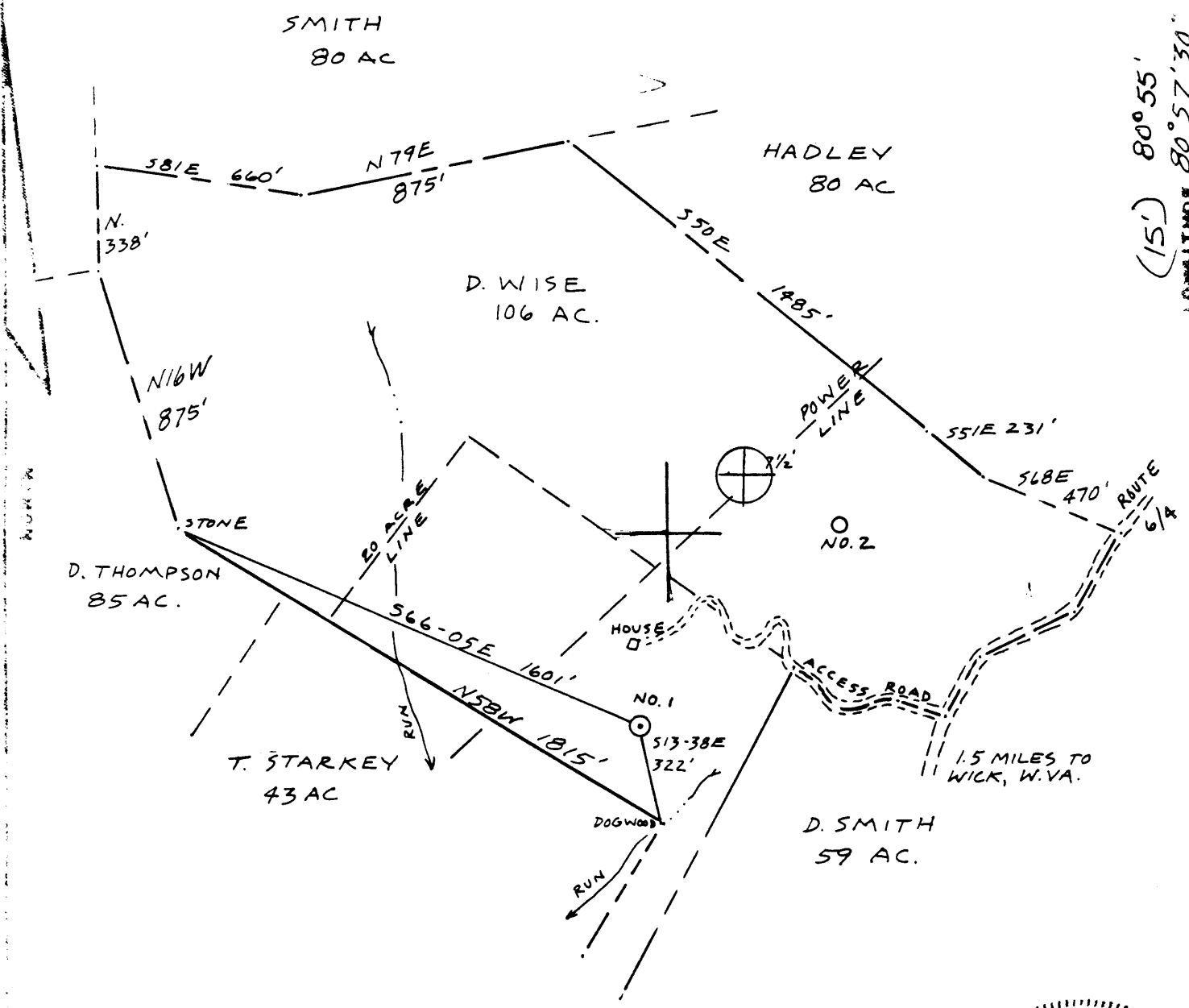


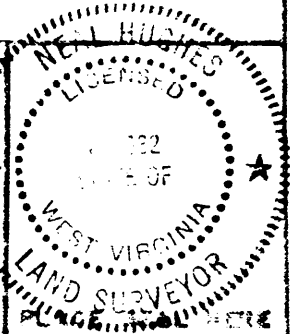
(15') 39° 27' 30"
 8200' SOUTH
 5900' WEST

