

4.16S
4.05W

New Location
 Drill Deeper
 Abandonment

Map 5h. 44 5q. 5-7 E-12 F.B. 515 R.37

| | |
|-----------------------------|--------------------------|
| Company | Hope Natural Gas Co. |
| Address | Clarksburg W. Va. |
| Farm | James Robinson |
| Tract | Acres 32 Lease No. 21510 |
| Well (Farm) No. | Serial No. 3182 |
| Elevation (Spirit Level) | 1195' |
| Quadrangle | Clarksburg |
| County | Harrison District Sardis |
| Engineer | Wm Bowers |
| Engineer's Registration No. | 900 |
| File No. | Drawing No. |
| Date | 4-20-45 Scale 1"=400' |

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

WELL LOCATION MAP
 FILE NO. HAR-850-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.



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 850 A

Oil or Gas Well _____ (KIND)

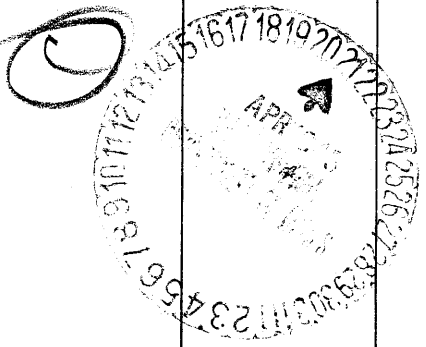
Company Hope Natural Gas Company.
Address 445 West Main St. Clarksburg, W. Va.
Farm Jas. Robinson Acres 32
Location (waters) _____
Well No. 3182 Elev. 1195
District Sardis County Harrison
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced October 22, 1913
Drilling completed December 28, 1913
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 125 610 feet _____ feet
Salt water 900 950 feet _____ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|---------------|----------------|
| Size | | | Kind of Packer |
| 16 | | | |
| 13 | | | |
| 10 | 118 | 118 | Size of |
| 8 1/4 | 1060 | Pulled | |
| 6 5/8 | 1475 | 1475 | Depth set |
| 5 3/16 | 2257 | 2257 | |
| 3 | | | Perf. top |
| 2 | 2489 | Pulled | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

CASING CEMENTED **10"** SIZE **118** No. F. **Oct. 1913** Date

COAL WAS ENCOUNTERED AT **60** FEET **96** INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-----------------|-------|--------------|------|--------|-------------------|-------------|---------|
| Pittsburgh Coal | | | 60 | 68 | water | 125 | |
| Little Dunkard | | | 480 | 520 | | | |
| Big Dunkard | | | 570 | 660 | water | 610 | |
| Gas sand | | | 690 | 720 | | | |
| First Salt | | | 875 | 930 | water | 900 | |
| Second Salt | | | 930 | 1060 | water | 950 | |
| Maxon | | | 1310 | 1355 | | | |
| Little Lime | | | 1370 | 1400 | | | |
| Pencil cave | | | 1400 | 1410 | | | |
| Big Lime | | | 1410 | 1465 | | | |
| Big Injun | | | 1465 | 1510 | gas | 1497 | |
| Squaw | | | 1590 | 1620 | gas | 1595 | |
| Gantz | | | 1985 | 2000 | gas | 1985 | |
| Fifty foot | | | 2025 | 2085 | gas | 2077 | |
| Thirty Foot | | | 2107 | 2158 | | | |
| Gordon | | | 2240 | 2315 | | | |
| Fourth | | | 2325 | 2345 | | | |
| Fifth | | | 2458 | 2460 | gas | 2458-2460 | |
| Total depth | | | | 2489 | | | |



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

Date April 19, 1945, 194

APPROVED Hope Natural Gas Company., Owner

By [Signature] (Title)

Ass't. to Gen. Sup't.