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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

MAR 19 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 March 5, 1982

Surface Owner Shuman Heirs (c/o Robert L. Shuman) Company Eastern Associated Coal Corp.
 Address 529 High St., Morgantown, WV 26505 Address Rt. 1, Fairview, WV 26570
 Mineral Owner Wheeling Dollar Savings & Trust Farm Phillip Shuman Acres 52
 Address 1315 Market St., Wheeling, WV 26003 Location (waters) Miracle Run
 Coal Owner Wheeling Dollar Savings & Trust Well No. F2-74 Elevation 1335.00
 Address 1315 Market St., Wheeling, WV 26003 District Battelle County Monongalia
 Coal Operator Eastern Associated Coal Corp. Quadrangle Blacksville 7 1/2'
 Address Rt. 1, 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 11-29-82

BY [Signature]

TO BE NOTIFIED William Blosser

ADDRESS Colfax, WV

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 XXX REDRILL _____FRACTURE OR STIMULATE _____XXX 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 TEB
Well Operator

Eastern Associated Coal Corp.

Fed. No. 2 Mine, Rt. 1

Street

Address of Well Operator

Fairview

City or Town

West Virginia 26570

State

*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

47-061-0688-RED.

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by _____

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

PROPOSED WORK ORDER TO XXX Re-DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Chisler Brothers _____ NAME Eastern Associated Coal Corp. _____
 ADDRESS Pentress, WV _____ ADDRESS Fed. No. 2 Mine, Rt. 1, Fairview, WV _____
 TELEPHONE 304-879-5511 _____ TELEPHONE 304-449-1911 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2305 _____ ROTARY _____ CABLE TOOLS XXX _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun _____
 TYPE OF WELL: OIL XXX _____ GAS _____ COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	(see att. ^{pluggings} report)		
7			
5 1/2			
4 1/2		+1000'	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET _____ SALT WATER _____ FEET _____

APPROXIMATE COAL DEPTHS Pittsburgh Seam, 1000' _____

IS COAL BEING MINED IN THE AREA? Yes _____ BY WHOM? EACC- Fed. No. 2 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. 05/10/2024

John A. Veitch TEB
For Coal Company

Resident Engineer
Official Title

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name Eastern Assoc. Coal Corp. Designated Agent John A. Veitch
Address Rt.1, Fairview, WV 26570 Address Same
Telephone (304) 449-1911 Telephone Same
Landowner Phillip Shuman 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. 3/5/82 Ron Helms
(Date) (SCD Agent)

Sediment Control Specialist

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 & 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 & 1:22</u>
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary.

Revegetation

<u>Treatment Area I</u>		<u>Treatment Area II</u>	
Lime <u>2.0</u> Tons/acre	or correct to pH <u>6.5</u>	Lime <u>2.0</u> Tons/Acre	or correct to pH <u>6.5</u>
Fertilizer <u>1000</u> lbs/acre	(10-20-20 or equivalent)	Fertilizer <u>1000</u> lbs/acre	(10-20-20 or equivalent)
Mulch <u>Hay</u> <u>2.0</u> Tons/Acre		Mulch <u>Hay</u> <u>2.0</u> Tons/Acre	
Seed* <u>Redtop</u> <u>4.8</u> lbs/acre		Seed* <u>Redtop</u> <u>4.8</u> lbs/acre	
<u>Ky. 31 Tall Fescue</u> <u>15.2</u> lbs/acre		<u>Ky 31 Tall Fescue</u> lbs/acre	
<u>Creeping Red Fescue</u> <u>20.0</u> lbs/acre		<u>Creeping Red Fescue</u> lbs/acre	<u>20.0</u>
<u>Rye Grass</u> <u>15.0</u> lbs/acre		<u>Rye Grass</u> <u>15.0</u> lbs/acre	

