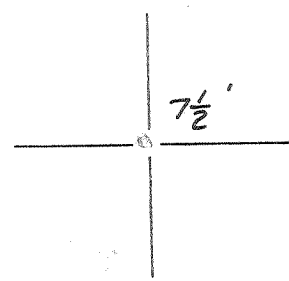


15'  
39 12 45  
80 25 50  
2.58 S  
0.75 W

13,650'  
(4,160.57 M)



Minimum Error of Closure 1' in 200'  
 Source of Elevation B.M. C.G.S.C. Well # 8173 EI.-1172'  
 "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 55 S17 E 10 F.B. 1838 Pg. 14-16 & 25-27

Company Consolidated Gas Supply Corporation  
 Address Clarksburg, W. Va.  
 Farm L. J. AYERS (John W. Fidler, Surf.), GERTRUDE UNDERWOOD  
 Tract Acres 125 Lease No. 52932  
 Well (Farm) No. 12313 Serial No. 12313  
 Elevation (Spirit Level) 1176' NW  
 Quadrangle West Milford, W. Va. 7 1/2 - 1961, WESTON 15'  
 County Harrison District Union  
 Engineer Michael S. Jensen  
 Engineer's Registration No. 5525  
 File No. 6 Drawing No. 6  
 Date 5-24-77 Scale 1" = 1000'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 FILE NO. HAR-1087

+ 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. 47-033 JUL 27 1977



RECEIVED

FEB - 6 1978

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

WELL RECORD

Quadrangle WESTON

Permit No. HAR-1087

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

|  |                      |                     |                 |                                  |
|--|----------------------|---------------------|-----------------|----------------------------------|
| Company <u>Consolidated Gas Supply Corporation</u>         | Casing and<br>Tubing | Used in<br>Drilling | Left<br>in Well | Cement fill up<br>Cu. ft. (Sks.) |
| Address <u>Clarksburg, W. Va.</u>                          |                      |                     |                 |                                  |
| Farm <u>L. J. Ayers</u> Acres <u>125</u>                   | Size                 |                     |                 |                                  |
| Location (waters) <u>Big Buffalo Creek</u>                 | 20-16                |                     |                 |                                  |
| Well No. <u>12313</u> Elev. <u>1176'</u>                   | Cond.                |                     |                 |                                  |
| District <u>Union</u> County <u>Harrison</u>               | <del>11"</del> 11"   | 20'                 | 20'             | To surface                       |
| The surface of tract is owned in fee by <u>John Fidler</u> | 9 5/8                |                     |                 |                                  |
| <u>Route #1, Box 191-A, Lost Creek, WV</u>                 | 8 5/8                | 987'                | 987'            | To surface                       |
| Address _____  | 7                    |                     |                 |                                  |
| Mineral rights are owned by <u>Gertrude Underwood</u>      | 5 1/2                |                     |                 |                                  |
| Address <u>Charleston, W. Va.</u>                          | 4 1/2                | 4438'               | 4438'           | 100 bags                         |
| Drilling Commenced <u>7-19-77</u>                          | 3                    |                     |                 |                                  |
| Drilling Completed <u>7-24-77</u>                          | 2                    |                     |                 |                                  |
| Initial open flow <u>No test</u> cu. ft. _____ bbls.       | Liners Used          |                     |                 |                                  |
| Final production <u>504 M</u> cu. ft. per day _____ bbls.  |                      |                     |                 |                                  |
| Well open <u>2</u> hrs. before test <u>1775#</u> RP.       |                      |                     |                 |                                  |

Well treatment details:

Attach copy of cementing record.

