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

WELL LOCATION MAP
FILE NO. MARS-657
DRILLING CANCELED

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

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

47 - 051

State & City 47, 051
Devolion County 47, 051

Company WELBURN STEEL
Address WELBURN W.V.

Claude K. WINTERS

CLAUDE K. WINTERS
(215/176)

ARTHUR A. TOLAND
(324/271)

BRADY L. GRAY
(283/461)

NOTE: COORD. ARE ORIENTED WITH CONSOLIDATED WELD COORD.

MINIMUM ERROR OF CLOSURE 1 IN 2500

SOURCE OF ELEVATION U.S.G.S. G.M. NO. W/24, ELEV. 1310

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Address WELBURN W.V.

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47-051 SEP 11 1976
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner: Claude K. Winters
Address: RD #3, Elm Grove, W. VA. 26003
Mineral Owner: SAME
Address: SAME
Coal Owner: Consolidated Coal Co.
Address: Moundsville, W. VA
Coal Operator: NONE

DATE________________________
Company: Weirton Steel Co.
Address: Weirton, W. VA
Farm: Claude K. Winters
Acres: 92.92
Location (wells): Wheeling Creek
Well No: #1
Elevation: 1277'
District: Sandhill
County: Marshall
Quadrangle: Majorsville

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

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 12-23-78.

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
assignment October 13, 1976 by Appalachian Exploration, Inc., made to Weirton Steel Co. and recorded on the 24th day of June
1977, in Marshall County, Book 460 Page 344350.
X REDRILL FRACTURE OR STIMULATE
X 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
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,
Appalachian Exploration, Inc.
(Sign Name) William E. Carpenter, Exploration Mgr.
Address of Well Operator Port Washington, OH 43837

STATE OF OHIO

*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 operators 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 operators 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."

MARS-657 PERMIT NUMBER
47-051

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)
NAME ___________________________
ADDRESS _________________________
TELEPHONE _________________________

RESPONSIBLE AGENT:
NAME Gene Haney (Geological Consultant)
ADDRESS Kanawha Valley Bldg., Charleston, WVA
TELEPHONE 344-9864 (office) 342-5494 (Res.)

ESTIMATED DEPTH OF COMPLETED WELL: ___________ 3300' ___________

PROPOSED GEOLOGICAL FORMATION: ___________ Devonian Shale ___________

TYPE OF WELL: ___________ OIL ______ GAS ______ X COMB. ______ STORAGE ______ DISPOSAL ______ RECYCLING ______ WATER FLOOD ______ OTHER ______

TENTATIVE CASING PROGRAM:

<table>
<thead>
<tr>
<th>CASING AND TUBING SIZE</th>
<th>USED FOR DRILLING</th>
<th>LEFT IN WELL</th>
<th>CEMENT FILL UP OR SACKS - CUBIC FT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 - 16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13 - 10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9 - 5/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 - 5/8</td>
<td></td>
<td>825'</td>
<td>to surface</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>825'</td>
<td></td>
</tr>
<tr>
<td>5 1/2</td>
<td></td>
<td>3300'</td>
<td>Perf. Ton</td>
</tr>
<tr>
<td>4 1/2</td>
<td></td>
<td>3300'</td>
<td>Perf. Bottom</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td>Perf. Top</td>
</tr>
<tr>
<td>Liners</td>
<td></td>
<td></td>
<td>Perf. Bottom</td>
</tr>
</tbody>
</table>

APPROXIMATE FRESH WATER DEPTHS: 25'-25' FEET SALT WATER FEET
APPROXIMATE COAL DEPTHS: 775' FT.

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 work 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.

[Signature]
For Coal Company

MINE SUPERVISOR
Official Title