



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

JUN 24 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE June 18, 1982

Surface Owner Orville W. Bell

Company Eastern Associated Coal Corp.

Address Daybrook Road, Fairview, WV 26570

Address Rt. 1, Box 144, Fairview, WV 26570

Mineral Owner See attached sheet

Farm J. G. Conaway Acres 50

Address \_\_\_\_\_

Location (waters) Branch of Bennifield Prong

Coal Owner See attached sheet

Well No. 1 (EACC-F1-468) Elevation 1483.84'

Address \_\_\_\_\_

District Clay County Monongalia

Coal Operator Eastern Associated Coal Corp.

Quadrangle Grant Town, 7 1/2'

Address Rt. 1, Box 144, Fairview, WV 26570

THIS PERMIT MUST BE POSTED AT THE WELL SITE.

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

INSPECTOR APPROVED FOR redrilling. THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 3-8-83

BY [Signature]

INSPECTOR TO BE NOTIFIED William Blosser

ADDRESS P.O. Box 1028, Colfax, WV 26566

PHONE 363-9105

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated \_\_\_\_\_ 19\_\_\_\_ by \_\_\_\_\_ made to \_\_\_\_\_ and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in \_\_\_\_\_ County, Book \_\_\_\_\_ Page \_\_\_\_\_

NEW WELL \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ XXXX REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Very truly yours,  
(Sign Name) John A. Veitch  
Well Operator  
Eastern Associated Coal Corp.  
Northern Division Complex, Rt. 1, Box 144  
Street  
Fairview, WV 26570  
City or Town  
State \_\_\_\_\_

05/10/2024

\*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND



**THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO XXXx RE- DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: John A. Veitch  
 NAME Chisler Brothers \_\_\_\_\_ NAME Eastern Associated Coal Corp. \_\_\_\_\_  
 ADDRESS Pentress, WV \_\_\_\_\_ ADDRESS Rt. 1, Box 144, Fairview, WV 26570 \_\_\_\_\_  
 TELEPHONE (304) 879-5511 \_\_\_\_\_ TELEPHONE (304) 449-1911, ext. 250 \_\_\_\_\_  
 ESTIMATED DEPTH OF COMPLETED WELL: 2363 ft. \_\_\_\_\_ ROTARY \_\_\_\_\_ CABLE TOOLS XXXX \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Injun \_\_\_\_\_  
 TYPE OF WELL: OIL XXXX GAS \_\_\_\_\_ COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM: (See attached plugging permit application)

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT LIFT UP OR SACKS CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8			
7			
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS Pittsburgh Seam, 912 feet \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? YES \_\_\_\_\_ BY WHOM? EACC-Federal No. 1 Mine \_\_\_\_\_

**TO DRILL:**

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

**TO DRILL DEEPER OR REDRILL:**

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

**TO FRACTURE - STIMULATE:**

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for Eastern Associated Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the Eastern Associated Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

John A. Veitch  
 For Coal Company  
 Resident Engineer  
 Official Title

05/10/2024





**Eastern Coal**

Eastern Associated Coal Corp.  
Koppers Building  
Pittsburgh, Pennsylvania 15219  
Northern Division Complex  
Rt. 1, Box 144  
Fairview, WV 26570

NOTE: Listed below are the coal owners of the Federal No. 1 Mine.

Camp Run Land Company  
2900 Grant Building  
Pittsburgh, PA 15219

Consol Land Development Company  
Consol Plaza  
Pittsburgh, PA 15241

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OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

05/10/2024



Date June 15, 1982  
Well No. EACC-F1-168  
API No. 47 - 061 - 0698  
State County

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS

Company Name Eastern Associated Coal Corp. Designated Agent John A. Veitch  
Address Rt. 1, Box 111, Fairview, WV 26570 Address Same  
Telephone (304) 449-1911, ext. 250 Telephone Same  
Landowner Orville W. Bell Soil Cons. District Monongahela

Revegetation to be carried out by EACC (Agent)

This plan has been reviewed by Monongahela SCD. All corrections  
and additions become a part of this plan. 6-22-82 [Signature]  
(Date) (SCD Agent)

Access Road	Location
Structure <u>Ditch Relief Culvert</u> (A)	Structure <u>Interceptor Channel</u> (1)
Spacing <u>200 feet</u>	Material <u>Soil</u>
Page Ref. Manual <u>1:8</u>	Page Ref. Manual <u>1:11 &amp; 1:14</u>
Structure _____ (B)	Structure <u>Sedimentation Basin</u> (2)
Spacing _____	Material <u>Soil</u>
Page Ref. Manual _____	Page Ref. Manual <u>1:20 &amp; 1:22</u>
Structure _____ (C)	Structure _____
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

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

OIL AND GAS DIVISION  
DEPARTMENT OF MINES

Revegetation

Treatment Area I

Treatment Area II

Lime 2.0 Tons/acre  
or correct to pH 6.5

Lime 2.0 Tons/Acre  
or correct to pH 6.5

Fertilizer 1000 lbs/acre  
(10-20-20 or equivalent)

Fertilizer 1000 lbs/acre  
(10-20-20 or equivalent)

Mulch Hay 2.0 Tons/Acre

Mulch Hay 2.0 Tons/Acre

Seed\* Redtop 4.8 lbs/acre  
Ky. 31 Tall Fescue 15.2 lbs/acre  
Creeping Red Fescue 20.0 lbs/acre