Fractured in Benson with 60,000# sand, 800 bbl water and 500 gal 15% acid

Perforations: 4320-4330' with 20 holes

Coal was encountered at 80' 280' 375' 710' Feet 60" 60" 36" 60" Inches  
Fresh water 90' Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_  
Producing Sand BENSON Depth 4320-30'

| Formation    | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks          |
|--------------|-------|--------------|----------|-------------|-------------------|--------------------|
| Sand & Shale |       |              | 0        | 80          |                   |                    |
| Coal         |       |              | 80       | 85          |                   |                    |
| Sand & Shale |       |              | 85       | 280         | Water             | 90' Fresh          |
| Coal         |       |              | 280      | 285         |                   |                    |
| Sand & Shale |       |              | 285      | 375         |                   |                    |
| Coal         |       |              | 375      | 378         |                   |                    |
| Sand & Shale |       |              | 378      | 710         |                   |                    |
| Coal         |       |              | 710      | 715         |                   |                    |
| Sand & Shale |       |              | 715      | 1350        |                   |                    |
| Little Lime  |       |              | 1350     | 1385        |                   |                    |
| Red Rock     |       |              | 1385     | 1410        |                   |                    |
| Big Lime     |       |              | 1410     | 1500        |                   |                    |
| Big Injun    |       |              | 1500     | 1566        |                   |                    |
| Berea        |       |              | 1789     | 1809        |                   |                    |
| 50' Sand     |       |              | 1809     | 1966        |                   |                    |
| 30' Sand     |       |              | 1996     | 2007        |                   |                    |
| Gordon       |       |              | 2050     | 2138        |                   |                    |
| Fifth Sand   |       |              | 2138     | 2327        |                   |                    |
| Bayard       |       |              | 2380     | 2407        | Gas               | 2727' 119 M        |
| Speechley    |       |              | 2885     | 3026        |                   |                    |
| Balltown     |       |              | 3146     | 3273        |                   |                    |
| Bradford     |       |              | 3621     | 3766        |                   |                    |
| Riley        |       |              | 4118     | 4233        |                   |                    |
| Benson       |       |              | 4318     | 4338        | Total Depth       | 4464' Gas 4313-38' |

KBM 11' above G.L.

(over)

\* Indicates Electric Log tops in the remarks section.

FEB 10 1978

CONSOLIDATED GAS SUPPLY CORPORATION



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

JUN 25 1977

DIVISION  
OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE June 23, 1977

Surface Owner John Fidler

Company Consolidated Gas Supply Corporation

Address Rt. 1, Box 191-A, Lost Creek, W. Va.

Address Clarksburg, W. Va.

Mineral Owner Gertrude Underwood

Farm L. J. Ayers Acres 125

Address 1586 Jackson Street, Charleston, WV

Location (waters) Big Buffalo Creek

Coal Owner None

Well No. 12313 Elevation 1176'

Address \_\_\_\_\_

District Union, County Harrison

Coal Operator None

Quadrangle WESTON

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 11-6-77.

INSPECTOR  
TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech Street, Clarksburg, W. Va.

PHONE 622-3871

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 12-21-09 19     by L. J. Ayers made to Consol. Gas Sply Corp. and recorded on the 18th day of February 1977 in Harrison County, Book 193 Page 441

~~XXXXX~~ 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,  
(Sign Name) A. E. Payne Manager of Prod.  
Well Operator

Consolidated Gas Supply Corporation  
Street  
445 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

HAR-1087 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-6 and will carry out the specified requirements."

47-033

Signed by A. E. Payne

THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XXX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME S. W. Jack Drilling Company NAME R. E. Bayne  
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.  
 TELEPHONE --- TELEPHONE 623-3611  
 ESTIMATED DEPTH OF COMPLETED WELL: 4435' ROTARY XXX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Benson  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS XX 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                    |                   |              |                                     |
| <del>XXXX</del> <u>11"</u> | <u>30'</u>        | <u>30'</u>   | <u>To surface</u>                   |
| 9 - 5/8                    |                   |              |                                     |
| 8 - 5/8                    | <u>1000'</u>      | <u>1000'</u> | <u>To surface</u>                   |
| 7                          |                   |              |                                     |
| 5 1/2                      |                   |              |                                     |
| 4 1/2                      | <u>4435'</u>      | <u>4435'</u> | <u>125 Bags</u>                     |
| 3                          |                   |              |                                     |
| 2                          |                   |              | <u>Perf. Top</u>                    |
| Liners                     |                   |              | <u>Perf. Bottom</u>                 |
|                            |                   |              | <u>Perf. Top</u>                    |
|                            |                   |              | <u>Perf. Bottom</u>                 |

APPROXIMATE FRESH WATER DEPTHS 95' FEET \_\_\_\_\_ SALT WATER None 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