NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

(REQUIRED BY SECTION 2, CHAPTER 86, ACTS 1929)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS SECTION

To	THE DEPARTM	ENT	OF	MINES,
	Charleston,	W.	Va	

Roosevelt Coal & Coke Company	THE MANUFACTURERS LIGHT &	HEAT COMPANY
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR	
Wilmerding, Pa.	800 Union Trust Bldg., Pitt	sburgh, Pa.
ADDRESS	COMPLETE ADDRESS	
	April 19th,	1029
COAL OPERATOR OR COAL OWNER	PROPOSED LOCATI	
ADDRESS	Proetor	District
	Wetzel	Commuter
OWNER OF MINERAL RIGHTS	Wetzel	9° 45'
	Well No. 1 - 3581 86	0° 40'
ADDRESS	F. J. Estep, et al	Farm
GENTLEMEN:		
The undersigned well operator is entitled to	drill upon the above named farm or trace	et of land for
oil and gas, having fee title thereto, (or as the cas	se may be) under grant or lease dated	
May 31st, 1934, mad	le by Frank J. Estep, et al	, to
The Manufacturers Light & Heat Company	, and recorded on the	7th day
of August, 1934		
Book 29-A , page 255		

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Act, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address. thisday.... before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Address of Well Operator

Very truly yours, THE MANUFACTURERS LIGHT & HEAT CO., 800 Union Trust Building

Pittsburgh

CITY OR TOWN

09/22/2023

Pennsylvania

STATE

*Section 3 If no such objections be filed, or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

FORM G-

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL (REQUIRED BY SECTION 2, CHAPTER 86, ACTS 1928)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS SECTION

Charleston, W. Va. THE MANUFACTURERS LIGHT & HEAT COMPANY Roosevelt Coal & Coke Company NAME OF WELL OPERATOR 800 Union Trust Bldg., Pittsburgh, Pa. Wilmerding, Pa. April 19th. 1989 PROPOSED LOCATION Proorter Metsel OWNER OF MINERAL RIGHTS Well No 1 - 3581 80° 40' F. J. Estep, et al The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated...... May 31st, 1934 made by Frank J. Estep, ot al The Manufacturers Light & Heat Company and recorded on the 7th day August, 1934 , page 255 29-A The enclosed plat was propared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees. The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Act, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are turther notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same. (The next paragraph is to be completed only in Department's copy.) Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address this day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia. Very truly yours, THE MANUFACTURERS LIGHT & HEAT CO., Harmy Howle Land Dept. well operator Office Menager 800 Union Trust Building Pittsburgh 09/22/2023 Pennsylvania

*Section 3.... If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

A-10

May 1, 1939

The Manufacturers Light & Heat Co. 800 Union Trust Building Pittsburgh, Pennsylvania

Contlement

Permit Wet-224 to Grill Well No. 1-3681, on the F. J. Datep et al Farm, Proctor District, Wetzel County, is enclosed.

Duplicate permit shall be posted on the rig.

Very truly yours,

Secretary OIL AND GAS DIVISION

140/ar enc-2

LatS9d-45* Long80d-40*

			15-20	VGT)			
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate		Soft	828	855			
Lime	and another the	Hard	950	928			
Lime		Hard	900	915 925			
Red Rock Lime		Soft	915 925	972			
Red Rock		Soft	972	978			
Lime		Hard	978	1015			
Slate		Hard	1015	1025			
Lime Slate	4000	Broken	1025	1055			
Lime		Hard	1065	1100			
Mapletown Co	oal	Soft	1100	1003			
Lime		Hard	1103	1135			
Slate		"Soft"	1135	1150 1159			
Slate		Soft	1159	1183			
Lime		Hard	1184	1199	The second second		A = -1
Pittsburgh	Coal	Soft	1199	1204			3/4 B. water
Slate		Soft	1240	1240			
Sand		Soft	1250	1282			
Sand		Hard	1282	1298			
Slate		Soft	1298	1306	0	1701-1700	
Sand		Hard	1306	1376	Gas Water	1324-1329	
Slate Pod Pock	"	Soft	1376	1387	Water	1))0 2)1	
Red Rock Slate	34	· Hard	1387	1410			1120 31,00
Red Rock		Solu	1410	1422			Cave 1410-1422
Slate		Hari	1422	1445			
Lime		"Hard	1445 1450	1460			
Slate Red Rock		Solt	1460	1520			Cave 1460-1500
Slate		Sort	1520	1685	HANDS.	730	We b per hr
Big Dunkard	1	Mard	1685	1725	Water	ISS	Basses
Slate		Soft	1725	1803 1872			
Salt Sand		Hard	1803 1872	2058	Water	1975-1985	Filled 400: 1 h
Slate & Lim	18	Sofu	2058	2070			1000° 5 hr.
Sand, Slate	a. Lime	Hard Dor 9	2070	2198		2011-2221	
Maxon Sahd		Soft	2198	21	Gas	2214-2224	
	OWN	Seff	Top	2238	Oil Gas	Depth	Remarks
Total depth	D	Hard or					
				· · · · · · · · · · · · · · · · · · ·	The same of the sa	HEE EEE	ENCHES
Sait water	1850	1001 116	j feet	The state of the s			
Fresh water	155	leet 119	bbls., 1st 24 hrs.	SAM LAGO	1 3 Y		
	A	lbs.	tio hra.				
Kock Pressure	3,585,000 21,0		Lia	CASING CEM	ENTED	TINE N	Vo. FT. Date
Volume	THE RESERVE ASSESSMENT OF	0 SV	OInch				
Open Flow	2 Vioths Water	6 5/	in Inch				ir. bottom
Date shot	(10)	Depth of sho		Liners Used		Pe	n. top
Drilling complete	CONTRACT V			3		10	ort bottom
Drilling commen		1939		3.77		L L	at top management
		The state of the s	sburgh, Pa.	5 3/16			
Mineral rights a		ne Mirs Ligh	t & Heat Co.		5500	\$500	ath set
ED 1 - Bo		Address Proc	cor, W. Va.	816-11-11-11-11	1725	1725	
The auriace of a			d Estep	104	Sio	570	SI DI
District. Froc		County Wet		13			
Well No			Elev. 1574.	10		H K	ind of racker.
Location (water				give			
			Acres 58				
		DOTTOTUS?	Pittsburgh, P	Tubing	Drilling	Well	Y, acrors
Company The Address 800	Holon Was	ers Light & P	Ausentonia	Casing and	Used in	09/2	22/2023
the state of the s	M. P.						
		THE RESERVE THE PERSON NAMED IN COMPANIES AND THE PERSON NAMED IN COMPANIE	THE OWNER OF THE PARTY OF THE P			THE OF TABLE	M. CH. C. Land

