



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

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

None  
COAL OPERATOR OR COAL OWNER

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ADDRESS

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COAL OPERATOR OR COAL OWNER

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ADDRESS

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Maude Booten, Agt.  
OWNER OF MINERAL RIGHTS

---

Wayne, West Virginia  
ADDRESS

United Fuel Gas Co.  
NAME OF WELL OPERATOR

---

c/o G. H. Moore  
P.O. Box 1273, Charleston 25, W. Va.  
COMPLETE ADDRESS

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January 7, 19 49  
PROPOSED LOCATION

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Union District

---

Wayne County

---

Well No. 6496 39.20  
82.20

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H. B. Booten Farm

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~~ lease dated August 9, 1924, made by H. B. Booten, et ux, to Columbia Gas & Electric Co., and recorded on the 18th day of November, 1924, in the office of the County Clerk for said County in Book 6, page 299.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten\* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

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.

Very truly yours,

Address of Well Operator }

United Fuel Gas Co.  
WELL OPERATOR

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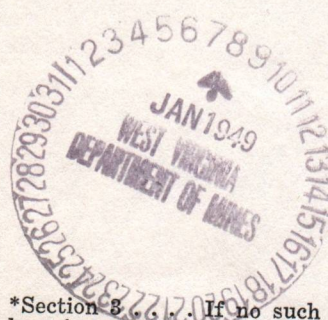
c/o G. H. Moore  
STREET

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P. O. Box 1273, Charleston 25, W. Va. 1/17/2023  
CITY OR TOWN

---

West Virginia  
STATE



\*Section 3... If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

| Formation      | Color | Hard or Soft | Top   | Bottom | Oil, Gas or Water | Depth Found | Remarks   |
|----------------|-------|--------------|-------|--------|-------------------|-------------|---|
| Slate          |       |              | 1782  | 1787   |                   |             |   |
| Lime Shells    |       |              | 1787  | 1803   |                   |             |   |
| Slate          |       |              | 1803  | 2185   |                   |             |   |
| Lime Shells    |       |              | 2185  | 2190   |                   |             |   |
| Slate & Shells |       |              | 2190  | 2278   |                   |             |   |
| Coffee Shale   |       |              | 2278  | 2292   |                   |             |   |
| Berea Grit     |       |              | 2292  | 2334   |                   |             |   |
| Slate          |       |              | 2334  | 2384   |                   |             |   |
| Brown Shale    |       |              | 2384  | 2455   |                   |             |   |
| Slate          |       |              | 2455  | 2833   |                   |             |   |
| Brown Shale    |       |              | 2833  | 2887   |                   |             |   |
| Gray Shale     |       |              | 2887  | 2955   | Gas               | 2995'       | Show  |
| Brown Shale    |       |              | 2955  | 3035   |                   |             |   |
| Gray Shale     |       |              | 3035  | 3070   |                   |             |   |
| Brown Shale    |       |              | 3070  | 3280   | Gas               | 3247'       | Show  |
| Slate          |       |              | 3280  | 3288   |                   |             |   |
| Total Depth    |       |              | 3288' |        |                   |             | Test before shot 4/10 W 1" 21 M<br>Shot 7-28-49 with 3000# Gel. 2854-3288<br>Test 3 days after shot 23/10 W 2" 202M |
|                |       |              |       |        |                   |             | OPEN FLOW - 202 M - Shale<br>48 Hr. R.P. 360#.<br>Shut in 7-29-49 in 6-5/8" Casing.                                 |

11/17/2023

Date August 16, 19 49

APPROVED United Fuel Gas Co., Owner

By *J. Moore*  
Chief Engineer (Title)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Luyandot*

