

New Location..
 Drill Deeper.....
 Abandonment.....

3 NW (6-13) Map Sheet 1234-A-1, F.B. 1189, P. 11-12

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W.VA.
 Farm CHARLES SHAHAN
 Tract _____ Acres 79 3/4 Lease No. 59069
 Well (Farm) No. _____ Serial No. 10162
 Elevation (Spirit Level) 1661'
 Quadrangle PARSONS - NW St. George 7.5
 County TUCKER District LICKING
 Engineer Guy H. Bradley
 Engineer's Registration No. 2425
 File No. _____ Drawing No. _____
 Date 3/11/58 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. JUC-27

+ 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.

6-6 260

Deep Well

F59



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle PARSONS

Permit No. TUC-27

WELL RECORD

Oil or Gas Well Gas
(KIND)

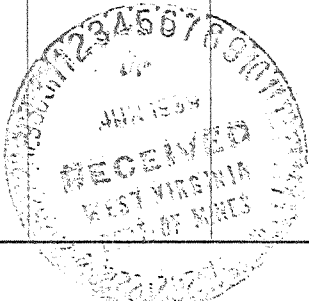
Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm Charles Shahan Acres 80
Location (waters) _____
Well No. 10162 Elev. 1661'
District Licking County Tucker
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 12-4-58
Drilling completed 3-17-59
Date Shot Not From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 1,525 M Cu. Ft.
Rock Pressure 1600# lbs. _____ hrs.
Oil None bbls., 1st 24 hrs.
WELL ACIDIZED No
WELL FRACTURED 3-16-59

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------|
| Size | | | Kind of Packer |
| 16 | | | |
| 13 | 49 | 49 | |
| 10 | 465 | 465 | Size of |
| 8 3/4 | 1261 | 1261 | |
| 6 5/8 | 4122 | 4122 | Depth set |
| 5 3/16 | | | |
| 3 | | | Perf. top |
| 2 | | | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
7" cemented with 100 bags uniflo
COAL WAS ENCOUNTERED AT None FEET _____ INCHES _____
FEET _____ INCHES _____ FEET _____ INCHES _____
FEET _____ INCHES _____ FEET _____ INCHES _____

RESULT AFTER TREATMENT 6,472 M
ROCK PRESSURE AFTER TREATMENT 1600#
Fresh Water 25' Feet Salt Water _____ Feet

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth | Remarks |
|---------------|-------|--------------|------|----------------------------|---|---|---|
| Surface | | | 0 | 6 | | | |
| Blue Lime | | | 6 | 36 | <i>Water</i> | <u>25'</u> | |
| Slate & Shell | | | 36 | 90 | | | |
| Slate | | | 90 | 98 | | | |
| Lime | | | 98 | 345 | | | |
| Slate | | | 345 | 670 | | | |
| Lime | | | 670 | 1090 | | | |
| ✓ BENSON | | | 1090 | 1198 | | | |
| Slate & shell | | | 1198 | 2860 | | | |
| Lime | | | 2860 | 3065 | | | |
| Sand | | | 3065 | 3100 | | | |
| Lime & shale | | | 3100 | 3790 | | | |
| ✓ TULLY | | | 3790 | 3819 | | | |
| Dark Shale | | | 3819 | 4085 | | | |
| ✓ ONONDAGA | | | 4085 | 4108 | | | |
| ✓ CHERT | | | 4108 | 4280 | Gas | Chert | |
| ✓ ORISKANY | | | 4280 | 4385 | Gas | Oriskany | |
| ✓ HELDERBERG | | | 4385 | 4518 | | | |
| TOTAL DEPTH | | | | <u>4518'</u> <u>485</u> | <u>4085</u> <u>1661</u> <u>2424</u> | <u>4280</u> <u>1661</u> <u>2619</u> | <u>4385</u> <u>1661</u> <u>2724</u> |



June 3, 1959
Jack Bailey
Hope Gas Company

(over)

FS9 ✓