(NOTARIAL SEAL)

1800'

MH 6-17-85

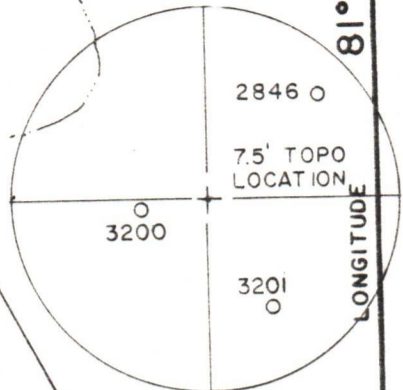
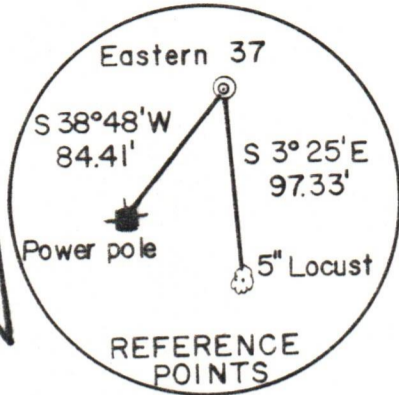
COAL COORDINATES

N 38,105.47
E 62,328.16

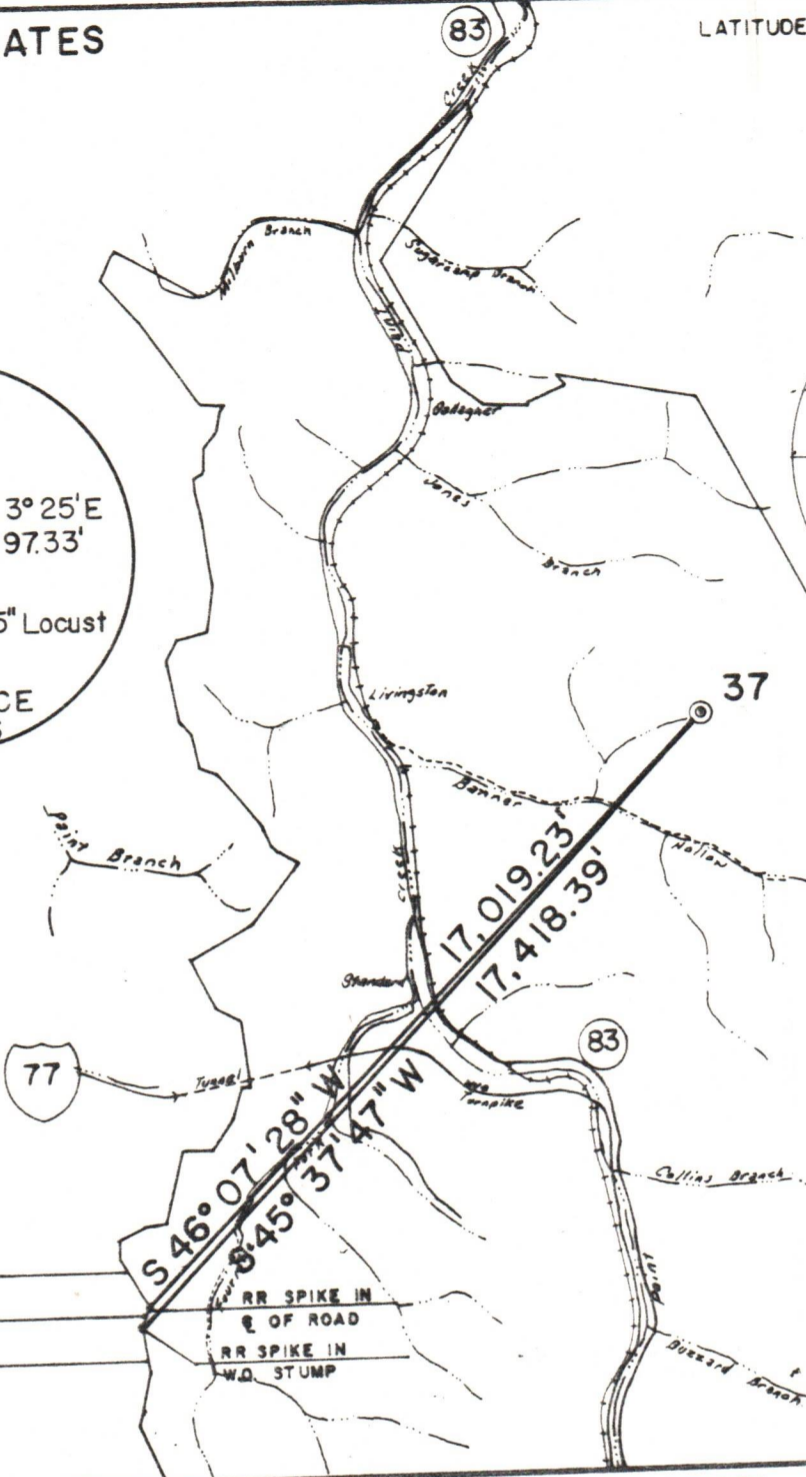
LATITUDE 38° 10' 00"

81° 22' 30"

4,875'

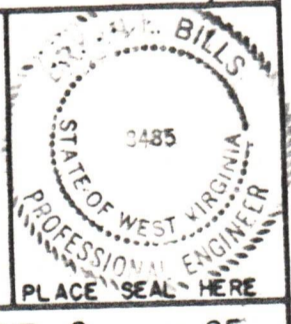


NORTH



S 31° 12' E 1193.5'
S 25° 36' W 434'
S 09° 38' E 896.3'

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) Bryan J. Bell
R. P. E. 8485 L. L. S.



FILE NO. 10-002
DRAWING NO. _____
SCALE 1" = 4000'
MINIMUM DEGREE OF ACCURACY 1' in 2500'
PROVEN SOURCE OF ELEVATION USGS BM 9SKS 1963 ELEV. 731

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV-6
(8-78)



Department of Mines
Oil & Gas Division

DATE JUNE 6 1985
OPERATOR'S WELL NO. 37
API WELL NO. 47-039-4196
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X)
LOCATION: ELEVATION 1243 WATER SHED BANNER HOLLOW
DISTRICT CABIN CREEK COUNTY KANAWHA
QUADRANGLE CEDAR GROVE 7.5'
SURFACE OWNER Eastern Associated Coal Corporation ACREAGE 21,238
OIL & GAS ROYALTY OWNER Eastern Associated Coal Corporation LEASE ACREAGE 2230
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ ESTIMATED DEPTH 5290'
TARGET FORMATION MARCELLUS SHALE DESIGNATED AGENT ROLAND C. BAER
WELL OPERATOR ALLEGHENY & WESTERN ADDRESS SAME
ADDRESS PO. BOX 2587 CHARLESTON, WVA 25329