

5295  
0180

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

Note: Mineral Rights owned by Franklin P. Maxwell Hrs. % Hayman Maxwell Jr., Clarksburg, W. Va.

Company HENDERSON & HOLLAND  
 Address JO. M. HENDERSON, AGENT  
WEST UNION, W. VA.  
 Farm MARY LOU HOLLAND  
 Tract \_\_\_\_\_ Acres 78.125 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1151'  
 Quadrangle CENTERPOINT SW  
 County DODDRIDGE District NEW MILTON  
 Engineer JOHN W. HAMILTON  
 Engineer's Registration No. 2274  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date MAR. 25, 1961 Scale 1" = 30 POLES

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

**WELL LOCATION MAP**  
 FILE NO. DOD-539

+ 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.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 2

Quadrangle Centerpoint

Permit No. DOD-539

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Sugar Gas Company  
Address West Union, W. Va.  
Farm Mary Lou Holland Acres 78.125  
Location (waters) Sugar Camp Run  
Well No. 1 Elev. 1151  
District New Milton County Doddridge  
The surface of tract is owned in fee by Mary H. Holland, et als, Address West Union, W. Va.  
Mineral rights are owned by Franklin Maxwell Heirs, Haymond Maxwell, Jr. Address Clarksburg, W. Va.  
Drilling commenced May 12, 1961  
Drilling completed June 21, 1961  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow 30 /10ths Water in 1 Inch  
\_\_\_\_\_/10ths Merc. in \_\_\_\_\_ Inch  
Volume 70 M Cu. Ft.  
Rock Pressure 125 lbs. 14 hrs.  
Oil none bbls., 1st 24 hrs.  
WELL ACIDIZED 1,000 gas.

| Casing and Tubing | Used in Drilling | Left in Well | Packers        |
|-------------------|------------------|--------------|----------------|
| Size              |                  |              | Kind of Packer |
| 16                |                  |              | <u>none</u>    |
| 13                |                  |              | Size of        |
| 10                | <u>345</u>       | <u>----</u>  | Depth set      |
| 8 3/4             | <u>1144</u>      | <u>----</u>  | Perf. top      |
| 6 5/8             | <u>1544</u>      | <u>----</u>  | Perf. bottom   |
| 5 3/16            | <u>2075</u>      | <u>----</u>  | Perf. top      |
| 3                 |                  |              | Perf. bottom   |
| 2                 |                  |              |                |
| Liners Used       |                  |              |                |

CASING CEMENTED 5-3/16 SIZE 400 No. Ft. 6/17/61 date  
15 sks. Cement - 4 sks. Aquagel - Garaton Service

COAL WAS ENCOUNTERED AT none FEET INCHES  
\_\_\_\_ FEET INCHES FEET INCHES  
\_\_\_\_ FEET INCHES FEET INCHES

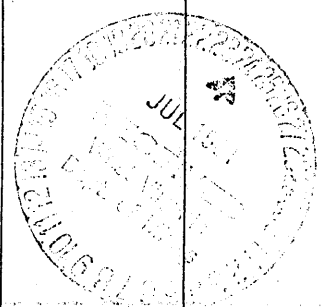
WELL FRACTURED Yes, 900 bbls. water, June 26, 1961