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

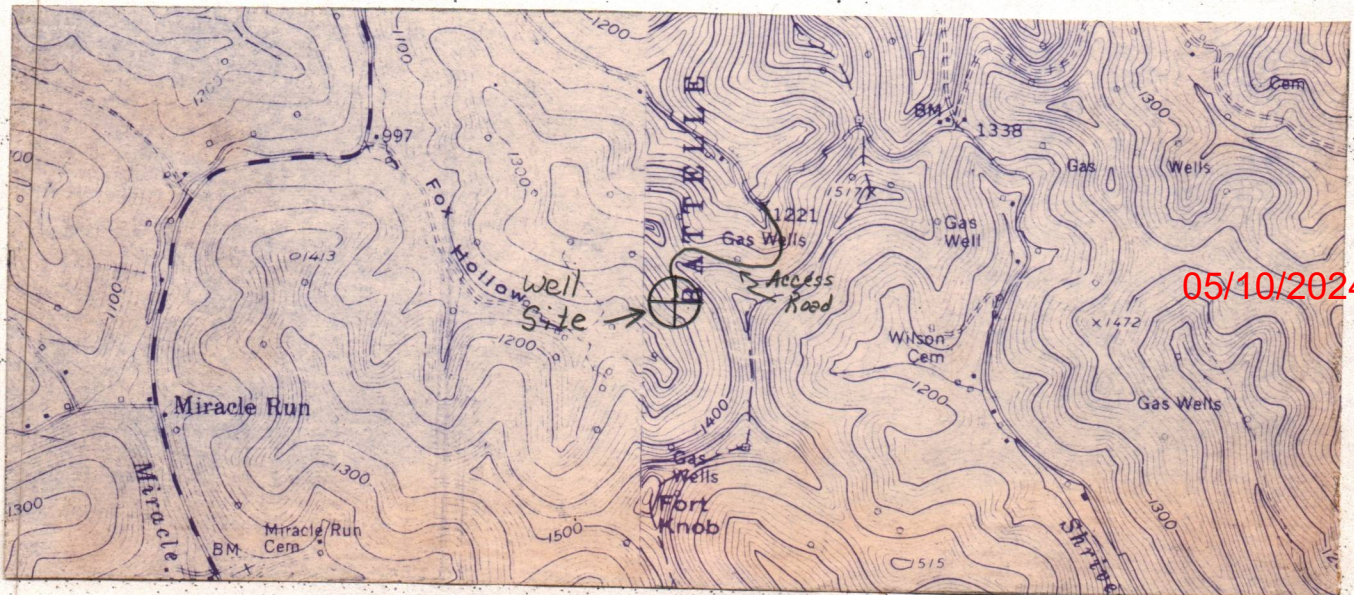
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OIL AND GAS DIVISION
DEPARTMENT OF MINES

Attach or photocopy section of involved Topographic map. Quadrangle 74 Blacksville

