



Company HOPE NATURAL GAS Co
 Address CLARKSBURG, WVA.
 Farm A.T. SWIGER
 Tract 1 Acres 106 Lease No. _____
 Well (Farm) No. 1 Serial No. 2141
 Elevation (Spirit Level) 1133
 Quadrangle CLARKSBURG
 County HARRISON District EAGLE
 Engineer Wm Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date OCT. 2-1940 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. HAR-604A

+ 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

Eagle District, Harrison County, W. Va.

By Hope Natural Gas Co., 645 W. Main St., Clarksburg, W. Va.

Abandoned under permit Har-604-A.

On 106 acres, on Tenmile Creek.

Elevation, 1133' L.

Drilling commenced March 8, 1911; completed, May 1, 1911.

Shot May 2, 1911, at 2370'.

No water recorded.

10" casing, 174' (pulled); 8 $\frac{1}{2}$ "¹, 1036' (pulled); 6 $\frac{5}{8}$ "¹, 1396';
5 $\frac{3}{8}$ "¹, 2164'; 2" tubing, 2408' (pulled).

Casing not cemented.

Starts below coal.

Gas well. Abandonment reported to Dept. of Mines Oct. 1, 1940.

Record to RCT from Mrs. Griffith November 19, 1940.

| | Top. | Bottom. |
|-------------------------------|------|---------|
| Little Dunkard Sand | 440 | - 460 |
| Big Dunkard Sand | 480 | - 560 |
| Gas Sand | 685 | - 755 |
| First Salt Sand (gas, 775') | 770 | - 875 |
| Second Salt Sand | 880 | - 1030 |
| Little Lime | 1300 | - 1310 |
| Pencil Cave | 1310 | - 1322 |
| Big Lime | 1322 | - 1383 |
| Big Injun Sand (gas, 1433') | 1383 | - 1465 |
| Squaw Sand | 1522 | - 1540 |
| Gantz Sand (gas, 1880') | 1860 | - 1897 |
| Fifty-foot Sand | 1935 | - 2065 |
| Gordon Stray Sand | 2140 | - 2200 |
| Gordon Sand (gas, 2210-2215') | 2200 | - 2232 |
| Fourth Sand | 2240 | - 2280 |
| Fifth Sand (gas, 2375') | 2375 | - 2377 |
| Total depth | | 2406 |

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

494

WELL RECORD

Oil or Gas Well Gas
(KIND)

Ab 604A

Permit No. 604A

Company Hope Natural Gas Company
Address 445 West Main St., Clarksburg, W. Va.
Farm A.T. Swiger Acres 106
Location (waters) Ten Mile Creek
Well No. 2141 Elev. 1133
District Eagle County Harrison
The surface of tract is owned in fee by.....
Address.....
Mineral rights are owned by.....
Address.....
Drilling commenced March 8, 1911
Drilling completed May 1, 1911
Date shot May 2, 1911 Depth of shot 2370
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 | | | |
| 16 | | | Kind of Packer..... |
| 13 | | | |
| 10 | <u>174</u> | <u>Pulled</u> | Size of..... |
| 8 1/4 | <u>1036</u> | <u>Pulled</u> | |
| 6 5/8 | <u>1396</u> | <u>1396</u> | Depth set..... |
| 5 3/16 | <u>2164</u> | <u>2164</u> | |
| 3 | | | Perf. top..... |
| 2 | <u>2408</u> | <u>Pulled</u> | Perf. bottom..... |
| Liners Used..... | | | Perf. top..... |
| | | | Perf. bottom..... |

Not Cemented
CASING CEMENTED..... SIZE..... No. Ft..... Date.....
Below Seal
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 |
|------------------------------|-------|--------------|----------------------|--------|-------------------|-------------|---------|
| Little Dunkard | | | 440 | 460 | | | |
| Big Dunkard | | | 480 | 560 | | | |
| Gas Sand | | | 685 | 755 | | | |
| First Salt Sand | | | 770 | 875 | Gas | 775 | |
| Second Salt Sand | | | 880 | 1030 | | | |
| Little Lime | | | 1300 | 1310 | | | |
| Pencil Cave | | | 1310 | 1322 | | | |
| Big Lime | | | 1322 | 1363 | | | |
| Big Injun Sand | | | 1363 1383 | 1465 | Gas | 1433 | |
| Squaw Sand | | | 1522 | 1540 | | | |
| Gantz Sand | | | 1860 | 1897 | Gas | 1880 | |
| Fifty Foot Sand | | | 1935 | 2065 | | | |
| Gordon Stray Sand | | | 2140 | 2200 | | | |
| Gordon Sand | | | 2200 | 2232 | Gas | 2210-2215 | |
| Fourth Sand | | | 2240 | 2280 | | | |
| Fifth Sand | | | 2375 | 2377 | Gas | 2375 | |
| Total Depth | | | | 2406 | | | |