WELL RECORD

Permit No. WAY-646

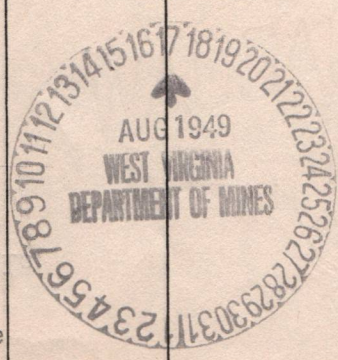
Oil or Gas Well Gas  
(KIND)

Company United Fuel Gas Co.  
Address P. O. Box 1273, Charleston 25, W. Va.  
Farm H. B. Booten Acres 130  
Location (waters) Miller Fk. of Beech Fk.  
Well No. 6496 Elev. 793.90  
District Union County Wayne  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Maude Booten, Agt.  
Wayne, Address West Virginia  
Drilling commenced 5-12-49  
Drilling completed 7-27-49  
Date Shot 7-28-49 From 2854 To 3288  
With 3,000# Gel.  
Open Flow 23 /10ths Water in 2" Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume 202 M - Shale Cu. Ft.  
Rock Pressure 360 lbs. 48 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 360, 765 feet \_\_\_\_\_ feet  
Salt water 1150 feet \_\_\_\_\_ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers        |
|-------------------|------------------|--------------|----------------|
| Size              |                  |              | Kind of Packer |
| 16                |                  |              |                |
| 13                |                  |              |                |
| 10                | 38               | 38           | Size of        |
| 8 1/4             | 668              | 668          |                |
| 6 5/8             | 1793             | 1793         | Depth set      |
| 5 3/16            |                  |              |                |
| 3                 |                  |              | Perf. top      |
| 2                 |                  |              | Perf. bottom   |
| Liners Used       |                  |              | Perf. top      |
|                   |                  |              | Perf. bottom   |

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 613 FEET 24 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

| Formation      | Color | Hard or Soft | Top  | Bottom | Oil, Gas or Water | Depth Found | Remarks   |
|----------------|-------|--------------|------|--------|-------------------|-------------|-----------|
| Surface        |       |              | 0    | 10     |                   |             |           |
| Red Rock       |       |              | 10   | 37     |                   |             |           |
| Sand           |       |              | 37   | 40     |                   |             |           |
| Slate          |       |              | 40   | 150    |                   |             |           |
| Sand           |       |              | 150  | 164    |                   |             |           |
| Slate          |       |              | 164  | 240    |                   |             |           |
| Sand           |       |              | 240  | 268    |                   |             |           |
| Slate          |       |              | 268  | 320    |                   |             |           |
| Sand           |       |              | 320  | 342    |                   |             |           |
| Slate          |       |              | 342  | 360    | Water             | 360'        | 1 B.P.H.  |
| Sand           |       |              | 360  | 405    |                   |             |           |
| Slate          |       |              | 405  | 439    |                   |             |           |
| Red Rock       |       |              | 439  | 441    |                   |             |           |
| Slate          |       |              | 441  | 480    |                   |             |           |
| Sand           |       |              | 480  | 493    |                   |             |           |
| Slate          |       |              | 493  | 570    |                   |             |           |
| Sand           |       |              | 570  | 613    |                   |             |           |
| Coal           |       |              | 613  | 615    |                   |             |           |
| Sand           |       |              | 615  | 620    |                   |             |           |
| Slate          |       |              | 620  | 729    |                   |             |           |
| Sand           |       |              | 729  | 775    | Water             | 765'        | 2 B.P.H.  |
| Slate          |       |              | 775  | 835    |                   |             |           |
| Sand           |       |              | 835  | 860    |                   |             |           |
| Slate          |       |              | 860  | 890    |                   |             |           |
| Salt Sand      |       |              | 890  | 962    |                   |             |           |
| Slate          |       |              | 962  | 1026   |                   |             |           |
| Sand           |       |              | 1026 | 1036   |                   |             |           |
| Slate          |       |              | 1036 | 1100   | Water             | 1150'       | Hole full |
| Salt Sand      |       |              | 1100 | 1248   |                   |             |           |
| Slate          |       |              | 1248 | 1290   |                   |             |           |
| Salt Sand      |       |              | 1290 | 1397   |                   |             |           |
| Slate          |       |              | 1397 | 1477   |                   |             |           |
| Little Lime    |       |              | 1477 | 1502   |                   |             |           |
| Slate          |       |              | 1502 | 1504   |                   |             |           |
| Big Lime       |       |              | 1504 | 1670   |                   |             |           |
| Injun Sand     |       |              | 1670 | 1693   |                   |             |           |
| Slate & Shells |       |              | 1693 | 1745   |                   |             |           |
| Sand           |       |              | 1745 | 1782   |                   |             |           |



