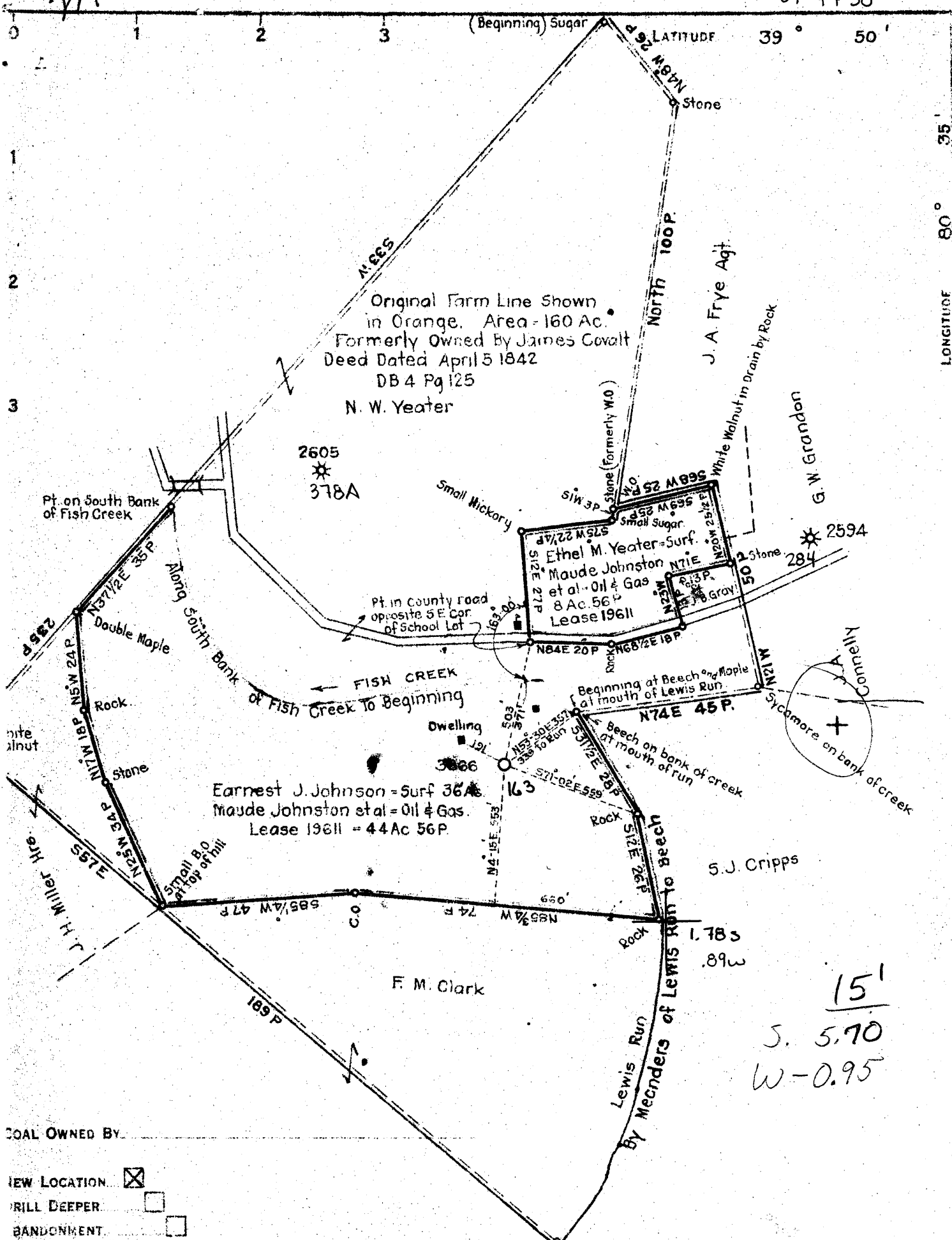


39° 47' 30"

(Beginning) Sugar

LATITUDE 39° 50'

LONGITUDE 80° 35' 00"



COAL OWNED BY _____

WELL LOCATION

DRILL DEEPER

ABANDONMENT

COMPANY THE MANUFACTURERS LIGHT & HEAT CO.

ADDRESS 800 Union Trust Bldg Pittsburgh, Pa.

ARM Maude Johnston et al

TRACT 2 Tracts ACRES 44 Ac 56 P LEASE NO. 19611

WELL (FARM) NO. 1 SERIAL NO. 3866

ELEVATION (SPIRIT LEVEL) 883

QUADRANGLE Cameron

COUNTY Marshall DISTRICT Liberty

ENGINEER *Peter J. Cook*

ENGINEER'S REGISTRATION NO _____

FILE NO _____ DRAWING NO. Y-11-97

DATE Dec 6 1944 SCALE 1"=500'

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

WELL LOCATION MAP

FILE NO. *Mass. 163*

• 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.

15'
S. 5.70
W-0.95

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Mars 163

Cameron Quad.

Company

Address

Farm

Location

Well No.

District

Surface

Mineral

Commenced

Completed

Open flow

Volume

Rock Pressure

The Manufacturers Light & Heat Company

800 Union Trust Bldg., Pittsburgh, Pa.

Maude Johnston Acres 44

1 3866 Elev. 883'

Liberty Marshall County

Maude Johnston, 94 Iowa St., Wheeling, W.Va.

The Mfrs. L & H Co., 800 Union Trust Bldg.,

Pittsburgh, Pa.

4-19-45

6-14-45

100/10ths W 3"

705.475 C.F.

220 lbs. 96 hrs.

Gas Well
CASING & TUBING

10 292' 9 Same

8 1/2 1080' 2 "

6 5/8 1688' "

4 2701' 10 "

Anchor Packer

6 5/8 x 4'

Depth 2512'

Coal at 260' 24";

468' 48"; 566' 60"

Clay, Rock, Slate & Lime	0	115
Red Rock	115	120
Slate	120	135
Rock	135	160
Slate & Lime	160	247
Red Rock	247	255
Slate	255	265
✓ Coal	260	262
Slate & Lime	265	383
Red Rock	383	395
Slate & Lime	395	468
✓ Mapletown Coal	468	472
Lime & Slate	472	566
✓ Pittsburgh Coal	566	571
Slate & Lime	571	660
Red Rock	660	673
Sand	673	690
Slate	690	703
Red Rock	703	738
Slate & Lime	738	780
Red Rock	780	805
Slate & Lime	805	850
Red Rock	850	896
Lime & Slate	896	970
Red Rock	970	985
Slate & Lime	985	1310
✓ 1st Salt Sand	1310	1326
Salt	1326	1345
Lime-broken	1345	1382
✓ 2nd Salt Sand	1382	1400
Slate & Lime	1400	1535
✓ 3rd Salt Sand	1535	1560
Slate	1560	1575
Lime Shells	1575	1615
✓ Maxon Sand	1615	1650
Slate	1650	1653
✓ Big Lime	1653	1698
✓ Big Injun Sand	1698	1948
Slate & Lime	1948	1998
Sand	1998	2010
Lime & Slate	2010	2052
Lime	2052	2137
Slate & Lime	2137	2408
Red Rock	2408	2485
Slate & Lime	2485	2501
✓ 50' Sand	2501	2517
Slate & Lime	2517	2557
✓ Gordon Sand	2557	2579
Slate & Lime	2579	2620
✓ 4th Sand	2620	2633
Slate & Lime	2633	2691
TOTAL DEPTH		2691

883
820
63
480
553

1653
883
770

Gas 1385-1387

1653
110
1763
883
880

Gas 2560-2564

Gas 2625-2628