



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.

Oral Richardson  
COAL OPERATOR OR COAL OWNER

OWENS, LIBBEY-OWENS GAS DEPARTMENT  
NAME OF WELL OPERATOR

Wayne, W. Va. - c/o Mat Richardson  
ADDRESS

P. O. Box 4168, Charleston 4, W. Va.  
COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER

May 6, 19 60  
PROPOSED LOCATION

Owens-Illinois Glass Company and  
Libbey-Owens-Ford Glass Company  
OWNER OF MINERAL RIGHTS

Stonewall District  
Wayne County  
*38.70*

Charleston 4, West Virginia  
ADDRESS

Well No. 59 (Serial No. 1101) *82°20'E. 667.82*  
Hoard-Baldwin Tract No. 9 Farm  
*No Acres*

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 December 17, 1936, made by H. Rummel Anderson & T. B. Jackson, Sp. Comm. to Owens-Illinois Glass Co. & Libbey-Owens-Ford Glass Co., and recorded on the 23rd day of December, 1936, in the office of the County Clerk for said County in Book 188, page 133.

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.

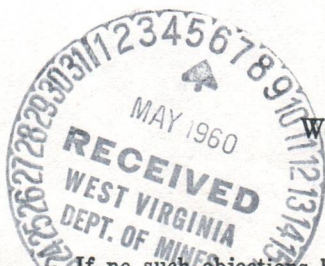
The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their 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 definitely 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,

OWENS, LIBBEY-OWENS GAS DEPARTMENT  
WELL OPERATOR  
P. O. Box 4168  
STREET  
Charleston 4,  
CITY OR TOWN  
West Virginia  
STATE



Address of Well Operator }

**08/25/2023**

\*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.





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.

Coal Operator or Coal Owner

Wayne W. V. - c/o Matt Richardson

Address

Coal Operator or Coal Owner

Owens-Lillioke Glass Company and  
Libbey-Owens-Ford Glass Company

Owner of Mineral Rights

Charleston, West Virginia

Address

County

Owens, Liberty-Owens Gas Department

Well or Well Operator

P. O. Box 4136, Charleston, W. Va.

Complete Address

May 6, 1966

Proposed Location

Stonewall

Wayne

Well No. 29 (Serial No. 1101) 22 3/4 x 22 3/4

North-Baldwin Tract No. 9 Farm

in

The undersigned well operator is entitled to drill upon the above named farm or tract of land for

oil and gas having for this purpose, made, N. Maxwell Anderson & T. B. Jackson, Esq., Comm.

Owens-Lillioke Glass Co. & Libbey-Owens-Ford Glass Co., and recorded on the 23rd day

of December, 1950 in the office of the County Clerk for said County in

Book 108 page 133

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 300 feet of the boundary 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 failure to file or make such objections will be construed by the Department of Mines as a consent or acquiescence and that all such objections must set forth as definitely 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 addresses on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

Owens, Liberty-Owens Gas Department

Well Operator

P. O. Box 4136

Street

Charleston, W. Va.

City or Town

West Virginia

State

Address of Well Operator

08/25/2023

Section 3 of the Code of West Virginia provides that no well shall be drilled for oil and gas in any tract of land owned or controlled by the Department of Mines, within said period of ten days from the receipt of said notice and plat by the Department of Mines, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, unless the coal operator a drilling permit receiving the plat of such plat, that no objections have been made by the coal operators or coal owners to the location or found therein by the Department of Mines, and that the same is approved and the well operator authorized to proceed to drill at said location.