Seed\* Redtop 4.8 lbs/acre  
Ky. 31 Tall Fescue 15.2 lbs/acre  
Creeping Red Fescue 20.0 lbs/acre

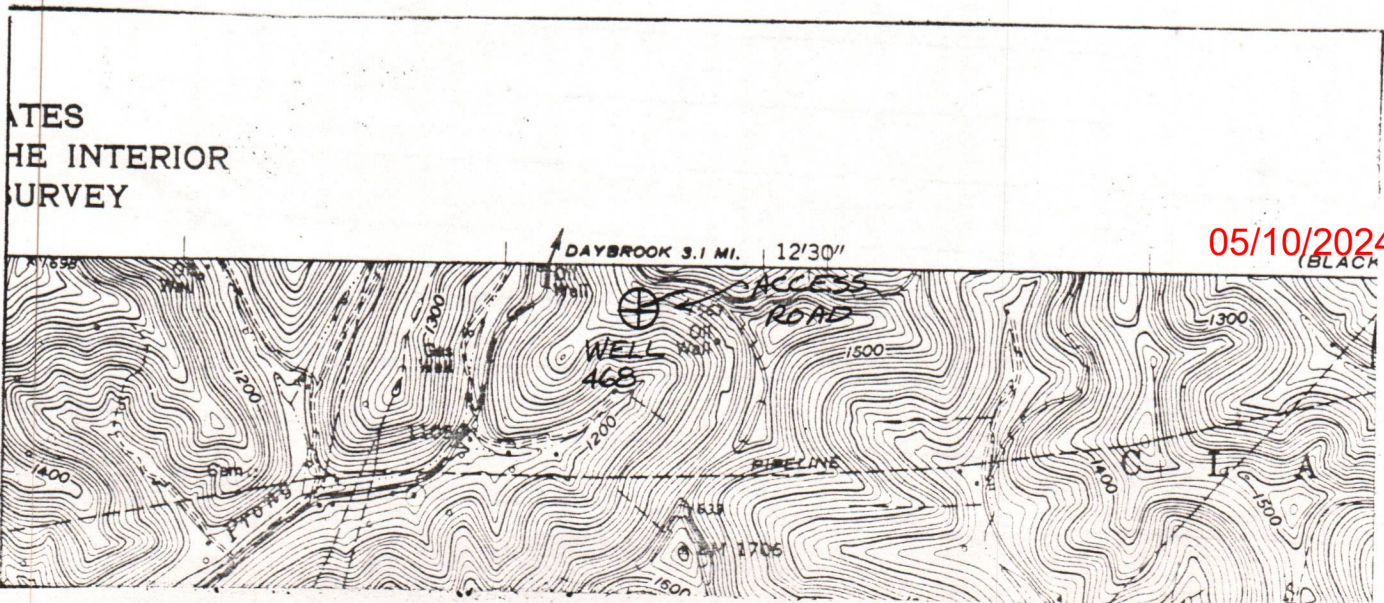
Rye Grass 15.0 lbs/acre

Rye Grass 15.0 lbs/acre

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

Attach or photocopy section of involved Topographic map. Quadrangle Grant Town 7 1/2'

