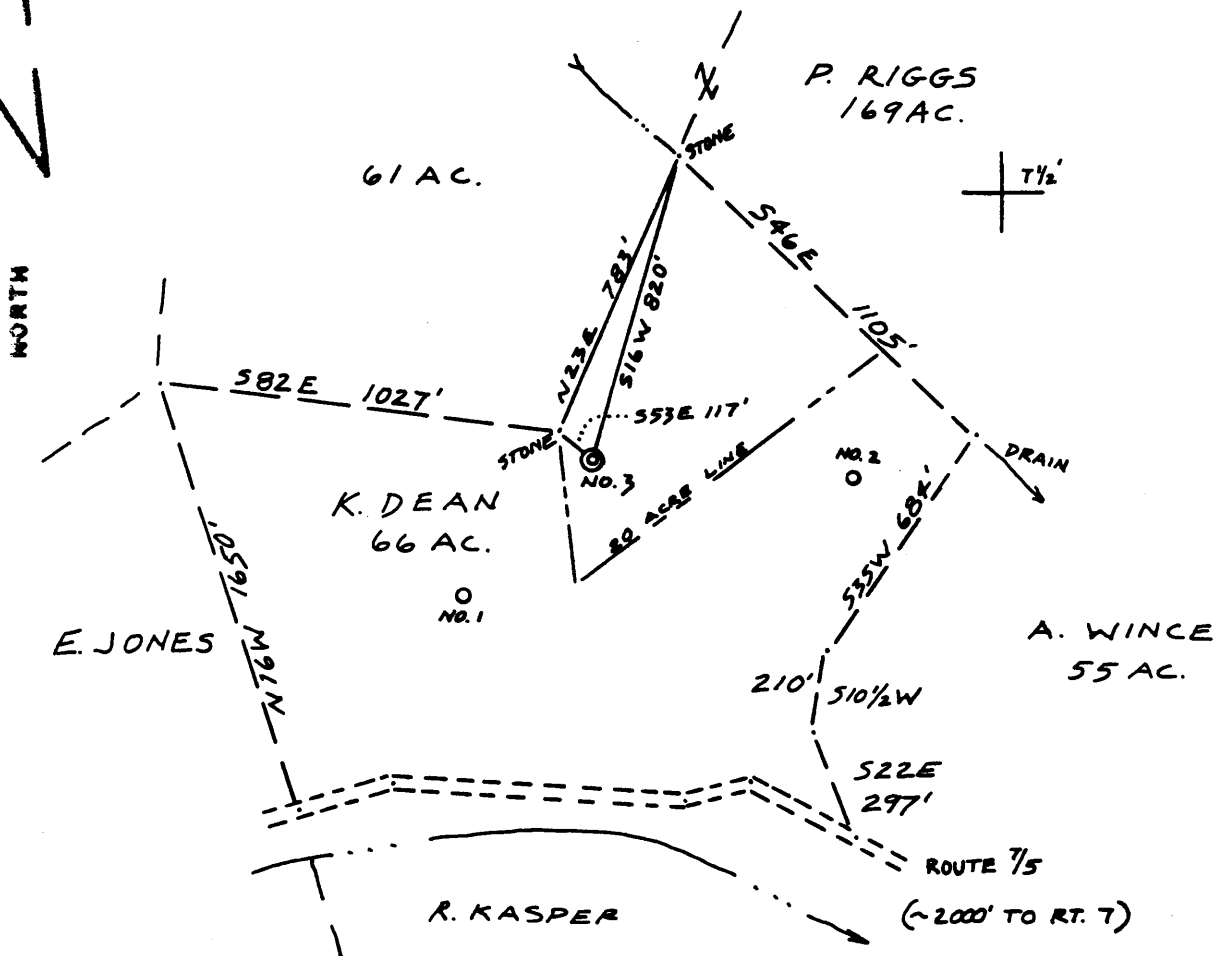


LATITUDE 39° 27' 30"  
 15' 39° 30'  
 7300' SOUTH  
 5000' WEST

LONGITUDE 80° 55' 00"



