

LATITUDE 39° 42' 30"
37° 45'

LONGITUDE 80° 12' 30"
80° 10'

10200

FILE NO. F2-0G-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, 1982
OPERATOR'S WELL NO. F2-74
API WELL NO. 47-061-0688-R-P
STATE WV COUNTY MONONGALIA PERMIT 652A

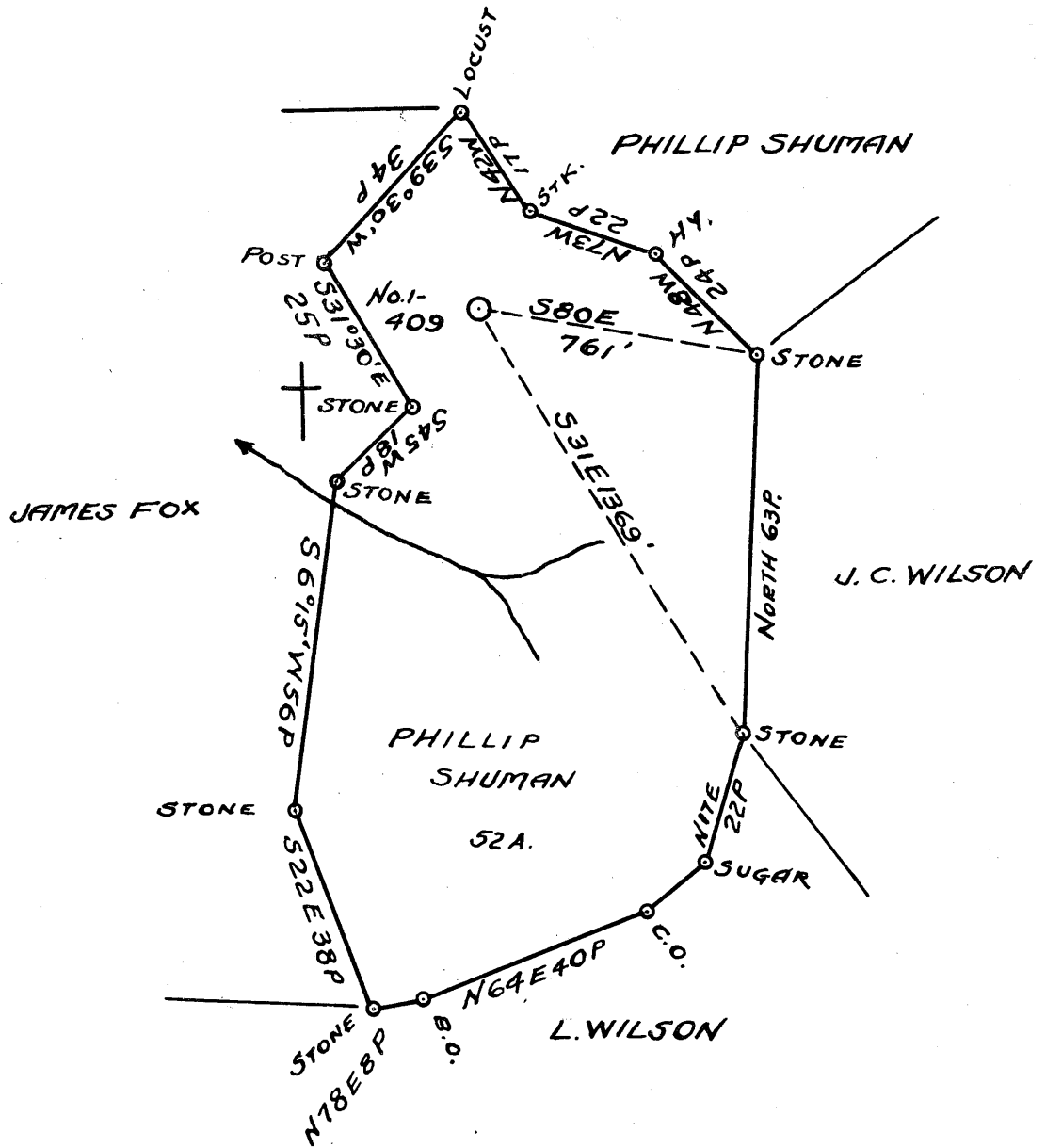
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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' 15100
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 _____ 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 2305
WELL OPERATOR EASTERN ASSOC. COAL CORP. DESIGNATED AGENT SAME
ADDRESS FEDERAL NO. 2 MINE, RT. 1 ADDRESS _____
FAIRVIEW, WV 26570

APR 16 1982

Latitude 39° 45'

Longitude 80° 10'



- New Location .
- Drill Deeper
- Redrill
- Abandonment

Company CARNEGIE NATURAL GAS
 Address 3904 MAIN ST., MUNHALL, PA
 Farm PHILLIP SHUMAN
 Tract _____ Acres 52 Lease No. 5891
 Well (Farm) No. 1 Serial No. 409
 Elevation (Spirit Level) 1342'
 Quadrangle BLACKSVILLE N.W. 1/4
 County MONONGALIA District BATTELLE
 Engineer John Ott Brook
 Engineer's Registration No. 1850
 File No. _____ Drawing No. _____
 Date APR. 25, 1962 Scale 1" = 30 POLES.

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

WELL LOCATION MAP

FILE NO. MON-652-A

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.



RECEIVED

MAR 19 1982

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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

APPROVED FOR redrilling. THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 11-29-82

BY [Signature]

INSPECTOR

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

Address
of
Well Operator

Very truly yours,

(Sign Name)

John A. Veitch TEB
Well Operator

Eastern Associated Coal Corp.
Fed. No. 2 Mine, Rt. 1
Street

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.

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 _____

BLANKET BOND

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			
7			
5 1/2			
4 1/2			
3			
2			Perf. Top
Liners			Perf. Bottom
			Perf. Top
			Perf. Bottom

(see att pluggings report)
+1000'

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.

John A. Veitch TEB
For Coal Company
Resident Engineer
Official Title

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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 TRIPLICATE, 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.

MONONGALIA 0688 RED-P