

LATITUDE 39° 22' - 30"  
(15') 39° 25'

MUSKINGUM ISLAND

OHIO RIVER

NOTE #2 WOO-1027  
AND #3 WOO-1028 HAVE  
PERMITS BUT ARE NOT DRILLED

E. MAYO

#3 0  
WOO-1028

WOOD COUNTY  
BOARD OF EDUCATION

WOO-1027  
#2

EUGENE  
MAYO

HETTICK ETAL

No 4A  
ELEV. 587

#1  
WOO-747  
ELEV. 587

No 4B  
ELEV. 587

#2  
WOO-197  
ELEV. 587

USGS  
603

BALTIMORE + OHIO RAILROAD  
OLD WILLIAMSTOWN PIKE

KELLAR LANE

(15') 81° 25'  
LONGITUDE 81° 27' - 30"

NORTH

OWNERSHIP:

EUGENE MAYO

RT 1, WILLIAMSTOWN W. V.

O & G SAME

NO COAL

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 400'  
MINIMUM DEGREE OF  
ACCURACY 1 IN 200  
PROVEN SOURCE OF  
ELEVATION WELL MAYO #1  
ELEV. 587 AND USGS BM ON  
R.R. = 603

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 REGU-  
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-  
MENT OF MINES.

(SIGNED) Darrell R. Goice  
R.P.E. \_\_\_\_\_ L.L.S. # 667

PLACE SEAL HERE

(+) DENOTES LOCATION OF  
WELL ON UNITED STATES  
TOPOGRAPHIC MAPS

FORM IV-6  
(8-78)



DATE \_\_\_\_\_, 19\_\_\_\_

OPERATOR'S WELL NO. \_\_\_\_\_

API WELL NO. \_\_\_\_\_

47 - 107 - 1123

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 587 WATER SHED OHIO RIVER

DISTRICT WILLIAMS COUNTY WOOD

QUADRANGLE VALLEY MILLS USGS 7 1/2' MARIETTA 15'

SURFACE OWNER EUGENE MAYO ACREAGE 10

OIL & GAS ROYALTY OWNER SAME LEASE ACREAGE 10

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 \_\_\_\_\_

APR 23 1984

TARGET FORMATION COW RUN ESTIMATED DEPTH 1300'

WELL OPERATOR ENERGEX CORP. DESIGNATED AGENT B. H. THOMAS

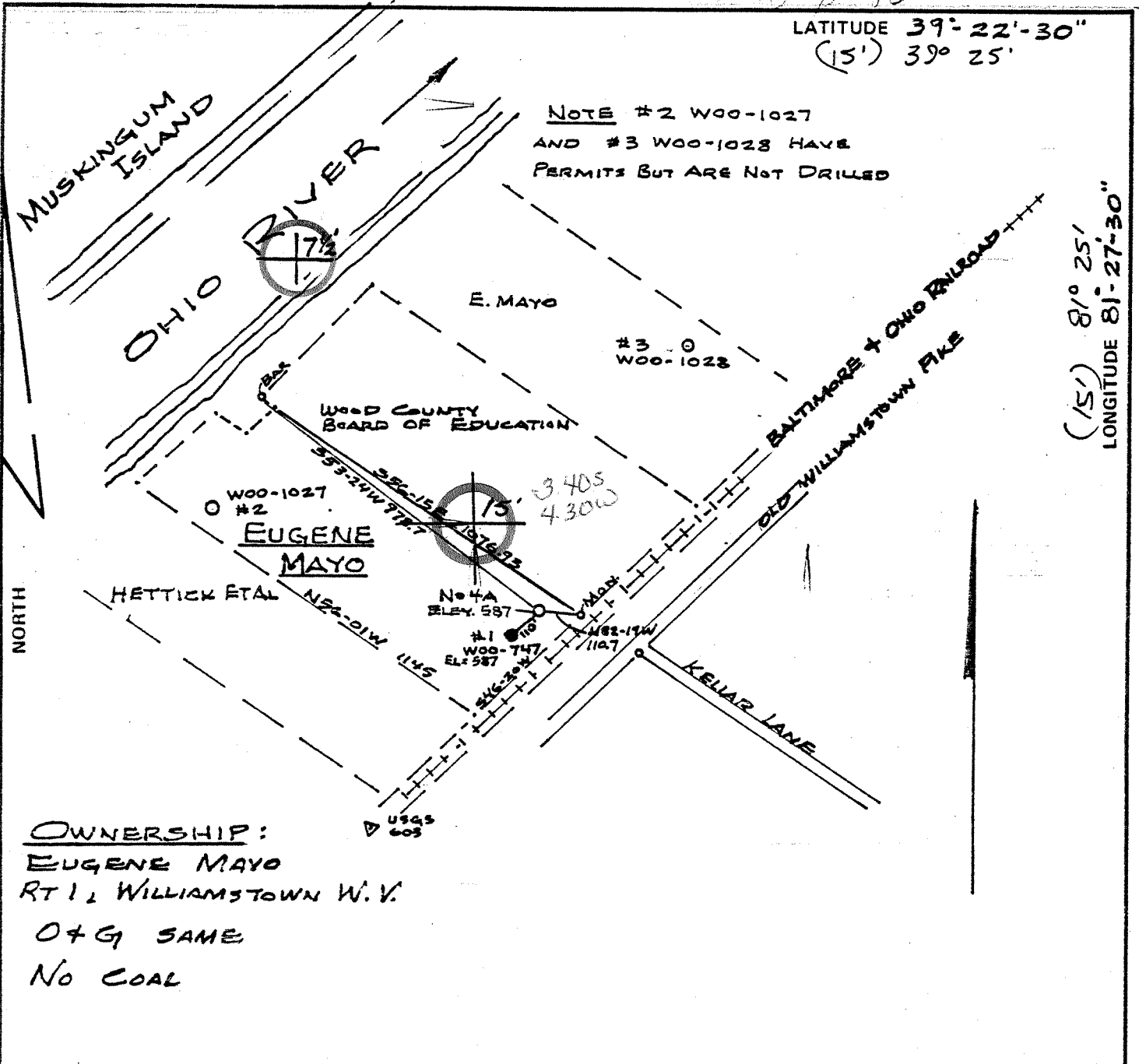
ADDRESS P.O. Box 1365 ADDRESS 225 4TH ST.

