

New Location...  
 Drill Deeper...  
 Abandonment... X

|                             |                               |            |             |
|-----------------------------|-------------------------------|------------|-------------|
| Company                     | PITTSBURGH & W. VA. GAS       |            |             |
| Address                     | CLARKSBURG, W. VA.            |            |             |
| Farm                        | ANNA PALMER ET AL             |            |             |
| Tract                       | Acres                         | Lease No.  | 107.84 3481 |
| Well (Farm) No.             | ONE                           | Serial No. | 2214        |
| Elevation (Spirit Level)    | 1288 VA                       |            |             |
| Quadrangle                  | MANNINGTON N.W. 4 3           |            |             |
| County                      | WETZEL District CHURCH        |            |             |
| Engineer                    | <i>J. J. J. J.</i>            |            |             |
| Engineer's Registration No. | 1084                          |            |             |
| File No.                    | V. 124 - P. 114 Drawing No.   |            |             |
| Date                        | DEC. 15, 1943 Scale 1" = 500' |            |             |

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

**WELL LOCATION MAP**  
 FILE NO. WET-463-A

+ 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.

HS

ANNA PALMER ET AL, No 1 (221A) - PGH. & W. VA. GAS Co. - WET-463-A



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

914

Ab/ 463-A

WELL RECORD

Permit No. \_\_\_\_\_ Oil or Gas Well "GAS"  
(KIND)

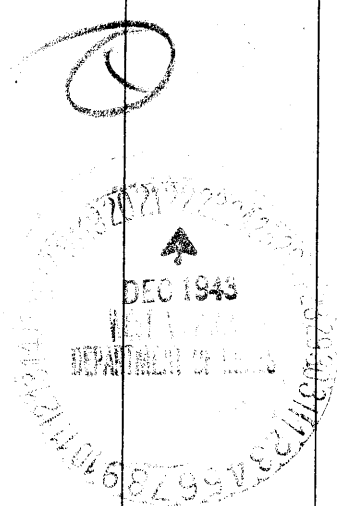
Company Pittsburgh & West Virginia Gas Company  
Address Clarksburg, West Va.  
Farm Anna Palmer Acres 109  
Location (waters) Mannington N.W. 4-3  
Well No. 2214 Elev. 1288'  
District Church County Wetzel  
The surface of tract is owned in fee by Anna Russell et al.  
Address Burton, West Va.  
Mineral rights are owned by Anna Russell et al.  
Address Burton, West Va.  
Drilling commenced October 17, 1907  
Drilling completed November 18, 1907  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers        |
|-------------------|------------------|--------------|----------------|
| Size              |                  |              |                |
| 16                |                  |              | Kind of Packer |
| 18                |                  |              |                |
| 10                | 275'             | 275'         | Size of        |
| 8 1/4             | 1595'            | 1595'        |                |
| 6 3/4             | 2343'            | 2343'        | 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 1024 FEET 60 INCHES  
1130 FEET 60 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

| Formation    | Color | Hard or Soft | Top  | Bottom | Oil, Gas or Water | Depth Found | Remarks   |
|--------------|-------|--------------|------|--------|-------------------|-------------|-----------|
| Unrecorded   |       |              | 00   | 1024   |                   |             |           |
| A. T. Coal   |       |              | 1024 | 1029   |                   |             |           |
| Unrecorded   |       |              | 1029 | 1130   |                   |             |           |
| Pgh. Coal    |       |              | 1130 | 1135   |                   |             |           |
| Unrecorded   |       |              | 1135 | 1595   |                   |             |           |
| Dunkard      |       |              | 1595 | 1665   |                   |             |           |
| Unrecorded   |       |              | 1665 | 1880   |                   |             |           |
| Gas Sand     |       |              | 1880 | 1915   | Water             | 1900'       | 2 Bailers |
| Unrecorded   |       |              | 1915 | 1960   |                   |             |           |
| Salt Sand    |       |              | 1960 | 2000   |                   |             |           |
| Unrecorded   |       |              | 2000 | 2255   |                   |             |           |
| Maxon        |       |              | 2255 | 2285   |                   |             |           |
| Unrecorded   |       |              | 2285 | 2305   |                   |             |           |
| Big Lime     |       |              | 2305 | 2363   |                   |             |           |
| Big Injun    |       |              | 2363 | 2595   | Gas               | 2374'       |           |
| Slate        |       |              | 2595 | 3060   |                   |             |           |
| 30 ft. Sand  | Dark  | Hard         | 3060 | 3105   |                   |             |           |
| Slate        |       |              | 3105 | 3137   |                   |             |           |
| 30 ft. Sand  | Dark  | Hard         | 3137 | 3162   |                   |             |           |
| Red Rock     |       |              | 3162 | 3178   |                   |             |           |
| Slate        | Dark  |              | 3178 | 3192   |                   |             |           |
| Sand         |       |              | 3192 | 3204   |                   |             |           |
| Slate        |       |              | 3204 | 3245   |                   |             |           |
| Gordon Stray |       |              | 3245 | 3263   |                   |             |           |
| Unrecorded   |       |              | 3263 | 3271   |                   |             |           |
| Gordon       |       | Hard         | 3271 | 3287   |                   |             |           |
| Unrecorded   |       |              | 3287 | 3310   |                   |             |           |
| Fourth Sand  | Dark  | Hard         | 3310 | 3340   |                   |             |           |
| Unrecorded   |       |              | 3340 | 3365   |                   |             |           |
| Fifth Sand   |       |              | 3365 | 3375   |                   |             |           |
| Unrecorded   |       |              | 3375 |        |                   |             |           |
| Total Depth  |       |              |      | 3631'  |                   |             |           |



| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-----------|-------|--------------|-----|--------|-------------------|-------------|---------|
|           |       |              |     |        |                   |             |         |

Date December 16, 1943, 194

APPROVED PITTSBURGH & WEST VIRGINIA GAS CO., Owner

By *J. E. Barden* (Title) Mgr

## ANNA PALMER NO. 1 (2214) WELL.

Church District, Wetzel County, W. Va.

By Pittsburgh &amp; W. Va. Gas Co., Clarksburg, W. Va.

Abandoned under permit ~~Wet-153-A~~.On 109 acres; Mannington ~~N/W 4-3~~. 463-A

Elevation, 1288' L.

Surface and minerals owned by Anna Russell et al., Burton, W. Va.

Drilling commenced Oct. 17, 1907; completed Nov. 18, 1907.

10" casing, 275'; 8 1/2", 1595'; 6 1/2", 2343'.

Coal was encountered at 1024-1029 and 1130-1135'.

Gas well. Abandonment reported to Dept. of Mines Dec. 16, 1943.

Record to RCT from Mrs. Griffith March 30, 1944. Old File No. 914.

|                                    | Top. | Bottom. |
|------------------------------------|------|---------|
| Unrecorded                         | 0    | - 1024  |
| Mapletown (Sewickley) Coal         | 1024 | - 1029  |
| Unrecorded                         | 1029 | - 1130  |
| Pittsburgh Coal                    | 1130 | - 1135  |
| Unrecorded                         | 1135 | - 1595  |
| Dunkard Sand                       | 1595 | - 1665  |
| Unrecorded                         | 1665 | - 1880  |
| Gas Sand (water, 1900', 2 bailers) | 1880 | - 1915  |
| Unrecorded                         | 1915 | - 1960  |
| Salt Sand                          | 1960 | - 2000  |
| Unrecorded                         | 2000 | - 2255  |
| Maxton Sand                        | 2255 | - 2285  |
| Unrecorded                         | 2285 | - 2305  |
| Big Line                           | 2305 | - 2363  |
| Big Injun Sand (gas, 2374')        | 2363 | - 2595  |
| Slate                              | 2595 | - 3060  |
| 50-Ft. Sand, dark, hard            | 3060 | - 3105  |
| Slate                              | 3105 | - 3137  |
| 30-Ft. Sand, dark, hard            | 3137 | - 3162  |
| Red rock                           | 3162 | - 3178  |
| Slate, dark                        | 3178 | - 3192  |
| Sand                               | 3192 | - 3204  |
| Slate                              | 3204 | - 3245  |
| Gordon Stray Sand                  | 3245 | - 3263  |
| Unrecorded                         | 3263 | - 3271  |
| Gordon Sand, hard                  | 3271 | - 3287  |
| Unrecorded                         | 3287 | - 3310  |
| Fourth Sand, dark, hard            | 3310 | - 3340  |
| Unrecorded                         | 3340 | - 3365  |
| Fifth Sand                         | 3365 | - 3375  |
| Unrecorded                         | 3375 | - ....  |
| Total depth                        |      | 3631    |