Permit Number



| Formation  | Color | Hard or Soft | Top 18                      | Bottom | Oil, Gas or Water   | Depth Found  | Remarks  |
|------------|-------|--------------|-----------------------------|--------|---|--------------|----------|
|            |       |              |                             |        | 9-17-60   |              |          |
|            |       |              |                             |        | Re-installed 7" casing at 1113' on shoe with 2 centralizers                         |              |          |
|            |       |              |                             |        | Set at 1106' 10" & 1068' 7" TOP. ON SHOE  |              |          |
|            |       |              |                             |        | SIM 1120 = Sand IM 1120   |              |          |
| Big Lime   | Grey  | Med.         | 1120                        | 1158   |   |              |          |
| Big Lime   | White | Hard         | 1158                        | 1194   | Gas 1165 -  | 1175'        |          |
|            |       |              |                             |        | Gas 1175'   |              | 2.4 MCF  |
|            |       |              |                             |        | Gas-? 1194'   |              | 2.6 MCF  |
| Big Lime   | White | Med.         | 1194                        | 1220   | Gas 1204'   |              | 2.8 MCF  |
|            |       |              |                             |        | Gas 1214'   |              | 8.1 MCF  |
| Big Lime   | White | Hard         | 1220                        | 1232   |   |              |          |
| Big Lime   | White | Med.         | 1232                        | 1256   |   |              |          |
| Red Injun  | Red   | Med.         | 1256                        | 1274   |   |              |          |
| Slate      | Blue  | Soft         | 1274                        | 1277   |   |              |          |
| Grey Injun | Grey  | Med.         | 1277                        | 1333   | SIM 1277 =  | Sand IM 1277 |          |
|            |       |              |                             |        | Gas-? 1286'   |              | 2.9 MCF  |
|            |       |              |                             |        | Gas-? 1299'   |              | 3.1 MCF  |
| Slate      | Dark  | Soft         | 1333                        | 1346   |   |              |          |
| Sl & Shls  | Blue  | Med.         | 1346                        | 1499   | Water test at 1346', 44 gal. water in 84 Hrs.                                       |              |          |
| Slate      | White | Soft         | 1499                        | 1644   |   |              |          |
| Sl & Shls  | Blue  | Soft         | 1644                        | 1714   |   |              |          |
| Slate      | Light | Soft         | 1714                        | 1745   |   |              |          |
| Shells     | Grey  | Hard         | 1745                        | 1760   |   |              |          |
| Slate      | Light | Soft         | 1760                        | 1779   |   |              |          |
| Sl & Shls  | Light | Soft         | 1779                        | 1826   |   |              |          |
| Slate      | Grey  | Soft         | 1826                        | 1866   |   |              |          |
| Berea      | Grey  | Hard         | 1866                        | 1912   |   |              |          |
| Sl & Shls  | Grey  | Soft         | 1912                        | 1947   |   |              |          |
| Br. Shale  | Brown | Soft         | 1947                        | 1994   | Test 1953'  |              | 2.1 MCF  |
|            |       |              |                             |        | Gas-? 1968'   |              | 2.4 MCF  |
| Slate      | Blue  | Soft         | 1994                        | 2092   |   |              |          |
| Shells     | ---   | Med.         | 2092                        | 2103   |   |              |          |
| Slate      | Light | Soft         | 2103                        | 2165   |   |              |          |
| Shells     | Light | Med.         | 2165                        | 2185   |   |              |          |
| Slate      | White | Soft         | 2185                        | 2224   | Test 2200'  |              | 2.4 MCF  |
|            |       |              |                             |        | Gas-? 2224'   |              | 2.7 MCF  |
| Slate      | Grey  | Soft         | 2224                        | 2287   |   |              |          |
| Slate      | Light | Soft         | 2287                        | 2345   |   |              |          |
| Br. Shale  | Brown | Soft         | 2345                        | 2825   | Test 2445'  |              | 2.1 MCF  |
|            |       |              |                             |        | Gas-? 2478'   |              | 2.6 MCF  |
|            |       |              |                             |        | Gas 2581'   |              | 5.8 MCF  |
|            |       |              |                             |        | Test 2629'  |              | 5.8 MCF  |
|            |       |              |                             |        | Gas 2640'   |              | 7.7 MCF  |
|            |       |              |                             |        | Gas 2677'   |              | 8.1 MCF  |
| Slate      | White | Soft         | 2825                        | 2846   | Test 2779'  |              | 8.0 MCF  |
|            |       |              |                             |        | Gas 2804'   |              | 8.5 MCF  |
|            |       |              | Total Depth 2846            |        | SIM 2846 =  | Sand IM 2845 |          |
|            |       |              | Total Depth After Shot 2836 |        | 67 Hr. test, 25 gal. water at 2846'   |              |          |
|            |       |              |                             |        | 10-14-60  |              |          |
|            |       |              |                             |        | Shot with 6,100# Trojan Powder from 2210 to 2846' (12:23 P.M.)                      |              |          |
|            |       |              |                             |        | Test Before Shot:   |              | 7.3 MCF  |
|            |       |              |                             |        | 5" 15 Min. After Shot:  |              | 694. MCF |
|            |       |              |                             |        | " 1 Hr. " "   |              | 172. MCF |
|            |       |              |                             |        | " 18 Hrs. " "   |              | 45. MCF  |
|            |       |              |                             |        | 10-18-60  |              |          |
|            |       |              |                             |        | Installed 3 1/2" tubing at 1890' with "Oilwell" Hookwall Pkr. set from 1886 - 1890' |              |          |
|            |       |              |                             |        | 10-18-60  |              |          |
|            |       |              |                             |        | Final Open Flow:  |              |          |
|            |       |              |                             |        | Big Lime  |              | 4. MCF   |
|            |       |              |                             |        | Br. Shale   |              | 35. MCF  |
|            |       |              |                             |        |   |              | 39. MCF  |

08/25/2023

Date October 31, 19 60

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

By C. H. Smith  
A. H. Smith, Mgr. (Title) Land, Engrg. & Geol.





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 18

Quadrangle Wayne

Permit No. Way-1288

**WELL RECORD**

Oil or Gas Well GAS  
(KIND)

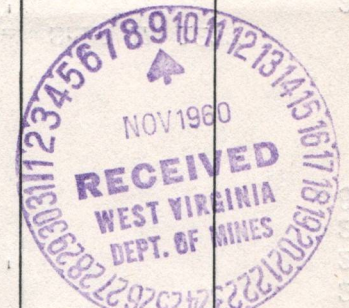
Company OWENS, LIBBEY-OWENS GAS DEPARTMENT  
Address P. O. Box 4168, Charleston 4, W. Va.  
Farm Hoard-Baldwin Acres 110  
Location (waters) \_\_\_\_\_  
Well No. 59 (Serial No. 1101) Elev. 667.82  
District Stonewall County Wayne  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Owens, Libbey-Owens Gas Department  
Address Charleston, W. Va.  
Drilling commenced 9-1-60  
Drilling completed 10-11-60  
Date Shot 10-14-60 From 2210 To 2846  
With 6,100# Trojan Powder

| Casing and Tubing | Used in Drilling | Left in Well | Packers            |
|-------------------|------------------|--------------|--------------------|
| Size              |                  |              | Kind of Packer     |
| 16                |                  |              | "Oilwell" Hookwall |
| 13                |                  |              | Size of            |
| 10                |                  |              | 3 1/2 x 7 x 16     |
| 8 1/4 5/8         | 242'9"           | 242'9"       | Depth set          |
| 6 5/8 7           | 1102'3"          | Pulled       | 1886 - 1890        |
| 5 3/8 7           | 1112'4"          | 1112'4"      | Perf. top          |
| 3 1/2             | ----             | 1889'10"     | Perf. bottom       |
| 2                 |                  |              | Perf. top          |
| Liners Used       |                  |              | Perf. bottom       |

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume Big Lime 4 MCF; Br. Shale 35 M Cu. Ft.  
Rock Pressure 375 lbs. 67 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 60; 265 feet  
Salt water \_\_\_\_\_ feet

