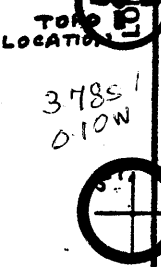
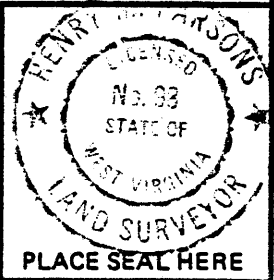


- A POINT IN ROAD
- AB N73°W 627
- B W.OAK
- B-C S7°W 627
- C STONE ON CREEK BANK
- C-D S32°E 99
- D STONE ON CREEK BANK
- D-E N57°W 429
- E WHITE WALNUT
- E-G NORTH 495
- F SET R.R. SPIKE IN FENCE LINE
- F-H N 36°01'E 935.94
- G-H N 49°11'E 683.84
- I-H N 75°43'E 650.05
- G EXISTING 2" PIPE AND W.O. STUMP
- F-G N 6°02'E 311.81
- G-I N 21°25'W 307.82
- I SET R.R. SPIKE IN FENCE LINE
- G-J N 29°W 2574
- J POPLAR
- J-K N 82°E 1122
- K COAK & GUM
- K-L S 27°E 2739
- L STONE
- L-M S 37°W 330
- M POINT IN ROAD
- M-A S 77°W 132



FILE NO. 79-5453  
 DRAWING NO. 79-5453-I  
 SCALE 1 TO 1000  
 MINIMUM DEGREE OF ACCURACY 1 IN 2500  
 PROVEN SOURCE OF ELEVATION B.M. 732 NEAR FREELAND RUN ON MIDDLEBOURNE, WVA. TOPO MAP

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) Henry M. Parsons  
 R.P.E. \_\_\_\_\_ L.L.S. 98



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE DEC. 18, 1980  
 OPERATOR'S WELL NO. ASH #1  
 API WELL NO. 095-  
47-TYLER-0888  
 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 852 1/2 WATER SHED SANCHO CREEK  
 DISTRICT MEADE COUNTY TYLER  
 QUADRANGLE MIDDLEBOURNE, W.VA. West Union 15' NW  
 SURFACE OWNER GATHA ASH ACREAGE (73 ACRES) 20 ACRE DRILLING UNIT  
 OIL & GAS ROYALTY OWNER GATHA ASH LEASE ACREAGE 131.68 ACRES  
 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 FIFTH SAND ESTIMATED DEPTH 3500  
 WELL OPERATOR W.J. LYDIC DESIGNATED AGENT GLENN Mc QUATE  
 ADDRESS 411 WOODLAWN AVE ADDRESS 1403 9TH ST.  
ZANESVILLE, OHIO 43701 VIENNA, W.VA.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

Rotary  Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ Air \_\_\_\_\_  
(Kind)

Quadrangle \_\_\_\_\_  
Permit No. 0888

Company W. J. Lydic, Incorporated  
Address P.O. Box 2310 Zanes, Ohio 43701  
Farm Ash Acres 131.68  
Location (waters) Sancho Creek  
Well No. #1 Elev. 852  
District Meade County Tyler  
The surface of tract is owned in fee by Gatha Ash

Address Rt. #1 Middlebourne W. Va.  
Mineral rights are owned by same 26149  
Address \_\_\_\_\_

Drilling Commenced 2-26-81  
Drilling Completed 3-2-81  
Initial open flow 50,000 cu. ft. 1 bbls.  
Final production \_\_\_\_\_ cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test \_\_\_\_\_ RP.  
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8			
7	1238	All	165 sks
5 1/2			
4 1/2	3450	All	260 sks
3			
2			
Liners Used			

Attach copy of cementing record. 1500

115,00 Gal H2O 450 sks 20/40 Sand 80 Gal Pen 5  
50000# kcl 10 Gal Cla-Sta 13 50# HLXF-286 200 # Calcium Chloride  
625,000 SCF Treatment 28,000 SCF Cooldown (Breakdown) 500 Gal Fe-Acid  
1/2 Gal HAI-50 Breakdown 1700# Average Treatment Pressure 2550#  
Shut in 1860# Rate 7 6/10 BPM

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet  
Producing Sand Devonian: Berea Depth 2164, 2189, 2229m 2246, 232  
2330 26 shots overall

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
1st Cow Run			533	558		
2nd Cow Run			640	682		
Little Dunkard			984	1006		
Big Dunkard			1040	1044		
Gas Sand			1128	1226		
1st Salt Sand			1320	1363		
2nd Salt Sand			1386	1437		
3rd Salt Sand			1507	1572		
Maxon			1645	1692		
Greenbrier- Big Lime			1710	1801		
Keener clear white loose			1801	1828		
Big Injun White Med. hard			1828	1964		
Weir			2158	2254		
were not properly caught. They contain mostly tan						The samples from 2130-228 limestone and gray shale. Questionable whether samp were properly caught.
Berea Gray silty			2326	2330		
Gordon White hard gray in part			2753	2764		
Warren Light gray hard,			3290	3335		No flour
Devonian Shale Lt. gray ✓			3335	T.D.		

OCT 08 1981



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

DEC 23 1980

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Gatha Ash  
Address Rt 1, Middlebourne, W. Va.  
Mineral Owner Same as above  
Address Same as above  
Coal Owner Same as above  
Address Same as above  
Coal Operator None  
Address \_\_\_\_\_

DATE December 22, 1980  
Company W. J. Lydic, Inc.  
Address P.O. Box 2310, Zanesville, Ohio  
Farm Gatha Ash Acres 131.68  
Location (waters) \_\_\_\_\_  
Well No. 1 Elevation \_\_\_\_\_  
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 8-31-81.

INSPECTOR  
TO BE NOTIFIED Phillip Lee Tracy  
ADDRESS Box 173, Middlebourne, W. Va.  
PHONE 758-4573

J. G. Murray  
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 18 1979 by Gatha Ash made to W. J. Lydic, Inc. and recorded on the 9th day of May 1979 in Tyler County, Book 219 Page 155  
 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

Very truly yours, W. J. LYDIC, INC.  
(Sign Name) James C. Lydic vice President  
Well Operator  
P. O. Box 2310, Zanesville, Ohio  
Street  
Zanesville  
City or Town  
Ohio  
State

Address  
of  
Well Operator

\*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

47-095-0888

PERMIT NUMBER

