



Minimum Error of Closure **1' IN 200'**
 Source of Elevation **UNITED STATES GOVERNMENT BENCH**
MARK = ELEV 1706

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Fracture
 New Location
 Drill Deeper
 Redrill
 Abandonment

Issued - 7/25/73

Signed: **N19230.55 W18,129.97**

EA.C.C. WELL NO 465

Company **EASTERN ASSOCIATED COAL CORP**
 Address **GRANT TOWN, W. VA 26574**
 Farm **DANIEL TOOTHMAN 144 ACRES**
 Tract Acres Lease No.
 Well (Farm) No. **14** Serial No. **465**
 Elevation (Spirit Level) **1398'**
 Quadrangle **BLACKSVILLE WC**
 County **MONONGALIA** District **CLAY**
 Engineer **[Signature]**
 Engineer's Registration No. **LS No 360**
 File No.
 Date **6-12-73** Drawing No. **WF-2**
 Scale **1" = 800'**

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. **MON-334-Red-P**

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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL 25 1973

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

REDRILL

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

DATE July 25, 1973

Surface Owner See below

Company Eastern Associated Coal Corp.

Address See below

Address Koppers Bldg., Pittsburgh, Pa.

Mineral Owner _____

Farm D. L. Toothman Acres 144

Address _____

Location (waters) 4 miles north of Fairview

Coal Owner The Charleston National Bank,

Well No. 14 or 465 Elevation _____

Address Charleston, West Virginia Trustee

District Clay County Monongalia

Coal Operator Eastern Associated Coal Corp.

Quadrangle _____

Address Koppers Bldg., Pittsburgh, Pa.

Wilford S. Wilson
Sterling Heights
Fairmont, W. Va. 26554

Lois W. Fox
Fairview, W. Va.

Marvin D. Wilson
Fairview, W. Va.

INSPECTOR TO BE NOTIFIED

Mr. Wm. Blessner
Box 1857
Calfax PH: Fairmont
W. Va. 26566 363-9105

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for redrilling. This permit shall expire if operations have not commenced by 11-25-73.

GENTLEMEN:

The undersigned well operator is entitled to drill ~~upon the~~ deputy Director of Oil and Gas Division for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated June 26 19 73 by Pennzoil Company made to Eastern Associated Coal Corp. and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____

_____NEW WELL ~~FR~~ DRILL DEEPER ~~FR~~ REDRILL ~~FR~~ 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.

Very truly yours, EASTERN ASSOCIATED COAL CORP

By (Sign Name) Deborah Smith
Well Operator Vice President

Address of Well Operator

Koppers Building
Street
Pittsburgh
City or Town
Pennsylvania
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.

BOND RE-DRILL

Mon-334-Red PERMIT NUMBER
47-0601

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

PROPOSED WORK ORDER TO REDRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Chisler Brothers _____ NAME Joe Pasini _____
 ADDRESS Pentress, West Virginia _____ ADDRESS _____
 TELEPHONE 304 879 6362 _____ TELEPHONE _____
 ESTIMATED DEPTH OF COMPLETED WELL: _____ ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: W. Virgin. coal _____
 TYPE OF WELL: OIL X 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			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET

APPROXIMATE COAL DEPTHS 1367 feet _____

IS COAL BEING MINED IN THE AREA? Yes BY WHOM? Eastern Associated Coal Corp

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 _____ 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 _____ 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.

For Coal Company

Official Title