Legend:  Well Site  
 Access Road



ATES  
HE INTERIOR  
SURVEY

05/10/2024  
BLACK

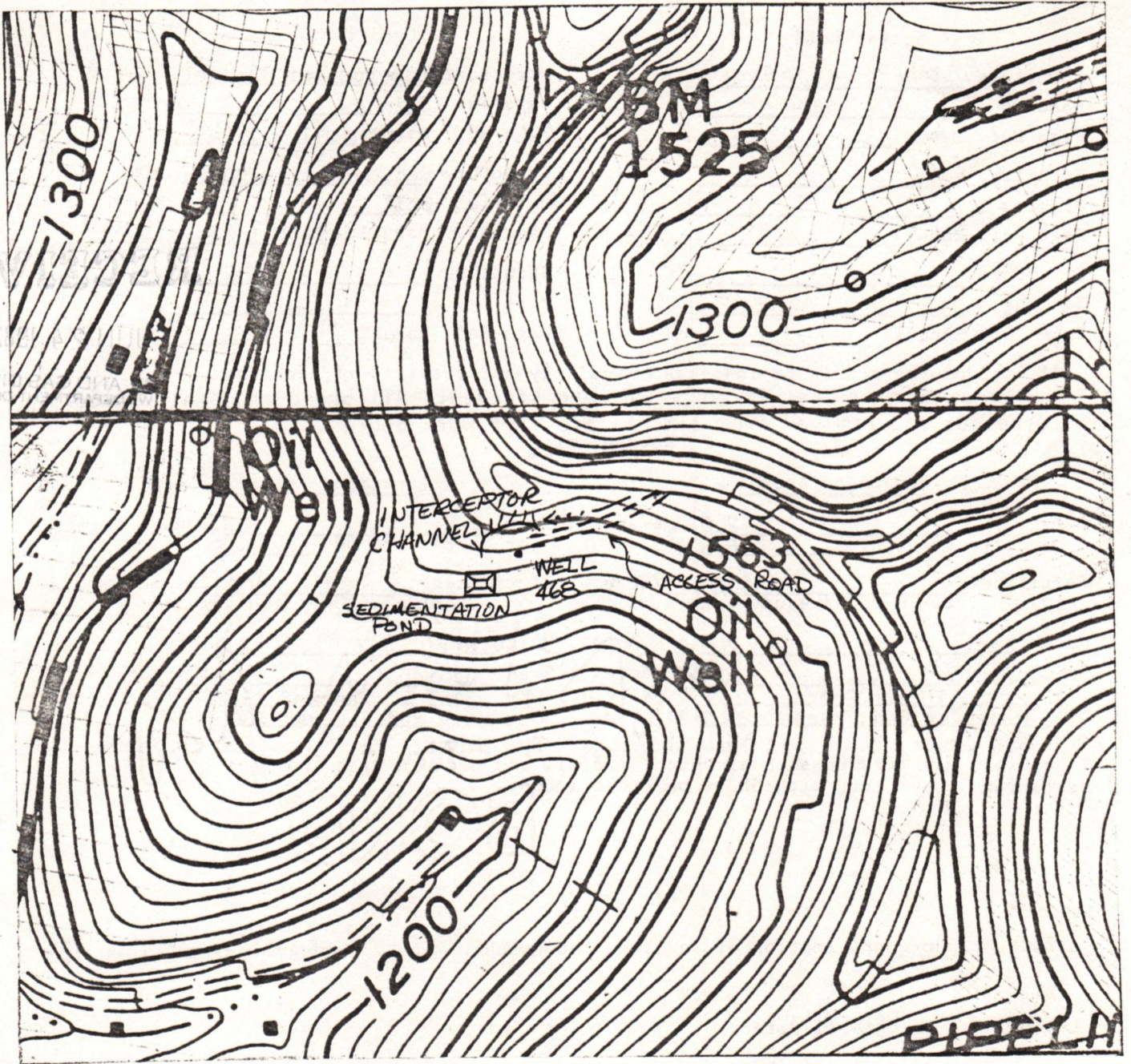


Well Site Plan

- Legend:
- Property Boundry
  - Road
  - Existing Fence
  - Planned Fence
  - Stream
  - Open Ditch

- Diversion
- Spring
- Wet Spot
- Building
- Drain Pipe
- Waterway

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



Comments:

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05/10/2024

Signature \_\_\_\_\_ Address \_\_\_\_\_ Phone Number \_\_\_\_\_

... to protect new seeding for one growing season



6/15/82

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OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

THIS AGREEMENT, Made this 16th day of June, 1982,  
by and between ORVILLE W. BELL and JOSEPHINE F. BELL, his  
wife (hereinafter "Owners") and EASTERN ASSOCIATED COAL CORP.,  
a West Virginia corporation (hereinafter "Eastern");

WHEREAS, Owners hold title to a 28.654 acre, more or less,  
tract of surface land located on West Virginia Route 27-1  
in Clay District, Monongalia County, West Virginia; and

WHEREAS, Eastern desires to acquire the necessary rights  
to go on to Owners' tract in order to plug Well No. F-1-468  
and Owners are willing to grant said rights.

WITNESSETH, THEREFORE, that for and in consideration of  
the premises and other good and valuable consideration, Owners  
and Eastern hereby agree as follows:

1. Eastern shall pay Owners the sum of Five Hundred  
Dollars (\$500.00) as consideration for all of the various rights  
granted hereunder by Owners, and Owners hereby acknowledge  
the receipt and sufficiency thereof. Said consideration  
is the only payment which shall be made by Eastern to Owners  
hereunder.

2. Owners hereby grant Eastern the following rights  
over Owners' tract which are convenient or necessary for  
plugging Well No. F-1-468.

A. The right of ingress, egress and regress for men  
and equipment over and upon Owners' tract from  
West Virginia Route 27-1 as shown on the  
entitled "Exhibit A" attached hereto and made a  
part hereof.

05/10/2024



- B. The right to use such surface land as is necessary and convenient for plugging Well No. F-1-468.
- C. The right to construct, rework and regrade the road and the well site as required.
- D. It is understood and agreed by Owners that Eastern shall have the right to cut, remove and dispose of all timber on the access road and the well plugging site, and that such right is granted by Owners to Eastern, along with the other rights listed above, in exchange for the consideration stated above.

3. Eastern hereby agrees to reclaim the access road and the well plugging site after the completion of plugging. Reclamation shall include, as needed, regrading, seeding and mulching in accordance with Eastern's permit and as required by law. No different reclamation program or schedule shall be agreed to between Eastern and Owners. Upon the written request of Owners and to the extent that it is allowable under federal, state and local law and does not extend or increase any of Eastern's obligations, Eastern shall leave unreclaimed all or part of the access road constructed hereunder. Owners' written request must be received by Eastern within thirty (30) days after Eastern notifies Owners that all construction work has been completed. The right of way for the access road will be no more than 100 feet wide and the well plugging site will be no more than 400 feet square. Eastern's representatives



will monitor all work to insure that all work is confined within the designated areas.

4. The rights granted herein shall continue for so long as required for plugging Well No. F-1-468 and completing reclamation.

5. This Agreement shall be interpreted and governed by the laws of the state of West Virginia.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

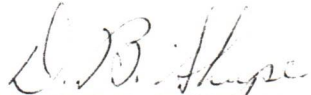
  
\_\_\_\_\_  
Orville W. Bell

  
\_\_\_\_\_  
Josephine F. Bell

EASTERN ASSOCIATED COAL CORP.