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 99 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 |
|-------------|-------|--------------|------|--------|--|-------------|---------|
| Sand        | Grey  | Soft         | 500  | 550    |  |             |         |
| Slate       | Light | Soft         | 550  | 60     | Water at 60', hole full  |             |         |
| Sand        | Grey  | Soft         | 60   | 99     |  |             |         |
| Coal        | --    | --           | 99   | 101    |  |             |         |
| Sand        | Grey  | Soft         | 101  | 121    |  |             |         |
| Sand        | Light | Med.         | 121  | 137    |  |             |         |
| Slate       | Dark  | Soft         | 137  | 142    |  |             |         |
| Sand        | Light | Med.         | 142  | 173    |  |             |         |
| Slate       | Dark  | Soft         | 173  | 200    |  |             |         |
| Sand        | White | Med.         | 200  | 241    | 9-3-60<br>Installed 8-5/8" casing on shoe at 241'  |             |         |
| Slate       | Dark  | Soft         | 241  | 277    | Water at 265', hole full   |             |         |
| Sand        | White | Soft         | 277  | 296    |  |             |         |
| Slate       | Grey  | Soft         | 296  | 318    |  |             |         |
| Sand        | White | Soft         | 318  | 338    |  |             |         |
| Slate       | Grey  | Soft         | 338  | 358    |  |             |         |
| Sand        | White | Soft         | 358  | 385    |  |             |         |
| Slate       | Dark  | Soft         | 385  | 425    |  |             |         |
| Sand        | White | Med.         | 425  | 471    |  |             |         |
| Sand        | White | Soft         | 471  | 501    |  |             |         |
| Slate       | Blue  | Soft         | 501  | 529    |  |             |         |
| Salt Sand   | White | Med.         | 529  | 709    |  |             |         |
| Salt Sand   | White | Hard         | 709  | 953    |  |             |         |
| Slate       | White | Soft         | 953  | 984    |  |             |         |
| Slate       | Blue  | Soft         | 984  | 1016   |  |             |         |
| Slate       | Grey  | Med.         | 1016 | 1041   |  |             |         |
| Slate       | Grey  | Soft         | 1041 | 1051   |  |             |         |
| Little Lime | Grey  | Hard         | 1051 | 1085   |  |             |         |
| Big Lime    | Grey  | Hard         | 1085 | 1090   |  |             |         |
| Big Lime    | White | Hard         | 1090 | 1120   | 9-15-60<br>Installed 7" casing at 1101' on shoe with 2 centralizers.<br>Water did not shut off |             |         |
|             |       |              |      |        | 9-16-60<br>Pulled 7" casing  |             |         |



08/25/2023



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-1288

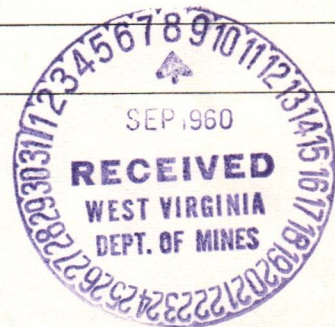
Oil or Gas Well Gas  
(KIND)

|                        |  | CASING AND TUBING   | USED IN DRILLING | LEFT IN WELL | PACKERS        |
|------------------------|--|---|------------------|--------------|----------------|
| Company                | <u>Owens Libby Owens Gas Dept.</u>     | Size  |                  |              | Kind of Packer |
| Address                | <u>Box 4168<br/>Charleston, W. Va.</u> | 16  |                  |              |                |
| Farm                   | <u>Hoard-Baldwin</u>                   | 13  |                  |              |                |
| Well No.               | <u>59- S- 1101</u>                     | 10  |                  |              | Size of        |
| District               | <u>Stonewall</u> County <u>Wayne</u>   | 8 1/4   |                  |              |                |
| Drilling commenced     | <u>Rigging Up</u>                      | 6 5/8   |                  |              | Depth set      |
| Drilling completed     | Total depth                            | 5 3/16  |                  |              |                |
| Date shot              | Depth of shot                          | 3   |                  |              | Perf. top      |
| Initial open flow      | /10ths Water in Inch                   | 2   |                  |              | Perf. bottom   |
| Open flow after tubing | /10ths Merc. in Inch                   | Liners Used   |                  |              | Perf. top      |
| Volume                 | Cu. Ft.                                |   |                  |              | Perf. bottom   |
| Rock pressure          | lbs. hrs.                              | CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____ |                  |              |                |
| Oil                    | bbls., 1st 24 hrs.                     | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES           |                  |              |                |
| Fresh water            | feet feet                              | _____ FEET _____ INCHES _____ FEET _____ INCHES           |                  |              |                |
| Salt water             | feet feet                              | _____ FEET _____ INCHES _____ FEET _____ INCHES           |                  |              |                |

Drillers' Names Robert Payton

Norman Vance

Remarks:



8-30-60

DATE

*Juv Paef*  
DISTRICT WELL INSPECTOR

DISTRICT WELL INSPECTOR

08/25/2023







STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-1288

Oil or Gas Well Gas  
(KIND)

| Company<br><u>Owens Libby Owens Gas Dept.</u><br>Address <u>Box 4168</u><br><u>Charleston, W. Va.</u><br>Farm <u>Hoard-Baldwin</u><br>Well No. <u>59-S-1101</u><br>District <u>Stonewall</u> County <u>Wayne</u><br>Drilling commenced <u>9-1-60</u><br>Drilling completed _____ Total depth _____<br>Date shot _____ Depth of shot _____<br>Initial open flow _____/10ths Water in _____ Inch<br>Open flow after tubing _____/10ths Merc. in _____ Inch<br>Volume _____ Cu. Ft.<br>Rock pressure _____ lbs. _____ hrs.<br>Oil _____ bbls., 1st 24 hrs.<br>Fresh water <u>60</u> feet _____ feet<br>Salt water <u>595</u> feet _____ feet | CASING AND TUBING | USED IN DRILLING  | LEFT IN WELL | PACKERS            |
|---|-------------------|-------------------|--------------|--------------------|
|   | Size              |                   |              |                    |
| 16  |                   |                   |              | Size of _____      |
| 13  |                   |                   |              | Depth set _____    |
| 10  |                   | <u>12' (wood)</u> |              | Perf. top _____    |
| 8 1/4   |                   | <u>24 1'</u>      |              | Perf. bottom _____ |
| 6 5/8   |                   |                   |              | Perf. top _____    |
| 5 3/16  |                   |                   |              | Perf. bottom _____ |
| 3   |                   |                   |              |                    |
| 2   |                   |                   |              |                    |
| Liners Used _____   |                   |                   |              |                    |
| CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____   |                   |                   |              |                    |
| COAL WAS ENCOUNTERED AT <u>98</u> FEET <u>24</u> INCHES   |                   |                   |              |                    |
| _____ FEET _____ INCHES _____ FEET _____ INCHES   |                   |                   |              |                    |
| _____ FEET _____ INCHES _____ FEET _____ INCHES   |                   |                   |              |                    |

Drillers' Names Halden Moore

Harry Barnett

Remarks: Salt Sand 506'-953'; Big Lime 1085'; run 1101' of 7" casing. Casing leaked and now pulling casing to ream hole and re-run.

