

LETITUDE 39° 27' 30"

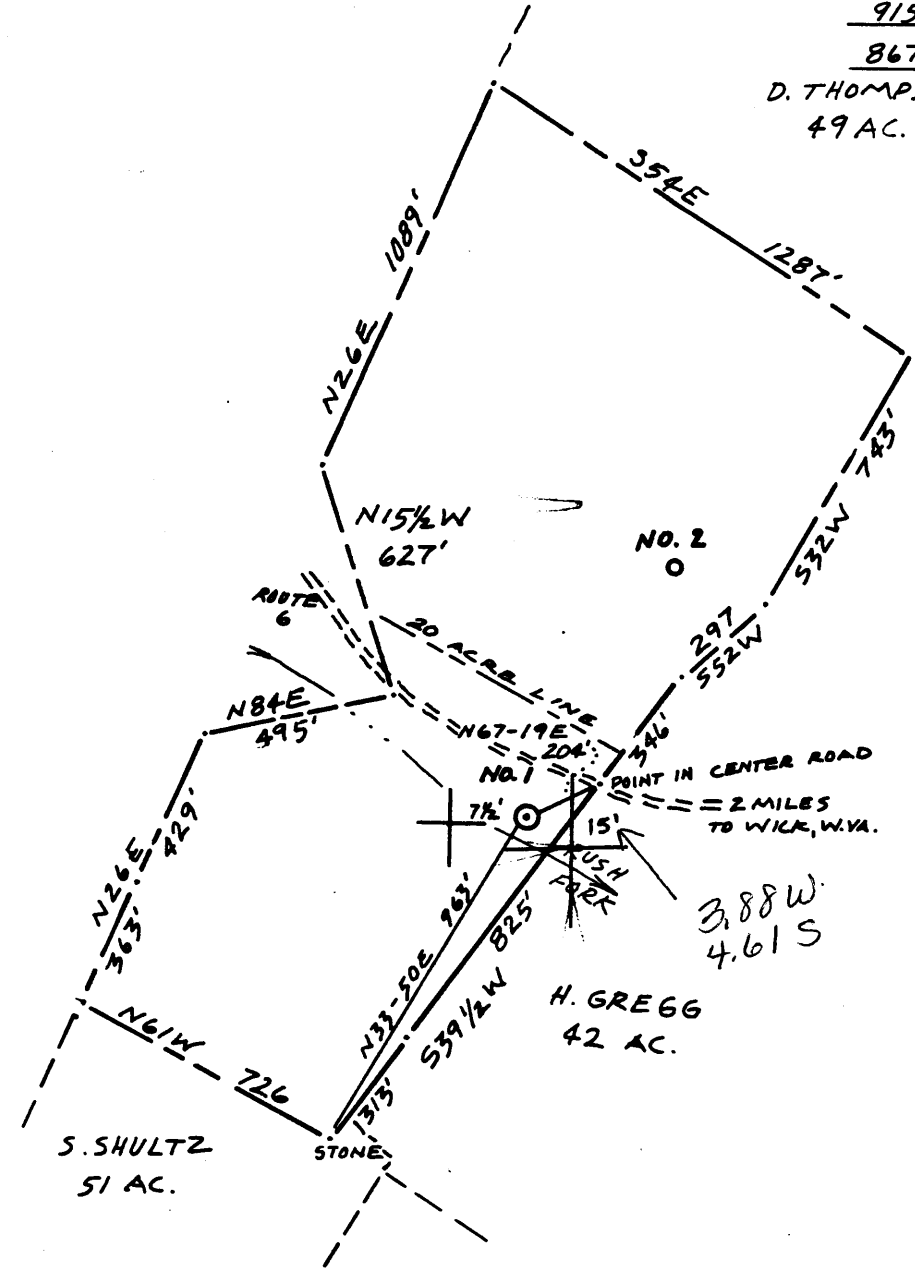
9150' SOUTH

8675' WEST

D. THOMPSON
49 AC.

(15') 80° 55'
LONGITUDE 80° 57' 30"

NORTH



FILE NO. J. GA.