ATTEST:

  
\_\_\_\_\_  
Secretary

By   
\_\_\_\_\_  
Senior Vice President

This document was prepared by:  
Eastern Associated Coal Corp.  
1728 Koppers Building  
Pittsburgh, Pennsylvania 15219







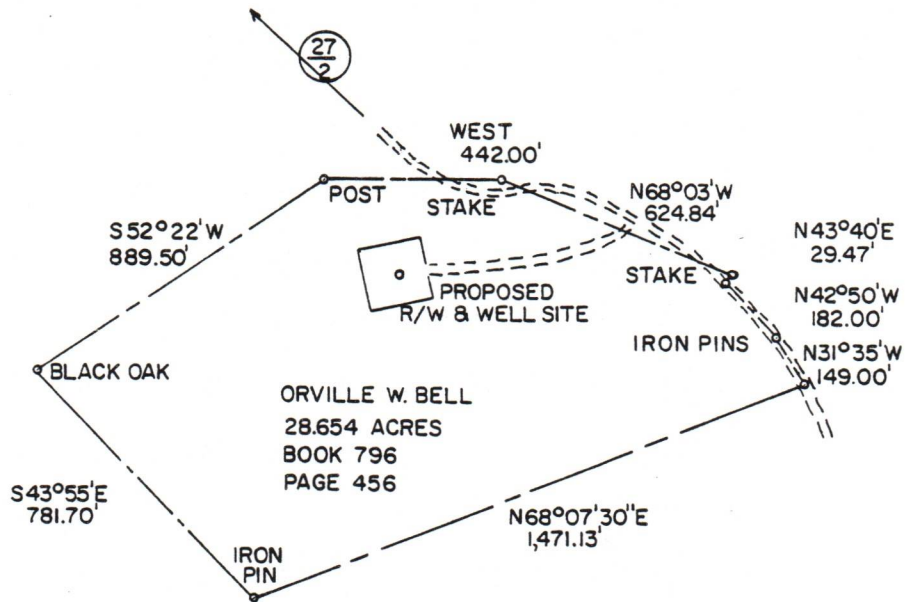


EXHIBIT A

EASTERN ASSOCIATED COAL CORP.  
PITTSBURGH, PA.

WELL EACC-FI-468  
PROPOSED RIGHT-OF-WAY ON  
ORVILLE W. BELL PROPERTY

SCALE 1"=500' DATE 8/15/82

FI-1-510

05/10/2024



Orville W. Bell  
Rt. 1  
Fairview, WV 26570

June 21, 1982

Eastern Associated Coal Corp.  
Northern Division Complex  
Rt. 1, Box 144  
Fairview, WV 26570

Dear Sir:

In accordance with the Right-of-Way agreement between Eastern and us dated June 16, 1982, we request that Eastern leave unreclaimed all of the access road constructed on our property to the extent that it is allowed under Federal, State, and Local law and does not extend or increase any of Eastern's obligations.

Sincerely,

Orville W. Bell  
Orville W. Bell

Josephine F. Bell  
Josephine F. Bell

State of W. Va Monongalia

I, James MAZURE Notary Public,

do hereby certify that Orville W. Bell & Josephine F. Bell  
personally appeared before me this day and acknowledged  
the due execution of the foregoing instrument. Witness

my hand and official seal, this 18th day

of June, 1982,  
My Commission Expires July 14, 1985

James Mazure Notary Public

Prepared by:

Eastern Associated Coal Corp.  
Northern Division Complex  
Rt. 1, Box 144  
Fairview, WV 26570

05/10/2024





**Eastern Coal**

Eastern Associated Coal Corp.  
Koppers Building  
Pittsburgh, Pennsylvania 15219  
Northern Division Complex  
Rt. 1, Box 144  
Fairview, WV 26570

June 18, 1982

Mr. Thomas E. Huzzey, Director  
WEST VIRGINIA DEPARTMENT OF MINES  
Oil and Gas Division  
Charleston, West Virginia 25305

3-8-83

Dear Mr. Huzzey:

Enclosed is material required by your office prior to plugging and mining through operations for the J. G. Conaway #1 well (EACC-F1-468) which penetrates the Federal No. 1 mine property located in Clay District, Monongalia County.

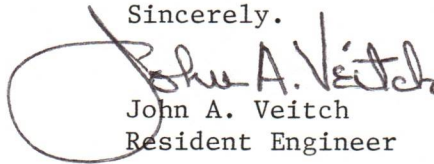
The following items are enclosed:

- 1). OG-1. Oil and Gas Permit Application. 5 copies.
- 2). OG-9. Notice of Intention to Plug and Abandon Well. 3 copies.
- 3). Form IV-9. Reclamation Plan signed by the SCD agent for the area.
- 4). Certified mylar original of the Well Location Plat.
- 5). Copy of the Right-of Way agreement between Eastern Associated Coal Corp. and Orville W. Bell.
- 6). Copy of letter and well record from Pennzoil stating they have no objection to the plugging of the well.

After plugging is complete, an OG-7 (Notice of Coal Operator to Extend Workings and Pillar Plan), and an OG-8 (Affidavit of Plugging) will be submitted to your office as required.

Should there be any questions, please feel free to contact me at (304) 449-1911, extension 250.

Sincerely.