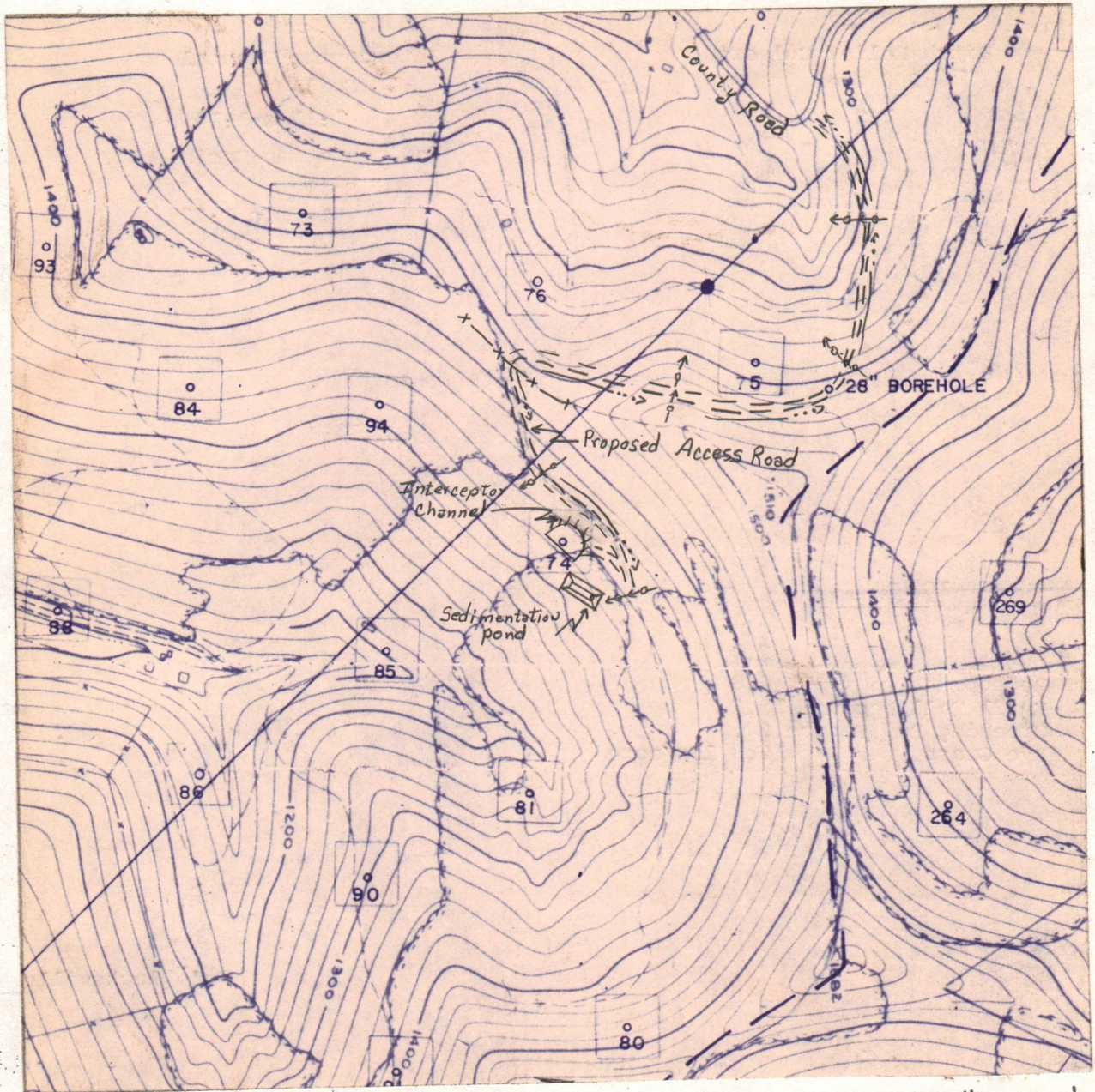
Legend:  Well Site
 Access Road



Well Site Plan

- | | | | |
|--------------------------|--|------------|--|
| Legend: Property Boundry | | Diversion | |
| Road | | Spring | |
| Existing Fence | | Wet Spot | |
| Planned Fence | | Building | |
| Stream | | Drain Pipe | |
| Open Ditch | | 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.



SCALE 1" = 500'

Comments: _____

Signature: _____

Agent

Address

Phone Number

05/10/2024

Please request landowners cooperation to protect new seeding for one growing season.

2/26/82

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MAR 11 1982

MAR 19 1982

THIS AGREEMENT, Made this 17th day of March,
OIL AND GAS DIVISION
 DEPARTMENT OF MINES
 1982, by and between CHESTER A. SHUMAN and ELEANOR W. SHUMAN,
 his wife, BETTY JANE HARWORTH and ROY HARWORTH, her husband,
 and ROBERT L. SHUMAN and ELIZABETH L. SHUMAN, his wife
 (hereinafter "Owners"), and EASTERN ASSOCIATED COAL CORP.,
 a West Virginia corporation (hereinafter "Eastern");

Whereas, Owners hold title to two tracts of surface land
 located in Battelle District, Monongalia County, West Virginia,
 one which adjoins West Virginia Route No. 21 and contains
 59.6 acres, more or less, and a second which adjoins the
 first and contains 51.75 acres, more or less; and

WHEREAS, Eastern desires to acquire the necessary rights
 to go onto Owners' two tracts in order to plug Well No. F2-74
 and Well No. F2-81 on said 51.75 acre tract and Owners
 are willing to grant said rights subject to the terms and
 conditions set forth below.

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 Fifteen Thousand
 Dollars (\$15,000.00) as consideration for all of the various
 rights granted hereunder by Owners, and Owners hereby acknowledge
 the receipt and sufficiency thereof. It is agreed and understood
 between Eastern and Owners that said consideration is the
 only payment which shall be made by Eastern to Owners hereunder.

05/10/2024

2. Owners hereby grant Eastern the following rights over Owners' two tracts which are convenient or necessary for plugging Well No. F2-74 and Well No. F2-81.

- A. The right of ingress, egress and regress for men and equipment over and upon Owners' two tracts from West Virginia Route 21 by an access road across Owners' 59.6 acre tract, following the presently existing road to the 100' square surface tract Eastern already owns, then continuing across said 59.6 acre tract and across Owners' 51.75 acre tract to the sites of Well No. F2-74 and F2-81, all as shown on "Exhibit A," which is attached hereto and made a part hereof. The access roads to be constructed hereunder shall consist of a six (6) inch thick layer of three (3) inch diameter pieces of limestone rock. After plugging of both wells is completed, a layer of limestone rocks with a diameter of less than three (3) inches shall be placed over the six (6) inch layer. In addition, all drainage ditches and culverts shall be soundly engineered in order to avoid erosion.
- B. The right to use such surface land at the well sites as is necessary and convenient for plugging Well No. F2-74 and Well No. F2-81.
- C. The right to construct, rework and regrade the road and the well sites, as required, but all in compliance with the terms and conditions hereof.

