

91

0 1 2 3

LATITUDE 39 + 45

.105
1.22W

15'
0.15S
1.19W

60 35'

MAUDE JOHNSON

GEO. M. MILLER

JAS. MILLER

WELL # 2449
ELEV - 1194'

F.M. & JULIA CLARK
117 AC.

T.A. CLARK

V.B. PYLES

ALVY PYLES

S. C. CRIPPS

ALL OWNED BY BELTON FUEL COMPANY
UNIONTOWN PA.

WELL LOCATION
WELL DEEPER
ABANDONMENT

COMPANY THE MANUFACTURERS LIGHT AND HEAT CO.
ADDRESSES 800 UNION TRUST BLDG PITTSBURGH PA
FROM F.M. CLARK NOW LAWRENCE SIMMONS
TRACT ACRES 117 LEASE NO. 4041
WELL (FARM) NO. 1 SERIAL NO. 2449
ELEVATION (SPIRIT LEVEL) 1194'
TOWNSHIP LITTLETON
COUNTY MARSHALL DISTRICT LIBERTY
MINER Glenn Mercer
MINER'S REGISTRATION NO. _____
DRAWING NO. Y-11-153
DATE JUNE 27 1945 SCALE 1" = 800'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP

FILE NO. MARS-164-D

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPO-
GRAPHIC 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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WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Mars 164-D
Littleton Quad.
Company
Address
Farm
Location
Well No.
District
Surface
Mineral
Commenced
Completed
Date shot
Volume
Rock Pressure

Gas Well
CASING & TUBING

The Manufacturers Light & Heat Co.
800 Union Trust Bldg., Pittsburgh, Pa.
F.M. Clark Acres 117 10 388 -
8 1/2 1302 1302
1- 2449 Elev. 1194' 6 5/8 1994 1994
Liberty Marshall County 4 82'7

The Mfrs. L & H Co., Pittsburgh, Pa.
July 2, 1945 (9-18-19) Coal at 560' 36";
Aug. 17, 1945 (11-5-19) 750' 36"; 850' 96"
7-19-45 2851 to 2858 1/2 with glycerine
48,314 from old sand
60 lbs. 48 hrs. Anchor Packer
Size 6 5/8 x 4
Depth 2800'

	0	10	DRILLED DEEPER	
Conductor	0	10		
✓ Native Coal	560	563		
Slate & Lime	563	630	✓ Gordon Sand	2862 2880
Red Rock	630	650	✓ Lime Shells	2880 2902
Slate	650	720	✓ 4th Sand	2902 2908
Lime	720	750	✓ Lime Shells	2908 2920
✓ Mapletown Coal	750	753	✓ 5th Sand	2920 2934
Lime	753	830	✓ Slate & Lime	2934 2952
Slate	830	850	TOTAL DEPTH	2952
✓ Pittsburgh Coal	850	858		
Slate & Lime	858	910		
Red Rock	910	960		
Sand	960	985		
Slate	985	1005		
Red Rock	1005	1060		
✓ Murphy Sand	1060	1074		
Pink Rock	1074	1110		
Lime	1110	1120		
Red Rock	1120	1260		
✓ Little Dunkard	1260	1272		
Pink Rock	1272	1300		
Slate	1300	1360		
✓ Big Dunkard	1360	1378		
Slate	1378	1420		
Lime	1420	1435		
Slate	1435	1500		
Lime & Slate	1500	1540		
✓ Gas Sand	1540	1552		
Slate	1552	1640		
Sand Shells	1640	1680		
✓ Salt Sand	1680	1822		
✓ Maxon Sand	1822	1847		
Slate	1847	1853		
Sand	1853	1916		
Slate	1916	1935		
✓ Big Lime	1935	2000		
✓ Big Injun	2000	2252		
Slate	2252	2520		
✓ 30' Shells	2520	2590		
Slate	2590	2695		
Red Rock	2695	2720		
Slate	2720	2785		
✓ 50' Shells	2785	2830		
Slate	2830	2849		
✓ Gordon Stray	2849	2862	Gas 2854'	
TOTAL DEPTH		2862		

1955
1170
2075
1123
951

2952
2862
90 -00 py



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

426

WELL RECORD

Oil or Gas Well Gas
(KIND)

DRILLED DEEPER
Permit No. MARS-164-D

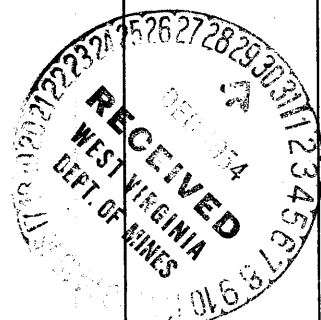
Company THE MANUFACTURERS LIGHT AND HEAT COMPANY
Address 800 Union Trust Bldg., Pgh., Penna.
Farm F. M. Clark Acres 117
Location (waters) _____
Well No. 2449 Elev. 1194
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced September 18, 1919
Drilling completed November 5, 1919
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
52 /10ths Merc. in 2" Inch
Volume _____ Cu. Ft.
Rock Pressure 415 lbs. 1/2 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	388		Size of <u>6-5/8 x 4"</u>
8 1/4	1302	1302	
6 1/2	1994	1994	Depth set <u>2797'</u>
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 560 FEET _____ INCHES
750 FEET _____ INCHES 850 FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Conductor			10				
Native Coal			560	563			
Mapletown Coal			750	753	1 Bailer water per hour		
Pittsburgh Coal			850	858	3 Bailer water per hour		
Murphy Sand			1060	1074			
Little Dunkard			1260	1272			
Big Dunkard			1360	1378			
Gas Sand			1540	1552			
Maxon Sand			1822	1847			
Big Lime			1935	2000	Show of Gas 1901		1901 1194 741
Big Injun Sand			2000	2252			
30 Ft. Shells			2520	2590			
50 Ft. Sand			2795	2830			
Gordon Stray			2849	2862			
Gas			2854				
Total Depth			2862				
					Well Packed in 50 ft. sand with 1-6 5/8 x 4" - 10 T Anchor Packer set at 2797'01" and tubed with 132 gts. 2884.00 ft. 4: 10 T Tubing Anchor 3 gts. 64'11" Above Packer 129 2819'01" 132 gts 2884'00"		
DRILLED DEEPER:							
Drilling Commenced 7/2/45			Completed 8/17/45				
60# Rock Pressure in 48 hrs.							
6-5/8" x 4" Size Packer			Depth Set--2800'; Type Packer Anchor				
Volume: 48,314 cu. ft.							
Gordon Sand			2862	2880			
Lime Shells			2880	2902			
4th Sand			2902	2908			
Lime Shells			2934	2952			
TOTAL DEPTH			2952				



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

Date DEC 28, 1954

APPROVED THE MANUFACTURERS LIGHT AND HEAT COMPANY, Owner

By Paul Cooper
(Title) Land Agent