(15') 80° 55'
 LONGITUDE 80° 57' 30"



WELL NO. ELLE
 PLAT NO. 1
 SCALE 1" = 500'
 PLAT BEARING OF 1/2
 SOURCE OF SECTION ROAD INTER 807'

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



LOCATES LOCATION OF WELL ON UNITED STATES GEOGRAPHIC MAPS
 FORM NO. 8
 1-77



DATE Feb 22, 1982
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-095-0834
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

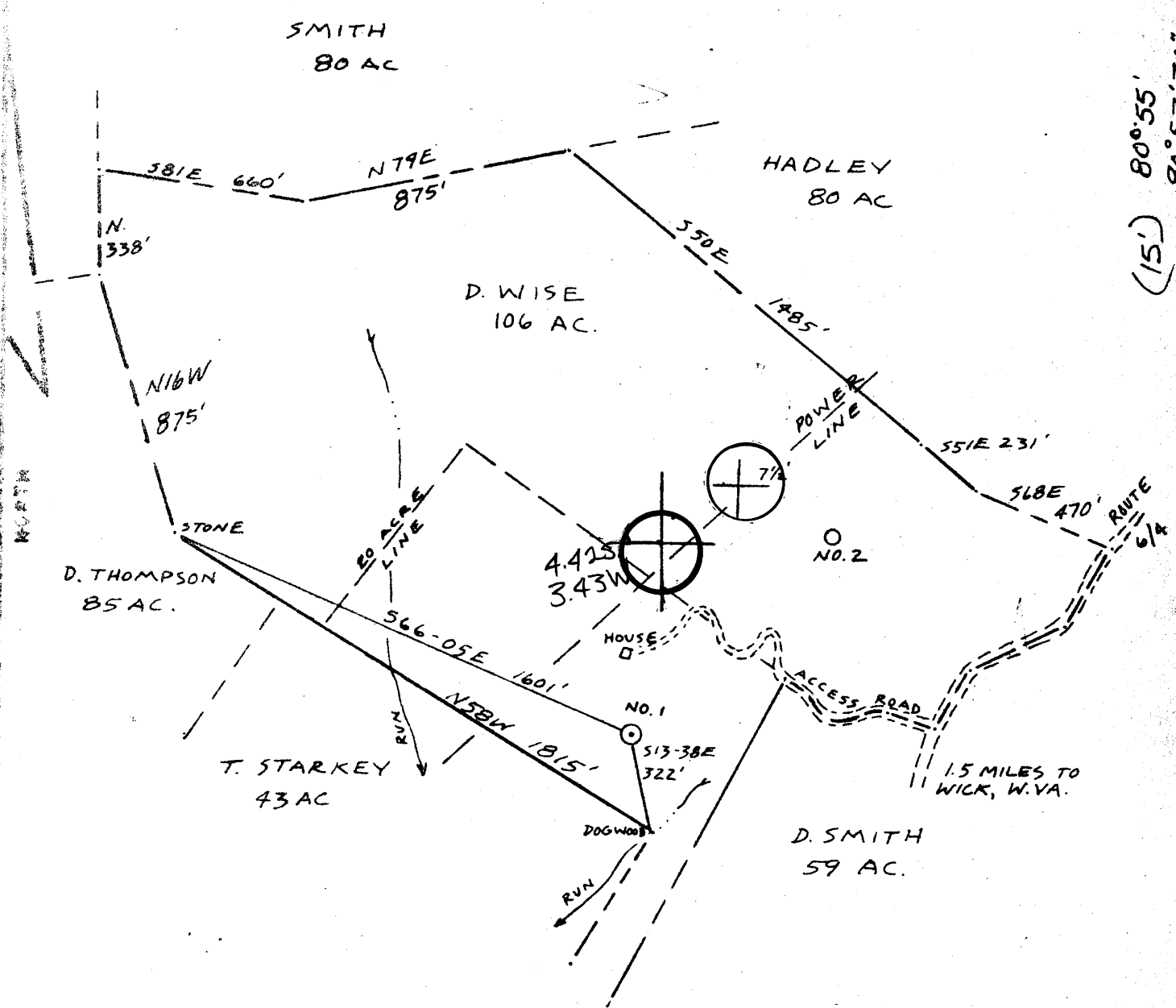
CANCELLED

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 "SAB", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 ELEVATION 947' WATER SHED RUSH FORK
 DISTRICT MEADE COUNTY TYLER
 DIAPHRAGM MIDDLEBOURNE 7 1/2' WEST UNION 15'
 SURFACE OWNER DALE WISE ACREAGE 106 AC
 OIL & GAS ROYALTY OWNER RAYMOND LEE, G.E. ROBINSON LEASE ACREAGE 106 AC.
 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) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Devonian Shale ESTIMATED DEPTH 4500'
 WELL OPERATOR LEM Petroleum Co. DESIGNATED AGENT Phillip Hunter/E. Nelson
 ADDRESS Rt. 1 Box 188 ADDRESS Rt. 1 Box 188
MARIETTA, OH. MARIETTA, OH.

1983

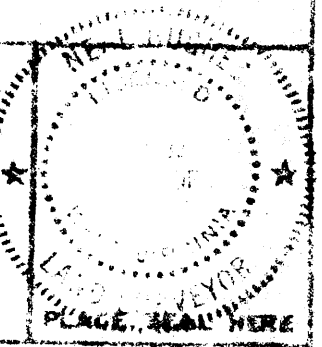
39° 27' 30"
 (15') 39° 30'
 8200' SOUTH
 5900' WEST

(15') 80° 55'
 LONGITUDE 80° 57' 30"



FILE NO. E.L.E.
 DRAWING NO. L
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVER SOURCE OF ELEVATION ROAD INTER. 807'

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 Huger
 R.P.E. _____ L.L.S. 632



REMARKS: LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-2
 (8-78)



DATE Feb 22 1980
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-095-0834
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (OR "GAS" PRODUCTION) _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION ELEVATION 947' WATER SWED RUSH FORK
 DISTRICT MEADE COUNTY TYLER
 DIAGRAMS MIDDLEBOURNE 7 1/2' WEST UNION 15' NW
