

New Location
 Drill Deeper
 Abandonment

MAP 54-140 SQ. S. 5 E. 55; FB. 1050 P. 26-27

| | |
|---|--|
| Company <u>HOPE NATURAL GAS CO.</u> | |
| Address <u>CLARKSBURG, W.VA.</u> | |
| Farm <u>10A E. SHAFFER</u> | |
| Tract _____ | Acres <u>67</u> Lease No. <u>64101</u> |
| Well (Farm) No. _____ | Serial No. <u>9767</u> |
| Elevation (Spirit Level) <u>2077'</u> | |
| Quadrangle <u>KINGWOOD</u> | |
| County <u>PRESTON</u> | District <u>UNION</u> |
| Engineer <u>Ray H. Bradley</u> | |
| Engineer's Registration No. <u>2425</u> | |
| File No. _____ | Drawing No. _____ |
| Date <u>9-24-52</u> | Scale <u>1"=20 Poles</u> |

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

WELL LOCATION MAP

FILE NO. PRES-52

RA 7/14/1953

+ 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 lines of original tracing.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 9

Kingwood

WELL RECORD

Dry
Gas Well
(KIND)

Permit No. PRES-52

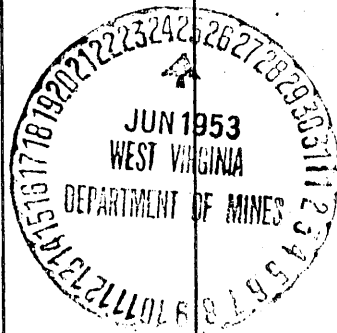
~~XXXXX~~ Gas Well

Company Hope Natural Gas Company
Address 445 West Main St. Clarksburg, W.Va.
Farm Ida E. Shaffer Acres 67
Location (waters) _____
Well No. 9767 Elev. 2077'
District Union County Preston
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 12-23-52
Drilling completed 5-11-53
Date Shot Not 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 _____ feet _____ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------------|
| Size | | | |
| 16 | | | Kind of Packer _____ |
| 13 | 33 | 33 | |
| 10 | 400 | 400 | Size of _____ |
| 8 1/4 | 2150 | 2150 | |
| 6 3/8 | 5271 | 5271 | Depth set _____ |
| 5 3/16 | | | |
| 3 | | | Perf. top _____ |
| 2 | | | Perf. bottom _____ |
| Liners Used | | | Perf. top _____ |
| | | | Perf. bottom _____ |

8" Casing cemented with 42 Bags Cement
CASING CEMENTED SIZE No. Ft. Date
7" Casing set in 60 bags cement.
COAL WAS ENCOUNTERED AT None recorded FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|----------------|-------|--------------|------|--------|-------------------|-------------|------------------|
| Surface | | | 0 | 25 | | | |
| Sand | | | 25 | 45 | | | |
| Lime (hard) | | | 45 | 60 | | | |
| Slate & Shells | | | 60 | 140 | | | |
| Lime (hard) | | | 140 | 175 | Water | 150 | 1 Bailer per Hr. |
| Slate & Shells | | | 175 | 205 | | | |
| Lime | | | 205 | 250 | | | |
| Shale | | | 250 | 270 | | | |
| Lime (hard) | | | 270 | 300 | | | |
| Slate | | | 300 | 330 | | | |
| Lime (hard) | | | 330 | 350 | | | |
| Slate & Shells | | | 350 | 600 | Water | 473 | 5 Bailer Per Hr. |
| Lime | | | 600 | 800 | | | |
| Slate & Shells | | | 800 | 1140 | | | |
| Lime (hard) | | | 1140 | 1390 | | | |
| Slate & Shells | | | 1390 | 1710 | | | |
| Lime | | | 1710 | 1725 | | | |
| Slate & Shells | | | 1725 | 1848 | | | |
| Lime (Gritty) | | | 1848 | 1858 | | | |
| Slate & Shells | | | 1858 | 1950 | | | |
| Lime | | | 1950 | 1960 | | | |
| Slate & Shells | | | 1960 | 2058 | | | |
| BENSON | | | 2058 | 2088 | | | |
| Slate & Shells | | | 2088 | 2190 | | | |
| Lime | | | 2190 | 2200 | | | |
| Slate & Shells | | | 2200 | 3232 | | | |
| Lime | | | 3232 | 3252 | | | |
| Slate & Shells | | | 3252 | 3490 | | | |
| Lime | | | 3490 | 3512 | | | |
| Slate & Shells | | | 3512 | 3755 | | | |
| Brown Shale | | | 3755 | 3840 | | | |
| Slate & Shells | | | 3840 | 4247 | | | |
| Brown Shale | | | 4247 | 4610 | | | |
| Lime | | | 4610 | 4632 | | | |
| Brown Shale | | | 4632 | 4773 | | | |
| TULLEY LIME | | | 4773 | 4798 | | | |
| Shale | | | 4798 | 4816 | | | |
| Slate & Shells | | | 4816 | 5075 | | | |



| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-----------------|-------|--------------|------|--------|-------------------|-------------|----------------|
| Shale | | | 5075 | 5234 | | | |
| Brown Break | | | 5239 | | | | |
| Lime - Onondaga | | | 5239 | 5270 | | | |
| CHERT | | | 5270 | 5400 | | | |
| Shale | | | 5400 | 5419 | | | |
| Lime & Chert | | | 5419 | 5422 | | | |
| ORISKANY | | | 5422 | 5607 | Gas | 5436-68 | Show |
| HELDERBERG | | | 5607 | 5831 | Gas | 5506-11 | |
| | | | | | Salt Water | 5830 | Filled up 650' |
| Total Depth | | | | 5831 | | | |
| | | | 5239 | 5422 | 5607 | | |
| | | | 2077 | 2077 | 2077 | | |
| | | | 3162 | 3345 | 3530 | | |

Date 6-24, 1953

APPROVED _____, Owner

By [Signature]
(Title)