

LAND OWNED BY T. L. ROGERSON 1/2 INTEREST
 EVERET F. MOORE 1/2 INTEREST

NEW LOCATION
 DRILL DEEPER
 ABANDONMENT

FEB - 6 1945

3.74 7.8 W
 2.91 7.9 4 2

COMPANY THE MANUFACTURERS LIGHT AND HEAT CO.
 ADDRESS 800 UNION TRUST BLD'G PITTSBURGH PA.
 FARM WM. H. HINERMAN NOW BERT KIMBEL
 TRACT ACRES 62 LEASE NO. 4846
 WELL (FARM) NO. 1 SERIAL NO. 1713
 ELEVATION (SPIRIT LEVEL) 1183'
 QUADRANGLE MANNINGTON N.W. 1/4 **NW**
 COUNTY WETZEL DISTRICT CLAY
 ENGINEER *J. H. Hinerman*
 ENGINEER'S REGISTRATION NO. _____
 FILE NO. WELL BK-16 PAGE 1 DRAWING NO. Y-11-102
 DATE JANUARY 15, 1945 SCALE 1" = 800'

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

WELL LOCATION MAP
 FILE NO. WET-490-A

— DENOTES LOCATION OF WELL ON INTER-STATE 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

947

490A

WELL RECORD

Permit No. Drilled in 1914

Oil or Gas Well Gas
(KIND)

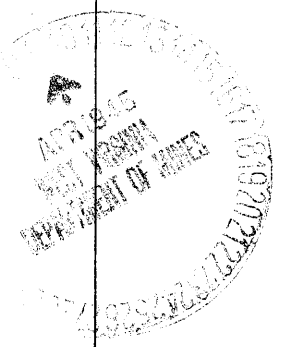
Company THE MANUFACTURERS LIGHT & HEAT COMPANY
Address 800 Union Trust Bldg., Pittsburgh, Pa.
Farm W. H. Hinerman Acres 62
Location (waters) _____
Well No. 1 - 1713 Elev. 1183 ft.
District Clay County Wetzel
The surface of tract is owned in fee by George L. Hinerman
Address Weston, WVa.
Mineral rights are owned by The M. L. & H Company
800 Union Trust Bldg Address Pittsburgh, Pa.
Drilling commenced 6/4/14
Drilling completed 7/27/14
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			
10	174	174	Size of
8 1/2	1376	1376	
6 1/2	2097' 11"	2097' 11"	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow 60 10ths Water in 2 _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 370,000 _____ Cu. Ft.
Rock Pressure _____ lbs _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 500 FEET 60 INCHES
505 FEET 60 INCHES 772 FEET 48 INCHES
885 FEET 120 INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	16			
Sand			16	35			
Lime			35	300			
Red Lime			300	330			
Slate			380	400			
Lime			400	450			
Slate			450	500			
Coal			500	505			
Waynesburg Coal			505	560			
Sand			560	620			
Slate & Lime			620	772			
Mapletown Coal			772	776			
Lime			776	885			
Pittsburgh Coal			885	895			
Lime			895	960			
Red Rock			960	1140			
Lime			1140	1180			
Red Rock			1180	1220			
Sand			1220	1230			
Slate & Lime			1230	1290			
Little Dunkard			1290	1325			
Slate			1325	1390			
Big Dunkard			1390	1420			
Lime			1420	1515			
Gas Sand			1515	1580			
Slate & Shells			1580	1630			
1st Salt Sand			1630	1775			
Slate			1775	1860			
2nd Salt Sand			1860	1920			
Lime			1920	1980			
Red Rock			1980	2015			
Little Lime			2015	2040			
Pencil Cave			2040	2048			
Big Lime			2048	2125			
Big Injun			2125	2368			
Slate			2368	2390			
Shells			2390	2440			
Slate			2440	2670			



SEN 17 1945

Aug 2 1915

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
30-Foot Sand			2670	2746			
Slate			2746	2810			
50-Foot			2810	2860			
Slate			2860	2936			
Shell			2936	2943			
Gordon Stray			2943	2957			
Red Rock			2957	2961			
Gordon Sand			2961	2990			
Slate			2990	3020			
4th Sand			3020	3043			
Slate			3043	3072			
Sand Shell			3072	3079			
Slate			3079	3099			
5th Sand			3099	3101			
Slate			3101	3132			
Total depth				3132			
					Gas in First Salt Sand		at 1655 ft
					" " 2nd " "		1914 ft
					" " Injun Sand		2145 ft
					Small show of oil	3075	ft

Date January 16th, 1945

APPROVED THE MANUFACTURERS LIGHT & HEAT COMPANY, Owner

By Harry H. Fowler
Land Dept. (Title) Office Manager