

New Location
 Drill Deeper
 Abandonment

Mad Sh. 58 sq. S 19 W. P-35-37

Company Hope Natural Gas Co
 Address Clarksburg, W Va
 Farm R W Golden
 Tract _____ Acres 142 Lease No. 13157
 Well (Farm) No. _____ Serial No. 4031
 Elevation (Spirit Level) 1255'
 Quadrangle Vadis
 County Doddridge District Greenbrier
 Engineer W M Bowers
 Engineer's Registration No. 900
 File No. 8-4-47 Drawing No. _____
 Date _____ Scale 1" = 800'

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

WELL LOCATION MAP
 FILE NO. DOD-569-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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

467

Permit No. 569-A

WELL RECORD

Oil Gas Well

(KIND)

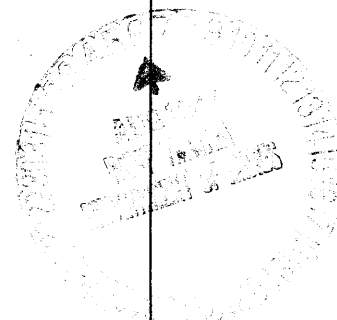
Company Hope Natural Gas Company.
Address 445 West Main St. Clarksburg, W. Va.
Farm R. W. Golden Acres 142
Location (waters) _____
Well No. 4031 Elev. 1256
District Greenbrier County Doddridge
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced Purchased
Drilling completed _____
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 " " feet _____ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|---------------|----------------------|
| Size | | | |
| 16 | | | Kind of Packer _____ |
| 13 | | | |
| 10 | <u>295</u> | <u>Pulled</u> | Size of _____ |
| 8 1/4 | <u>1337</u> | <u>1277</u> | |
| 6 5/8 | <u>1650</u> | <u>1650</u> | Depth set _____ |
| 5 3/16 | <u>2208</u> | <u>2208</u> | |
| 3 | | | Perf. top _____ |
| 2 | <u>2911</u> | <u>Pulled</u> | Perf. bottom _____ |
| Liners Used | | | Perf. top _____ |
| | | | Perf. bottom _____ |

CASING CEMENTED NOT SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 235 FEET 80 INCHES
796 FEET 48 INCHES FEET INCHES
FEET INCHES FEET INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-----------------|-------|--------------|------|--------|-------------------|-------------|---------|
| Native coal | | | 235 | 240 | | | |
| Pittsburgh Coal | | | 796 | 800 | | | |
| Little Dunkard | | | 1228 | 1286 | | | |
| Big Dunkard | | | 1330 | 1357 | | | |
| Gas sand | | | 1592 | 1615 | | | |
| First Salt | | | 1665 | 1720 | | | |
| Second Salt | | | 1756 | 1910 | | | |
| Maxon | | | 2120 | 2130 | | | |
| Little Lime | | | 2156 | 2171 | | | |
| Pencil cave | | | 2191 | 2202 | | | |
| Big Lime | | | 2202 | 2266 | | | |
| Big Injun | | | 2266 | 2346 | | | |
| Thirty foot | | | 2780 | 2804 | gas | 2800 | |
| Gordon Stray | | | 2869 | 2872 | gas | 2872 | |
| Gordon | | | 2896 | 2910 | gas | 2900 | |
| Total depth | | | | 2911 | | | |



| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-----------|-------|--------------|-----|--------|-------------------|-------------|---------|
| | | | | | | | |

Date August 4, 1947., 19

APPROVED Hope Natural Gas Company., Owner

By _____

(Title)