 SURFACE OWNER DALE WISE ACREAGE 106 AC
 OIL & GAS ROYALTY OWNER RAYMOND LEE, G.E. ROBINSON LEASE ACREAGE 106 AC.
 LEASE NO. _____

PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ FLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION: _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Devonian Shale ESTIMATED DEPTH 4500'
 WELL OPERATOR LEM Petroleum Co. DESIGNATED AGENT Phyllis Hunter/C. Hunter
 ADDRESS Rt. 1 Box 188 ADDRESS Rt. 1 Box 188
MARIETTA, OH. MARIETTA, OH. SEP 16 1980



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 August 11, 1980

Surface Owner Dale Wise
Address Tyler Co. West Virginia
Mineral Owner Raymond Lee & G.E. Robinson
Address 331 Rowland Ave. Rt. 2, Box 137
Carnegie, PA Coolville, OH
Coal Owner SAME
Address _____
Coal Operator None
Address _____

Company L & M Petroleum Co.
Address Rt. #1, Box 18-B, Marietta, OH
Farm Lee/Robinson Acres 106
Location (waters) Rush Fork
Well No. 1 Elevation 947'
District Meade 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 4-25-81.

INSPECTOR
TO BE NOTIFIED Phil Tracy
ADDRESS Middlebourne, WV
PHONE 758-4573

Fred Robinson
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 6/1 & 10/18 19 79 by Raymond Lee/ G.E. Robinson made to Key Oil Company and recorded on the _____ day of _____ 19 79 in Tyler Co. County, Book 220 Page 41 222 Page 48
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 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) *Phil Tracy*
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 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.

47-095-0834

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 *Phil Tracy*

BLANKET BOND

Survey

**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: 4500' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Devonian Shale
 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