



New Location   
 Drill Deeper   
 Abandonment  Partial

Map Sh. 69 S 27 E 3 F.B. 922 P. 21.

|                             |                      |             |               |
|-----------------------------|----------------------|-------------|---------------|
| Company                     | Hope Natural Gas Co. |             |               |
| Address                     | Clarksburg W.Va.     |             |               |
| Farm                        | W. B. McNemar        |             |               |
| Tract                       | Acres 18             | Lease No.   | 53109         |
| Well (Farm) No.             |                      | Serial No.  | 8213          |
| Elevation (Spirit Level)    | 1392'                |             |               |
| Quadrangle                  | Vadis                |             |               |
| County                      | Lewis                | District    | Freeman Creek |
| Engineer                    | W. M. Bowers         |             |               |
| Engineer's Registration No. | 900                  |             | SE            |
| File No.                    |                      | Drawing No. |               |
| Date                        | 2-14-49              | Scale       | 1" = 20P      |

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

**WELL LOCATION MAP**  
 FILE NO. LEW-471-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.



546

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. 471-A

Oil or Gas Well \_\_\_\_\_ (KIND)

Company Hope Natural Gas Company.  
 Address 445 West Main St., Clarksburg, W. Va.  
 Farm W. B. McNemar Acres 18  
 Location (waters) \_\_\_\_\_  
 Well No. 8213 Elev. 392  
 District Freemans Creek County Lewis  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced March 28, 1909  
 Drilling completed May 3, 1909  
 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 none recorded feet \_\_\_\_\_ feet  
 Salt water none recorded feet \_\_\_\_\_ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers        |
|-------------------|------------------|--------------|----------------|
| Size              |                  |              | Kind of Packer |
| 16                |                  |              |                |
| 13                |                  |              |                |
| 10                | 270              | Pulled       | Size of        |
| 8 1/4             | 920              | 920          |                |
| 6 5/8             | 1671             | 1671         | 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 52 FEET 48 INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

| Formation   | Color | Hard or Soft | Top  | Bottom | Oil, Gas or Water      | Depth Found | Remarks |
|-------------|-------|--------------|------|--------|------------------------|-------------|---------|
| Coal        |       |              | 52   | 56     |                        |             |         |
| Big Dunkard |       |              | 540  | 560    |                        |             |         |
| First Salt  |       |              | 790  | 860    |                        |             |         |
| Second Salt |       |              | 880  | 920    |                        |             |         |
| Little Lime |       |              | 1560 | 1580   |                        |             |         |
| Pencil cave |       |              | 1580 | 1590   |                        |             |         |
| Big Lime    |       |              | 1590 | 1647   |                        |             |         |
| Big Injun   |       |              | 1647 | 1805   | show oil 1656 gas 1700 |             |         |
| Gordon      |       |              | 2249 | 2279   | gas 2252               | 2272 2274   |         |
| Fifth       |       |              | 2475 | 2492   | gas                    | 2478        |         |
| Total depth |       |              |      | 2541   |                        |             |         |