FILE NO. L+M, JML SMITH  
 DRAWING NO. 3  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION B.M. 732

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) Neal Hughes  
 R.P.E. \_\_\_\_\_ L.L.S. 632

PLACE SEAL HERE

(-) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6  
 (3-79)



DATE JUNE 23, 1980  
 OPERATOR'S WELL NO. 3  
 API WELL NO. 47-095-0825  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

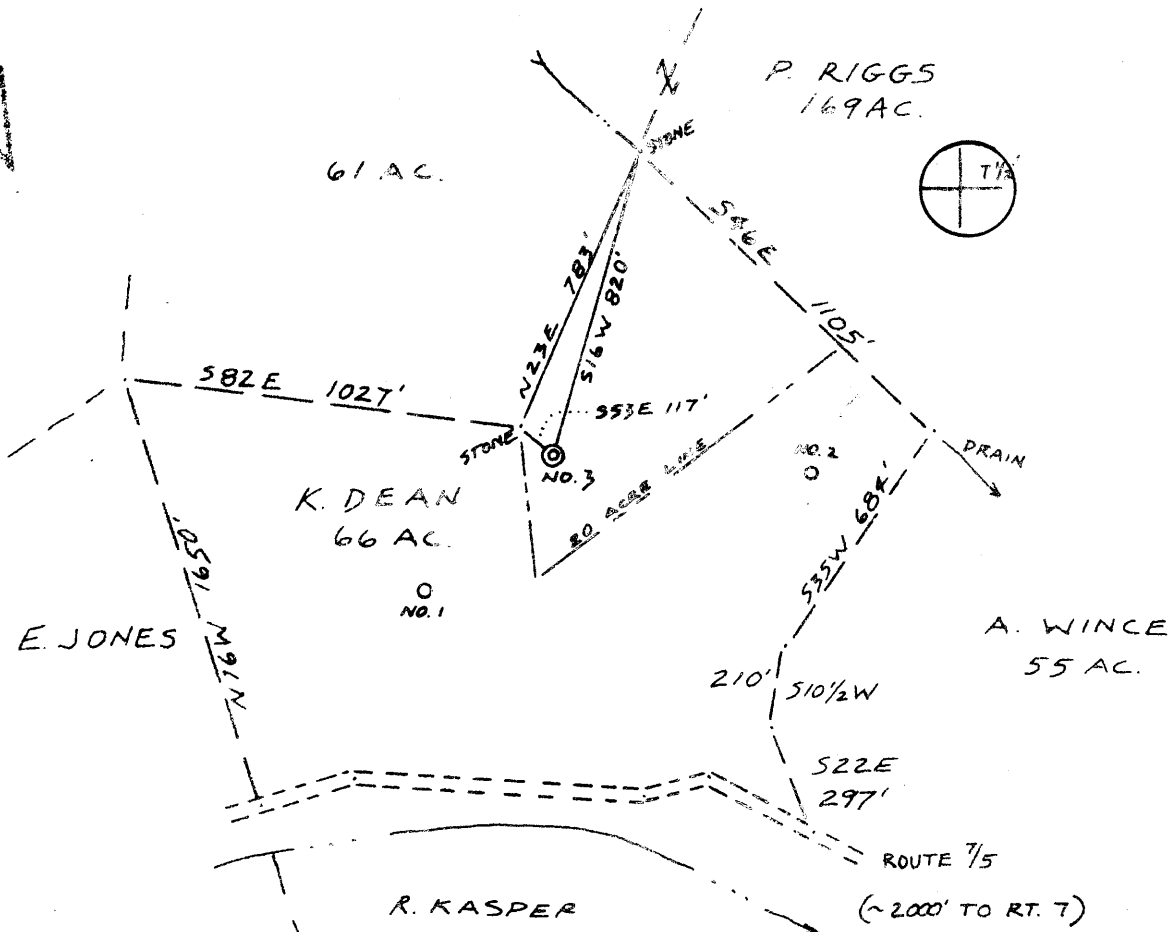
**CANCELLED**

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS", PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_)  
 LOCATION: ELEVATION 965' WATER SHED FREELAND RUN (SANCHO CREEK)  
 DISTRICT MEADE COUNTY TYLER  
 QUADRANGLE MIDDLEBOURNE WEST (UNION)  
 SURFACE OWNER K. DEAN ACREAGE 66  
 OIL & GAS ROYALTY OWNER J. M. L. SMITH LEASE ACREAGE 66  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ ORILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUS OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUS AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUS \_\_\_\_\_  
 TARGET FORMATION DEVONIAN ESTIMATED DEPTH 3400'  
 WELL OPERATOR L+M PETROLEUM CO. DESIGNATED AGENT RICHARD HUDSON  
 ADDRESS MARIETTA, OHIO ADDRESS PARKERSBURG, W.VA. JUN 19 1980

LETITUDE 39° 27' 30"  
 15' 39° 30'  
 7300' SOUTH  
 5000' WEST

00° 55' 08"



BY L.M. JML SMITH  
 DATE 40 3  
 SCALE 1" = 500'  
 NORTH POINT TO  
 BEAR 1/200  
 SOURCE OF  
 INFORMATION B.M. 732

THE INFORMATION HEREIN CONTAINS  
 THAT THIS PLAN IS SUBJECT TO THE  
 STATE OF OHIO AND SHALL BE  
 VOID IF THE INFORMATION CONTAINED  
 HEREIN IS NOT THE PROPERTY OF THE  
 DEPARTMENT OF REVENUE.  
 (SIGNED) Neal Hughes

632  
 JUNE 23 1980  
 095 0825  
 DEAN COUNTY

STATE OF OHIO  
 DEPARTMENT OF REVENUE  
 OIL AND GAS DIVISION

WATER INJECTION  
 965' WATER LINE FREELAND RUN (SANCHO CREEK)  
 MEADE TYLER  
 MIDDLEBOURNE WEST UNION NW 66  
 K. DEAN  
 J. M. L. SMITH 66

DEVONIAN 3400'  
 L.M. PETROLEUM CO. RICHARD HUDSON  
 MARIETTA, OHIO PARKERSBURG, WVA.