*11/17/2023*

**UNITED FUEL GAS COMPANY**  
COMPANY

SERIAL WELL NO. 6496

LEASE NO. 24536

MAP SQUARE 22-53

|  |                                       |               |                      |                  |   |
|--|---------------------------------------|---------------|----------------------|------------------|---|
| RECORD OF WELL NO. <b>6496</b> on the          | CASING AND TUBING                     |               |                      |                  | TEST BEFORE SHOT                        |
| <b>H. B. Hooten</b> farm of <b>130</b> Acres   | SIZE                                  | WEIGHT        | USED IN DRILLING     | LEFT IN WELL     | <b>4</b> /10 of Water in <b>1</b> inch  |
| in <b>Union</b> District                       | <b>10"</b>                            | <b>32.75#</b> | <b>38' 1"</b>        | <b>38' 1"</b>    | /10 of Merc. in _____ inch              |
| <b>Wayne</b> County                            | <b>8-1/4"</b>                         | <b>24#</b>    | <b>668' 0"</b>       | <b>668' 0"</b>   | Volume <b>21.06</b> MCF Cu. ft          |
| State of: <b>West Virginia</b>                 | <b>6-5/8"</b>                         | <b>20#</b>    | <b>1802' 10"</b>     | <b>1802' 10"</b> | TEST AFTER SHOT                         |
| Field: <b>Branc bland</b>                      |                                       |               |                      |                  | <b>23</b> /10 of Water in <b>2</b> inch |
| Rig Commenced <b>May 5</b> 194 <b>9</b>        |                                       |               |                      |                  | /10 of Merc. in _____ inch              |
| Rig Completed <b>May 12</b> 194 <b>9</b>       |                                       |               |                      |                  | Volume <b>202</b> MCF Cu. ft            |
| Drilling Commenced <b>May 12</b> 194 <b>9</b>  |                                       |               |                      |                  | <b>8-5-49</b> Hours After Shot          |
| Drilling Completed <b>July 27</b> 194 <b>9</b> |                                       |               |                      |                  | Rock Pressure <b>360#</b>               |
| Drilling to cost <b>\$2.75</b> per foot        |                                       |               |                      |                  | Date Shot <b>July 28, 1949</b>          |
| Contractor is: <b>Adkins Bros. Dlg. Co.</b>    |                                       |               |                      |                  | Size of Torpedo <b>3000#</b> Gal.       |
| Address: <b>Huntington, W. Va.</b>             | SHUT IN                               |               |                      |                  | Oil Flowed _____ bbls. 1st 24 hrs       |
|  | Date <b>July 29, 1949</b>             |               |                      |                  | Oil Pumped _____ bbls. 1st 24 hrs       |
| Driller's Name                                 | <b>6-5/8" in.</b>                     |               | <b>3 1/2" Casing</b> |                  | Well abandoned and                      |
|  | Size of Packer <b>6-5/8" X 8-1/4"</b> |               |                      |                  | Plugged _____ 194                       |
|  | Kind of Packer <b>Bottom Hole</b>     |               |                      |                  |   |
|  | 1st. Perf. Set _____ from _____       |               |                      |                  |   |
|  | 2nd Perf. Set _____ from _____        |               |                      |                  |   |
| Elevation: <b>793.90</b>                       |                                       |               |                      |                  |   |

