

COAL OWNED BY ROOSEVELT COAL & COKE CO.
WILMERDING - PA.

New Location...
 Drill Deeper...
 Abandonment...

Company THE MANUFACTURERS LIGHT & HEAT CO.
 Address 800 UNION TRUST BLDG. PITTSBURGH, PA.
 Farm WILLIAM ESTEP
 Tract 1 Acres 65 Lease No. 19241
 Well (Farm) No. 1 Serial No. 3617
 Elevation (Spirit Level) 1410'
 Quadrangle LITTLETON N.W.
 County WETZEL District PROCTOR
 Engineer A. J. Russell
 Engineer's Registration No. _____
 File No. _____ Drawing No. Y-10-288
 Date SEPT. 4, 1941 Scale 1" = 40 RDS. - 660'

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

WELL LOCATION MAP
 File No. WET-266-REDRILL

+ 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.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Littleton

WELL RECORD

Permit No. Net-266 Redrill

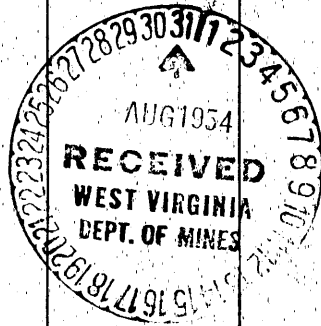
Oil or Gas Well _____
(KIND)

Company The Manufacturers Light & Heat Co.
Address Pittsburgh, Penna.
Farm Frank Estep Acres 65
Location (waters) Lynn Camp
Well No. 3617 Elev. 1710'
District Proctor County Wetzel
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced Feb. 17, 1954
Drilling completed Mar. 26, 1954
Date Shot _____ From _____ To _____
With Well was not shot.
Open Flow /10ths Water in None Inch
/10ths Merc. in None Inch
Volume None Cu. Ft.
Rock Pressure None 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	514' - 6"	514' - 6"	Size of
8 1/4	1733' - 8"	1733' - 8"	
6 5/8	2262' - 8"	2262' - 8"	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED	SIZE	No. Ft.	Date
	Mapletown coal	1126 - 1128	
	COAL WAS ENCOUNTERED AT	FEEET	INCHES
	Pittsburgh coal	1223 - 1225	
	FEEET	INCHES	FEEET INCHES
	FEEET	INCHES	FEEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
<p>Removed clay - cement and wood plugs, from top to a total depth of 2350' Filled back with stone and clay from 2350' to 2341' Set lead plug, 2341' to 2339' Filled back with stone and cement from 2339' to 2256 Bottom of Maxon sand. Top of Maxon sand 2245' 7" Casing set 1 Ft. in the Maxon sand or a depth of 2246' New total depth, 2256.</p>							
514' - 6"							of 10" casing, cemented with 200 bags of cement and 2 bags of aquajel Return to surface.
1733' - 8"							8 5/8" cemented with 400 bags of cement and 2 bags of Aquajel Return to surface.
2262' - 8"							7" Cemented with 225 bags of cement and 2 bags of Aquajel Return to surface.



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

Permit No. Wet-266		Dry Hole
Company	The Manufacturers Light & Heat Co.	
Address	800 Union Trust Bldg, Pitts., Pa.	
Farm	William Estep	Acres 65
Location	--	
Well No	1-3617	Elev. 1410'
District	Proctor	Wetzel County
Surface	William Estep, 2211 Marshall Ave., Elm Grove, W.Va.	
Mineral	The M L & H Co., 800 Union Trust Bldg. Pittsburgh, Pa.	
Commenced	10/1/41	
Completed	11/10/41	
Shot	11/11/41	Depth 323-3241
		coal 851'12"
		" 1126'--12"
		" 1223'--24"

Clay, Slate & Rock	0	101
Sand	101	121
Slate, Rock, Lime	121	470
Sand	470	480
Rock, Slate, Lime	480	570
Sand	570	595
Slate, Rock, Lime, Shale	595	851
Coal	851	852
Lime, Slate, Rock	852	1126
Mapletown Coal	1126	1127
Shale, Lime, Slate	1127	1223
Pittsburgh Coal	1223	1225
Slate & Lime	1225	1238
Sand	1238	1248
Lime & Slate	1348	1315
Sand	1315	1330
Slate, Shale, Lime, Rock	1330	1582
Sand	1582	1590
Slate	1590	1600
Little Dunkard	1600	1629
Slate & Lime	1629	1668
Sand	1668	1675
Slate	1675	1712
Big Dunkard	1712	1718
Slate, Lime, Shale	1718	1885
1st Salt Sand	1885	1902
Slate	1902	1925
2nd Salt Sand	1925	1995
Slate & Lime	1995	2238
Maxon Sand	2238	2258
Slate & Lime	2258	2290
Blue Mundy	2290	2316
Big Lime	2316	2365
Big Injun Sand	2365	2625
Slate & Lime	2625	2765
Berea Sand	2765	2790
Slate, Lime, Shells	2790	2968
50' Lime	2968	2990
Slate, Shells, Rock	2990	3220
Gordon Stray	3220	3225
Slate	3225	3230
Gordon Sand	3230	3243
Slate & Lime	3243	3330
TOTAL DEPTH		3330

Water 1972

S. Water 2370

Gas 3235

1410
851
1126
1223
1225
1238
1315
1330
1582
1590
1600
1629
1668
1675
1712
1718
1885
1902
1925
1995
2238
2258
2290
2316
2365
2625
2765
2790
2968
2990
3220
3225
3230
3243
3330

3230
1126
1223