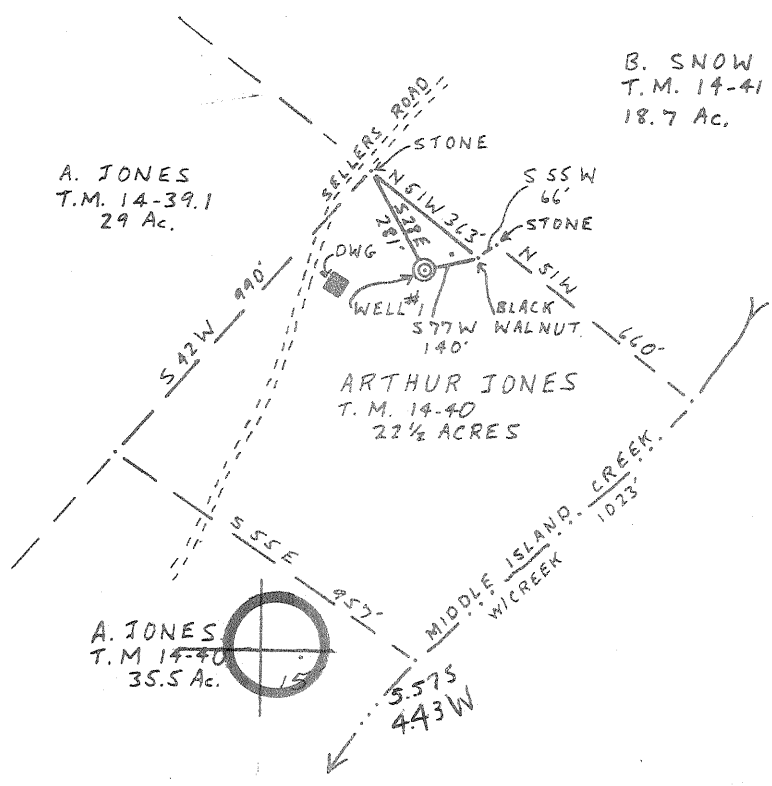


10-1-78
 LATITUDE 39° 32' 30"
 (15') 39° 35'
 14,500' SOUTH
 11,400' WEST

(15') 80° 50'
 LONGITUDE 80° 52' 30"

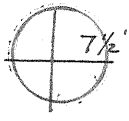


B. SNOW
 T.M. 14-41
 18.7 Ac.

A. JONES
 T.M. 14-39.1
 29 Ac.

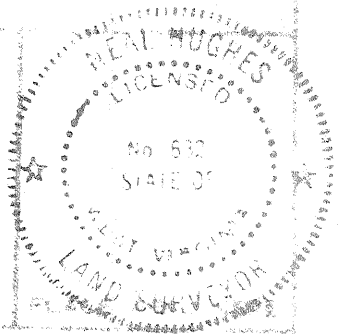
ARTHUR JONES
 T.M. 14-40
 22 1/2 ACRES

A. JONES
 T.M. 14-40
 35.5 Ac.



DATE 10 L+M
 DRAW NO. 1
 SCALE 1" = 500'
 MINIMUM CIRCULAR OF
 ACCURACY 1/200
 PROVEN SOURCE OF
 ELEVATION KNOB 1070'

THE UNDERSIGNED HEREBY CERTIFY
 THAT THIS PLAN 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
 P.P.S. 632



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

DATE Sept 22 1980
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-095-0865
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WVDEP database aban.well
 Comp 3/10/81
 lca 8/18/85

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 690' WATER SHED MIDDLE ISLAND CREEK
 DISTRICT ELLSWORTH COUNTY TYLER
 QUADRANGLE PADEN CITY 7 1/2 NEW MARTINSVILLE 1556
 SURFACE OWNER ARTHUR JONES
 OIL & GAS ROYALTY OWNER ARTHUR JONES LEASE NO. 34609 LEASE ACRES 252
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REPAIR _____ FRACTURE _____
 STIMULATE _____ PLUG OFF OLD FORMATION _____ REPERFORATE NEW
 FORMATION _____ OTHER PHYSICAL CHANGE TO WELL (SPECIFY): _____

PLUS AND BEYOND _____ CLEAR OUT AND REPAIR _____
 TARGET FORMATION _____ INITIATED DEPTH 4500'
 WELL OPERATOR J.M. Watson Co. DESIGNATED AGENT Richard Hudson
 ADDRESS Rt. 1 Box 1300 Newtontown, Ohio ADDRESS Sabersburg, WV
 614-373-8771 304-472-7208

OCT 17 1980



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

RECEIVED
OCT - 1 1980
OIL & GAS DIVISION
DEPT. OF MINE

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 25, 1980

Surface Owner Arthur Jones (34609)

Company L&M Petroleum Co.

Address Rt. 1, Middlebourne, WV

Address Rt. #1, Marietta, OH 45750

Mineral Owner Same

Farm Arthur Jones Acres 252

Address _____

Location (waters) Middle Island Creek

Coal Owner Same

Well No. 1 Elevation 690'

Address _____

District Ellsworth County Tyler

Coal Operator None

Quadrangle Paden City

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 6-3-81.

INSPECTOR TO BE NOTIFIED Phil Tracy

ADDRESS Middlebourne, WV

PHONE 758 4573

[Signature]
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 April 2 19 71 by Arthur Jones made to Royal Resources Corp. and recorded on the _____ day of _____ 19____ in Tyler County, Book 188 Page 465
 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) Janna Cogan Asst. Sec.
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.

47-095-0865 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 _____

BLANKET BOND

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	LIST IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
16			
10			
5/8			
5/8	250		125 sx
	TD	TD	400 sx
			Perf. Top
			Perf. Bottom
			Perf. Top
			Perf. Bottom

PROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 PROXIMATE COAL DEPTHS _____
 COAL BEING MINED IN THE AREA? No BY WHOM? _____

DRILL:
 SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

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.

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 of.

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