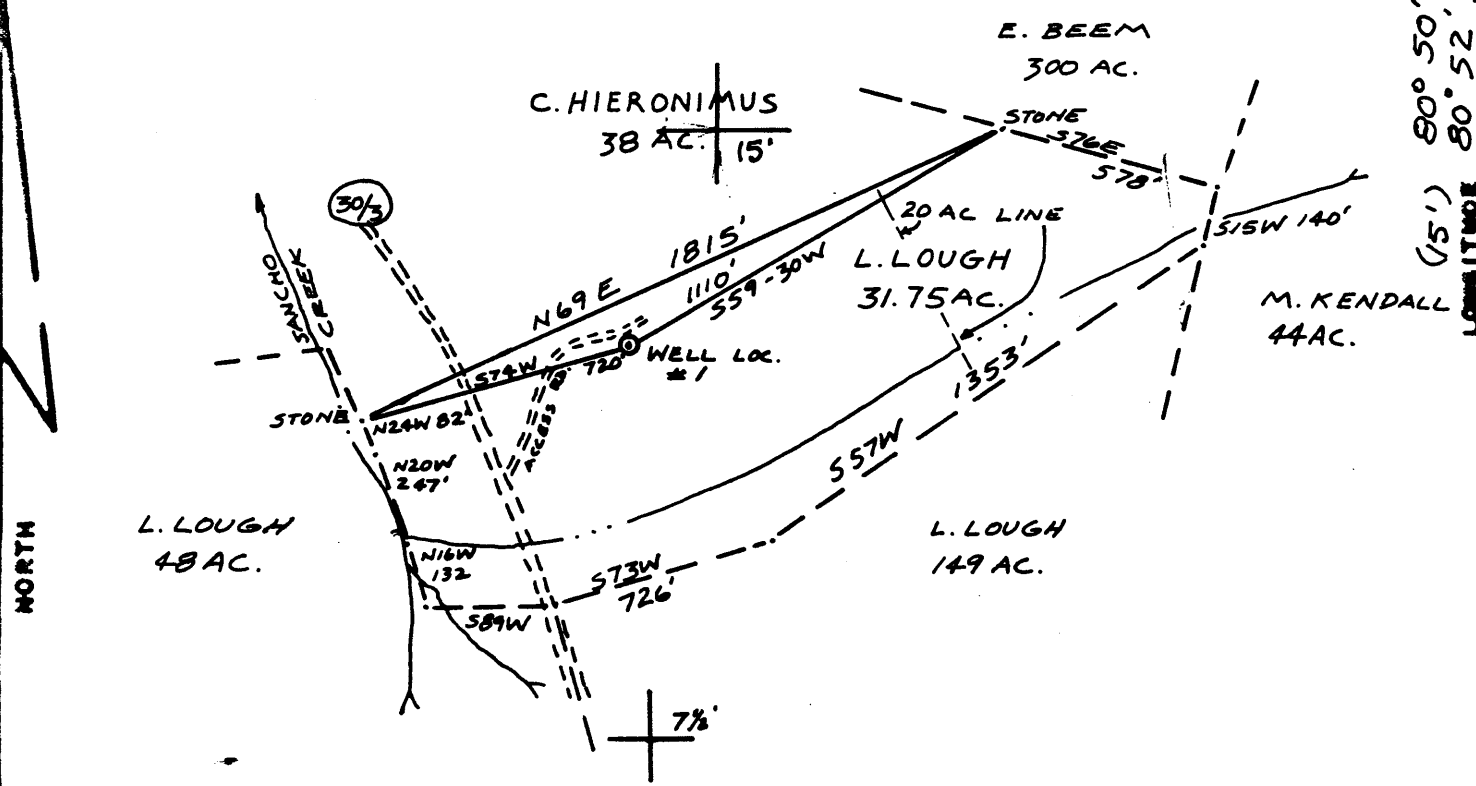


LETITUDE 39° 25'

