



COAL OWNED BY RAYMOND TENNANT, BURTON W.VA.

NEW LOCATION
 DRILL DEEPER
 ABANDONMENT

3.38S
 1.54W

1.58W
 3.41 Q

NOV 13 1945

COMPANY The Manufacturers Light and Heat Co.
 ADDRESS 800 Union Trust Bldg Pittsburgh 30 Pa
 FARM Laura B. Tennant et vir.
 TRACT _____ ACRES 45 LEASE NO. 11486
 WELL (FARM) NO. 1 SERIAL NO. 3214
 ELEVATION (SPIRIT LEVEL) 1315'
 QUADRANGLE Mannington N.E. 1/4
 COUNTY Monongalia DISTRICT Battelle
 ENGINEER J. L. ...
 ENGINEER'S REGISTRATION NO. _____
 FILE NO. _____ DRAWING NO. Y-11-193
 DATE November 13-1945 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE NO. MON-328-A

+ 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.



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Drilled in 1927

Oil or Gas Well Gas
(KIND)

Company The Manufacturers Light & Heat Company
Address 800 Union Trust Bldg., Pittsburgh, Pa.
Farm Laura B Tennant Acres 45
Location (waters) _____
Well No. 1 - 3214 Elev. 1315 ft.
District Battelle County Monongalia
The surface of tract is owned in fee by Raymond Tennant
Address Burton, W. Va.
Mineral rights are owned by The Mfrs Light & Heat Co.
800 Union Trust Bldg Address Pittsburgh, Pa.
Drilling commenced 9/23/27
Drilling completed 11/24/27
Date Shot _____ From _____ To _____
With _____
Open Flow 20 /10ths Water in _____ 1 Inch
_____ /10ths Merc. in _____ Inch
Volume 53,000 Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 2025 feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	310' 11"	310' 11"	Size of
8 1/4	1660' 7"	1660' 7"	
6 1/2	2397' 6"	2397' 6"	Depth set
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 800 FEET 60 INCHES
1030 FEET 60 INCHES 1140 FEET 60 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	15			
Slate & Shells			15	400			
Lime			400	595			
Slate			595	610			
Sand			610	620			
Slate			620	675			
Lime			675	765			
Bluff Sand			765	800	Gas at 770		
Fairview Coal			800	805			
Slate & Shells			805	930			
Mapletown Lime			930	1030			
Mapletown Coal			1030	1035			
Lime			1035	1140	Gas at 1140		
Pgh Coal			1140	1145			
Slate & Shells			1145	1230			
Red Rock			1230	1515			
Little Dunkard			1515	1570			
Slate			1570	1600			
Big Dunkard			1600	1695			
Slate & Shells			1695	1790			
Gas Sand			1790	1900			
Slate			1900	1925			
1st Salt Sand			1925	2070			
Slate			2070	2085			
2nd Salt Sand			2085	2110			
Slate			2110	2200			
Red Rock			2200	2315			
Lime			2315	2330			
Slate			2330	2342			
Little Lime			2342	2352			
Pencil Cave			2352	2358			
Big Lime			2358	2440			
Big Injun Sand			2440	2665			
Slate & Shells			2665	2950			
Lime			2950	2990			
Slate, Lime, Shells			2990	3070			
Sand			3070	3100			
Slate			3100	3115			

(Over)

1946

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
50-Foot Sand			3115	3155	Gas at 3115	to 3116	
Slate			3155	3160			
30-Foot Sand			3160	3195			
Slate			3195	3240			
Stray Sand			3240	3278			
& Slate			3278	3293			
Gordon Sand			3293	3330			
Slate			3330	3335			
4th Sand			3335	3350			
Slate			3350	3435			
5th Sand			3435	3455			
Slate & Shells			3455	3570			
Byard Sand			3570	3575	Gas 3571-3572		
Slate			3575	3604			
Total depth				3604			

Date November 11th, 1945

APPROVED THE MANUFACTURERS LIGHT & HEAT COMPANY, Owner

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