AUG 26 1980

RECEIVED  
AUG - 1 1980



RECEIVED  
JUL 23 1980

STATE OF WEST VIRGINIA  
OIL & GAS DIVISION  
DEPT. OF MINES  
Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE July 14, 1980  
Company L & M Petroleum Co.  
Address Rt. #1, Box 18-B, Marietta, OH  
Farm J.M.L. Smith Acres 66  
Location (waters) Sancho Creek  
Well No. 3 Elevation 965'  
District Meade County Tyler  
Quadrangle Middlebourne

Surface Owner K. Dean  
Address Tyler Co., WV  
Mineral Owner J.M.L. Smith  
Address Tyler Co., WV  
Coal Owner Same  
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 4-4-81.

INSPECTOR  
TO BE NOTIFIED Phil Tracy  
ADDRESS Rt. 2, Alma, WV  
PHONE 758-4573

Fred B. Burdette  
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 5/21 1979 by J.M.L. Smith made to Key Oil Co. and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19   in Tyler County, Book 220 Page 65  
XX 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 addresses \_\_\_\_\_ 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, L & M Petroleum, Co.  
(Sign Name) Willy C. Lantz  
Well Operator  
Rt. #1, Box 18-B  
Street  
Marietta  
City or Town  
Ohio 45750  
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

47-095-0825 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 X DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME \_\_\_\_\_ NAME Richard Hudson  
 ADDRESS \_\_\_\_\_ ADDRESS Parkersburg, WV 26101  
 TELEPHONE \_\_\_\_\_ TELEPHONE 304-422-7208  
 ESTIMATED DEPTH OF COMPLETED WELL: ~~2800'~~ 3400' ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Devonian Gordon  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS \_\_\_\_\_ COMB. X 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	250'	250'	Surface
7			
5 1/2			
4 1/2	TD	TD	400 sx
3			
2			Perf. Top
Liners			Perf. Bottom
			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 500 FEET 1500 SALT WATER \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS \_\_\_\_\_  
 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