

COAL OWNED BY _____
Partial Plug.

NEW LOCATION.....

DRILL DEEPER.....

ABANDONMENT.....

COMPANY The Manufacturers Light & Heat

ADDRESS 800 Union Trust Bldg. Pgh. Pa.

FARM J.H. & Lucy Teagarden

TRACT _____ ACRES 100 LEASE No. 6537

WELL (FARM) No. 1 SERIAL No. 2193

ELEVATION (SPIRIT LEVEL) 1219.08'

QUADRANGLE Littleton

COUNTY Marshall DISTRICT Liberty

ENGINEER Thomas G. Virgin - J.M.

ENGINEER'S REGISTRATION No. 1503

FILE No. _____ DRAWING No. Y-15-102

DATE 13 Sept. 54 SCALE 1" = 660'

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

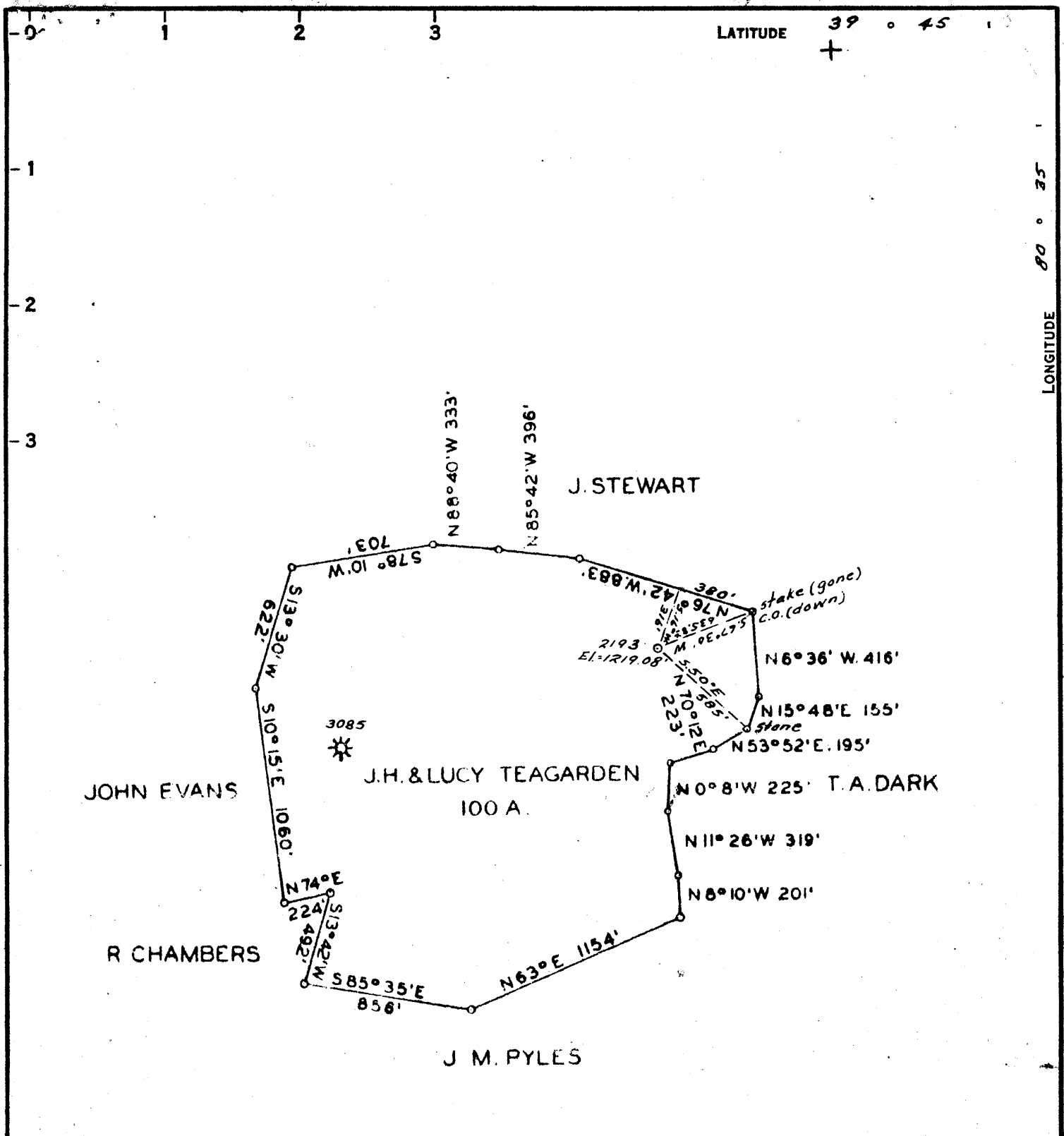
WELL LOCATION MAP

FILE No. MARS-369-A-PP

Sec. 051-0762-T 1933

+ 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.