- D. It is understood and agreed by Owners that Eastern shall have the right to cut all timber on the access roads and the well plugging sites. After cutting, Eastern shall cut said timber into eighteen (18) inch lengths and stack it at the old Shuman farmhouse.
- E. Whenever Eastern crosses any fence in the exercise of its rights hereunder, Eastern shall immediately install a gate at the time the fence is first cut into. Eastern shall supply locks for all such gates and provide Owners with one key for each of said locks.
- F. Owners hereby acknowledge that they have examined the area to be affected with a representative of Eastern who explained what work would take place, how the area would be reclaimed, and the general effect which could be expected to result to the surface land.

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 has been or shall be agreed to between Eastern and Owners, except that, to the extent that it is allowable under federal, state and local law and does not extend or increase any of Eastern's

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obligations, Eastern shall leave unreclaimed all of the access roads constructed hereunder. The right of way for the access roads will be no more than 100' wide and the well plugging sites will be no more than 400' square. Eastern's representatives will monitor all activities hereunder to insure that all work is confined within the designated areas. Upon completion of Eastern's activities hereunder, including all requisite reclamation, the condition of the access roads shall be reviewed jointly by representatives of Owners and Eastern. Any disagreement with regard to said roads shall be finally decided by arbitration held in Morgantown, West Virginia in accordance with the rules of the American Arbitration Association, which shall appoint one arbitrator. The decision of that arbitrator shall be final and binding upon the parties hereto.

4. The rights granted herein shall continue for so long as required for plugging Well No. F2-74 and Well No. F2-81 and completing reclamation.

5. As additional consideration along with that set forth in Paragraph 1 above, Eastern agrees that if at any time in the future Owners or any assignee of Owners desires to drill oil or gas wells on Owners' 51.75 acre, more or less, tract, Eastern will not object to the location of said wells if they do not endanger Eastern's mine or miners, and do not interfere with Eastern's mining of the Pittsburgh seam coal.

6. This Agreement shall be interpreted and governed by the laws of the State of West Virginia.

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

Chester A. Shuman
Chester A. Shuman

Eleanor W. Shuman
Eleanor W. Shuman

Betty Jane Harworth
Betty Jane Harworth

Roy Harworth
Roy Harworth

Robert L. Shuman
Robert L. Shuman

Elizabeth L. Shuman
Elizabeth L. Shuman

EASTERN ASSOCIATED COAL CORP.

ATTEST:

D. L. Cambridge

By Rodney J. Smith 3/18
Vice President

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

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STATE OF WEST VIRGINIA

COUNTY OF Monongalia, To-Wit:

I, Peta Dawn Sorridenko, a Notary Public in and for the County and State aforesaid, do certify that Chester A. Shuman and Eleanor W. Shuman, his wife, Betty Jane Harworth and Roy Harworth, her husband, Robert L. Shuman and Elizabeth L. Shuman, his wife, whose names are signed to the writing hereto annexed, bearing date on the 17 day of March, 1982, have this day acknowledged the same before me in my said County.

Given under my hand and notarial seal this 17 day of March, 1982.

Peta Dawn Sorridenko
Notary Public

My commission expires: August 28, 1985

~~STATE OF WEST VIRGINIA~~
~~COMMONWEALTH OF PENNSYLVANIA~~)
MARION) SS:
~~COUNTY OF ALLEGHENY~~)

I, Jo Ann Hunter a Notary Public in and for the State and County aforesaid, do certify that Rodney J. Jarrett Vice President, who signed the hereto annexed writing bearing date on the 18 day of March, 1982, for Eastern Associated Coal Corp., a West Virginia corporation, has this day, in my said County, before me, acknowledged the said writing to be the act and deed of said corporation.

Given under my hand and notarial seal this 18 day of March, 1982.

Jo Ann Hunter
Notary Public



My commission expires: October 14, 1990

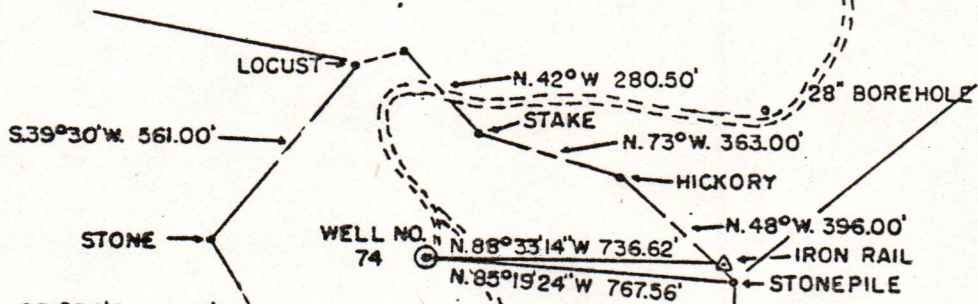
05/10/2024

LATITUDE 39° 42' 30"

