

6-22

10/26/79 R

Latitude 39° 25' 00"

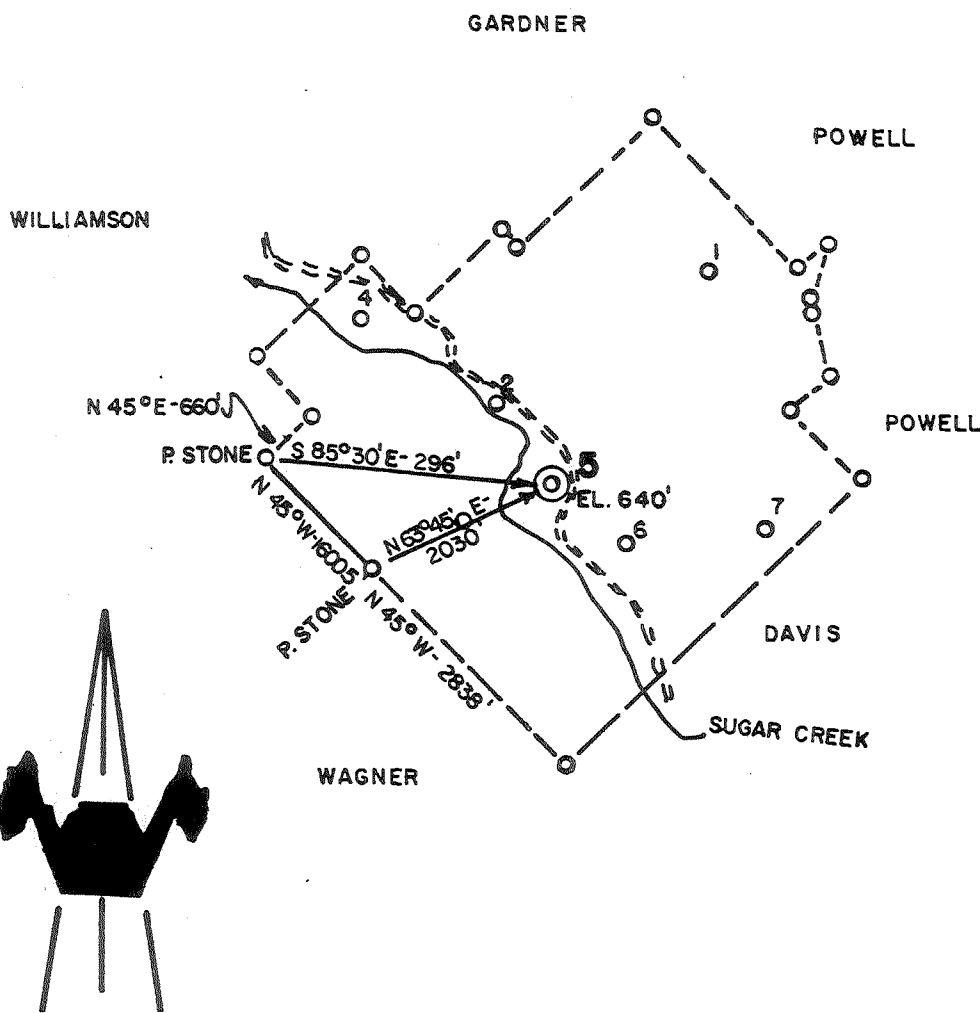
6020' SOUTH

7980' WEST

15'

7 1/2'

Longitude 81° 00' 30" 81° 02' 30" 81° 04' 30"



ACCURACY: 1"/200'

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill
- Other

Formation GORDON

Est. Depth 2400'

Oil   
Gas   
Other

Source of Elevation SHAWNEE RD. INT. W/ SUG. CRK. RD. 653'

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

*Chet Waterman*

Company PETROLEUM INC. L & M OIL COMPANY  
 Address MARIETTA, OH  
 Surface Owner WESTVACO  
 Mineral Owner L.C. WAGNER

Well No. 5 Acres 504.29  
 Elevation 640'  
 Quadrangle ST. MARYS BENS RUN Series 7.5'  
 County PLEASANTS District UNION  
 Date 10/10/79 Scale 1" = 2000'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP

47 - 073 - 0861 CANCELLED

STATE COUNTY PERMIT

FORMERLY 073-0805

+ Denotes location of well on United States Topographic Maps.

