

Note: Co-ord. are oriented with Consolidated Coal Coord.

MINIMUM ERROR OF CLOSURE 1 IN 2500  
 SOURCE OF ELEVATION U.S.G.S. B.M. NO. W129, ELEV. 1310'

New Location   
 Drill Deeper   
 Abandonment

"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."

Company WEIRTON STEEL  
 Address WEIRTON W.VA  
 Farm FLORENCE V. JONES  
 Tract \_\_\_\_\_ Acres 123.20 Lease No. \_\_\_\_\_  
 Well (Farm) No. \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1261'  
 Quadrangle CAMERON NC  
MAJORSVILLE QUAD. 7.5'  
 County MARSHALL District SAND HILL  
 SURVEYOR  
 Engineer CHARLES V. ELLER, Charles V. Eller  
 Engineer's Registration No. 39 WVA SURVEYOR  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date MAY 15, 1977 Scale 1" = 400'

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

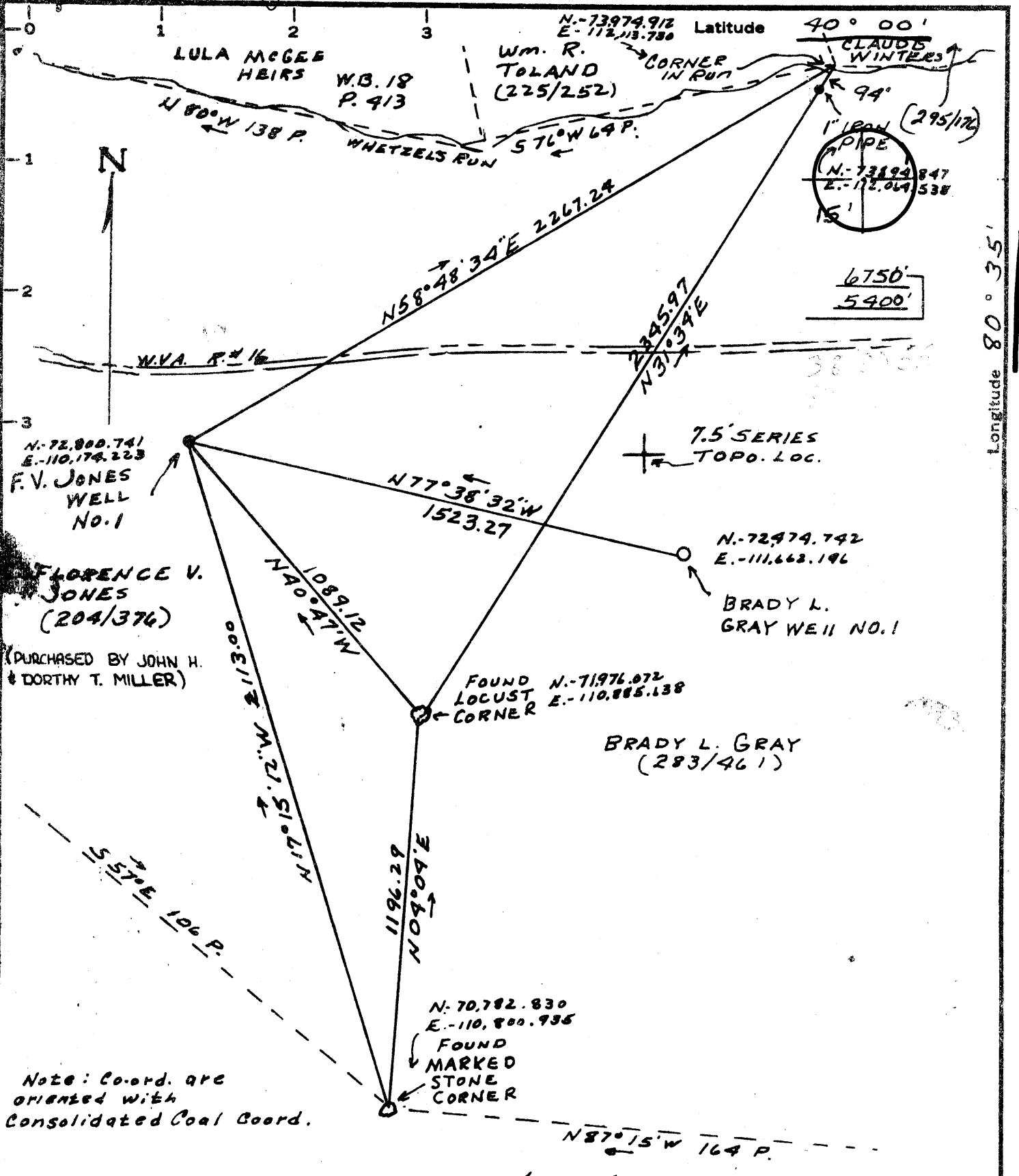
WELL LOCATION MAP  
 FILE NO. MARS-655  
DRILLING CANCELED

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

47-051

MAR 10 1980



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 Quadrangle MAJORSVILLE QUAD. 7.5'  
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 CHARLESTON

WELL LOCATION MAP  
 FILE NO. MARS-655  
051

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47-051 SEP 11 1978



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

AUG 17 1978

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 June 27, 1978

Surface Owner John H. Miller etux  
Address RT #3, Wheeling, W VA 26003  
Mineral Owner Same as above  
Address \_\_\_\_\_  
Coal Owner Consolidated Coal  
Address Moundsville, W VA  
Coal Operator NONE  
Address John H. & Dorthy T. Miller

Company Weirton Steel CO.  
Address Weirton, W VA  
Farm Florence V. Jones Acres 123.20  
Location (waters) Wheeling Creek  
Well No. #1 Elevation 1261  
District Sandhill County Marshall  
Quadrangle Majorsville

Transaction Recorded for Miller:

THIS PERMIT MUST BE POSTED AT THE WELL SITE

(formerly Florence Jones, Owner)  
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 12-23-78

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

Robert S. Bell  
Deputy Director, Oil & Gas Division

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 <sup>assignment</sup> ~~lease~~ dated October 13, 1976 by Appalachian Exploration, INC made to Weirton Steel and recorded on the 24th day of June 1977, in Marshall County, Book 460 Page 344 thru 350

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,  
Appalachian Exploration, Inc.  
(Sign Name) William E. Carpenter  
Well Operator  
William E. Carpenter, Exploration Mgr  
RT #1, Box 26A  
Street  
Port Washington, OH 43837  
City or Town  
OHIO  
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 recording 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

"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 William E. Carpenter

MARS-655 PERMIT NUMBER

47-051

**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) \_\_\_\_\_ DESIGN/AGENT \_\_\_\_\_  
 NAME \_\_\_\_\_ NAME Gene Haney (Geological Consultant)  
 ADDRESS \_\_\_\_\_ ADDRESS Kanawha Valley Bldg., Charleston, WVA  
 TELEPHONE \_\_\_\_\_ TELEPHONE 344-9864 (Office) 342-5494 (Res.)  
 ESTIMATED DEPTH OF COMPLETED WELL: 3300 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	825'	825	to surface
7			
5 1/2			
4 1/2	3300'	3300'	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 25'-50' FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS 775' \_\_\_\_\_  
 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 CONSOLIDATED 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 CONSOLIDATED 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.

Edward C. Mack  
For Coal Company  
MINE ENGINEER  
Official Title