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Mon-688

PHILLIP SHUMAN

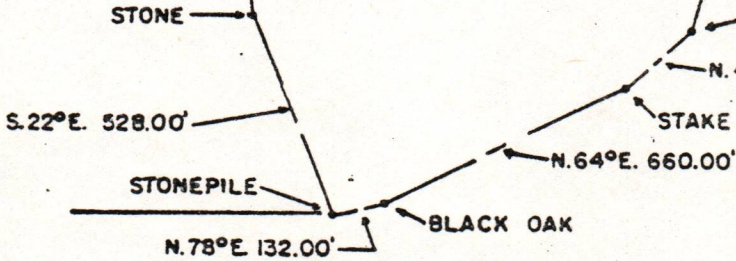
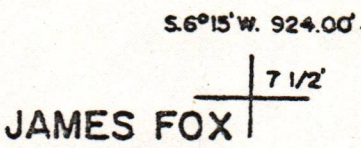
RIGHT OF WAY



DEED BOOK 318
PAGE 21
51.75 ACRES
PHILLIP SHUMAN

WELL NO.
81

J.C. WILSON



L. WILSON

LONGITUDE 80°12'30"

NORTH

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CARNEGIE NATURAL  COMPANY 3904 Main Street, Munhall, Pa. 15120

Phone 462-7121

October 12, 1981

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MAR 19 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Gary Harsog
Eastern Associated Coal Corp.
Bellview Boulevard
Box 488
Fairmont, W.Va. 26554

Re: Lease #5891
Wells #409, 448 & 462.

Dear Sir:

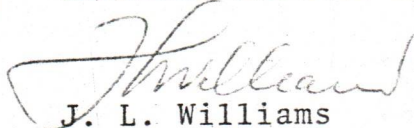
Under date of May 8, 1907, this company secured the above Oil & Gas Lease on 52 acres from Phillip & Nancy A. Shuman on land situate in Battelle District, Monongalia County, West Virginia.

The above listed wells have all been abandoned and this company no longer holds any interest in the above lease.

This company offers no objection to the re-plugging of these wells.

Very truly yours,

CARNEGIE NATURAL GAS COMPANY


J. L. Williams
Land Agent

JLW:jb





STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Blacksville 7 1/2'

Permit No. 061-0688

WELL RECORD
WELL TO BE ABANDONED

Oil or Gas Well GAS
(KIND)

Company Carnegie Natural Gas Company
Address 3904 Main Street, Munhall, Pa.
Farm Phillip Shuman Acres 52
Location (waters) _____
Well No. 1-409 Elev. 1355
District Battelle County Monongalia
The surface of tract is owned in fee by _____
See Reverse Side Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 7-22-13 - D.D. 10-27-25
Drilling completed 10-27-13 - D.D. 12-17-25
Date Shot _____ From 2387 To 2397
With 20 qts.
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 268,000 Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	1372	1012	Size of
8 1/4	1909	1909	
6 5/8	2060	2060	Depth set
5 3/16	2240	2240	
3			Perf. top
2	3500	3500	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

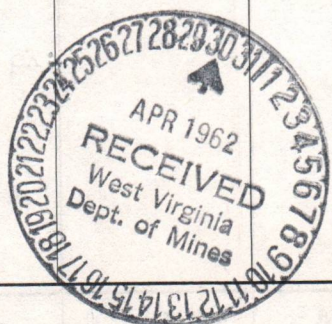
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 900 FEET _____ INCHES
1000 FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water 1920 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Mapleton Coal			900	908			
Pittsburgh Coal			1000	1008			
Little Dunkard			1350	1374			
Big Dunkard			1495	1560			
Gas Sand			1740	1790			
First Salt Sand			1810	1845			
Second Salt Sand			1945	2012	Water	1920	
Little Lime			2198	2213			
Pencil Cave			2213	2218			
Big Lime			2218	2271	Oil	2387-2398	
Big Injun			2271				
Total Depth 10-27-13			2414				
Big Injun				2483			
Gantz Sand			2773	2795			
Fifty Foot			2835	2890			
Thirty Foot			2908	2985			
Gordon Stray			3180	3210			
Gordon Sand			3232	3260	Gas	3245-3247	
Fourth Sand			3273	3293			
Bayard Sand			3450	3461	Gas	3452-3455	
Total Depth 12-17-25			3500				