  
John A. Veitch  
Resident Engineer

JAV/teb  
Enclosures

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XC:	R. J. Jarrett	(letter only)
	J. Hetrick, III	(letter only)
	File	(with enclosures)

JUN 24 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

05/10/2024



Rec'd  
6-23-82

No. 1

### SOUTH PENN OIL COMPANY—COMPLETION

SERIAL NO. \_\_\_\_\_ FARM C. B. Morgan. WELL NO. 5  
 ELEVATION \_\_\_\_\_ N. 4 S. \_\_\_\_\_ E. 15 W. \_\_\_\_\_  
 LEASE NO. \_\_\_\_\_ ACRES \_\_\_\_\_  
 WATERS OF Flaggy Meadow  
 DISTRICT Mannington. COUNTY Marion. STATE W. Va.  
 DRILLING COMMENCED 12/25/1895 COMPLETED 2/5/1896 DEPTH 1987

SANDS	TOP	BOTTOM	ELEV. TOP	CASING
PGH. COAL OR <del>STUMMIT</del>	520			10" 158
-Big Injun Oil	1880 1954	1987	6	8 1/4" 1090' 5 7/8" 1890'
PACKERS AND DEPTH SET				

INITIAL PROD. Light Show SAND Big Injun DEPTH 1954  
 GAS TEST \_\_\_\_\_ " \_\_\_\_\_ " \_\_\_\_\_  
 SHOT \_\_\_\_\_ QUARTS \_\_\_\_\_ " \_\_\_\_\_ " \_\_\_\_\_  
 REMARKS \_\_\_\_\_  
 REPORTED BY MANNINGTON DIST. 3/23/1896/  
 ABANDONED

No. 1

### SOUTH PENN OIL COMPANY—COMPLETION

WELL FI-46B  
1

SERIAL NO. \_\_\_\_\_ FARM Conaway J. G. WELL NO. 1  
 ELEVATION \_\_\_\_\_ N. 12 S. \_\_\_\_\_ E. 23 W. \_\_\_\_\_  
 LEASE NO. \_\_\_\_\_ ACRES 50  
 WATERS OF Branch of Bennifield  
 DISTRICT Clay COUNTY Monongalia STATE W. Va.  
 DRILLING COMMENCED 5/28/92. COMPLETED 8/18/93. DEPTH 2363'

SANDS	TOP	BOTTOM	ELEV. TOP	CASING
PGH. COAL OR BIG LIME	912'			10" 938'
Big Injun	2208'			8 1/4" 770'
1st. Pay-	2324'	very light		6 1/2" 1948'
2nd. Pay-none	-			5 3/16" 252'
PACKERS AND DEPTH SET				

INITIAL PROD. No record SAND Big Injun DEPTH 2324'  
 GAS TEST NO " \_\_\_\_\_ " \_\_\_\_\_  
 SHOT -- QUARTS \_\_\_\_\_ " \_\_\_\_\_ " \_\_\_\_\_  
 REMARKS " Not drilled through Big Injun "  
 REPORTED BY [Signature] ABANDONED No record.

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

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AUG 30 1982

**INSPECTOR'S PLUGGING REPORT** OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

Permit No. 061-0698-RED-Plug

Well No. W E-1-468

COMPANY Eastern Associated Coal Company ADDRESS Pittsburg, Pennsylvania  
FARM J.G. Conaway DISTRICT Clay COUNTY Monongalia

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
			Cleaned out to 1686'	
			Ran 2' tubing from surface to- 1650'	
			Pumped 12 sacks of gel in well	
			pumped 600' expanding cement plug from 1686' to 1086'	
			After discussing the large amount of gas present at this well, with M.S.H.A. Reps. Watson and Vanscoy I instructed <del>Eastern</del> Coal Company Rep. Dan Bainbridge to let this cement set overweekend so that we can tag Monday morning to determine the depth of plug and to check for gas before more cement is run. We felt this is necessary with this much gas	

Drillers' Names Jess Miller, Ray Smith

Remarks: Contractor, Chisler Brothers, Cable tools  
Cemented by Chisler,  
M.S.H.A. Reps, Randy ~~Watkins~~ Watkins, Bill Vanscoy

August 27, 1982 I hereby certify I visited the above well on this date.  
DATE

William J. Blosser #502  
*William Blosser* DISTRICT #11 05/10/2024

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WV DEPT OF MINES  
OIL AND GAS DIVISION

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

INSPECTOR'S WELL REPORT

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

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

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ 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 1/4			
	6 5/8			Depth set _____
	5 3/16			
	3			Perf. top _____
	2			Perf. bottom _____
	Liners Used _____			Perf. top _____ Perf. bottom _____
	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
	NAME OF SERVICE COMPANY _____			
	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

Remarks: \_\_\_\_\_

DATE \_\_\_\_\_

05/10/2024  
DISTRICT WELL INSPECTOR





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

INSPECTOR'S WELL REPORT

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

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

Company _____	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. _____	13			
District _____ County _____	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____

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: \_\_\_\_\_

RECEIVED  
MAY 10 1982  
OIL AND GAS DIVISION  
DEPARTMENT OF MINES

DATE \_\_\_\_\_

05/10/2024  
DISTRICT WELL INSPECTOR



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

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SEP 2 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES  
Well No. F-1-468

Permit No. 061-0698-RED-Plug

COMPANY Eastern Associated Coal Company ADDRESS Pittsburg, Pennsylvania

FARM J.G. Conaway DISTRICT Clay COUNTY Monongalia

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

Liner	Location	Amount	Packer	Location
	PLUGS USED AND DEPTH PLACED		BRIDGES	
	CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION
				RECOVERED
				SIZE
				LOST
	Cement tagged at 925'			
	Since gas and oil is present in bottom of this well I suggested to			
	operator to clean out cement back to 1055' and set mechanical plug			
	inside of old 8' casing and gel to surface, then proceed with orig.			
	cement job. I feel this is the only safe way to go due to the gas & oil			
	The cement plug did not set up and will not shut off the gas.			
	I discussed this with U.S.H.A. Rep. Bill Vanscoy before making the			
	decision.			

