



Map Sh. 57 S 25 E 6 FB 939 P 10

Company Hope Natural Gas Co.  
 Address Clarksburg, W. Va.  
 Farm R. B. Carpenter  
 Tract \_\_\_\_\_ Acres 80 Lease No. 53160  
 Well (Farm) No. \_\_\_\_\_ Serial No. 8283  
 Elevation (Spirit Level) 1123'  
 Quadrangle Weston  
 County Lewis District Freeman Crk  
 Engineer W. M. Bowers  
 Engineer's Registration No. 900  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 10-3-49 Scale 1" = 40 P

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

**WELL LOCATION MAP**  
 FILE NO. LCW-531-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.



605

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. 531-A

Oil or Gas Well (KIND)

Company Hope Natural Gas Company.  
 Address 445 West Main St. Clarksburg, W. Va.  
 Farm R. B. Carpenter Acres 80  
 Location (waters) \_\_\_\_\_  
 Well No. 8283 Elev 1123  
 District Freemans Creek County Lewis  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced September 23, 1919  
 Drilling completed November 20, 1919  
 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 980 feet \_\_\_\_\_ feet

| Casing and Tubing | Used in Drilling | Left in Well  | Packers        |
|-------------------|------------------|---------------|----------------|
| Size              |                  |               | Kind of Packer |
| 16                |                  |               |                |
| 13                |                  |               |                |
| 10                | <u>164</u>       | <u>Pulled</u> | Size of        |
| 8 1/2             |                  |               |                |
| 6 5/8             | <u>1326</u>      | <u>1326</u>   | Depth set      |
| 5 3/16            |                  |               |                |
| 3                 |                  |               | Perf. top      |
| 2                 | <u>2166</u>      | <u>2166</u>   | Perf. bottom   |
| Liners Used       |                  |               | Perf. top      |
|                   |                  |               | Perf. bottom   |

CASING CEMENTED NOT SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT Below FEET \_\_\_\_\_ INCHES \_\_\_\_\_  
 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

| Formation      | Color | Hard or Soft | Top  | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|----------------|-------|--------------|------|--------|-------------------|-------------|---------|
| Little Dunkard |       |              | 240  | 270    |                   |             |         |
| Big Dunkard    |       |              | 325  | 430    |                   |             |         |
| Gas sand       |       |              | 435  | 600    |                   |             |         |
| First Salt     |       |              | 625  | 700    |                   |             |         |
| Second Salt    |       |              | 800  | 1005   | water show gas    | 980         |         |
| Maxon          |       |              | 1108 | 1120   |                   |             |         |
| Little Lime    |       |              | 1243 | 1256   |                   |             |         |
| Pencil cave    |       |              | 1256 | 1266   |                   |             |         |
| Big Lime       |       |              | 1266 | 1321   |                   |             |         |
| Big Injun      |       |              | 1321 | 1454   | show gas          | 1390        |         |
| Squaw          |       |              | 1475 | 1490   |                   |             |         |
| Berea          |       |              | 1520 | 1545   |                   |             |         |
| Gantz          |       |              | 1622 | 1638   |                   |             |         |
| Fifty foot     |       |              | 1715 | 1733   |                   |             |         |
| Thirty foot    |       |              | 1814 | 1828   |                   |             |         |
| Gordon stray   |       |              | 1830 | 1880   | gas               | 1835        |         |
| Gordon         |       |              | 1890 | 1938   |                   |             |         |
| Fourth         |       |              | 1945 | 1980   |                   |             |         |
| Fifth          |       |              | 2117 | 2133   | gas               | 2120 2128   |         |
| Total depth    |       |              |      | 2166   |                   |             |         |