**DRILLER'S RECORD**

| FORMATION | TOP | BOTTOM | THICKNESS | REMARKS                           |
|-----------|-----|--------|-----------|-----------------------------------|
| Surface   | 0   | 10     | 10        |                                   |
| Red Rock  | 10  | 37     | 27        |                                   |
| Sand      | 37  | 40     | 3         |                                   |
| Slate     | 40  | 150    | 110       |                                   |
| Sand      | 150 | 164    | 14        |                                   |
| Slate     | 164 | 240    | 76        |                                   |
| Sand      | 240 | 268    | 28        |                                   |
| Slate     | 268 | 320    | 52        |                                   |
| Sand      | 320 | 342    | 22        |                                   |
| Slate     | 342 | 360    | 18        | Water at 360' - 1 bailer per hour |
| Sand      | 360 | 405    | 45        |                                   |
| Slate     | 405 | 439    | 34        |                                   |
| Red Rock  | 439 | 441    | 2         |                                   |
| Slate     | 441 | 480    | 39        |                                   |
| Sand      | 480 | 493    | 13        |                                   |
| Slate     | 493 | 570    | 77        |                                   |
| Sand      | 570 | 613    | 43        |                                   |

APPROVED  
*H. B. Hooten*

11/17/2023

SERIAL WELL NO. 6496LEASE NO. 24536MAP SQUARE 22-53

## DRILLER'S RECORD

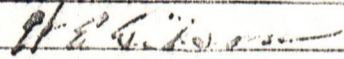
| FORMATION      | TOP  | BOTTOM | THICKNESS | REMARKS                            |
|----------------|------|--------|-----------|------------------------------------|
| Coal           | 613  | 615    | 2         |                                    |
| Sand           | 615  | 620    | 5         |                                    |
| Slate          | 620  | 729    | 109       |                                    |
| Sand           | 729  | 775    | 46        | Water at 765' - 2 bailers per hour |
| Slate          | 775  | 835    | 60        | Hole full water at 1150'           |
| Sand           | 835  | 860    | 25        |                                    |
| Slate          | 860  | 890    | 30        |                                    |
| Salt Sand      | 890  | 962    | 72        |                                    |
| Slate          | 962  | 1026   | 64        |                                    |
| Sand           | 1026 | 1036   | 10        |                                    |
| Slate          | 1036 | 1100   | 64        |                                    |
| Salt Sand      | 1100 | 1248   | 148       |                                    |
| Slate          | 1248 | 1290   | 42        |                                    |
| Salt Sand      | 1290 | 1397   | 107       |                                    |
| Slate          | 1397 | 1477   | 80        |                                    |
| Little Lime    | 1477 | 1502   | 25        |                                    |
| Slate          | 1502 | 1504   | 2         |                                    |
| Big Lime       | 1504 | 1670   | 166       |                                    |
| Injun Sand     | 1670 | 1693   | 23        |                                    |
| Slate & Shells | 1693 | 1745   | 52        |                                    |
| Sand           | 1745 | 1782   | 37        |                                    |
| Slate          | 1782 | 1787   | 5         |                                    |
| Lime Shell     | 1787 | 1803   | 16        | 6-5/8" Casing set at 1793'         |
| Slate          | 1803 | 2185   | 382       |                                    |
| Lime Shell     | 2185 | 2190   | 5         |                                    |
| Slate & Shells | 2190 | 2278   | 88        |                                    |
| Coffee Shale   | 2278 | 2292   | 14        |                                    |
| Berea Gr&t     | 2292 | 2334   | 42        |                                    |
| Slate          | 2334 | 2384   | 50        |                                    |
| Brown Shale    | 2384 | 2455   | 71        |                                    |
| Slate          | 2455 | 2833   | 378       |                                    |
| Brown Shale    | 2833 | 2887   | 54        |                                    |
| Gray Shade     | 2887 | 2955   | 68        | Show of gas at 2955'               |
| Brown Shale    | 2955 | 3035   | 80        | Show of gas at 3247'               |
| Gray Shale     | 3035 | 3070   | 35        | When drilling completed 4-10 W-1"  |
| Brown Shale    | 3070 | 3280   | 210       |                                    |
| Slate          | 3280 | 3288   | 8         |                                    |
| Total Depth    | 3288 |        |           |                                    |