Drillers' Names Melvin Eddy, Jess Miller.

Remarks:  
Contractor, Chisler Brothers, Cable Tools.

August 31, 1982 I hereby certify I visited the above well on this date.

DATE

William J. Blosser #502

*William J. Blosser*  
DISTRICT WELL INSPECTOR  
05/10/2024

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

RECEIVED  
MAY 10 1924  
OIL AND GAS DIVISION  
DEPARTMENT OF MINES  
STATE OF WEST VIRGINIA

INSPECTOR'S WELL REPORT

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

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

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ 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 1/4			
	6 5/8			Depth set _____
	5 3/16			
	3			Perf. top _____
	2			Perf. bottom _____
	Liners Used			Perf. top _____
				Perf. bottom _____

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

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

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

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

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

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

Remarks: \_\_\_\_\_



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

RECEIVED

SEP - 7 1982

INSPECTOR'S PLUGGING REPORT

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

Permit No. 061-0698-RED-Plug

Well No. F-1-468

COMPANY Western Associated Coal Company ADDRESS Pittsburg, Pennsylvania

FARM J.G. Con away DISTRICT Clay COUNTY Monongalia

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
			Cement cleaned out back to 1063'				
			Mechanical Plug set at 1055'				
			Geled to surface				
			Checks will be made over the weekend for leakage				
			Bal cement will be run Tuesday morning.				

Drillers' Names Jess Miller, Melvin Eddy

Remarks: Gas test to be made by Charles Bush, M.S.H.A. inspector.  
Contractor, Chisler Brothers, Cable tools

September 3, 1982 I hereby certify I visited the above well on this date.  
DATE

William J. Blosser #502  
*William J. Blosser* DISTRICT #502 05/10/2024

OG-11 RECEIVED

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

OIL AND GAS DIVISION  
DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

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

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

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

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

Remarks: \_\_\_\_\_

DATE

05/10/2024  
DISTRICT WELL INSPECTOR



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

**RECEIVED**

SEP 13 1982

**INSPECTOR'S PLUGGING REPORT**

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

Permit No. 061-0698-ED-Plug

Well No. F-1-468

COMPANY Eastern Associated Coal Company ADDRESS Pittsburg, Pennsylvania

FARM J.G. Conaway DISTRICT Clay COUNTY Monongalia

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
			Mechanical Plug set at* in 8' casing at-- 1060'			
			Gas leak test was taken by Charles Bush M.S.H.A. Rep.			
			no gas present as tests before plug was set showed			
			Pulled 743' 8' casing, Lost 144.2' at 887'			
			4 1/2' casing set from surface to--1051-9'			
			Pumped 400 sacks of meduca cement and 200 sacks of Chem Chomp expanding cement in well. operator will tag this tomorrow morning and add what is needed to come back to surface.			
			All work supervised and approved by this inspector.			

Drillers' Names Dave Chisler, Fred Chisler, Melvin Eddy

Remarks: M.S.H.A. inspector, Charles Bush  
Contractor, Chisler Brothers cable tools  
Cemented by Chisler Brothers,  
  
Started to cement at 1130 a.m ,due to brakedowns plug set at 8 P.M

September 9, 1982 I hereby certify I visited the above well on this date.  
DATE

William J. Blosser #502  
*William Blosser* DISTRICT WELL INSPECTOR

05/10/2024

William J. Blosser #502  
*William Blosser* DISTRICT WELL INSPECTOR

DATE

RECEIVED

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

SEP 1 1985

OFFICE OF OIL AND GAS DIVISION  
DEPARTMENT OF MINES

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

INSPECTOR'S WELL REPORT

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

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

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ 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			Size of _____
	13			
	10			Depth set _____
	8 1/4			
	6 5/8			Perf. top _____ Perf. bottom _____
	5 3/16			
	3			Perf. top _____ Perf. bottom _____
	2			
	Liners Used			
	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: \_\_\_\_\_

05/10/2024

DATE

DISTRICT WELL INSPECTOR





RECEIVED

JUN 24 1982

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

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

Eastern Associated Coal Corp.

Coal Operator

Eastern Associated Coal Corp.

Name of Well Operator

Northern Division Complex, Rt. 1, Box 144  
Fairview, WV 26570

Address

Northern Division Complex, Rt. 1, Box 144  
Fairview, WV 26570

Complete Address

See attached sheet

Coal Owner

June 18, 1982

Date

WELL TO BE ABANDONED

Address

Clay District

Orville W. Bell

Lease or Property Owner

Monongalia County

Daybrook Road  
Fairview, WV 26570

Address

Well No. J. G. Conaway (EACC-F1-468)

J. G. Conaway, 50 Acre Farm

Inspector William Blosser

Telephone 363-9105

TO BE NOTIFIED 24 HOURS IN ADVANCE OF PLUGGING OPERATIONS

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

John A. Veitch  
Resident Engineer Well Operator

NOTE: Upon the abandonment of any well drilled prior to June 1, 1929, a plat prepared by a registered engineer, shall be filed with THREE COPIES OF APPLICATION, (OG-9) AND "WORK ORDER" AND TWO COPIES OF THE WELL RECORD, (OG-10). The map must show the district and county in which the tract of land is located, the name and acreage of same, the name or names of the owners and names of adjacent tracts and the location of the well to be abandoned, determined by survey with the courses and distances of such well from two permanent points or landmarks on said tract, in compliance with Rule 5 of the Rules and Regulations.

