



2-3-5  
0-33W

79° 55'

Redrill   
 New Location   
 Drill Deeper   
 Abandonment

Company KEYSTONE GAS CO.  
 Address CITIZENS TRUST CANNONBURG PA.  
 Farm E.C. ARKWRIGHT TRACT #1  
 Tract No. 1 Acres 20.00 Lease No. \_\_\_\_\_  
 Well (Farm) No. 3 Serial No. 60  
 Elevation (Spirit Level) 795.97  
 Quadrangle MORGANTOWN  
 County MONONGALIA District CASS  
 Engineer Ralph E. Baker  
 Engineer's Registration No. 441  
 File No. 2-190-201 Drawing No. \_\_\_\_\_  
 Date JUNE 15-1955 Scale 1" = 400'

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

**WELL LOCATION MAP**  
 FILE NO. MON-217-Redrill

+ 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.

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Morgantown*

WELL RECORD

Permit No. Mon-217-R

Oil or Gas Well Gas  
(KIND)

Company Keystone Gas Co.  
Address Canonsburg Pa.  
Farm E.C. Arkwright Acres 20  
Location (waters) Crooked Run  
Well No. 60 Elev. 792.97  
District Cass County Monongalia  
The surface of tract is owned in fee by E.C. Arkwright  
Address Morgantown, W. Va.  
Mineral rights are owned by Myrtie Sterling  
18 Mayflower Drive Address Uniontown, Pa.  
Drilling commenced July 18, 1955  
Drilling completed August 1, 1955  
Date Shot From To  
With  
Open Flow 16 /10ths Water in 1 1/2 Inch  
16 /10ths Wt. in Inch  
Volume 70,558 Cu. Ft.  
Rock Pressure 550 lbs. 36 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              |                  |                 | Kind of Packer         |
| 16                |                  |                 | <u>Gas Anchor</u>      |
| 18                |                  |                 | Size of <u>6 5/8 X</u> |
| 10                |                  |                 | <u>53/16</u>           |
| 8 3/4             | <u>567' 8"</u>   | <u>567' 8"</u>  | Depth set <u>970'</u>  |
| 6 3/4             |                  |                 |                        |
| 5 3/16            | <u>1193' 2"</u>  | <u>1193' 2"</u> |                        |
| 3                 |                  |                 | Perf. top              |
| 2                 |                  |                 | Perf. bottom           |
| Liners Used       |                  |                 | Perf. top              |
|                   |                  |                 | Perf. bottom           |

CASING CEMENTED SIZE No. Ft.  
COAL WAS ENCOUNTERED AT FEET INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

| Formation             | Color | Hard or Soft | Top  | Bottom | Oil, Gas or Water | Depth Found      | Remarks |
|-----------------------|-------|--------------|------|--------|-------------------|------------------|---------|
| Slate & shells        |       | Hard & soft  | 1142 | 1154   |                   |                  |         |
| Broken lime           |       | Med.         | 1154 | 1195   |                   |                  |         |
| Sand                  |       | Hard         | 1195 | 1283   | gas               | 1250             | smell   |
| Lime                  |       | Soft         | 1283 | 1286   | " "               | 1282             | " "     |
| <del>Lime</del> Sand  | dark  | Hard         | 1286 | 1330   |                   |                  |         |
| Slate                 | light | soft         | 1330 | 1333   |                   |                  |         |
| Lime                  | gray  | med.         | 1333 | 1405   |                   |                  |         |
| Slate and lime shells |       | h & soft     | 1405 | 1457   |                   |                  |         |
| Lime                  |       | hard         | 1457 | 1482   |                   |                  |         |
| Slate                 |       | soft         | 1482 | 1488   |                   |                  |         |
| Sand                  |       | hard         | 1488 | 1496   |                   |                  |         |
| Slate & shells        |       | h & s        | 1496 | 1545   |                   |                  |         |
| Gritty lime           |       |              | 1545 | 1584   |                   |                  |         |
| Lime                  |       |              | 1584 | 1588   |                   |                  |         |
| Sand                  |       |              | 1588 | 1600   |                   |                  |         |
| Gritty lime           |       |              | 1600 | 1620   |                   |                  |         |
| Sand                  |       | hard         | 1620 | 1643   |                   |                  |         |
| Slate                 |       | soft         | 1643 | 1647   |                   |                  |         |
| Sand                  |       | hard         | 1647 | 1678   |                   |                  |         |
| Slate & lime          |       | h & s        | 1678 | 1745   |                   |                  |         |
| Red rock & shells     |       |              | 1745 | 1763   |                   |                  |         |
| Lime                  | pink  |              | 1763 | 1770   |                   |                  |         |
| Sand                  | "     | med.         | 1770 | 1786   |                   |                  |         |
| Slate & shells        |       |              | 1786 | 1805   |                   |                  |         |
| R rock & shells       |       |              | 1805 | 1921   |                   |                  |         |
| R rock & sand shells  |       |              | 1921 | 1977   |                   |                  |         |
| Slate & shells        |       |              | 1977 | 1990   |                   |                  |         |
| Sandy shells          |       |              | 1990 | 2003   | gas               | 1998             |         |
| Sand                  |       | soft         | 2003 | 2057   |                   | 2000             |         |
| Gritty lime           |       |              | 2057 | 2073   |                   | 2015             |         |
| Sand                  |       |              | 2073 | 2083   |                   | 2022             |         |
| Slate                 |       |              | 2083 | 2086   |                   | total depth 2086 |         |