RECEIVED

AUG 8 1949

DIVISION-SUPPLY

APPROVED



Devonian Shale - 2334' to 3288'

Total Shale - 954'

no sand logged

no electric log

Mary S. Friend  
Geologist

11/17/2023

July 28, 1949

Mr. J. R. Hussey, Div. Supt.

Well No. 6496 (Serial No.) on H. B. Booten Farm

Was shot this date with 3000# Gelatin quarts

Number of Shells 46 shells

Length of Shells 4-1/4" x 10-6"

Top of Shot 2854'

Bottom of Shot 3288'

Top of Brown Shale Sand 2854' feet  
(Name of Sand)

Bottom of Brown Shale Sand 3288' feet  
(Name of Sand)

Total Depth of Well 3288'

Results: before shot - 4/10 W-1" (21.06 MCF)

after shot - 23/10 W-2" (202 MCF)

Remarks:

RECEIVED  
AUG 3 1949  
DIVISION Supt.

Signed *H. E. Gillison* District Supt.

NOTE-When a well is shot this form must be filled out and sent to the General Superintendent.

**U.S. DEPARTMENT OF ENERGY  
Federal Energy Regulatory Commission  
Washington, D.C. 20426**

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)  
(Sections 102, 103, 107 and 108)**

**PLEASE READ BEFORE COMPLETING THIS FORM:**

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

| <u>Section of NGPA</u> | <u>Category Code</u> | <u>Description</u>                        |
|------------------------|----------------------|---|
| 102                    | 1                    | New OCS Lease                             |
| 102                    | 2                    | New onshore well (2.5 mile test)          |
| 102                    | 3                    | New onshore well (1,000 feet deeper test) |
| 102                    | 4                    | New onshore reservoir                     |
| 102                    | 5                    | New reservoir on old OCS Lease            |
| 103                    | -                    | New onshore production well               |
| 107                    | -                    | High cost natural gas                     |
| 108                    | -                    | Stripper well                             |

Other Purchasers/Contracts:

| <u>Contract Date<br/>(Mo. Day Yr.)</u> | <u>Purchaser</u> | <u>Buyer Code</u> |
|--|------------------|-------------------|
| _____                                  | _____            | _____             |
| _____                                  | _____            | _____             |
| _____                                  | _____            | _____             |

Remarks:

