

- NEW LOCATION
- RECONDITION
- 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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Minimum degree of accuracy is one part in 200

Signed William R. Williams, P.L.S. 551

COMPANY KEY OIL COMPANY  
 ADDRESS 108 MARIE STREET, WEST UNION, W.VA. 26456  
 FARM G.W. TWYFORD, BUCK MCGILL  
 MAP \_\_\_\_\_ ACRES 37.28 LEASE NO. \_\_\_\_\_  
 WELL (FARM) NO. ONE SERIAL NO. \_\_\_\_\_  
 ELEVATION (SPIRIT LEVEL) 1110' SE  
 QUADRANGLE WEST UNION 7.5', 15'  
 COUNTY DODDRIDGE DISTRICT WEST UNION  
 POINT OF PROVEN ELEVATION B.M. TRAIN BRIDGE EL: 866'  
 FILE NO. \_\_\_\_\_ DRAWING NO. \_\_\_\_\_  
 DATE 12-27-78 SCALE 1" = 400'

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

WELL LOCATION MAP

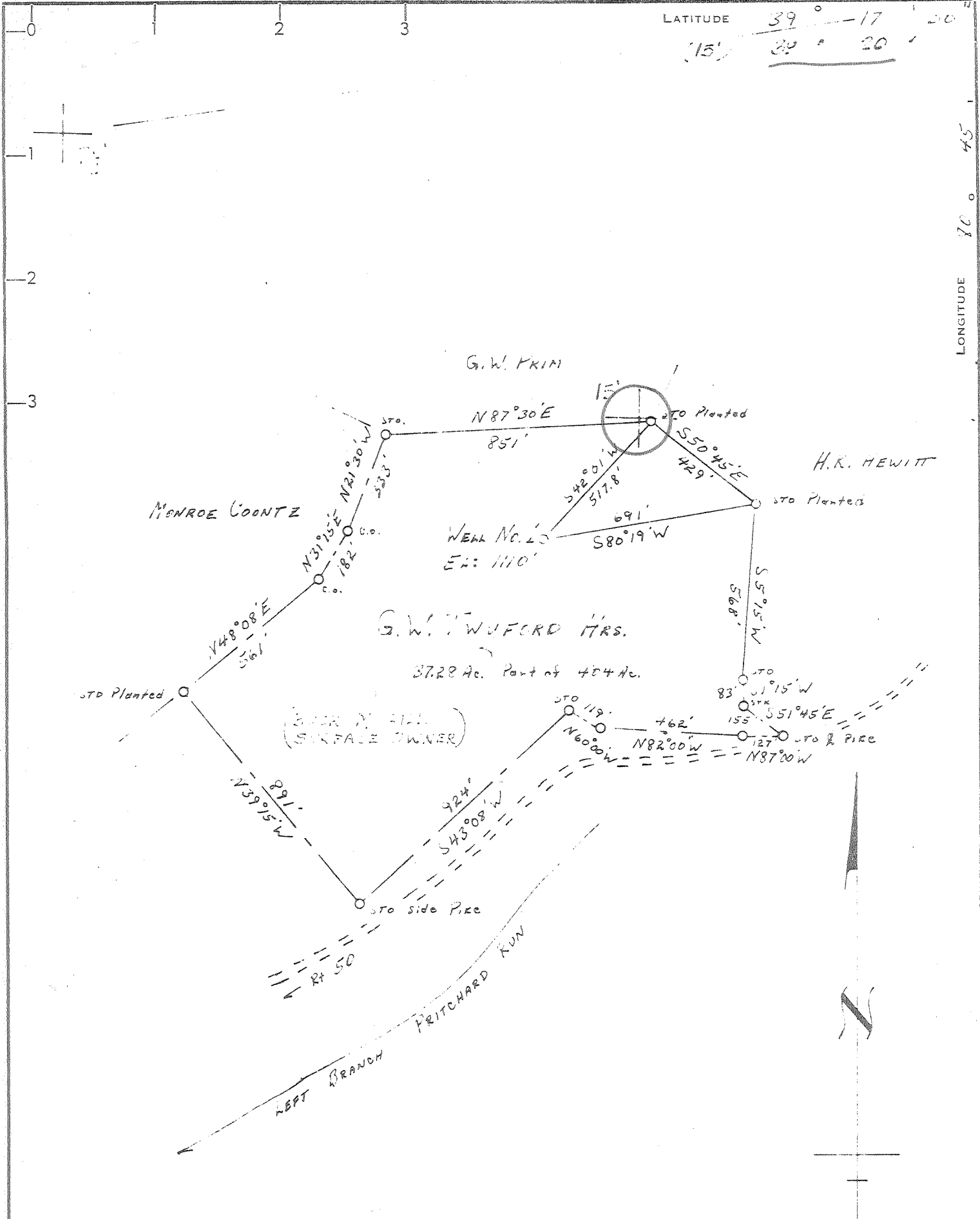
FILE NO. 47-017-2330  
DRILLING CANCELED