10,300' SOUTH

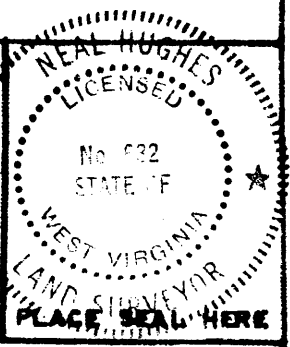
8700' WEST

80° 50'
(51) 80° 52' 30"
LONGITUDE



FILE NO. L+M L. LOUGH
 DRAWING NO. 1
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION RD. INTER. 834

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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



DATE JUNE 3, 1980
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-095-0828
 STATE COUNTY PERMIT

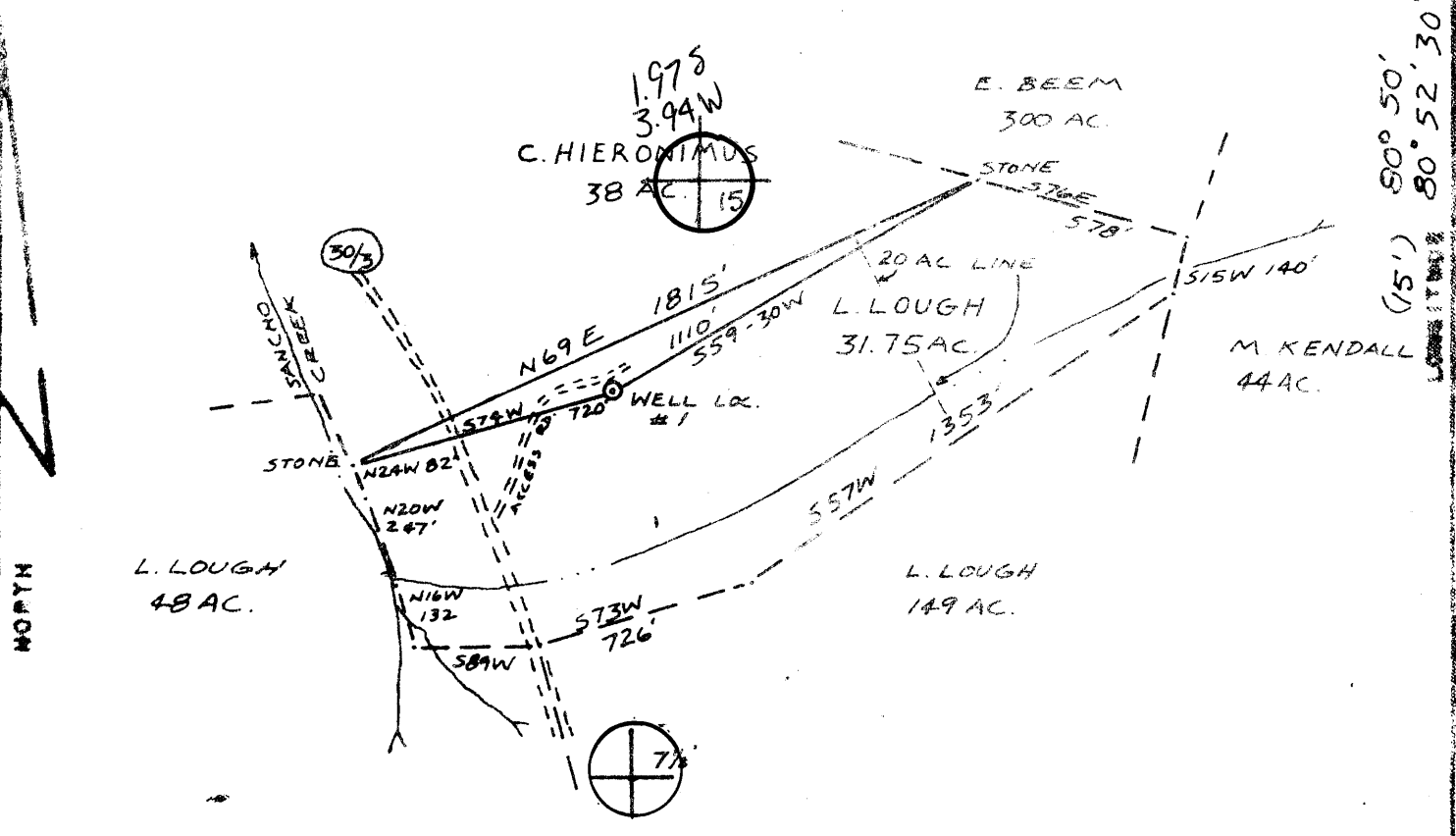
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