11/17/2023

|  |   |                         |                  |  |
|--|---|-------------------------|------------------|--|
| 1.0 API well number.<br>(If not assigned, leave blank 14 digits.)  | <u>47-099-00646</u>   |                         |                  |  |
| 2.0 Type of determination being sought<br>(Use the codes found on the front<br>of this form.)                                      | <u>107PV</u><br>Section of NGPA   | _____<br>Category Code  |                  |  |
| 3.0 Depth of the deepest completion<br>location (Only needed if sections 103<br>or 107 in 2.0 above.)                              | <u>3288</u> feet  |                         |                  |  |
| 4.0 Name, address and code number of<br>applicant (35 letters per line<br>maximum. If code number not<br>available, leave blank.)  | Columbia Gas Transmission Corporation<br>Name<br>P. O. Box 1273<br>Street<br>Charleston<br>City |                         |                  | 004030<br>Seller Code                                      |
| 5.0 Location of this well (Complete (a)<br>or (b).)<br>(a) For onshore wells<br>(35 letters maximum for field<br>name.)            | <u>WU Field Area B</u><br>Field Name<br><u>Wayne</u><br>County                                  |                         |                  | <u>WU</u><br>State   |
| (b) For OCS wells  | <u>NA</u><br>Area Name  |                         |                  | _____<br>Block Number                                      |
| (c) Name and identification number<br>of this well (35 letters and digits<br>maximum.)   | <u>H.B. Booten</u>  |                         |                  | <u>806496</u><br>OCS Lease Number                          |
| (d) If code 4 or 5 in 2.0 above, name<br>of the reservoir (35 letters<br>maximum.)   | <u>NA</u>   |                         |                  |  |
| 6.0 (a) Name and code number of the<br>purchaser (35 letters and digits<br>maximum. If code number not<br>available, leave blank.) | *<br>Name   |                         |                  | 004030<br>Buyer Code                                       |
| (b) Date of the contract   | _____ *<br>Mo. Day Yr.  |                         |                  |  |
| (c) Estimated total annual production<br>from the well   | <u>27</u> Million Cubic Feet  |                         |                  |  |
| 7.0 Contract price<br>(As of filing date. Complete to 3<br>decimal places.)  | S/MMBTU   | (a) Base Price<br>----- | (b) Tax<br>----- | (c) All Other<br>Prices (Indicate<br>(+) or (-).)<br>----- |
| 8.0 Maximum lawful rate<br>(As of filing date. Complete to 3<br>decimal places.)   | S/MMBTU   | <u>Deseg</u>            | -----            | -----  |
| 9.0 Person responsible for this application:   | Albert H. Mathena, Jr., Director, Production Eng.<br>Name Title                                 |                         |                  |  |
| Agency Use Only<br>Date Received by Juris. Agency<br><u>JUN 3 - 1982</u>   | <u>Albert H. Mathena Jr</u><br>Signature  |                         |                  | _____<br>(304) 346-0951<br>Phone Number                    |
| Date Received by FERC  | <u>5-20-82</u><br>Date Application is Completed   |                         |                  | _____  |

\*This is a pipeline production well. No contract exists and no sales are made.

11/17/2023



DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's  
Well No. 806496

API Well No.

47 - 077 - 00646  
State County Permit

WELL CLASSIFICATION FORM  
HIGH COST GAS WELL - DEVONIAN SHALE  
NGPA Section 107

DESIGNATED AGENT James L. Weekley

ADDRESS P. O. Box 1273  
Charleston, WV 25325

LOCATION Elevation 793.90'  
Watershed \_\_\_\_\_

WELL OPERATOR Columbia Gas Trans. Corp.

ADDRESS P. O. Box 1273  
Charleston, WV 25325

Dist. Union County Wayne Quad. \_\_\_\_\_

GAS PURCHASER N.A.

Gas Purchase  
Contract No. N.A.

ADDRESS \_\_\_\_\_

Meter Chart Code \_\_\_\_\_

Date of Contract N.A.

This is a pipeline production well and no gas purchase contract exists.

Date surface drilling began: 5-12-1949

Indicate the bottom hole pressure of the well and explain how this was calculated.

*See Supplement*

AFFIDAVIT

I, Albert H. Mathena, Jr., having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

Albert H Mathena Jr

STATE OF WEST VIRGINIA

COUNTY OF KANAWHA, TO-WIT:

I, Larry G. Burdette, a Notary Public in and for the state and county aforesaid, do certify that Albert H. Mathena, Jr., whose name is signed to the writing above, bearing date the 20 day of May, 1982, has acknowledged the same before me, in my county aforesaid.

**11/17/2023**

Given under my hand and official seal this 20 day of May, 1982.  
My term of office expires on the 13 day of August, 1989.

