



Company Columbia Gas Transmission  
 Address CHARLESTON, W.VA.  
 Farm MOHLER LUMBER CO.  
 Tract Acres 3576 Lease No. 8  
 Well (Farm) No. 7 Serial No. 4674  
 Quadrangle MADISON  
 County LINCOLN  
 District WASHINGTON  
 Engineer G. A. Cunningham  
 Engineer's Registration No. 659  
 File No. 48-47 Drawing No. \_\_\_\_\_  
 Date JULY 23, 1936 Scale 1" = 1320'

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

WELL LOCATION MAP  
 FILE NO. LIN-181-P

+ 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.

SEP 22 1981

47-043

Julian Madison (236) DEEP WELL

Mohler Lumber Company No. 4674 Well.

Washington District, Lincoln County, W. Va.  
 By United Fuel Gas Company.  
 Permit No. Lin-181. (Not shown on map).  
 Elevation, 1005' L.  
 337 M. cu. ft. gas; R. P., 390 lbs.  
 Located 4.32 mi. S. of 38° 15' and 2.05 mi. W. of 81° 50'—NC—Madison  
 Quadrangle.  
 On N.+ side of Ivy Creek.  
 1.6 mi. N. W. of Pinnacle.

|                       | Top. | Bottom. | Thickness. | Elevation (top) |
|-----------------------|------|---------|------------|-----------------|
| Big Lime -----        | 1673 | 1885    | 212        | — 668           |
| Big Injun Sand-----   | 1885 | 1915    | 30         | — 880           |
| Berea Sand -----      | 2356 | 2379    | 23         | —1351           |
| Corniferous Lime----- | 4570 | 4572    | 2+         | —3565           |

Thickness, Devonian Shales, 2191 feet. Total depth, 4572'.  
 Remarks: Completed March 15, 1937. Shot at 3180'.  
 Fresh water, 355' and 784'. Salt water, 912'.  
 Berea gas, 2361-65'. Shale gas, 3184-90', 3210-14', 3332-35', 3600-05',  
 3777-79', and 4100-03'.  
 Location received too late to go on map.  
 On 3576 acres.

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL RECORD

Permit No. Lin-181

Gas Well

Madison Quad. - NC

Company - United Fuel Gas Company

CASING & TUBING

Address - Charleston, West Va.

Farm - Mohler Lumber Company

8 1/4 709'8"

Location - Ivy Creek

6-5/8 1718'6"

Well No. - 4674. Elev. 1005

3 2392

District - Washington. County- Lincoln

Surface & Mineral - Mohler Lumber Company

PACKER

Drilling - Commenced- 12-4-36

Kind - Hook Wall

Completed- 3-15-37

Size - 3x6-5/8

Date Shot - 3-10-37. Depth- 3180

Depth- 2373

Open Flow - 337,000 cu. ft.

rock Press.- 390 lbs. 24 hrs.

Coal was encountered at 182'48"; 278'72"  
347'72" 670'48"

Oil -

Fresh Water- 355' 784'

Salt Water - 912'

4.325 of 38° 15'  
2.05 W of 81° 50'

Formation Color <sup>Top</sup> Bottom Result Formation Color <sup>Top</sup> Bottom Result

|                     |  |      |      |                      |                           |  |      |      |
|---------------------|--|------|------|----------------------|---------------------------|--|------|------|
| Soil                |  | 0    | 10   |                      | Blue Slate                |  | 2725 | 3070 |
| Rock                |  | 10   | 12   |                      | Gray Slate                |  | 3070 | 3170 |
| Yellow Clay         |  | 12   | 25   |                      | Blue Slate                |  | 3170 | 3560 |
| Blue Mud            |  | 25   | 45   |                      | (Gas 3184-3190-3210-3214) |  |      |      |
| Sand                |  | 45   | 170  |                      | Brown Shale               |  | 3560 | 3600 |
| Blue Slate          |  | 170  | 182  |                      | (Gas 3332-3335)           |  |      |      |
| Coal                |  | 182  | 186  |                      | Slate & Shells            |  | 3600 | 3777 |
| Blue Slate          |  | 186  | 207  |                      | (Gas 3600-3605)           |  |      |      |
| Sand                |  | 207  | 226  |                      | Brown Shale               |  | 3777 | 3980 |
| Blue Slate          |  | 226  | 278  |                      | (Gas 3777-3779)           |  |      |      |
| Coal                |  | 278  | 284  |                      | White Shale               |  | 3980 | 4390 |
| White Slate         |  | 284  | 310  |                      | (Gas 4100)                |  |      |      |
| Sand                |  | 310  | 347  |                      | Brown Shale               |  | 4390 | 4470 |
| Coal                |  | 347  | 353  |                      | (Gas 4100-4103)           |  |      |      |
| Black Slate         |  | 353  | 360  | Water 355'           |                           |  |      |      |
| Sand                |  | 360  | 480  |                      | Slate Black               |  | 4470 | 4570 |
| Blue Slate          |  | 480  | 560  |                      | Corniferous Lime          |  | 4570 | 4572 |
| Sand                |  | 560  | 604  |                      |                           |  |      |      |
| Blue Slate          |  | 604  | 614  |                      | Total Depth               |  |      | 4572 |
| Lime                |  | 614  | 656  |                      | Steel Line Meas.          |  |      | 461  |
| White Slate         |  | 656  | 670  |                      |                           |  |      |      |
| Coal                |  | 670  | 674  |                      |                           |  |      |      |
| Slate & Shells      |  | 674  | 730  |                      |                           |  |      |      |
| Sand                |  | 730  | 775  |                      |                           |  |      |      |
| Slate & Lime Shells |  | 775  | 820  | Water 784            |                           |  | 4570 |      |
| Salt Sand           |  | 820  | 865  |                      |                           |  |      |      |
| Slate Broke         |  | 865  | 969  |                      |                           |  |      |      |
| Salt Sand           |  | 969  | 1032 | First Salt Water 912 |                           |  |      |      |
| Slate Broke         |  | 1032 | 1033 |                      |                           |  |      |      |
| Salt Sand           |  | 1033 | 1154 |                      |                           |  |      |      |
| Blue Slate          |  | 1154 | 1158 |                      |                           |  |      |      |
| Salt Sand           |  | 1158 | 1302 |                      |                           |  |      |      |
| Black Slate         |  | 1302 | 1306 |                      |                           |  |      |      |
| Salt Sand           |  | 1306 | 1330 |                      |                           |  |      |      |
| Black Slate         |  | 1330 | 1350 |                      |                           |  |      |      |
| Salt Sand           |  | 1350 | 1514 |                      |                           |  |      |      |
| Slate & Shells      |  | 1514 | 1577 |                      |                           |  |      |      |
| Lime                |  | 1577 | 1608 |                      |                           |  |      |      |
| Maxon Sand          |  | 1608 | 1637 |                      |                           |  |      |      |
| Little Lime         |  | 1637 | 1669 |                      |                           |  |      |      |
| Pencil Cave         |  | 1669 | 1673 |                      |                           |  |      |      |
| Big Lime            |  | 1673 | 1885 |                      |                           |  |      |      |
| Red Injun           |  | 1885 | 1915 |                      |                           |  |      |      |
| Blue Slate          |  | 1915 | 2004 |                      |                           |  |      |      |
| Lime                |  | 2004 | 2075 |                      |                           |  |      |      |
| Slate               |  | 2075 | 2356 |                      |                           |  |      |      |
| Berco Grit          |  | 2356 | 2379 | Gas 2361-2365        |                           |  |      |      |
| Slate & Lime Shells |  | 2379 | 2725 |                      |                           |  |      |      |

