



3.91 S
2.72 W

Latitude 39 10

New Location
Drill Deeper
Abandonment X 8431

Map Sheet 59 Squares S24E3R780P25 & 27

Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Name E. W. & R. M. Waggoner
 Tract _____ Acres 116 Lease No. 53274
 Well (Farm) No. _____ Serial No. See Above
 Elevation (Spirit Level) See Above
 Quadrangle Vadis
 County Lewis District Freemans Creek
 Engineer W. M. Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date Feb. 1, 1946 Scale 1" = 40 P

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

WELL LOCATION MAP
FILE NO. LEW 319-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 or more corners in original tracing.



412

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 319-A Oil or Gas Well (KIND)

Company Hope Natural Gas Company.
 Address 445 West Main St. Clarksburg, W. Va.
 Farm E.W. & R.M. Waggoner Acres 116
 Location (waters) _____
 Well No. 8431 Elev. 1096
 District Freemans Creek County Lewis
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced June 25, 1915
 Drilling completed August 3, 1915
 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 900 930 feet _____ feet
 Salt water none feet _____ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------------|
| Size | | | |
| 16 | | | Kind of Packer _____ |
| 13 | | | |
| 10 | 264 | 264 | Size of _____ |
| 8 1/4 | 979 | 979 | |
| 6 3/8 | 1641 | 1641 | Depth set _____ |
| 5 3/16 | | | |
| 3 | | | Perf. top _____ |
| 2 | | | Perf. bottom _____ |
| Liners Used | | | Perf. top _____ |
| 5 3/16" | 326 | 326 | Perf. bottom _____ |

CASING CEMENTED Not cemented SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT 45 FEET 60 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 | | 45 | 50 | | | |
| Gas sand | | | 780 | 840 | | | |
| First Salt | | | 850 | 940 | water 900 930 | | |
| Second Salt | | | 968 | 1055 | gas 1155 | | |
| Maxon | | | 1368 | 1408 | | | |
| Little Lime | | | 1512 | 1522 | | | |
| Pencil cave | | | 1522 | 1552 | | | |
| Big Lime | | | 1552 | 1622 | | | |
| Big Injun | | | 1622 | 1737 | | | |
| Gordon Stray | | | 2168 | 2268 | gas 2168-86-22-2260 | | |
| Fourth | | | 2300 | 2321 | | | |
| Fifth | | | 2404 | 2420 | gas 2405 2418 | | |
| Total depth | | | | 2443 | | | |