0.30S
1.63W

COAL OWNED BY _____
Partial Plug.

NEW LOCATION

DRILL DEEPER

ABANDONMENT

COMPANY *The Manufacturers Light & Heat*

ADDRESS *800 Union Trust Bldg. Pgh. Pa.*

FARM *J.H. & Lucy Teagarden*

TRACT _____ ACRES *100* LEASE No. *6537*

WELL (FARM) No. *1* SERIAL No. *2193*

ELEVATION (SPIRIT LEVEL) *1219.08'*

QUADRANGLE *Littleton*

COUNTY *Marshall* DISTRICT *Liberty*

ENGINEER *Thomas G. Virgin - J.M.*

ENGINEER'S REGISTRATION No. *1503*

FILE No. _____ DRAWING No. *Y-15-102*

DATE *13 Sept. 54* SCALE *1" = 660'*

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

WELL LOCATION MAP

FILE No. *MARS-369-A*
now 762

+ 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

Handwritten initials in a circle

WELL RECORD

Permit No. 302A Oil or Gas Well Gas Storage
(KIND)

Company THE MANUFACTURERS LIGHT AND HEAT COMPANY
 Address 800 Union Trust Bldg., Pgh., Penna.
 Farm J. H. & Lucy Teagarden Acres 100
 Location (waters) _____
 Well No. 2193 Elev. 1219.08'
 District Liberty County Marshall
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced September 21, 1918
 Drilling completed October 18, 1918
 Date Shot _____ From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure 360 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 | | | Kind of Packer |
| 16 | | | |
| 13 | | | |
| 10 | 295 | 295 | Size of <u>8 1/2 x 4</u> |
| 8 1/4 | 1400 | 1400 | Depth set <u>1915.7'</u> |
| 6 1/2 | | | |
| 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 600 FEET _____ INCHES
800 FEET _____ INCHES 905 FEET _____ INCHES
1500 FEET _____ INCHES FEET _____ INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|---------------------------|-------|--------------|------|--------|--|-------------|--|
| Waynesburg Coal | | | 600 | 605 | Gas at 1926' Oct. 21, 1918, Well tubed with 4" 10T Tubing and 1 - 8 1/2 x 4 Larkin Anchor Packer set a 1915.07' Cage on top of 3rd jt. Packer on top of 4th jt. Anchor 80.05' 4 jts. 1936.07' 97 jts. Above packer 2017.00' 101 jts. Oct. 22, 1918, Well connected up and shut in at 10"30. Three minute pressure 30 - 65 - 100 (C) | | |
| Mapletown Coal | | | 800 | 805 | | | |
| Pittsburgh Coal | | | 905 | 910 | | | |
| Murphy Sand | | | 1025 | 1065 | | | |
| Little Duskard | | | 1340 | 1365 | | | |
| Big Duskard | | | 1405 | 1500 | | | |
| Coal | | | 1500 | 1505 | | | |
| Sand | | | 1575 | 1595 | | | |
| Sand | | | 1625 | 1645 | | | |
| Line | | | 1710 | 1770 | | | |
| Sand | | | 1780 | 1810 | | | |
| Marion Sand | | | 1890 | 1938 | | | |
| Sand | | | 1961 | 1989 | | | |
| Slate | | | 1989 | 1995 | | | |
| Total Depth | | | 1995 | | | | |
| DRILLED DEEPER JULY, 1920 | | | | | | | |
| Marion Sand | | | 1995 | 2000 | | | Aug. 5, 1920, Well packed in Gordon |
| Big Line | | | 2000 | 2060 | | | Stray sand with 1-6 5/8" x 4" C. M. Hask |
| Big Injan | | | 2060 | 2310 | | | Comb. Packer set at 2861'02" |
| Slate | | | 2310 | 2800 | | | Anchor 184'10" 9 joints |
| Sand Shell | | | 2800 | 2812 | | | Above Paker 2880'06" |
| Sand Shell 50 ft. | | | 2842 | 2857 | | | 3065'08" |
| Gordon Stray | | | 2859 | 2869 | | | Screwage 21'05" |
| Gordon Sand | | | 2907 | 2921 | | | 3044' |
| Sand Shell | | | 2940 | 2946 | | | Cage on top of 8th jt. |
| Sand | | | 2964 | 2976 | | | Packer on top of 9th jt. |
| Slate | | | 2976 | 3044 | | | Rock for 30 Min. 210 |
| Total Depth | | | 3044 | | | | |

SEP 1924
 RECEIVED
 WEST VIRGINIA
 DEPT. OF MINES

1995
 1049

JAN 7 1955

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

Date **SEP. 20,** 1954

APPROVED ~~THE MANUFACTURERS LIGHT AND HEAT COMPANY~~

By *Paul Cooper*
LAND AGENT (Title)