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

RECEIVED

NOV 12 1981

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT. ONE COPY TO OIL AND GAS DIVISION WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

Southern Appalachian Coal Co.  
COAL OPERATOR  
P. O. Box 255, Julian WV 25529  
ADDRESS  
Mohler Lumber Company  
COAL OPERATOR OR OWNER  
ADDRESS  
Columbia Gas Trans. Corp.  
LEASE OR PROPERTY OWNER  
P.O. Box 1273, Charleston, WV 25325  
ADDRESS

Columbia Gas Transmission Corp.  
NAME OF WELL OPERATOR  
P. O. Box 1273, Charleston, WV 25325  
COMPLETE ADDRESS  
August 28, 19 81  
WELL AND LOCATION  
Washington District  
Lincoln County  
Well No. 4674  
Mohler Lumber Company #7 Farm

STATE INSPECTOR SUPERVISING PLUGGING: Kenneth Butcher, RFD #1, Barboursville, WV

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Lincoln } ss:  
Lonnie Yeager

and Raymond E. Stowers

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Lloyd Jackson Well Service, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 15th day of October, 19 81, and that the well was plugged and filled in the following manner:

| SAND OR ZONE RECORD<br>FORMATION | FILLING MATERIAL               | XPLUGGINGX<br>SIZE & KIND          | CASING     |             |
|----------------------------------|--------------------------------|------------------------------------|------------|-------------|
|                                  |                                |                                    | CSS PULLED | CSS LEFT IN |
| Total depth                      | 4572'                          |                                    |            |             |
| Cavings to                       | 2400'                          | 3-1/2" Tubing                      | 2392'      | None        |
| Cement                           | 2400' - 2350'                  |                                    |            |             |
| Mud & Clay                       | 2350' - 1915'                  |                                    |            |             |
| Cement                           | 1915' - 1865'                  |                                    |            |             |
| Mud & Clay                       | 1865' - 1653'                  | 6-5/8" casing                      | 1718'      | None        |
| Cement                           | 1653' - 1603'                  |                                    |            |             |
| Mud & Clay                       | 1603' - 1544'                  |                                    |            |             |
| Cement                           | 1544' - 1494'                  |                                    |            |             |
| Mud & Clay                       | 1494' - 800'                   |                                    |            |             |
| Cement                           | 800' - 750'                    |                                    |            |             |
| Mud & Clay                       | 750' - 714'                    |                                    |            |             |
| Cement                           | 714' - 650'                    | 8-1/4" casing                      | 709'       | None        |
| Mud & Clay                       | 650' - 393'                    |                                    |            |             |
| Cement                           | 393' - 298'                    |                                    |            |             |
| Mud & Clay                       | 298' - 226'                    |                                    |            |             |
| Cement                           | 226' - 162'                    |                                    |            |             |
| Mud & Clay                       | 162' - 50'                     |                                    |            |             |
| Cement                           | 50' - 0'                       |                                    |            |             |
| COAL BEAMS                       |                                |                                    |            |             |
| (NAME)                           | Erected monument as prescribed | DESCRIPTION OF MONUMENT            |            |             |
| (NAME)                           | by Law.                        | 30" above surface with inscription |            |             |
| (NAME)                           |                                | "API No. 47-043-181-P - Abandoned  |            |             |
| (NAME)                           |                                | 11-4-81"                           |            |             |

and that the work of plugging and filling said well was completed on the 4th day of November, 19 81.

And further deponents saith not.

*Lonnie Yeager*  
*Raymond E. Stowers*

Sworn to and subscribed before me this 9th day of November, 1981.

My commission expires:  
August 11, 1985

*Robert M. Lamm*  
Notary Public.

Permit No. 47-043-0181-P