(NOTARIAL SEAL)

Larry G Burdette  
Notary Public



Way-646

State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

WALTER N. MILLER  
DIRECTOR

THEODORE M. STREIT  
ADMINISTRATOR

BEFORE THE OFFICE OF OIL AND GAS  
OF THE DEPARTMENT OF MINES  
OF THE STATE OF WEST VIRGINIA

IN THE MATTER OF THE APPLICATIONS )  
OF COLUMBIA GAS TRANSMISSION )  
CORPORATION REQUESTING CLASSI- )  
FICATION UNDER SECTION 107 OF THE )  
NATURAL GAS POLICY ACT OF CERTAIN )  
WELLS IN BOONE, CABELL, JACKSON, )  
KANAWHA, LINCOLN, LOGAN, MINGO )  
AND WAYNE COUNTIES, WEST VIRGINIA. )

CAUSE NO. 33

ORDER NO. 1

REPORT OF THE OFFICE

This cause came before the Administrator of the Office of Oil and Gas on June 28, 1982, at 1:00 p.m., in Conference Room C, Capitol Conference Center, Charleston, West Virginia, after giving notice of hearing as required by law on the applications of Columbia Gas Transmission Corporation for certification of certain wells in Boone, Cabell, Jackson, Kanawha, Lincoln, Logan, Mingo and Wayne Counties as Devonian Shale wells under Section 107(c)(4) of the Natural Gas Policy Act.

FINDINGS OF FACT

1. Applicant is an operator within the meaning of paragraph (w) of Chapter 22-4-1.
2. Applicant has made filings for certification pursuant to Rule 34.04.
3. The Natural Gas Policy Act (NGPA) in Section 107, Ceiling Price For High-Cost Natural Gas--(c) Definition of High-Cost Natural Gas-- "For purposes of this section, the term "high-cost natural gas" means natural gas determined in accordance with Section 503 to be....(4) produced from Devonian Shale."
4. The Federal Energy Regulatory Commission (FERC) by Rule 272.101-(c) prescribes the method by which the jurisdictional agency may determine gas produced from Devonian Shale.
5. Exhibits refer to evidence gathered at a public hearing held June 28, 1982.

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6. Exhibits No. 2 and 3 lists the wells to be under consideration for Section 107 pricing. All these wells are located on Exhibits No. 4 and 5 and have been completed in the Devonian Shale.

7. Applicant, by letter dated June 25, 1982 (Exhibit No. 3) requested that eight (8) of the wells listed on Attachment A be stricken from the docket for hearing and they have been withdrawn.

8. Exhibit No. 6 shows random sampling of already qualified Devonian Shale wells.

9. Various cross-sections throughout the interval show gamma ray logs of the wells (see Exhibits Nos. 7, 8 and 9).

10. No well has any non-shale greater than 5% in the Devonian interval penetrated.

11. No gamma ray logs are available on these wells since they were all drilled before logging was common in West Virginia.

#### CONCLUSION OF LAW

1. That due notice of the time, place and purpose of the hearing has been given in all respects as required by law.

2. That pursuant to Chapter 22, Article 4, Code of West Virginia of 1931, as amended, the Office has jurisdiction over the subject matter embraced in said notice, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

#### ORDER

NOW, therefore, based on the aforementioned Findings of Fact and Conclusion of Law, it is found by the Administrator that Columbia Gas Transmission Corporation's applications for classification under Section 107 of the Natural Gas Policy Act for certain wells in Boone, Cabell, Jackson, Kanawha, Lincoln, Logan, Mingo and Wayne Counties, identified in Attachment A, are approved.

The Office of Oil and Gas further incorporates the Report of the Office and Findings of Fact and Conclusion of Law dated June 28, 1982, as if the same were fully set forth and includes hereto the Report of the Office and Findings of Fact and Conclusion of Law as a part of this Order.

Entered this 12th day of July, 1983.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

OFFICE OF OIL AND GAS  
OF THE DEPARTMENT OF MINES  
OF THE STATE OF WEST VIRGINIA

By: 

Theodore M. Streit, Administrator

11/17/2023