NOTE: In case plugging is not commenced within four months from the date of permit, same shall expire and be of no further force or effect.

NOTE: PERMIT IS NON TRANSFERABLE.

BLANKET BOND

47-061-0698-RED-P

Permit Number

AFFIDAVIT, FORM OG-8, MANNER WELL PLUGGED MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL

file



RECEIVED

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WORK ORDER

Well to be plugged and filled as follows:

- 1.) Cut out well to total depth if practicle, or to a minimum of 300 feet below the Pittsburgh coal seam.
- 2.) Run well logs and directional surveys.
- 3.) Collars of any remaining old casing will be ripped at the coal seam.
- 4.) Fill well bore with fluid such that an overbalanced condition exists. By tubing, using the "BALANCED - PLUG METHOD", set an expanding cement plug between 100 and 300 feet below the Pittsburgh seam. A 4½ inch O.D. (or larger) vent pipe will be installed from the surface to 100 feet below the Pittsburgh seam and cemented to the surface and the expanding cement plug will extend 20 feet into the vent pipe.
- 5.) After expanding cement has hardened, it will be tagged, and the well bore annulus will be filled with cement, by tubing, to the surface.
- 6.) Vent pipe will be evacuated of fluid and a suitable vent installed on the surface with necessary well identification plate attaced.

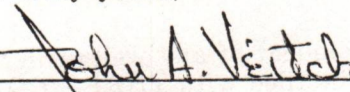
To the Department of Mines  
Coal Owner or Operator,  
Lease or Property Owner.

IF PARTIAL PLUGGING  
PLEASE SUBMIT REVISED WELL RECORD  
WHEN WORK IS COMPLETED.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,

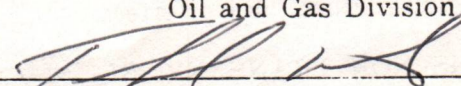
  
Resident Engineer Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

05/10/2024

8th day of JULY, 1982.

DEPARTMENT OF MINES  
Oil and Gas Division

By: 

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.









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

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
July 26, 1984

RECEIVED  
NOV 12, 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Old Well -RED-7-08-8  
Plugging Permit-7-08

COMPANY Eastern Associated Coal Corp.

PERMIT NO 061-0698-R-P

Route 1, Box 144

FARM & WELL NO J. G. Conaway #EACC-F1-468

Fairview, West Virginia 26570

DIST. & COUNTY Clay/Monongalia

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to Starting Work	_____	_____
16.01	Required Permits at Wellsite	_____	_____
17.02	Method of Plugging	_____	_____
18.01	Materials used in Plugging	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	✓	_____
23.04	Reclaimed Drilling Pits	✓	_____
23.05	No Surface or Underground Pollution	✓	_____
17.06	Statutory Affidavit	_____	_____
7.06	Parties Responsible	_____	_____
7.05	Identification Markings	✓	_____

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED *David R. Ellis*

DATE 11-5-85

Your Affidavit of Plugging was received and reclamation requirements approved. The well designated by the above permit number has been released under your bond.

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

November 20, 1985  
DATE





601 GRAND CENTRAL AVENUE • VIENNA, W. VA. 26105 • PHONE (304) 422-6565

Mailing Address: P.O. Drawer 1588, Parkersburg, West Virginia 26101

June 21, 1982

John A. Veitch, Resident Engineer  
Northern Division Complex  
Route 1, Box 144  
Fairview, WV 26570

RE: Pennzoil Lease No. 366-50  
J. G. Conaway No. 1  
Clay District, Monongalia County  
West Virginia

Dear Mr. Veitch:

In reference to your letter of June 15, 1982 addressed to Mr. Curt Lucas, this is to advise that Pennzoil has previously plugged and abandoned the J. G. Conaway No. 1 well, EACC No. F1-468, located on the captioned lease. Pursuant to your request Pennzoil has no objection to Eastern Coal re-entering and replugging the J. G. Conaway No. 1 well prior to mining through same. At this time Pennzoil cannot grant your request for the J. G. Conaway No. 3 well and M. A. Ammons No. 2 well.

Eastern Coal's re-entering and replugging operations will be at Eastern Coal's sole cost, risk and expense. Also, Eastern Coal will indemnify Pennzoil against all claims and damages, including deaths, resulting from Eastern Coal's operations on Pennzoil's lease.