9-16-60  
DATE

*J.W. R...*  
RECEIVED  
SEP 1960  
WEST VIRGINIA  
DISTRICT WELL INSPECTOR  
08/25/2023







|  |  |  |  |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
|--|--|--|--|--|---|---|---|------------------------------------|----------------------------------|---|-----|--|---------------------------------------|--|--|
| 1.0 API well number:<br>(If not available, leave blank. 14 digits.)  | <u>47-099-1288</u>   |  |  |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| 2.0 Type of determination being sought:<br>(Use the codes found on the front of this form.)  | <u>108</u><br>Section of NGPA  | <u>NA</u><br>Category Code                           |  |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| 3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)   | <u>NA</u> feet   |  |  |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| 4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)  | <u>Industrial Gas Corporation</u><br>Name<br><u>P. O. Box 1473</u><br>Street<br><u>Charleston</u><br>City  |  | <u>009283</u><br>Seller Code                                   |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| 5.0 Location of this well: [Complete (a) or (b).]<br>(a) For onshore wells (35 letters maximum for field name.)  | <u>NA</u><br>Field Name<br><u>Wayne</u><br>County  |  | <u>WV</u><br>State<br><u>25325</u><br>Zip Code                 |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| (b) For OCS wells:   | <u>NA</u><br>Area Name   |  | <u>NA</u><br>Block Number<br><br><u>NA</u><br>OCS Lease Number |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| (c) Name and identification number of this well: (35 letters and digits maximum.)  | <u>Hoard Baldwin 59-1101</u>   |  |  |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)  | <u>NA</u>  |  |  |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| 6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)   | <u>See Addendum "A"</u><br><u>Houdaille Industries, Inc.</u><br>Name   |  | <u>N/Available</u><br>Buyer Code                               |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| (b) Date of the contract:  | <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border: 1px solid black; padding: 2px;">1</td> <td style="border: 1px solid black; padding: 2px;">2</td> <td style="border: 1px solid black; padding: 2px;">2</td> <td style="border: 1px solid black; padding: 2px;">6</td> <td style="border: 1px solid black; padding: 2px;">7</td> <td style="border: 1px solid black; padding: 2px;">3</td> </tr> <tr> <td style="text-align: center;">Mo.</td> <td style="text-align: center;">Day</td> <td style="text-align: center;">Yr.</td> <td colspan="3"></td> </tr> </table> |  |  | 1  | 2 | 2 | 6 | 7                                  | 3                                | Mo.                                     | Day | Yr.  |                                       |  |  |
| 1  | 2  | 2  | 6  | 7  | 3 |   |   |                                    |                                  |   |     |  |                                       |  |  |
| Mo.  | Day  | Yr.  |  |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| (c) Estimated annual production:   | <u>2.4</u> MMcf.   |  |  |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| 7.0 Contract price: See Addendum "A"<br>(As of filing date. Complete to 3 decimal places.)   | (a) Base Price (\$/MMBTU)  | (b) Tax  | (c) All Other Prices [Indicate (+) or (-).]                    | (d) Total of (a), (b) and (c)  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| 8.0 Maximum lawful rate:<br>(As of filing date. Complete to 3 decimal places.)   | <u>1.283</u>   | <u>0.051</u>   | <u>0.003</u>   | <u>1.336</u>   |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| 9.0 Person responsible for this application:   | <u>2.243</u>   | <u>0.302</u>   | <u>0.0</u>   | <u>2.545</u>   |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Agency Use Only</td> </tr> <tr> <td style="padding: 2px;">Date Received by Juris. Agency<br/><u>FEB 28 1979</u></td> </tr> <tr> <td style="padding: 2px;">Date Received by FERC</td> </tr> </table> | Agency Use Only  | Date Received by Juris. Agency<br><u>FEB 28 1979</u> | Date Received by FERC  | <table style="width:100%;"> <tr> <td style="width:60%; padding: 2px;"><u>William C. Charlton</u><br/>Name</td> <td style="width:40%; padding: 2px;"><u>Division Counsel</u><br/>Title</td> </tr> <tr> <td colspan="2" style="padding: 2px;"><i>William C. Charlton</i><br/>Signature</td> </tr> <tr> <td style="padding: 2px;"><u>02/28/79</u><br/>Date Application is Completed</td> <td style="padding: 2px;"><u>(304) 342-8166</u><br/>Phone Number</td> </tr> </table> |   |   |   | <u>William C. Charlton</u><br>Name | <u>Division Counsel</u><br>Title | <i>William C. Charlton</i><br>Signature |     | <u>02/28/79</u><br>Date Application is Completed | <u>(304) 342-8166</u><br>Phone Number |  |  |
| Agency Use Only  |  |  |  |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| Date Received by Juris. Agency<br><u>FEB 28 1979</u>   |  |  |  |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| Date Received by FERC  |  |  |  |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| <u>William C. Charlton</u><br>Name   | <u>Division Counsel</u><br>Title   |  |  |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| <i>William C. Charlton</i><br>Signature  |  |  |  |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |
| <u>02/28/79</u><br>Date Application is Completed   | <u>(304) 342-8166</u><br>Phone Number  |  |  |  |   |   |   |                                    |                                  |   |     |  |                                       |  |  |

FT7900806/2-2

08/25/2023



PARTICIPANTS:

DATE:

OCT 19 1979

BUYER-SELLER CO

WELL OPERATOR: Industrial Gas Corporation

009283

FIRST PURCHASER: Houdaille Industries, Inc.