PARKERSBURG, W.V. 26101

PARKERSBURG, W.V. 26101

12-10-8-80

LATITUDE 39°-22'-30"  
(15') 39° 25'



NOTE #2 W00-1027  
AND #3 W00-1028 HAVE  
PERMITS BUT ARE NOT DRILLED

(15') 81° 25'  
LONGITUDE 81°-27'-30"

OWNERSHIP:

EUGENE MAYO  
RT 1, WILLIAMSTOWN W.V.  
O & G SAME  
NO COAL

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
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MINIMUM DEGREE OF  
ACCURACY 1 IN 200  
PROVEN SOURCE OF  
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LATIONS ISSUED AND PRESCRIBED BY THE DEPART-  
MENT OF MINES

(SIGNED) David R. Boice  
R.P.E. \_\_\_\_\_ L.L.S. # 667

PLACE SEAL HERE

(+) DENOTES LOCATION OF  
WELL ON UNITED STATES  
TOPOGRAPHIC MAPS

FORM IV-6  
(8-78)



DATE \_\_\_\_\_, 19\_\_\_\_  
OPERATOR'S WELL NO. \_\_\_\_\_  
API WELL NO. \_\_\_\_\_  
47 - 107 - 1123  
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
(IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
LOCATION: ELEVATION 587 WATER SHED OHIO RIVER  
DISTRICT WILLIAMS COUNTY WOOD  
QUADRANGLE VALLEY MILLS USGS 7 1/2 MARIETTA 15' WC  
SURFACE OWNER EUGENE MAYO ACREAGE 10  
OIL & GAS ROYALTY OWNER SAME LEASE ACREAGE 10

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 COW RUN ESTIMATED DEPTH 1300'  
WELL OPERATOR ENERGEX CORP. DESIGNATED AGENT B. H. THOMAS  
ADDRESS P.O. Box 1365 ADDRESS 225 4TH ST.  
FERRERSBURG, W.V. 26101 FERRERSBURG, W.V. 26101

JAN 26 1981

RECEIVED  
DEC 31 1980



RECEIVED  
OCT - 7 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 9/25/80  
Company ENERGEX CORPORATION  
Address 225 Fourth Street, Pkg., WV 26  
Farm MAYO A Acres 10  
Location (waters) Ohio River  
Well No. 4 Elevation 612  
District Williams County Wood  
Quadrangle Valley Mills

Surface Owner EUGENE MAYO  
Address Rt. #1, Williamstown, WV26187  
Mineral Owner Same  
Address \_\_\_\_\_  
Coal Owner Same  
Address \_\_\_\_\_  
Coal Operator Same  
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 8-31-81.

INSPECTOR  
TO BE NOTIFIED Paul Goodnight  
ADDRESS Smithville, WV  
PHONE 477-3660

*J. J. Murphy*  
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 20 19 76 by Eugene Mayo Et ux made to Associated Minerals, Inc and recorded on the 22nd day of April 19 76 in Wood County, Book 667 Page 620  
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.

Very truly yours, Energex Corp.  
(Sign Name) Jim Allen, Agent  
Well Operator

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

225 Fourth Street  
Street  
Parkersburg,  
City or Town  
W. Va. 26101  
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

47-107-1123

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 XX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME PAUL DRILLING CORPORATION NAME B. H. Thomas  
 ADDRESS 225 4th St., Parkersburg, WV ADDRESS 225 4th St., Parkersburg, WV  
 TELEPHONE 424-7300 TELEPHONE 422-5418  
 ESTIMATED DEPTH OF COMPLETED WELL: 1300' ROTARY XX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Cowrun  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS \_\_\_\_\_ COMB. XX STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT LIFT UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	200'	200'	Circ. to Surf.
7			
5 1/2			
4 1/2		1300'	<sup>130</sup> 75 Sks. as per spec.
3			Perf. Top <i>by rule 15.01</i>
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS \_\_\_\_\_ FEET SALT WATER \_\_\_\_\_ FEET  
 APPROXIMATE COAL DEPTHS \_\_\_\_\_  
 IS COAL BEING MINED IN THE AREA? \_\_\_\_\_ 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