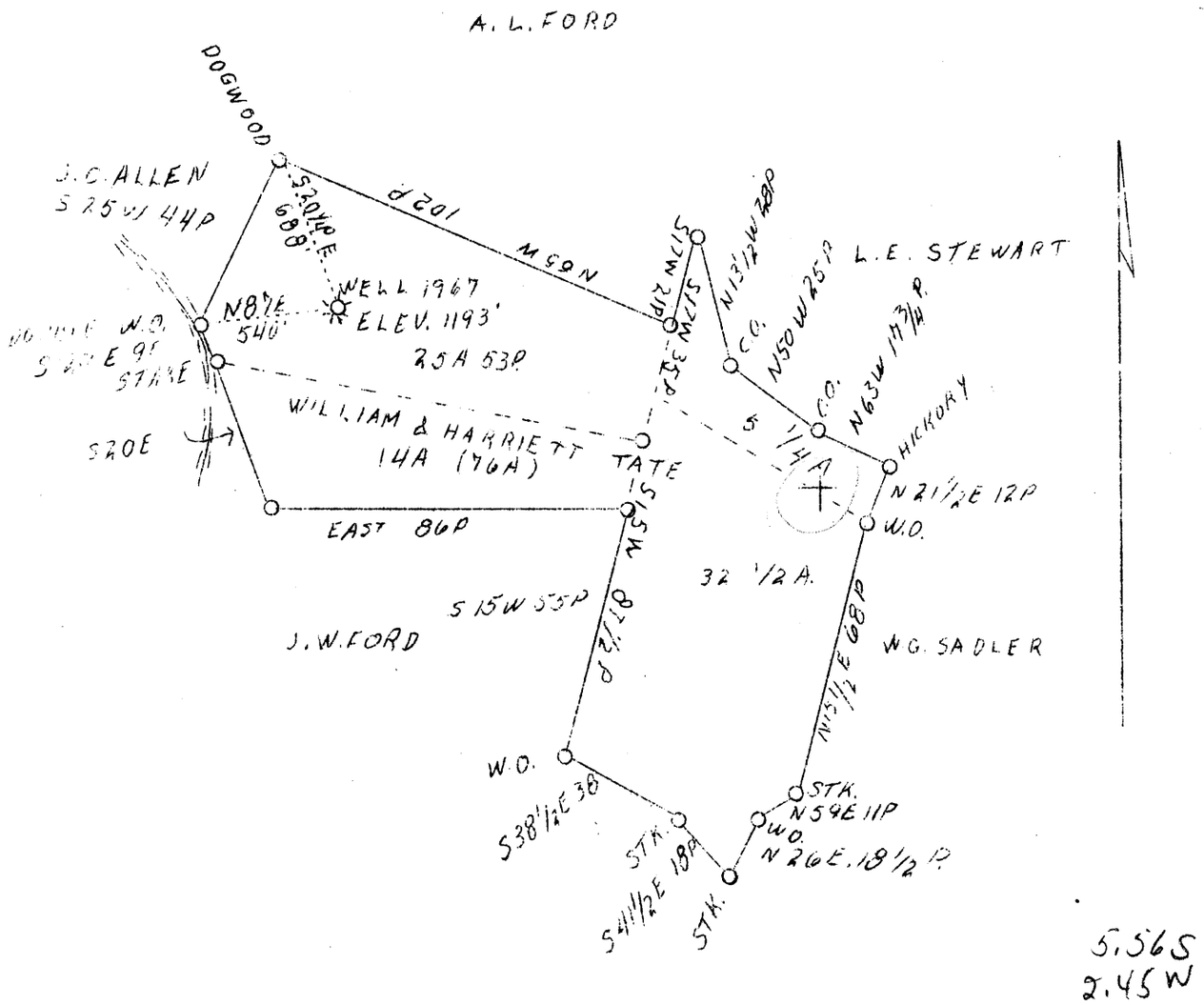
LATITUDE 39° 25'



COAL OWNED BY FLINT CREEK COAL CO
WELL NO. 1967 TO BE ABD.

Company	The Mfg. Light & Heat Co.
Address	Union Trust Bldg., Pgh. Pa.
Farm	William & Harriett Tate
Acres	76
Lease No.	6090
Well (Farm) No.	One
Serial No.	1967
Elevation (SP)	1193'
Quadrangle	Centerpoint S. W. 1/4
County	Doddridge
District	McClellan
Engineer	J. A. Mercer (?)
Eng. Reg. No.	-
Drawing No.	Y-8-128
Date	Nov. 1, 1938
Scale	1" - 40 poles - 660'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL & GAS DIVISION
Charleston

WELL LOCATION MAP

File No. Dod-257-A
72786

x Denotes location of well on U. S. 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.

G-10

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

205

Permit No. 257-A

Oil or Gas Well (Kind) Gas

Company The Mfrs. Light & Heat Company
Address 800 Union Trust Bldg., Pittsburgh, Pa.
Farm Wm. & Harriet Tate Acres 75
Location (waters)
Well No. 1 - 1967 Elev. 1193'
District McClellan County Doddridge
The surface of tract is owned in fee by J Lee Taylor, Atty
R D 1 Address Parkersburg, WVa.
Mineral rights are owned by The Mfrs. Light & Heat Co.
800 Union Trust Bldg Address Pittsburgh, Pa.
Drilling commenced Aug. 16, 1916 - July 11 1919
Drilling completed Sept 27, 1916 - Aug. 28 1919
Date shot Depth of shot
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure 210 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	208	168	Size of
8¼	1208		6 5/8 x 2
6 5/8	1986	1986	Depth set 2010
5 3/16			
3			Perf. top
2		2070	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. FT. Dat

COAL WAS ENCOUNTERED AT 668 FEET 84 INCHE
FEET INCHES FEET INCHE
FEET INCHES FEET INCHE

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Pittsburgh Coal			668	675			
Little Dunkard			Shells				
Big Dunkard			1193	1275			
Gas Sand			1322	1395			
1st Salt Sand			1532	1598	Water 1583		
2nd Salt Sand			1607	1725			
Maxon Sand			1760	1883			
Little Lime			1930	1943			
Pencil Cave			1943	1963			
Big Lime			1963	2024			
Big Injun			2024		Gas 2030 to 2035		
Total depth				2066			
	DRILLED DEEPER 7/11/19						
Big Injun			2066	2131			
Squaw Sand			2156	2171			
Berea Sand			2260	2280			
30-Foot Sand			2285	2305			
50-Foot Sand			2505	2515			
Stray Sand			2640	2644			
Gordon Sand			2709	2716			
4th Sand			2800	2806			
Total depth				2942			

2942
2066
876' new fig

NOV 1938 WEST VIRGINIA

(Over)

NOV 15 1938

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

Date November 3rd, 19 38

APPROVED THE MANUFACTURERS LIGHT & HEAT CO., Owner

By Harry H. Fowler

Land Dept. (Title) Office Manager.