05/10/2024

**DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION**

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 3/8			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 _____
Back pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
_____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
_____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
_____ feet _____ feet	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES
_____ feet _____ feet	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES

Drillers' Names _____

Remarks: _____

DATE

05/10/2024

DISTRICT WELL INSPECTOR

**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			
	16			Kind of Packer _____
	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

RECEIVED

MAY 13 1982

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

Permit No. 061-0688- Red & Plug

Well No. F-2-74

COMPANY Eastern Associated Coal Company ADDRESS Pittsburg, Pennsylvania

FARM Phillip Shuman DISTRICT Battelle 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
			Pulled 1341' 2" tubing	
			Cleaned out to 1416' on iron	
			I met with Denny Bainbridge, Rep for Eastern and Charles Bush M.S.H.A. Rep	
			and jointly approved cementing from this depth.	
			Preparing to log.	

Drillers' Names Jess Miller, Ray Smith, Micky Dunlap

Remarks:

Contractor, Chisler Brothers Cable tools.

May 11, 1982
DATE

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

William J. Blosser
 05/10/2024
William J. Blosser

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. Block pressure _____ lbs. _____ hrs. _____ 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 _____			Depth set _____
	10 _____			Perf. top _____
	8 1/4 _____			Perf. bottom _____
	6 5/8 _____			Perf. top _____
	5 3/16 _____			Perf. bottom _____
	3 _____			
	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
	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES	_____ FEET _____ INCHES

Drillers' Names _____

Remarks: _____

05/10/2024

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

RECEIVED

MAY 14 1982

OIL AND GAS DIVISION
 WV DEPARTMENT OF MINES

INSPECTOR'S PLUGGING REPORT

Permit No. 061-0688 Red & Plug

Well No. F-2-74

COMPANY Eastern Associated Coal Company ADDRESS Pittsburg, Pennsylvania

FARM Phillip Shuman DISTRICT Battelle 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 1437'			
	Ran 1437' 2" tubing to spot bottom plug			
	Geled from 1437 to 1300'			
	Chem con cement from 1300 to 1100'			
	Pulled 2" tubing now running 4 1/2" casing			
	Will bal cement tomorrow (Thursday)			
	This inspector not present during bottom cement plug setting due to cement job on Consolidation Coal Co well.			

Drillers' Names _____

Remarks:

M.S.H.W inspector, Charles Bush.
 Eastern ASSO. Coal Co Rep. Danny Bainbridge
 Cemented by Chisler Brothers.
 Contractor, Chisler Brothers Cable tools

May 12, 1982

DATE

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

William J. Blosser

William Blosser

05/10/2024

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

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.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	NAME OF SERVICE COMPANY _____			
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: _____

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

RECEIVED

INSPECTOR'S PLUGGING REPORT MAY 17 1982

Permit No. 061-0688 RED & Plug

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES
Well No. F-2-74

COMPANY Eastern Associated Coal Company ADDRESS Pittsburg, Pennsylvania

FARM Phillip Shuman DISTRICT Battelle COUNTY Monongalia

Filling Material Used expanding Chem con cement and portland cement

Liner	Location	Amount	Packer	Location
PLUGS USED AND DEPTH PLACED		BRIDGES		CASING AND TUBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED SIZE LOST
			T.D. 1437'	10' casing left in
	Ran 1437' 2" tubing to spot bottom plugs			well, Perferated
	Pumped 4 sacks gel from 1437 to 1308'			11 holes through COX
	Expanding cement plug from	1308 to 1059'		coal
	Pulled all 2" tubing			
	Ran 4 1/2" casing to	1059'		
	Portland cement from	1059' to 243'		
	Cement set overnight and tagged at	243'		
	Portland cement from	243' to surface	Total cement-	895 sacks
	Plugging completed. <i>(Partially)</i> Supervised and approved by this inspector			

Drillers' Names Jess Miller, Ray Smith, Micky Dunlap

Remarks:
Contractor, Chisler Brothers, Cable tools
M.S.H.A. Inspector, Charles Bush
Eastern Associated Coal Co Rep. Danny Bainbridge
Cemented by Chisler Brothers, Dave Chisler

May 13, 1982
DATE

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

William J. Blosser #502

William Blosser

05/10/2024

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 _____ 16 _____ 13 _____ 10 _____ 8 1/4 _____ 6 5/8 _____ 5 3/16 _____ 3 _____ 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	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: _____

RECEIVED



MAR 19 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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

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
Fed. No. 2 Mine, Rt. 1
Fairview, WV 26570
Address

Eastern Associated Coal Corp.
Name of Well Operator
Fed. No. 2 Mine
Fairview, WV 26570
Complete Address