OTHER:

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
790228-108-099-1288  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

Quarries as Section 108, Stupper well.  
 Robert [Signature]

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121  Items not completed - Line No. \_\_\_\_\_
- 2 IV-1 - Agent William C. Charlton
- 3 IV-2 - Well Permit
- 4 IV-6 - Well Plat
- 5 IV-35- Well Record  Drilling  Deepening \_\_\_\_\_
- 6 IV-36- Gas-Oil Test:  Gas Only \_\_\_\_\_ Was Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_
- 7 IV-39- Annual Production 2 years
- 8 IV-40- 90 day Production 93 Days off Line: \_\_\_\_\_
- 9 IV-48- Application for Certification. Complete?
- 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 -  56 - 57 - 58. Complete  Affidavit Signed
- 18 - 28 Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_ Structure Map \_\_\_\_\_  
 1:4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_ Gas Analyses \_\_\_\_\_
- (5) Date ~~Completed~~ Commenced: 9-1-60 frac \_\_\_\_\_ Deepened \_\_\_\_\_
- (5) Production Depth: 1165-1214; 1277-1333; 1947-1994; 2224-2804
- (5) Production Formation: Big Lime; Grey InJan; Br. Shale; SLATE - Br. Shale
- (5) Final Open Flow Initial Potential: 39 MCF D
- (5) Static R.P. After frac 375 # 69 hrs.
- (6) Other Gas Test: \_\_\_\_\_
- (7) Avg. Daily Gas from Annual Production:  $(\frac{2447}{366}) = 6.68$  MCF
- (8) Avg. Daily Gas from 90-day ending w/1-120 days  $(\frac{654}{93}) = 7.03$  MCF
- (8) Line Pressure: 23" PSIG from Daily Rep
- (5) Oil Production: NO From Completion Report \_\_\_\_\_ 08/25/2023
- (10-17) Does lease inventory indicate enhanced recovery being done: NO
- (10-17) Is affidavit signed?  Notarized?

Does official well records in the Department confirm the submitted information? yes

Additional Information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_

Was Determination Objective? to? \_\_\_\_\_ By Whom? \_\_\_\_\_

mk on



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

Date 02/28, 1979

Operator's Well No. 59-1101

API Well No. 47 - 099 - 1288  
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

DESIGNATED AGENT William C. Charlton

ADDRESS P. O. Box 1473

Charleston, WV 25325

WELL OPERATOR Industrial Gas Corporation LOCATION: Elevation 667.82'

ADDRESS P. O. Box 1473

Charleston, WV 25325

Watershed Not Available

Dist. Stonewall County Wayne Quad N/Available

GAS PURCHASER \* \_\_\_\_\_

Gas Purchase Contract No. \* \_\_\_\_\_

ADDRESS \_\_\_\_\_

Meter Chart Code R0205

Date of Contract \* \_\_\_\_\_

\*See FERC-121 - Addendum "A"

\* \* \* \* \*

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

(See Attachment)

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

All records required to determine production by meter stations are maintained in Charleston, West Virginia.

B&O Tax Records are located in Charleston, West Virginia, our Boston, Massachusetts office and the Houston, Texas office.

Royalty payment instructions are located in Charleston, West Virginia office and Houston, Texas office.

08/25/2023



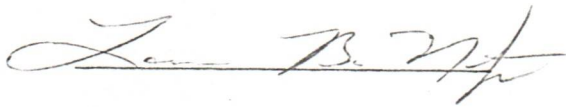
Describe the search made of any records listed above:

I have made a diligent search of the production records located in Charleston, West Virginia. They were the records utilized in making the determination herein.

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes  No . If yes, indicate the type and source of the information.

AFFIDAVIT

I, Lawrence B. Mentzer, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.



STATE OF WEST VIRGINIA,

COUNTY OF Kanawha, TO WIT:

I, Charlotte I. Mathews, a Notary Public in and for the state and county aforesaid, do certify that Lawrence B. Mentzer whose name is signed to the writing above, bearing date the 28 day of February, 19 79, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 28 day of February, 19 79.

My term of office expires on the 5th day of December, 19 85.

08/25/2023



Notary Public



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

Date February 28, 1979

Operator's Well No. 59-1101

API Well No. 47 - 099 - 1288  
State County Permit

Previous File No. NA  
(if Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Industrial Gas Corporation

DESIGNATED AGENT William C. Charlton

ADDRESS P. O. Box 1473  
Charleston, W. Va. 25325

ADDRESS P. O. Box 1473  
Charleston, W. Va. 25325

Gas Purchase Contract No. \* \_\_\_\_\_ and Date \_\_\_\_\_  
(Month, day and year)

Meter Chart Code R0205

Name of First Purchaser \* \_\_\_\_\_

(Street or P. O. Box)

(City) (State) (Zip Code)

FERC Seller Code 009283

FERC Buyer Code \_\_\_\_\_

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 108 Section of NGPA NA Category Code
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

(\*See FERC-121 Addendum "A" )

William C. Charlton Division Counsel  
Name (Print) Title

William C. Charlton  
Signature

P. O. Box 1473  
Street or P. O. Box

Charleston, W. Va. 25325  
City State (Zip Code)

(304) 342-8166  
Area Phone Number  
Code

(Certificate of Proof of Service to Purchaser)

See Separate Certificate Attached

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request,  for certification of the above described well as meeting the requirements of Section \_\_\_\_\_ under the Natural Gas Policy Act of 1978. (NGPA);  or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA);  or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. \_\_\_\_\_.