DRAWING NO. 1

SCALE 1"=500'

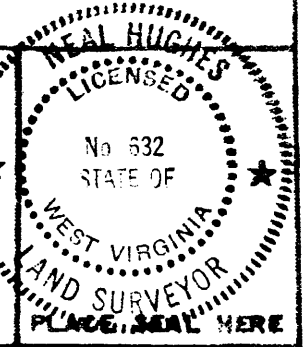
MINIMUM DEGREE OF ACCURACY 1/200

PROVEN SOURCE OF ELEVATION ROAD INTER. BOT

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
12-73



DATE FEB 22, 1980

OPERATOR'S WELL NO. 1

API WELL NO. 47-095-0788

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 838' WATER SHED RUSH FORK

DISTRICT MADE COUNTY TYLER

QUADRANGLE MIDDLEBOURNE 7 1/2' WEST UNION 15'

SURFACE OWNER S. SHULTZ ACREAGE 56'

OIL & GAS ROYALTY OWNER JOHN GARRISON LEASE ACREAGE _____
LEASE NO. _____

PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUS AND ISABRON _____ CLEAN OUT AND REPLUG _____

TARGET FORMATION Devonian Garden ESTIMATED DEPTH 2800' 13 1983

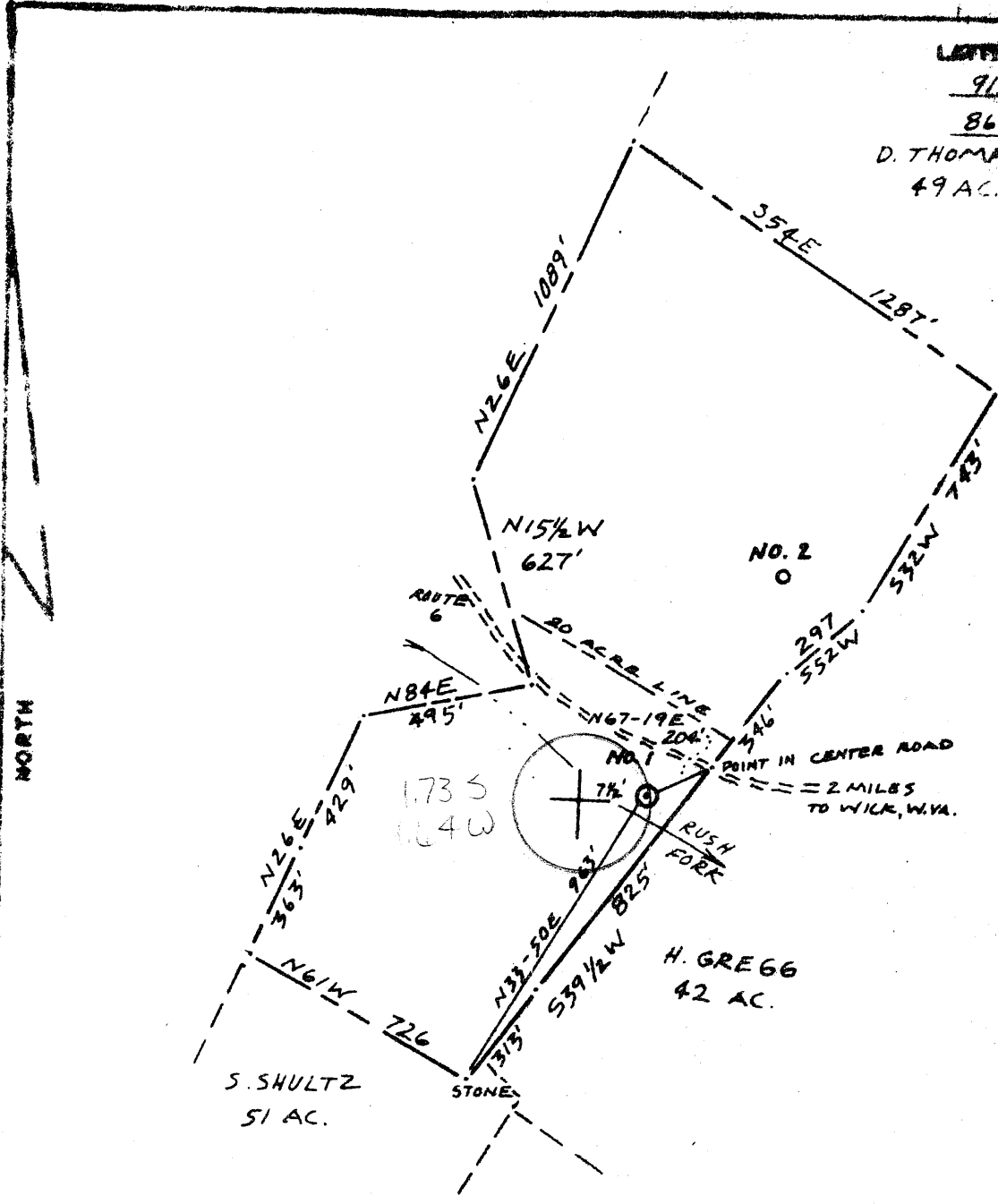
WELL OPERATOR Louis Petroleum Co DESIGNATED AGENT Richard Hudson