Wheeling Dollar Savings & Trust
Coal Owner
1315 Market St.
Wheeling, WV 26003
Address

March 5, 1982
Date

WELL TO BE ABANDONED

Battelle District

Monongalia County

Shuman Heirs (c/o Robert L. Shuman)
Lease or Property Owner
529 High St., Morgantown, WV 26505
Address

Well No. F2-74

Phillip Shuman 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 TEB
Resident Engineer Well Operator

NOTE: Upon the abandonment of any well drilled prior to June 1, 1920, 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). 05/10/2024 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

061-0688-Red-P

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 T.D. if practicle, or to a minimum of 300 feet below the Pittsburgh coal seam.

2. Run well logs and directional surveys.

2A Rip any existing collars on all pipe left in hole

3. 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 4 1/2 inch O.D. (or larger) vent pipe will be installed from the surface to 100 feet below the Pittsburgh seam, ^{cemented to surface} and expanding cement plug will extend 20 feet into vent pipe.

4. After expanding cement has hardened, it will be tagged, and the well bore annulus will be filled with cement, by tubing, to the surface.

5. Vent pipe will be evacuated of fluid and a suitable vent installed on the surface with necessary well identification plate attached.

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,

John A. Veitch ^{TEB}
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

29th day of March, 1982

DEPARTMENT OF ^{05/10/2024}
Oil and Gas Division

By: [Signature]

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.

RECEIVED

FORM OG-8

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

FEB 9 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

Eastern Associated Coal Corp.
COAL OPERATOR OR OWNER
Rt. 1
Fairview, WV 26570
ADDRESS

Eastern Associated Coal Corp.
NAME OF WELL OPERATOR
Rt. 1
Fairview, WV 26570
COMPLETE ADDRESS

Wheeling Dollar Savings & Trust
COAL OPERATOR OR OWNER
1315 Market St.
Wheeling, WV 26003
ADDRESS

May 20, 1982
WELL AND LOCATION
Battelle District

Shuman Heirs (c/o Robert L. Shuman)
LEASE OR PROPERTY OWNER
529 High St.
Morgantown, WV 26505
ADDRESS

Monongalia County
Well No. F2-74
Phillip Shuman Farm

STATE INSPECTOR SUPERVISING PLUGGING.....William Blosser

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Monongalia } ss:

Jesse Miller and Ray Smith
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Chisler Brothers, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 13th day of April, 1982, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
1. Cleaned out well	#F2-74 to a depth of 1405 feet.			
2. Ripped 10" casing	at the Pittsburgh coal seam.			
3. Ran 2-3/8" tubing	to 1437 feet, pumped in 4 bags of gel. Pulled 2-3/8" tubing to 1317 feet, pumped 100 bags Chem-comp cement.			
4. Ran 4 1/2" casing	to 1060 feet, pumped 1 bag gel, 300 bags of portland cement, and 200 bags of Chem-comp cement. Pumped 4" wiper plug down to 1055 feet.		set 4 1/2" casing, total of 1060 feet starting at the surface.	
5. Ran 2-3/8" tubing	down outside of 4 1/2" casing, tagged top of cement at 243 feet, pumped portland cement to the surface.			
(NAME)		DESCRIPTION OF MONUMENT		
(NAME)		4 1/2" x 2" swedge with 2" stop at surface, 2" pipe with metal plate monument welded to 2" pipe		
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 13th day of May, 1982.

And further deponents saith not.

Sworn to and subscribed before me this 24th day of May, 1982.

My commission expires:

July 14, 1985

Ray Smith
Jesse Miller
James Moore
Notary Public
061-0688-RED-P
Permit No. 05/10/2024

MONONGALIA 0688 RED-P

05/10/2024



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

July 26, 1984

Old Well-RED-3-29-82
Plugging Permit-3-29-82

COMPANY Eastern Associated Coal Corp.

PERMIT NO 061-0688-RED-P

Route 1, Box 144

FARM & WELL NO Phillip Shuman #F2-74

Fairview, West Virginia 26570

DIST. & COUNTY Battelle/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 *Dwight 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. L. ...
Administrator-Oil & Gas Division

November 20, 1985
DATE

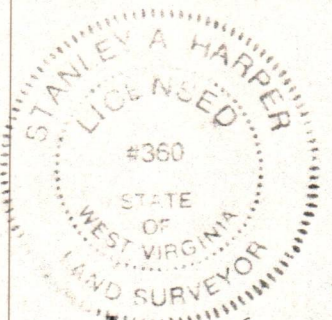
3-29-82

11400'

LATITUDE 39° 42' 30"
39° 45'