Initial review of information submitted indicates the well  is.  is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

William C. Charlton  
Director

FEB 28 1970  
Date received by  
Jurisdictional Agency

By \_\_\_\_\_  
Title \_\_\_\_\_ **08/25/2023**





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

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 CABOT OIL AND GAS CORPORATION )
REQUESTING CLASSIFICATION UNDER ) CAUSE NO. 26
SECTION 107 OF CERTAIN WELLS IN )
BOONE, KANAWHA, LINCOLN, LOGAN ) ORDER NO. 5-2
AND WAYNE COUNTIES, WEST VIRGINIA,)
AS DEVONIAN SHALE WELLS. )

REPORT OF THE OFFICE

This cause first came before the Administrator of the Office of Oil and Gas on December 3, 1981, at 1:00 p.m., in the First Floor Conference Room, 1615 Washington Street, East, Charleston, West Virginia, and upon applicant's request was continued April 14, 1982, at 10:00 a.m., in Conference Room C, Capitol Conference Center, Charleston, West Virginia, after giving notice of hearing as required by law on the applications of Cabot Oil and Gas Corporation for classification of a group of wells drilled prior to November 1, 1979, in Boone, Kanawha, Lincoln, Logan and Wayne Counties, West Virginia, 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 16 of Chapter 22-4-1-(w).
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--in (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 the Devonian Shale.
5. The applicant proposed to qualify forty-four (44) wells that were drilled prior to November 1, 1979, as Devonian Shale completions by regulation 272.101-(c).



6. Applicant established seven (7) groups of wells for which one (1) Gamma Ray log was presented for analysis. For each reference well the Gamma Ray index computation was made showing the non-shale section to be less than five percent (5%) of the Devonian Age interval penetrated. The geological witness stated that each well in each group would have a comparable Devonian section to the reference well.

7. The witness further explained certain sections of the Gamma Ray log that had abnormal readings did not represent grain size, but rather reflected radioactive components of the rock.

8. Of the seven (7) Gamma Ray Logs analyzed, the disqualifying lithology ranged from 0.0% to 1.6%.

9. A cross-section from West to East (A-A') across the area from Wayne to Boone Counties shows the same general characteristics, i.e. the gray shales near the top of the section with little or no radiation deviation grading to brown with depth and greater deviation caused by increased amounts of radioactive material.

10. The witness, a geologist, stated neither color nor radiation change appeared to reflect a change in grain size.

11. A cross-section from North to South (B-B') across the area from Kanawha to Logan Counties shows the same general characteristics, i.e. the gray shales near the top of the section with little or no radiation deviation grading to brown with depth and greater deviation caused by increased amounts of radioactive material.

12. Gases produced from the entire Devonian section are both gray and brown shales.

13. Applicant requested withdrawal of well No. 47-043-0953.

#### 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

It is Ordered the wells tabulated are found to be capable of producing from the Devonian Shale and are classified as Section 107 wells.

08/25/2023



GROUP I Log No. 47-099-1697 as Exhibit No. 3 1% Non-Shale

47-099-0043 47-099-0598  
47-099-0341 47-099-0961  
47-099-0342 47-099-1274  
47-099-0490 47-099-1490  
47-099-0561

GROUP II Log No. 47-099-1757 as Exhibit No. 4 1.6% Non-Shale

47-099-0869  
47-099-1273  
47-099-1288

GROUP III Log No. 47-043-1637 as Exhibit No. 5 0.14% Non-Shale

47-043-0954  
47-099-0359  
47-099-0417  
47-099-0485 Also has Core Analysis Study - Exhibit No. 6

GROUP IV Log No. 47-005-1342 as Exhibit No. 7 0.1% Non-Shale

47-005-0673 47-043-0183 47-045-0166  
47-005-0675 47-043-0695  
47-005-0676 47-043-1110  
47-005-0808 47-043-1168  
47-005-0809 47-043-1171 Three (3) other wells in the area  
47-005-0924 47-043-1405 have qualified as 107.  
47-005-1009 47-043-1409

GROUP V Log No. 47-045-1074 as Exhibit No. 8 0.0% Non-Shale

47-045-0009

GROUP VI Log No. 47-005-1360 as Exhibit No. 9 0.2% Non-Shale

47-005-0044 47-005-0847  
47-005-0371 47-005-0851  
47-005-0505 47-005-0862 This group also used Log No.  
47-005-0842 47-005-0875 47-005-1349 as Exhibit No. 10 - 0%

GROUP VII Log No. 47-039-3749 as Exhibit No. 11 0.0% Non-Shale

47-039-1775  
47-039-1895  
47-043-1186



The Office of Oil and Gas further incorporates the Report of the Office and the Findings of Fact and Conclusion of Law dated April 14, 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 8th day of June, 1982.

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: Thomas E. Huzzey  
Thomas E. Huzzey, Administrator



RECEIVED

OCT 22 1981

OIL & GAS DIVISION  
DEPT. OF MINES

|   |  |         |   |                                  |
|---|--|---------|---|----------------------------------|
| 1.0 API well number:<br>(If not available, leave blank. 14 digits.)   | 47- 099 - 1288   |         |   |                                  |
| 2.0 Type of determination being sought:<br>(Use the codes found on the front of this form.)                                   | 107<br>Section of NGPA   | T       | N/A<br>Category Code                              |                                  |
| 3.0 Depth of the deepest completion location:<br>(Only needed if sections 103 or 107 in 2.0 above.)                           | 2846 feet  |         |   |                                  |
| 4.0 Name, address and code number of applicant:<br>(35 letters per line maximum. If code number not available, leave blank.)  | Cabot Oil & Gas Corporation<br>Name<br>P. O. Box 628<br>Street<br>Charleston<br>City |         | WV<br>State                                       | 25322<br>Zip Code                |
| 5.0 Location of this well: [Complete (a) or (b).]<br>(a) For onshore wells<br>(35 letters maximum for field name.)            | Stonewall<br>Field Name<br>Wayne<br>County   |         |   |                                  |
| (b) For OCS wells:  | N/A  |         |   |                                  |
| (c) Name and identification number of this well:<br>(35 letters and digits maximum.)  | Hoard Baldwin 59-1101  |         |   |                                  |
| (d) If code 4 or 5 in 2.0 above, name of the reservoir:<br>(35 letters maximum.)  | N/A  |         |   |                                  |
| 6.0 (a) Name and code number of the purchaser:<br>(35 letters and digits maximum. If code number not available, leave blank.) | Tennessee Gas Pipeline Company<br>Name   |         | 018629<br>Buyer Code                              |                                  |
| (b) Date of the contract:   | 0 8 1 7 7 9<br>Mo. Day Yr.   |         |   |                                  |
| (c) Estimated annual production:  | MMcf.  |         |   |                                  |
|   | (a) Base Price<br>(\$/MMBTU)   | (b) Tax | (c) All Other<br>Prices [Indicate<br>(+) or (-).] | (d) Total of (a),<br>(b) and (c) |
| 7.0 Contract price:<br>(As of filing date. Complete to 3 decimal places.)   | 110% of #2 Fuel Oil  |         |   |                                  |
| 8.0 Maximum lawful rate:<br>(As of filing date. Complete to 3 decimal places.)  | 130% of #2 Fuel Oil  |         |   |                                  |
| 9.0 Person responsible for this application:  | James R. Cramblett<br>Name   |         | Regional Manager<br>Drilling & Prod.<br>Title     |                                  |
| Agency Use Only<br>Date Received by Juris. Agency<br><b>OCT 22 1981</b><br>Date Received by FERC                              | James R. Cramblett<br>Signature  |         | (304) 344-8355<br>Phone Number                    |                                  |
|   | October 20, 1981<br>Date Application is Completed                                    |         |   |                                  |