CANCELLED

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____)
 LOCATION: ELEVATION 980' WATER SHED SANCHO CREEK
 DISTRICT CENTERVILLE COUNTY TYLER
 QUADRANGLE MIDDLEBOURNE WEST UNION 15
 SURFACE OWNER LESTER LOUGH ACREAGE 31.75 AC.
 OIL & GAS ROYALTY OWNER LESTER LOUGH LEASE ACREAGE 31.75 AC.
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUS AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION DEVONIAN ESTIMATED DEPTH 3400"
 WELL OPERATOR L+M PETROLEUM CO DESIGNATED AGENT RICHARD HUDSON JUN 13 1983
 ADDRESS MARIETTA, OHIO ADDRESS PARKERSBURG, W. VA.

39° 25'
 10,300' SOUTH
 8700' WEST



L+M
 NO. 1 L. LOUGH
 SCALE 1"=500'
 1/200
 INTER. 834

THE INDIVIDUAL HEREBY CERTIFIES THAT THIS PLAN IS CORRECT AND TRUE AND THAT ALL THE INFORMATION HEREON IS TRUE AND THE REGULATIONS REQUIRED BY THE DEPARTMENT OF MINES.
 Neal Hughes
 632

LOCATION OF WELL IN THE STATE OF WEST VIRGINIA
 COUNTY OF MARIETTA
 TOWNSHIP OF TYLER

DATE JUNE 3, 1980
 OPERATOR'S OIL NO. 1
 ASH WELL NO. 37
 STATE COUNTY 095 0828

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE GAS LIQUID INJECTION WASTE DISPOSAL
 LOCATION SURFACE 980' MIDDLEBOURNE SANCHO CREEK
 DISTRICT CENTERVILLE TYLER
 SURFACE LESTER LOUGH 31.75 AC
 OIL & GAS RESERVES OWNER LESTER LOUGH LEASE ACRES 31.75 AC

TARGET FORMATION DEVONIAN ESTIMATED DEPTH 3400'
 WELL OPERATOR L+M PETROLEUM CO DESIGNATED AGENT RICHARD HUDSON
 ADDRESS MARIETTA, OHIO ADDRESS PARKERSBURG, W. VA.



RECEIVED

AUG - 1 1980

RECEIVED

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

JUL 23 1980

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE July 18, 1980

Surface Owner Lester Lough
Address Rt. #, Pennosboro, WV
Mineral Owner Lester Lough
Address Same
Coal Owner Same
Address _____
Coal Operator None
Address _____

Company L & M Petroleum Co.
Address Rt. #1, Box 18-8, Marietta, OH
Farm Lester Lough Acres 31.75
Location (waters) Sancho Creek
Well No. 1 Elevation 980'
District Centerville County Tyler
Quadrangle Middlebourne

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

Frederic Burchett
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 3/20 1973 by Lester T. & Freda Lough made to Royal Resources Corp. and recorded on the 14 day of Feb. 1974, in Tyler County, Book 200 Page 388
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 8 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, L & M Petroleum, Co.

(Sign Name) Shelby C. ...
Well Operator

Rt. #1, Box 18-8
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

47-095-0828

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