

13/1





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

Arnoldsburg Quadrangle \_

| Permit | No | 348 | X |
|--------|----|-----|---|
|        |    |     |   |

## WELL RECORD

Gas

| Permit No.   | W W Month Demon Routes A & Research C E & Research |                             | Oil or Gas Well(KIND) |                         |        |
|--|--|-----------------------------|-----------------------|-------------------------|--------|
| Company  Address  Farm  Hope Natural Gas Company  Clarks b. rg, W. Va.  Sarah E. Sickle  Acres | Casing and Tubing                                  | Used in<br>Drilling         | Left in<br>Well       | Packers  Kind of Packer |        |
| Location (waters)  | Size 1613  | XXXX                        | XXX.3X                |                         |        |
| The surface of tract is owned in fee byAddress   | 10   | 213<br>915                  | 213<br>915            | Size of                 |        |
| Mineral rights are owned by  Address   | 65/8   | 2051.                       | 2051                  | Depth set_              |        |
| Drilling commenced 1-21-27  Drilling completed 1-21-27  Date Shot 12-8-27  From 2170  To 21    | 90   |                             |                       | Perf. botto             | m      |
| With   | Liners Used  |                             |                       | Perf. top Perf. bottom  |        |
| Volume 150 M Merc, in 222  | Inch<br>Cu. Ft. CASING CEM                         | ENTED<br>No cemen           | _size                 | No. Ft                  | Date   |
| Rock Pressurelbsbbls.,   | COAT THAC T  | м <i>о</i> фий <b>те</b> ве | D AT                  | FEET                    | INCHES |
| WELL ACIDIZED No   | FEE  | TINC                        | CHES                  | FEET                    | INCHES |
| WELL FRACTURED   | FEE  | TINO                        | CHES                  | FEET                    | INCHES |
|  |  |                             |                       |                         |        |

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT.

1/10 % 1810,

Fresh Water\_ Salt Water\_ \_Feet\_ Hard or Soft Oil, Gas or Water Formation Color Тор Bottom Depth Remarks 1185 1135 Sand Water 14101 Gas Sard 1240 1325 1460 lst Salt 2nd Salt 1420 1500 1560 1660 1725 Sand 1810: 1785 Water MAXTON 1948 2020 1990 Little Lime Pencil Cave 2020 2030 2100 2030 BIG LIME 2120-951 2100 2195 Gas BIG INJUN 22451 TOTAL DEPTH March 9, 1959 JUL 23 1959 Hope Natural Gas Company

(over)