08/25/2023



FEB 12 1982

PARTICIPANTS:

DATE:

BUYER-SELLER CODE

WELL OPERATOR:

Cabot Oil & Gas Corp.

000728

FIRST PURCHASER:

Tennessee Gas Pipeline Co.

018629

OTHER:

W. Va. Department of Mines, Oil & Gas Division

WELL DETERMINATION FILE NUMBER

811022 .107 .099 = 1288

Use Above File Number on all Communications  
Relating to Determination of this Well

*Qualifies F. H. Huzzey*

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121  Items not completed - Line No. All 7.0 + 8.0
- 2. IV-1 Agent  James R. Cramblett
- 3. IV-2 Well Permit
- 4. IV-6 Well Plat
- 5. IV-35 Well Record  Drilling  Deepening
- 6. IV-36 Gas-Oil Test: Gas Only  Was Oil Produced?  Ratio
- 7. IV-39 Annual Production  years
- 8. IV-40 90 day Production  Days off line:
- 9. IV-48 Application for certification. Complete?
- 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete?  Affidavit Signed
- 18-28. Other: Survey  Logs  Geological Charts   
Structure Map  1: 4000 Map  Well Tabulations   
Gas Analyses
- (5) Date commenced: 9-1-60 Date completed 10-11-60 Deepened
- (5) Production Depth: 2478-2677, 1165-1214
- (5) Production Formation: Bo. Shale, Big lime Behind pipe
- (5) Final Open Flow: 39 MCF
- (5) After Frac. R. P. 375# 67 hrs.
- (6) Other Gas Test:
- (7) Avg. Daily Gas from Annual Production:
- (8) Avg. Daily Gas from 90-day ending w/1-120 days
- (8) Line Pressure:  PSIG from Daily Report
- (5) Oil Production:  From Completion Report
- 0-17. Does lease inventory indicate enhanced recovery being done No
- 0-17. Is affidavit signed?  Notarized?  08/25/2023
- Does official well record with the Department confirm the submitted information? yes
- Additional information  Does computer program confirm?
- As Determination Objected to  By Whom?

*F*



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

Date October 20, 19 81

Operator's Well No. Hoard Baldwin 59-1101

API Well No. 47 - 099 - 1288  
State County Permit

WELL CLASSIFICATION FORM

HIGH COST GAS WELL - DEVONIAN SHALE  
NGPA Section 107

*No Log Available*

DESIGNATED AGENT James R. Cramblett  
ADDRESS P. O. Box 628  
Charleston, WV 25322

WELL OPERATOR Cabot Oil & Gas Corp.  
ADDRESS P. O. Box 628  
Charleston, WV 25322

LOCATION: Elevation 667.82'  
Watershed N/A  
Dist. Stonewall County Wayne Quad. Wayne

GAS PURCHASER Tennessee Gas Pipeline Co.  
ADDRESS P. O. Box 2511  
Houston, TX 77001

Gas Purchase Contract No. GSC140  
Meter Chart Code N/A  
Date of Contract 8/17/79

\* \* \* \* \*

Date surface drilling began: September 1, 1960

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

$$BHP = P_1 + P_1(eGL/53.34T - 1)$$

$P_1 = 389.7$  PSIA      BHP = 414.4 PSIA  
 $T = 95^\circ$   
 $G = .69$   
 $L = 2528'$

AFFIDAVIT

I, Paul L. Gebhard, having been first sworn according to law, state that, the well is producing natural gas produced from the fractures, micropores and bedding planes of shales deposited during the Paleozoic Devonian Period as generally found in the subsurface of the Appalachian Basin and in the surface outcrops around its periphery. For the purposes of this statement, Devonian shale is defined as that shale stratigraphic interval that lies between the base of the Mississippian Berea Sand or, if absent, that of the Osage Series, and the top of the Onondaga limestone formation or its chert equivalent, the top of the Huntersville group of carbonates. As shown by the pertinent portion of the gamma ray log attached to this filing, the percentage of potentially disqualifying non-shale footage is equal to or less than the five percent (5%) of the gross Devonian age producing interval. I have no knowledge of any information not included in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

Paul L. Gebhard T  
Geologist

STATE OF WEST VIRGINIA,  
COUNTY OF Kanawha, TO WIT:

I, Lorene Miller, a Notary Public in and for the state and county aforesaid, do certify that Paul L. Gebhard, whose name is signed to the writing above, bearing date the 20th day of October, 19 81, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 20th day of October, 19 81 08/25/2023  
My term of office expires on the 5th day of March, 19 89.

