



Minimum Error of Closure 1:2500 Elevation: Bubble Under 1 Foot
 Source of Elevation: U.S.G.S. D.M. At RIGGS KNOB Elevation = 1448

15'
 5.00S
 0.80W

New Location...
 Drill Deeper...
 Abandonment...

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.
 The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.
PROVEN ELEVATION 1265

Company **KENTUCKY CENTRAL & COMPANY**
 Address **PO BOX 161 RIDERWOOD MARYLAND 21086**
 Farm **RALPH CHAPLIN FARM**
 Tract **CHAPLIN** Acres **154.23** Lease No. _____
 Well (Farm) No. **RALPH CHAPLIN** Serial No. _____
 Elevation (Spirit Level) **1265**
 Quadrangle **Clarrington - 15' series** W.Va - Ohio **EC**
 County **MARSHALL** District **FRANKLIN**
 Engineer **John K. Schellhase**
 Engineer's Registration No. **5214**
 File No. _____ Drawing No. _____
 Date **8/11/72** Scale **1" = 800'**

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. **MARS-551**

+ 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

SEP 20 1972

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 18, 1972

Surface Owner Ralph Chaplin

Company Kentucky Central and Company

Address Marshall County, West Virginia

Address P. O. Box 161, Riderwood Md.

Mineral Owner Kentucky Central and Company

Farm Ralph Chaplin Acres 154.23²¹¹³⁹

Address Riderwood, Maryland 21139

Location (waters) Hog Run of the Ohio River

Coal Owner The M.A. Hannah Coal Co.

Well No. #1 Elevation 1265

Address Drawer L, Moundsville, W. Va.

District Franklin County Marshall

Coal Operator _____

Quadrangle Cameron

Address _____

INSPECTOR TO BE NOTIFIED Null

Box 296 PH: 775-5611

Hundred W.Va.
90575

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 drilling. This permit shall expire if operations have not commenced by 1-21-73.

[Signature]
Deputy Director - Oil & Gas Division

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 March 2 1972 by Ralph H. Chaplin Ella Bea Chaplin made to Cecil Tedrow & Ezra Hoge and recorded on the 7th day of July 1972, in Marshall County, Book 427 Page 514

XXXXX NEW WELL _____ DRILL DEEPER _____ 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 mailed Sept. 14, 1972 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, KENTUCKY, CENTRAL, AND COMPANY

(Sign Name) By: C. H. Schildhauer, Jr.

Well Operator

C. Henry Schildhauer, Jr. Gen. Par

P. O. Box 161

Street

Address
of
Well Operator

Riderwood, Maryland 21139

City or Town

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.

CASH DEPOSIT
HELD BY TREASURER

77ars-551 PERMIT NUMBER [Signature]

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

PROPOSED WORK ORDER TO Yes DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME contract not signed _____ NAME John Madden Esq. _____
 ADDRESS _____ ADDRESS 635 Court Ave. Moundsville, _____
 TELEPHONE _____ TELEPHONE 845-1171 _____ W.Va. _____
 ESTIMATED DEPTH OF COMPLETED WELL: 1900 Ft. ROTARY Yes CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: 3rd Salt Sand
 TYPE OF WELL: OIL _____ GAS yes 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	825 ft	825 ft	<u>To Surface</u>
7			
5 1/2		1600 ft	
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 680-685 _____
 IS COAL BEING MINED IN THE AREA? unkown BY WHOM? see front

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.

Verbal Waiver 9/20/72
 For Coal Company
Bill Jones Ch. Eng. from
 Official Title
 (Lannab) written copy to follow