



Minimum Error of Closure 1' in 200'

Source of Elevation B.M. - Road Junction Big Run 7 1/2' Topo - Elev. 831'

"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."

New Location   
Drill Deeper   
Abandonment

Map Sheet 39 N-7 E-3

F.B. 1743 Pg. 30-38

Company Consolidated Gas Supply Corporation  
 Address Clarksburg, West Virginia  
 Farm Mills Wetzel Lands Inc  
 Tract \_\_\_\_\_ Acres 1000 Lease No. 81251  
 Well (Farm) No. \_\_\_\_\_ Serial No. 11971A  
 Elevation (Spirit Level) 249' 10 1/4 215' 1/2 SC Topo  
 Quadrangle Big Run 7 1/2'; Little ton 15'  
 County Wetzel District Grant  
 Engineer Jackson M. Jarvis  
 Engineer's Registration No. 2397  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date May 15, 1975 Scale 1" = 1320'

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

WELL LOCATION MAP  
FILE NO. WET-604

+ 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.

47-103 OCT 28 1975

b-b Big Run - Burchfield (45)

6900



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JAN 12 1978

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle LITTLETON

Permit No. WET-604

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

Company Consolidated Gas Supply Corporation  
Address Clarksburg, W. Va.  
Farm Mills Wetzel Lands Acres 1000  
Location (waters) Richwood Run 1049' 75'  
Well No. 11971 Elev. 949' <sup>topo.</sup>  
District Grant County Wetzel

The surface of tract is owned in fee by \_\_\_\_\_

Address \_\_\_\_\_

Mineral rights are owned by \_\_\_\_\_

Address \_\_\_\_\_

Drilling Commenced 12-1-75

Drilling Completed 2-11-76

Initial open flow Show cu. ft. \_\_\_\_\_ bbls.

Final production 198 M cu. ft. per day \_\_\_\_\_ bbls.

Well open 4 hrs. before test 840# RP.

| Casing and Tubing          | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
|----------------------------|------------------|--------------|-------------------------------|
| Size 20-16                 |                  |              |                               |
| Cond. <del>18-10</del> 11" | 20'              | 20'          | To surface                    |
| 9 5/8                      |                  |              |                               |
| 8 5/8                      | 823'             | 823'         | To surface                    |
| 7                          |                  |              |                               |
| 5 1/2                      |                  |              |                               |
| 4 1/2                      | 3280'            | 3280'        | 125 Bags                      |
| 3                          |                  |              |                               |
| 2                          |                  |              |                               |
| Liners Used                |                  |              |                               |

Well treatment details:

Attach copy of cementing record.

Well treated with 600 bbl water, 50,000# sand and 750 gal 15% acid

Perforations: 2806-2821' with 19 holes *P.I. card perf set @ 2807 to 2822*

Treated in Bayard with 500 bbl water, 50,000# sand and 500 gal 15% acid

Perforations: 3116-3127' with 21 holes *P.I. card perf set @ 3116 to 3126*

Coal was encountered at 715' Feet 48" Inches

Fresh water 65' Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_

Producing Sand Gordon & Bayard Depth See log

| Formation    | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|--------------|-------|--------------|----------|-------------|-------------------|-----------|
| Sand & Shale |       |              | 0        | 715         | Water             | 65' Fresh |
| Coal         |       |              | 715      | 719         |                   |           |
| Sand & Shale |       |              | 719      | 1925        |                   |           |
| Little Lime  |       |              | 1925     | 1940        |                   |           |
| Shale        |       |              | 1940     | 1950        |                   |           |
| Big Lime     |       |              | 1950     | 2100        |                   |           |
| Big Injun    |       |              | 2100     | 2220        |                   |           |
| Shale        |       |              | 2220     | 2775        |                   |           |
| Gordon Sand  |       |              | 2775     | 2875        | Gas               | 2806-21'  |
| Shale        |       |              | 2875     | 3100        |                   |           |
| Bayard Sand  |       |              | 3100     | 3200        | Gas               | 3116-27'  |
| Total Depth  |       |              |          | 3201'       |                   |           |

*Handwritten notes:*  
910  
300  
1978  
949  
200

~~XXXXXXXXXXXXXXXXXXXX~~  
Consolidated Gas Supply Corporation  
415 West Main Street  
Clarksburg, W. Va.

KBM 4' above G.L.

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE October 17, 1975

Surface Owner Costal Lumber Co. Company Consolidated Gas Supply Corporation  
 Address Box 8, Dailey, W. Va. Address Clarksburg, W. Va.  
 Mineral Owner Mills Wetzel Lands, Inc. Farm Mills Wetzel Lands, Inc. Acres 1000  
 Address Elston Bank & Trust, Crawfordville, Ind. Location (waters) Richwood Run  
 Coal Owner No operations in area Well No. 11971 Elevation 949'  
 Address \_\_\_\_\_ District Grant County Wetzel  
 Coal Operator Actually not known Quadrangle LITTLETON  
 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 2-20-76.

[Signature]  
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Donald Conners  
PH: 428-8172 ADDRESS Mineral Wells, W. Va.

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 8-2-71 19   by Mills Wetzel Lands, Inc. made to Consolidated Gas Supply and recorded on the 19th day of November 1971, in Wetzel County, Book 524 Page 421

~~XXXX~~ 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 same 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, W. Va. 26505  
AC 304-296-4461

Very truly yours,  
(Sign Name) [Signature] Manager of Production  
Well Operator

Address of Well Operator Consolidated Gas Supply Corporation  
Street 1115 West Main Street  
City or Town \_\_\_\_\_  
Clarksburg, W. Va.  
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

**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 Spencer Enterprises NAME R. E. Bayne  
 ADDRESS West Union, W. Va. ADDRESS Bridgeport, W. Va.  
 TELEPHONE \_\_\_\_\_ TELEPHONE 623-3611  
 ESTIMATED DEPTH OF COMPLETED WELL: 3000' ROTARY xxxx CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Gordon  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS xxx COMB. \_\_\_\_\_ 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 <del>x10</del>      | 100'                         | 100'                         | To surface                          |
| 9 - 5/8                |                              |                              |                                     |
| 8 - 5/8                | <del>800'</del> <u>1072'</u> | <del>800'</del> <u>1072'</u> | To surface                          |
| 7                      |                              |                              |                                     |
| 5 1/2                  |                              |                              |                                     |
| 4 1/2                  | 3000'                        | 3000'                        |                                     |
| 3                      |                              |                              | Perf. Top                           |
| 2                      |                              |                              | Perf. Bottom                        |
| Liners                 |                              |                              | Perf. Top                           |
|                        |                              |                              | Perf. Bottom                        |

APPROXIMATE FRESH WATER DEPTHS 65' FEET \_\_\_\_\_ SALT WATER None FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS 1042' \_\_\_\_\_, \_\_\_\_\_ ???? \_\_\_\_\_  
 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