Lorene Miller  
Notary Public



DEPARTMENT OF MINES, OIL AND GAS DIVISION

Operator's Well No. Hoard Baldwin 59-110

API Well No. 47 - 099 - 1288  
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. N/A  
(If Applicable)

WELL OPERATOR Cabot Oil & Gas Corporation

DESIGNATED AGENT James R. Cramblett

ADDRESS P. O. Box 628  
Charleston, WV 25322

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Charleston, WV 25322

Gas Purchase Contract No. GSC140 and Date 8/17/79  
(Month, day and year)

Meter Chart Code N/A

Name of First Purchaser Tennessee Gas Pipeline Company

P. O. Box 2511  
Houston TX 77001  
(City) (State) (Zip Code)

FERC Seller Code 000728

FERC Buyer Code 018629

TYPE OF DETERMINATION BEING SOUGHT:

107

N/A

- (1) Initial determination (See FERC Form 121.) Section of NGPA 107 Category Code N/A
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Regional Manager

James R. Cramblett Drilling & Production  
Name (Print) Title

James R. Cramblett  
Signature

P. O. Box 628  
Street or P. O. Box

Charleston WV 25322  
City State (Zip Code)

(304) 344-8355  
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

"STATEMENT ATTACHED"

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request,  for certification of the above described well as meeting the requirements of Section 107 under the Natural Gas Policy Act of 1978, (NGPA);  or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA);  or for determination of a seasonally affected well under Section 108 of (NGPA)

All interested parties are hereby notified that on the      day of     , 19    , at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No.     

Initial review of information submitted indicates the well  is,  is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

OCT 22 1981

By J. R. Cramblett Director  
Title

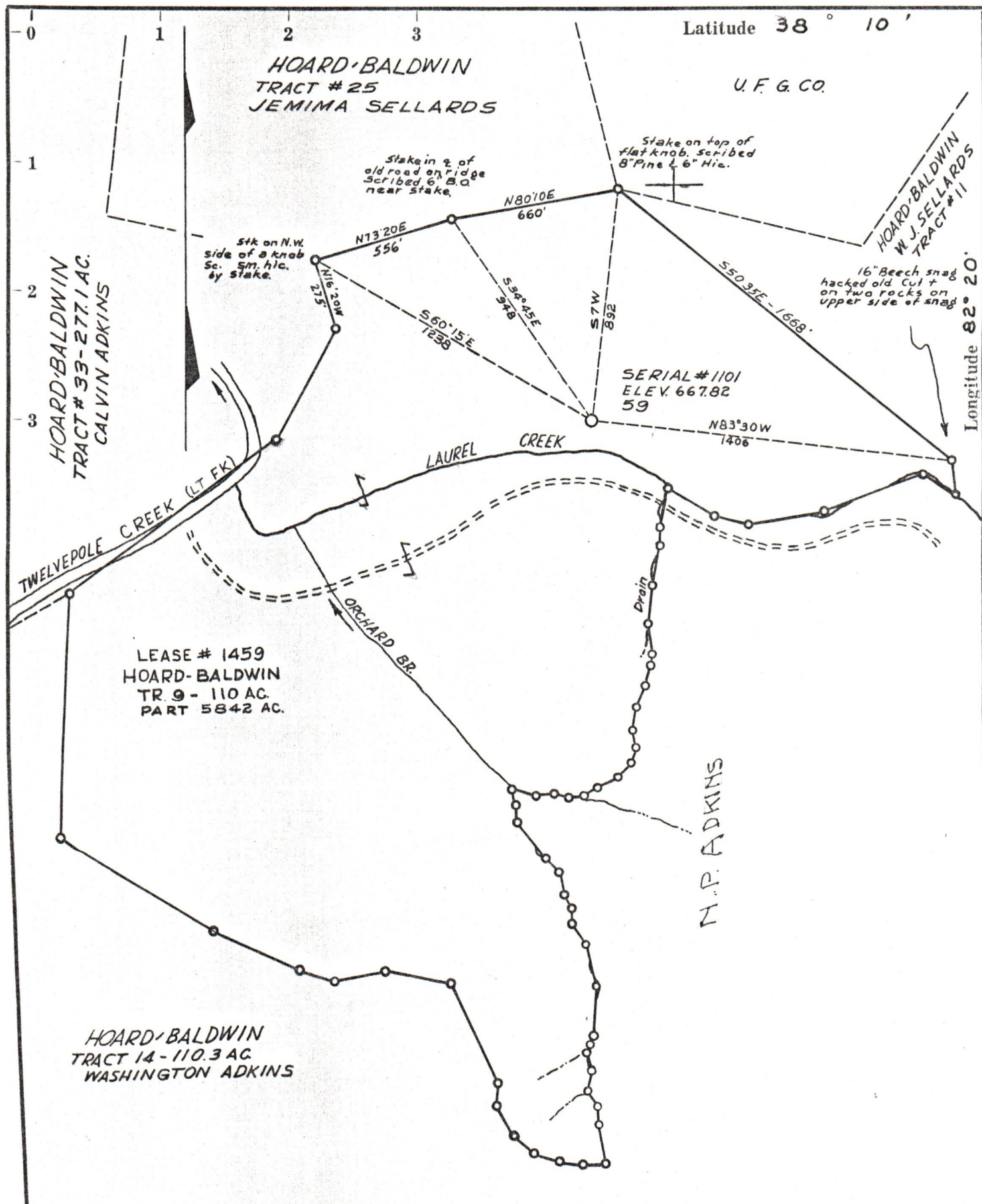
Date received by  
Jurisdictional Agency

08/25/2023









- New Location.
- Drill Deeper. ....
- Redrill. ....
- Abandonment. ....

BK. 119 P 10

Company OWENS, LIBBEY-OWENS GAS DEPT.  
 Address BOX 4168 CHARLESTON 4, W.VA.  
 Farm HOARD-BALDWIN  
PART 5842 AC.  
 Tract 9 Acres 110 Lease No. 1459  
 Well (Farm) No. 59 Serial No. 1101  
 Elevation (Spirit Level) 667.82  
 Quadrangle WAYNE  
 County WAYNE District STONEWALL  
 Engineer T.S. FLOURNOY  
 Engineer's Registration No. 269  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date MAY 6 1960 Scale 1" = 500 FT.

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

WELL LOCATION MAP  
 FILE NO. WAY 08/23/2023

+ 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.