LONGITUDE 80° 10'
80° 12' 30"

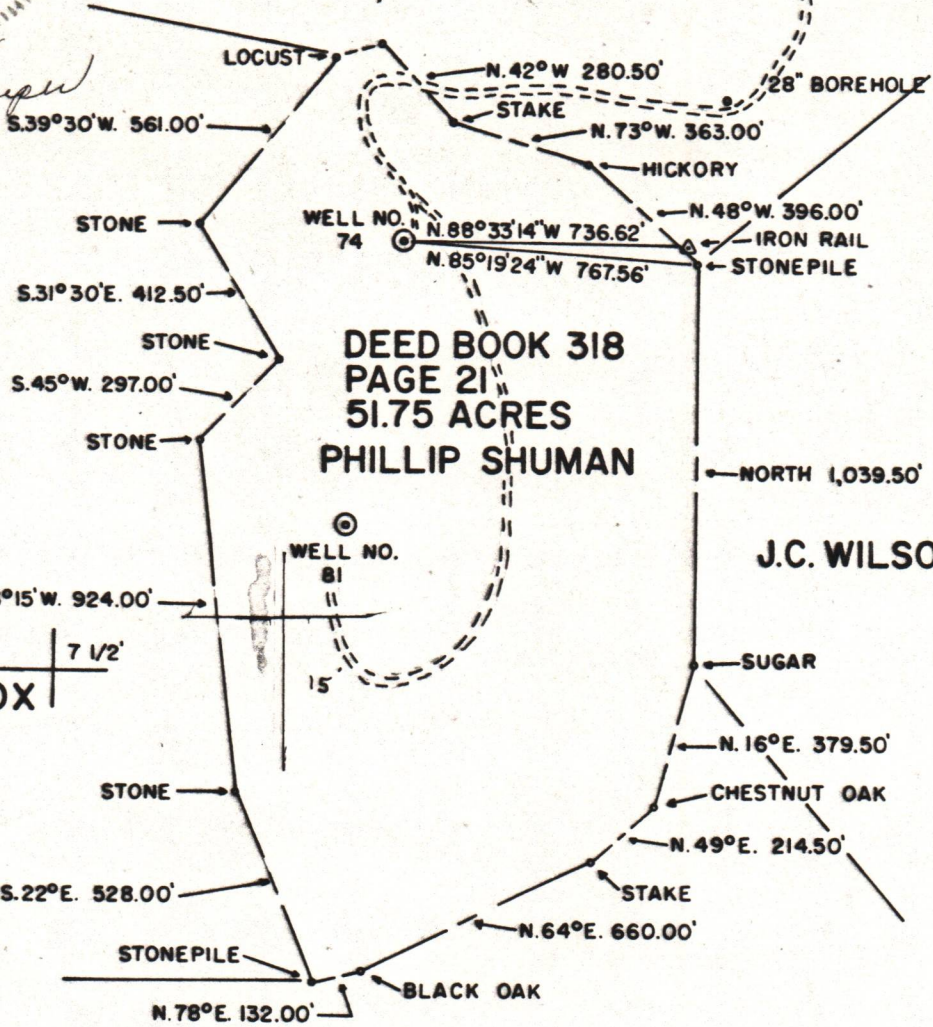
10200'



Stanley A. Harper
March 12, 1982

PHILLIP SHUMAN

RIGHT OF WAY



DEED BOOK 318
PAGE 21
51.75 ACRES
PHILLIP SHUMAN

J.C. WILSON

L. WILSON

JAMES FOX

FILE NO. F2-06-38
DRAWING NO. F2-2-124
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/2500
PROVEN SOURCE OF ELEVATION USGS - BM 122 RHP
1957 1466

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) _____
R.P.E. _____ L.L.S. _____

PLACE SEAL HERE

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



DATE MARCH 5, 19 82
OPERATOR'S WELL NO. F2-74
API WELL NO. 47-061
STATE 0688-R-P 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 1335.00 WATER SHED MIRACLE RUN
DISTRICT BATTELLE COUNTY MONONGALIA
QUADRANGLE BLACKSVILLE 7-1/2'
SURFACE OWNER PHILLIP SHUMAN ACREAGE 51.75
OIL & GAS ROYALTY OWNER PENNZOIL CO. LEASE ACREAGE 52
LEASE NO. 5891
PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG
TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2305
WELL OPERATOR EASTERN ASSOC. COAL CORP. DESIGNATED AGENT SAME
ADDRESS FEDERAL NO. 2 MINE, RT. 1 ADDRESS _____
FAIRVIEW, WV 26570

05/10/2024