ADDRESS Box 18-B ADDRESS Parkersburg W.V.
Marquette O 304-424-0876

3-5-80
 LATITUDE 39° 27' 30"
9150' SOUTH
8675' WEST

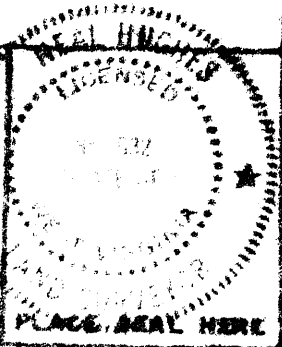
D. THOMPSON
 49 AC.

LONGITUDE 80° 57' 30"



FILE NO. LGA
 DRAWING NO. 1
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION ROAD INTER. BOT

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.F.E. _____ L.L.S. 632



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM 17-6
 10-73



DATE FEB 22, 1980
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-095-0788
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE OIL GAS LIQUID INJECTION WASTE DISPOSAL
 LEASE PRODUCTION STORAGE DEEP SHALLOW
 DEPTH OF PENETRATION 838' WATER SHED RUSH FORK
 DISTRICT MEADE COUNTY TYLER
 QUADRANGLE MIDDLEBOURNE 7 1/2' West Union NW
 SURFACE OWNER S. SHULTZ ACRES 56
 OIL & GAS COMPANY OWNER JOHN GARRISON LEASE ACRES _____
 LEASE NO. _____
 PROPERTY BEING DRILL CONVEY DRILL DEEPER RE-DRILL FRACTURE OR
 STIMULATE TUBE OFF OLD FORMATION PERFORATE NEW
 PUTATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLAN AND SECTION _____ DISS OUT AND REFLD _____
 TARGET FORMATION Devonian Gordon ESTIMATED DEPTH 2000'
 WELL OPERATOR Land M. Petroleum Co DESIGNATED AGENT Richard Hudson
 ADDRESS Box 182 ADDRESS Pocahontas W.V.
Marquette O. 304-924-0876



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 February 28, 1980

Surface Owner S. Schultz
Address Middlebourne, WV
Mineral Owner John Garrison
Address P.O. Box 344, Parkersburg, WV
Coal Owner Same as above
Address _____
Coal Operator None
Address _____

Company L & M Petroleum Co
Address Rt. #1, Box 18-B, Marietta, OH
Farm John Garrison Acres 56
Location (waters) Rush Fork
Well No. 1 Elevation 838'
District Meade County Tyler
Quadrangle _____

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 11-5-80.

Robert H. [Signature]

Deputy Director - Oil & Gas Division

INSPECTOR
TO BE NOTIFIED Phillip Lee Tracy
ADDRESS P.O. Box 173-Dodd Street
Middlebourne, WV 26149
PHONE 758-4573

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 July 2 1979 by John Garrison made to Key Oil Company and recorded on the _____ day of _____ 1979 in Tyler County, Book 220 Page 69

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, L & M Petroleum Co
(Sign Name) *Phillip C. Hunter*
Well Operator
Phillip C. Hunter
Street
Rt. #1, Box 18-B, Newport Pike
City or Town
Marietta, 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

47-095-0788 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 22-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: _____
 NAME _____ NAME Richard Hudson
 ADDRESS _____ ADDRESS Parkersburg, WV
 TELEPHONE _____ TELEPHONE 304-424-0876
 ESTIMATED DEPTH OF COMPLETED WELL: 2888' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Devonian Gordon
 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
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 150 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