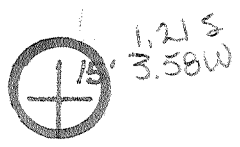
Engineer CHET WATERMAN

JUN 21 1983

Engineer's Registration No. 3788 File No. 79-724

Latitude 39° 25' 00"

6020' SOUTH  
7980' WEST



Longitude 81° 02' 30"

GARDNER

POWELL

WILLIAMSON

POWELL

DAVIS

WAGNER

SUGAR CREEK

N 45° E - 660'

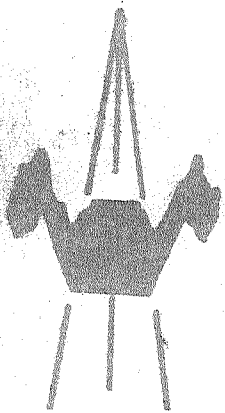
P. STONE S 85° 30' E - 296'

N 45° W - 1005'

N 65° 45' E - 2030'

P. STONE N 45° W - 2839'

Elev. 640'



ACCURACY: 1" / 200'

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill
- Other

Formation GORDON

Est. Depth 2400'

- Oil
- Gas
- Other

Source of Elevation SHAWNEE FO. INT. W/ SUB. CRK. RD. 253'

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

*Chet Waterman*

Company PETROLEUM INC.  
L & M OIL COMPANY

Address MARIETTA, OH

Surface Owner WESTVACO

Mineral Owner L.C. WAGNER

Well No. 5 Acres 504.29

Elevation 640'

Quadrangle ST. ALBANS Series 7.5 EC

County PLEASANTS District UNION

Date 10/10/79 Scale 1" = 2000'

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

WELL LOCATION MAP

47 - 073 - 0861

STATE COUNTY PERMIT

**FORMERLY 073-0805**

+ Denotes location of well on United States Topographic Maps.  
Engineer CHET WATERMAN

Engineer's Registration No. 3788 File No. 79-724



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

MAY - 7 1980

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Uastvaco  
Address St. Marys, WV  
Mineral Owner L.C. Wagner  
Address \_\_\_\_\_  
Coal Owner Same  
Address \_\_\_\_\_  
Coal Operator None  
Address \_\_\_\_\_

DATE May 6, 1980  
PETROLEUM  
Company L & M Oil Company  
Address Rt. #1, Box 18-B, Marietta, OH  
Farm L.C. Wagner Acres 504.29  
Location (waters) Sugar Creek  
Well No. 5 Elevation 640'  
District Union County Pleasants  
Quadrangle Bans Run

PERMIT MUST BE POSTED AT THE WELL SITE

provisions being in accordance with Chapter 22,  
W. Va. Code, the location is hereby approved  
drilling. This permit shall expire if  
operations have not commenced by 1-13-81

Robert H. [Signature]  
Deputy Director - Oil & Gas Division

INSPECTOR  
TO BE NOTIFIED Phil Tracy  
ADDRESS ~~XXXXXXXXXXXXXXXXXXXX~~ ALMA, W.Va.  
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 11/2 1977 by L.C. Wagner made to J.E. Olds and recorded on the 15 day of Nov. 1977, in Pleasants County, Book 148 Page 528, 529

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, L & M Oil Company  
(Sign Name) Phillip C. Hunter  
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

Phillip C. Hunter  
Street  
Rt. #1, Box 18-B  
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

(Formerly: PLEAS-805)

47-073-0861 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: \_\_\_\_\_  
 NAME \_\_\_\_\_ NAME Richard Hudson  
 ADDRESS \_\_\_\_\_ ADDRESS Parkersburg, WV  
 TELEPHONE \_\_\_\_\_ TELEPHONE 1-304-424-0876  
 ESTIMATED DEPTH OF COMPLETED WELL: 2800' ROTARY  CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Gordon  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS \_\_\_\_\_ COMB  STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT CHUTE 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 1500 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