Sincerely,

C. W. Benson  
Division Landman

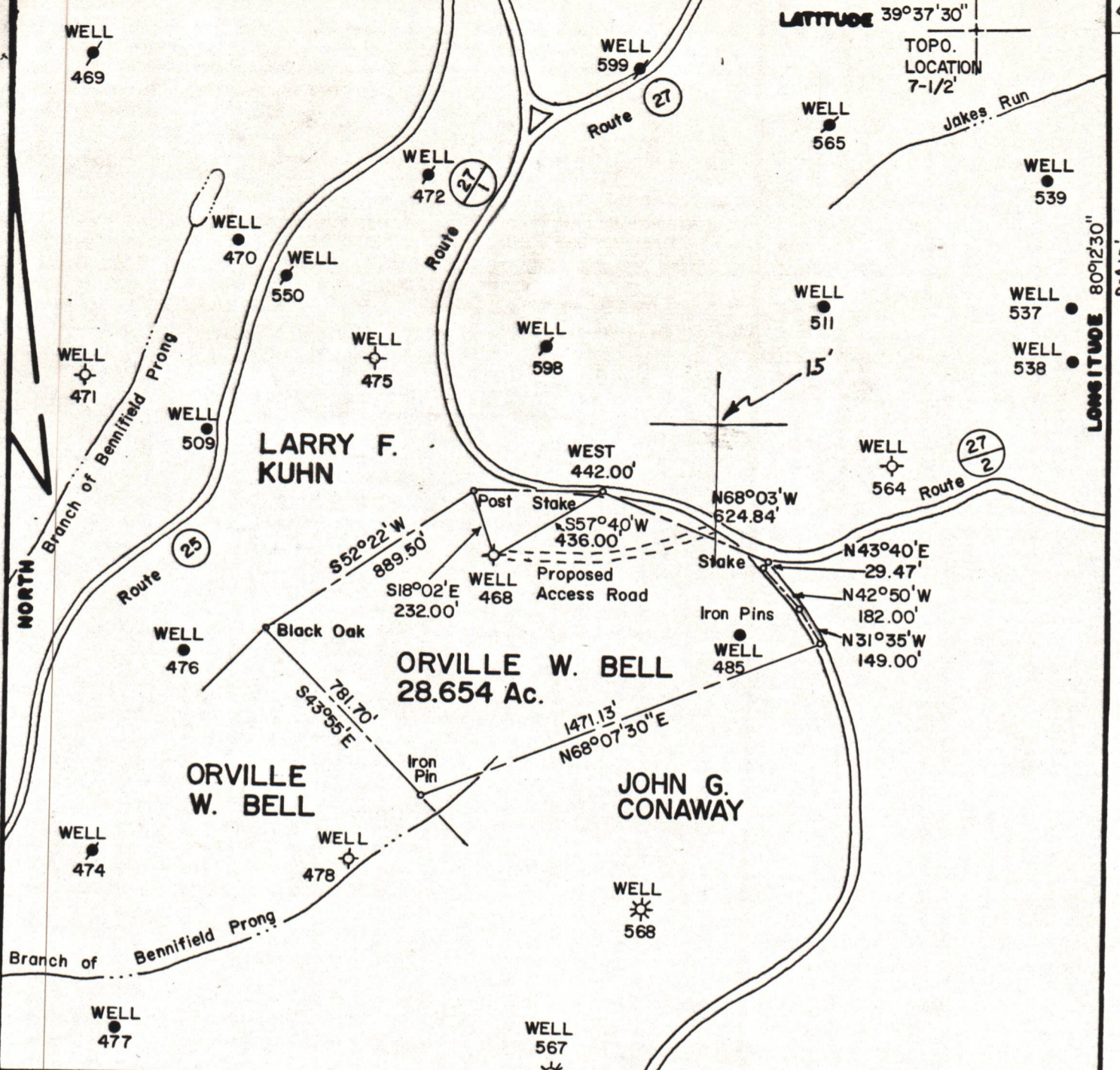
kae

05/10/2024



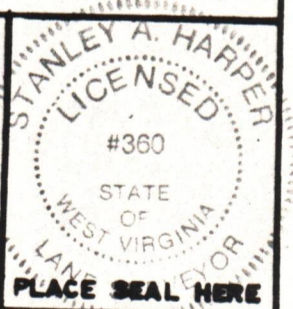
m.s. 6/29/82

39°40' 1800'



FILE NO. FI-EG-386  
 DRAWING NO. FI-1-510A  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/2500  
 PROVEN SOURCE OF ELEVATION USGS BM 112 RHP1957

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) Stanley A. Harper  
 R.P.E. \_\_\_\_\_ L.L.S. 360



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



DATE JUNE 17, 19 82  
 OPERATOR'S WELL NO FI-468  
 API WELL NO. 47-061-0698-Red-P  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL  GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 ( IF "GAS", PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_ )  
 LOCATION: ELEVATION 1483.84' WATER SHED BRANCH OF BENNIFIELD  
 DISTRICT CLAY COUNTY MONONGALIA  
 QUADRANGLE GRANT TOWN, 7-1/2'  
 SURFACE OWNER ORVILLE W. BELL ACREAGE 28.654  
 OIL & GAS ROYALTY OWNER \_\_\_\_\_ LEASE NO. \_\_\_\_\_ LEASE ACREAGE 05/10/2024  
 PROPOSED WORK: DRILL \_\_\_\_\_ CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL  FRACTURE OR STIMULATE \_\_\_\_\_ PLUS OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2363'  
 WELL OPERATOR Eastern Associated Coal Corp. DESIGNATED AGENT JOHN A. VEITCH  
 ADDRESS Northern Division Complex, Rt. 1, Box 144 ADDRESS SAME  
Fairview, WV 26570





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

INSPECTOR'S WELL REPORT

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

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

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ 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			Size of _____
	10			
	8 1/4			Depth set _____
	6 5/8			
	5 3/16			Perf. top _____
	3			Perf. bottom _____
	2			Perf. top _____
	Liners Used _____			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: \_\_\_\_\_