



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1500

Quadrangle Littleton

Permit No. 1067-A

WELL RECORD

Oil or Gas Well Gas

Company THE MANUFACTURERS LIGHT & HEAT COMPANY
Address 800 Union Trust Building, Pgh. 19, Pa.
Farm W. P. Allen Acres 168
Location (waters) _____
Well No. 2240 Elev. 789
District Green County Wetzel
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced April 23, 1918
Drilling completed April 21, 1918
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 390 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 | | | |
| 10 " | 125 | All | Size of |
| 8 1/4 " | 1080 | Left | |
| 6 5/8 " | 1719 | in Well. | Depth set |
| 5 3/16 | | | |
| 3 | | | Perf. top |
| 2 | | | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

| Formation | Color | SOFT Thickness | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|--------------------|-------|-------------------|------|--------|--|----------------|----------------------|
| Pittsburgh Coal | | 2 | 560 | 562 | | | |
| Big Dunkard | | 49 | 1061 | 1110 | | | |
| Salt Sand | | 54 | 1375 | 1429 | Water at 1375 | | 1-1/2 barrels per, H |
| Maxon Sand | | 25 | 1650 | 1675 | | | |
| Little Lime | | 15 | 1675 | 1680 | | | |
| Slate | | 12 | 1680 | 1692 | | | |
| Big Lime | | 65 | 1692 | 1757 | | | |
| Big Injin Sand | | 16 | 1757 | 1773 | Gas at 1757 to 1765 | | |
| Total Depth | | | 1773 | | Mercury test 74/10 in 4" opening Spring guage test 1st Min. 175 lbs 2nd " 225 " 3 rd " 285 " 4th " 305 " 5th " 320 " Rock 390 " | | |
| Red Clay, red soft | | 15 | 15 | 15 | Slate White soft | 600 | 620 20 |
| Red Rock, red hard | | 15 | 15 | 30 | Red Rock red soft | 620 | 650 30 |
| Lime White hard | | 20 | 30 | 50 | Lime white hard | 650 | 700 50 |
| Slate white soft | | 20 | 50 | 70 | Slate white soft | 700 | 720 20 |
| Lime white hard | | 20 | 70 | 90 | Red Rock red soft | 720 | 740 20 |
| Coal black soft | | 2 | 90 | 92 | Lime white hard | 740 | 760 20 |
| Lime white hard | | 18 | 92 | 110 | Lime white hard | 760 | 780 20 |
| Red Rock red soft | | 20 | 110 | 130 | Sand Blue hard | 780 | 800 20 |
| Slate white soft | | 20 | 130 | 150 | Sand white soft | 800 | 815 15 |
| Lime white hard | | 40 | 150 | 190 | Lime white hard | 815 | 840 25 |
| Coal black soft | | 4 | 190 | 194 | Red Rock red soft | 840 | 880 40 |
| Lime white hard | | 26 | 194 | 220 | White slate soft | 880 | 890 10 |
| Slate white soft | | 30 | 220 | 250 | Blue sand blue hard | 890 | 898 8 |
| Red Rock red soft | | 20 | 250 | 270 | Black Slate soft | 898 | 915 17 |
| Lime white hard | | 20 | 270 | 290 | Rock red soft | 915 | 930 15 |
| Coal black soft | | 5 | 290 | 295 | Lime white hard | 930 | 966 36 |
| Lime white hard | | 15 | 295 | 310 | Slate black hard | 966 | 1006 40 |
| Slate white soft | | 30 | 310 | 340 | Slate white soft | 1006 | 1026 20 |
| Red Rock red soft | | 30 | 340 | 360 | Slate black soft | 1026 | 1056 30 |
| Lime white hard | | 30 | 360 | 390 | Red Rock soft | 1056 | 1061 5 |
| Sand white hard | | 30 | 390 | 420 | Lime dark hard | 1110 | 1127 17 |
| Slate white soft | | 30 | 420 | 450 | Sand White soft | 1127 | 1160 33 |
| Lime white hard | | 20 | 450 | 470 | Lime black soft | 1160 | 1180 20 |
| Slate white soft | | 30 | 470 | 500 | Lime black hard | 1180 | 1215 35 |

RECEIVED
WEST VIRGINIA
DEPT. OF MINES
SEP 1957

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| Formation | Color | BOOK Soft Thickness | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|------------------|-----------------------|---------------------------|-----------------|--------|----------------------|----------------|--------------|
| Lime white hard | | 60 | 500 | 560 | Sand white | hard | 1215 1235 20 |
| Coal black soft | <i>PK</i> | 2 | 560 | 562 | Slate black | soft | 1235 1250 15 |
| Slate white soft | | 8 | 562 | 570 | Slate white | soft | 1250 1280 30 |
| Lime white hard | | 30 | 570 | 600 | Sand hard | | 1280 1326 46 |
| Slate white soft | | 14 | 1326 | 1340 | | | |
| Lime white hard | | 10 | 1340 | 1350 | | | |
| Slate Black soft | | 15 | 1350 | 1365 | | | |
| Lime white hard | | 10 | 1365 | 1375 | | | |
| Slate black soft | <i>miss 1375-1429</i> | 11 | 1429 | 1440 | | | |
| Lime black hard | | 20 | 1440 | 1460 | | | |
| Slate black soft | | 30 | 1460 | 1490 | | | |
| Lime black hard | | 15 | 1490 | 1505 | | | |
| Sand black hard | | 90 | 1505 | 1595 | | | |
| Slate black soft | | 10 | 1595 | 1605 | | | |
| Sand black hard | | 25 | 1605 | 1630 | | | |
| Slate black soft | | 30 | 1630 | 1650 | | | |

Date September 27, 19 57

APPROVED THE MANUFACTURERS LIGHT & HEAT, Owner

By *Walter A. Pomeroy*
(Title) Land Agent