+ 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.

5470 - Alexander

JUL 17 1979



LATITUDE  $39^{\circ} - 17' - 20''$   
 (15')  $29^{\circ} - 20'$

LONGITUDE  $70^{\circ} - 45'$

**CERTIFICATE**

- NEW LOCATION
- RECONDITION
- 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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Minimum degree of accuracy is one part in 200  
 Signed *G. W. Twiford* L.L.S. 551

COMPANY KEY OIL COMPANY  
 ADDRESS 106 MARIE STREET, WEST UNION, W. VA. 26456  
 FARM S. W. TWIFORD, BUCK MCGILL  
 MAP Y ACRES 57.28 LEASE NO. \_\_\_\_\_  
 WELL (FARM) NO. CNE SERIAL NO. \_\_\_\_\_  
 ELEVATION (SPIRIT LEVEL) 1110'  
 QUADRANGLE WEST UNION 15', 15' SE  
 COUNTY RODERIDGE DISTRICT WEST UNION  
 POINT OF PROVEN ELEVATION B.M. TRAIN BRIDGE E2: 866'  
 FILE NO. \_\_\_\_\_ DRAWING NO. \_\_\_\_\_  
 DATE 12-27-78 SCALE 1" = 400'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
**WELL LOCATION MAP**  
 FILE NO. **47-017-2330**  
 + 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.  
 JAN 25 1979



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE December 29, 1978  
Company Key Oil Company  
Address West Union, WV  
Farm G. W. Twyford heirs Acres 37.28  
Location (waters) Pritchard Run  
Well No. 1 Elevation 1110  
District West Union County Doddridge  
Quadrangle West Union

Surface Owner Buck McGill  
Address West Union  
Mineral Owner G. W. Twyford heirs, et al  
Address West Union, WV  
Coal Owner none  
Address \_\_\_\_\_  
Coal Operator none  
Address \_\_\_\_\_

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 5-2-79.

INSPECTOR  
TO BE NOTIFIED Woody Garrett  
ADDRESS Clarksburg, WV  
PHONE 622-3871

Robert S. Bell  
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 August 23, 1978 by Wayne L. Twyford, et al made to Key Oil Company and recorded on the 28th day of Dec. 19 78 in Doddridge County, Book 106 Page 614

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 \_\_\_\_\_ 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) Joe M. Laughlin  
Well Operator  
106 Marie Street  
Street  
West Union,  
City or Town  
West Virginia  
State

BLANKET BOND

\*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.

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

PROPOSED WORK ORDER TO X DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME Fox Drilling Company NAME Joe McLaughlin  
 ADDRESS Glenville, WV ADDRESS West Union, WV  
 TELEPHONE 462-7353 TELEPHONE 873-2600  
 ESTIMATED DEPTH OF COMPLETED WELL: 5470 ROTARY \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Alexander  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS X COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT LIFT UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	670'		cement to surface
7			
5 1/2			
4 1/2	5470'		
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 420 FEET SALT WATER \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS none  
 IS COAL BEING MINED IN THE AREA? no BY WHOM? \_\_\_\_\_

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