RESULT AFTER TREATMENT Volume 3,000 mcf

ROCK PRESSURE AFTER TREATMENT 610 lbs. 24 Hours

Fresh Water 90' & 1475' Feet Salt Water none Feet

| Formation   | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth | Remarks |
|-------------|-------|--------------|-----|--------|-------------------|-------|---------|
| Clay        |       |              | 0   | 20     |                   |       |         |
| Slate       |       |              | 20  | 75     |                   |       |         |
| Red rock    |       |              | 75  | 90     |                   |       |         |
| Slate       |       |              | 90  | 110    |                   |       |         |
| Sand        |       |              | 110 | 145    |                   |       |         |
| Black Slate |       |              | 145 | 155    |                   |       |         |
| White Slate |       |              | 155 | 195    |                   |       |         |
| Red rock    |       |              | 195 | 210    |                   |       |         |
| Slate       |       |              | 210 | 260    |                   |       |         |
| Red rock    |       |              | 260 | 270    |                   |       |         |
| Slate       |       |              | 270 | 290    |                   |       |         |
| Sand        |       |              | 290 | 320    |                   |       |         |
| Red rock    |       |              | 320 | 370    |                   |       |         |
| Slate       |       |              | 370 | 420    |                   |       |         |
| Lime        |       |              | 420 | 440    |                   |       |         |
| Red rock    |       |              | 440 | 460    |                   |       |         |
| Slate       |       |              | 460 | 470    |                   |       |         |
| Red rock    |       |              | 470 | 500    |                   |       |         |
| Slate       |       |              | 500 | 700    |                   |       |         |
| Black slate |       |              | 700 | 710    |                   |       |         |
| Slate       |       |              | 710 | 730    |                   |       |         |
| Sand        |       |              | 730 | 750    |                   |       |         |
| Slate       |       |              | 750 | 780    |                   |       |         |
| Red rock    |       |              | 780 | 860    |                   |       |         |
| Slate       |       |              | 860 | 870    |                   |       |         |
| Sand        |       |              | 870 | 920    |                   |       |         |
| Slate       |       |              | 920 | 940    |                   |       |         |
| Red rock    |       |              | 940 | 960    |                   |       |         |



(over)

| Formation      | Color | Hard or Soft | Top <i>2</i> | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|----------------|-------|--------------|--------------|--------|-------------------|-------------|---------|
| Slate          |       |              | 960          | 1011   |                   |             |         |
| Red rock       |       |              | 1011         | 1035   |                   |             |         |
| Sand           |       |              | 1035         | 1050   |                   |             |         |
| Slate          |       |              | 1050         | 1130   |                   |             |         |
| Sand           |       |              | 1130         | 1157   |                   |             |         |
| Slate          |       |              | 1157         | 1180   |                   |             |         |
| Gritty lime    |       |              | 1180         | 1190   |                   |             |         |
| Slate          |       |              | 1190         | 1195   |                   |             |         |
| Sand           |       |              | 1195         | 1323   |                   |             |         |
| Black Slate    |       |              | 1323         | 1333   |                   |             |         |
| Sand           |       |              | 1333         | 1383   |                   |             |         |
| Slate & shells |       |              | 1383         | 1405   |                   |             |         |
| Hard sand      |       |              | 1405         | 1455   |                   |             |         |
| Soft sand      |       |              | 1455         | 1475   |                   |             |         |
| Black slate    |       |              | 1475         | 1490   |                   |             |         |
| Sand           |       |              | 1490         | 1525   |                   |             |         |
| White slate    |       |              | 1525         | 1535   |                   |             |         |
| Sand           |       |              | 1535         | 1620   |                   |             |         |
| Black slate    |       |              | 1620         | 1695   |                   |             |         |
| Sand           |       |              | 1695         | 1815   |                   |             |         |
| Black slate    |       |              | 1815         | 1870   |                   |             |         |
| Maxon sand     |       |              | 1870         | 1920   |                   |             |         |
| Red rock       |       |              | 1920         | 1940   |                   |             |         |
| Slate          |       |              | 1940         | 1965   |                   |             |         |
| Little lime    |       |              | 1965         | 1980   |                   |             |         |
| Pencil         |       |              | 1980         | 1997   |                   |             |         |
| Slate          |       |              | 1997         | 2007   |                   |             |         |
| B. M. Sand     |       |              | 2007         | 2045   | Gas 2021'         |             |         |
| B. lime        |       |              | 2045         | 2087   | Gas 2087,         |             |         |
| Sand           |       |              | 2087         | 2165   | 2092, 2155        |             |         |
| Shale          |       |              | 2165         | 2197   | T.D. 2160         |             |         |
|                |       |              | 2197 1/2 Log |        |                   |             |         |

Date July 17, 19 61

APPROVED Sugar Gas Co, Owner

By Robert L. Holland  
(Title) agent