Permit No. Wet-2214

Date August Lth, 19 39 WELL RECORD

APPROVED THE MANUFACTURERS LIGHT & HEAT CO Owner

By Land Dept. (Title) Office Mgr. WEST VIRGINIA DEPART OIL AND GAS DA

Lattledon N. W

WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

WELL RECORD

Permit No. Wet-224

Oil or Gas Well Gas

The Menufortune	14-14-4-7-4-4			(K	(ind)
Address 000 Union Trust	ers Light & Heat Company t Building, Pittsburgh, Pa Acres 58	Casing and Tubing	Used in Drilling	Left in Well	Packers
Location (waters) Well No	Elev. 1374 County Wetzel	40	The contract to the second of		Kind of Packer
The surface of tract is owned i RD 1 - Box 57	n fee by Frank J Estep Address Proctor, W. Va.	10 8 ¹ / ₄	510 1725	510 1 7 25	Size of
Mineral rights are owned by T800 Union Trust Bldg., Drilling commenced May 26	he Mfrs Light & Heat Co., Address Pittsburgh, Pa., 1939	5 3/16			Depth set
Orilling completed July 17 Date shot	, 1939 Depth of shot	2			Perf. top Perf. bottom
12 /10ths Merc.	in Inch in 6 5/8" Inch				Perf. bottom
Rock Pressure 240	lbs. 48 hrs.				No. FTDa
Fresh water 155 Salt water 1350	bbls., 1st 24 hrs. feet. 1199 feet feet 1160 feet	FEET	60 INC	HES	FEET 36 INCHE FEET INCHE FEET INCHE

late, and late ed Rock ime late ritty Lime late	Soft Hard Soft Soft Hard Soft	0 11 ₄ 20 70	14	Gas.	control control	
late ed Rock ime late ritty Lime	Soft Soft Hard	70	20		55371-55571	
d Rock me ate itty Lime	Soft Hard	70	770			
y Lime	Hard		5070		Maria de la companya della companya	1000 · 5 hr.
ime			78	Water	1975-1985	BITTES NO. 1
ime	Sort	78	100			10-32
me -		100	150			
	Hard	150	170	Water	155	1/2 B per hr
R	Soft	170	235			
k.	Soft	235	245			Cave 11,60-1500
ek .	Soft	245	260			
A		260	270			
ook	Hard /	270	278			
	Soft	278	-315	1		Cave 1410-1422
oex	Hard Soft	315	325			
ck	43070	325	-3/2	Water	-330 - 231-	
Lime	Hard	170	430 450 456 465	Gas	1350-1376	
ck	Soft	420	156		1321-1329	
	# Hard	1,56	1.45			
	uSoft	372 430 450 456 465	485			
	# Hard	485	525			
me	Hard	525	538			
mergh Coal	Soft	538	555			3/4 B. water
	Hard	555	567			2.4 .
0	Soft	567	650			
Rock	# Hard	650	670			
	#Soft	670	700			
O no time of	Hard	700	708			
e 18910	Soft	708	720			
Rock	THE THE PARTY	720	730			
6039	#Bord	730	740			
WG1939	Broken	740	746			
Miron	20 Hard	746	758		09/2	22/2023
TEST VINANTE	Sharp	758	764			
THE WARM	Soft	758 764 776	776			
- 60,	Hard	776	785			
a		785	798			
te	Soft	798	820			
0	Hard	820	828			
te	Soft	828 860	855			/
ite mation Colo	Hard Soft	870	870	Oil, Gas or Water	Dopth Found	Remark

Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
	fine fine	urur (k. Albak					
		MARKET NAME					
	- NG0	TOTAL STREET					
	Hae'Menui	acturers Lite	ht and Heat	домбенх усра.	ve Well	Recondition	ug.
6-1					7 -	- 8517 'g"	
					1 -	1835 to: 2042 to: 2123 tq:	
					64 CF C	28 124 746 194 1289 174	
					doj v cos riv	mbing centr following d	liners set a pth sterting
						nots 2169 nots 2170 tots 2171	- 5145 - 5141
Maxon San Gas Total Del	pJ.		\$55# \$503	2235 2235 2239	4 3	bllowing de hots 2168	- 2169
Willed wi	th Stone		SSHIT USSHILL	2247 2244 2239	131.5C		Toreting 3"
Formation -	Color)	Hard or Both	Top	Eganon Oolen	OL Ose es hane	Found Found	Kemerko
		6945 To 187		Et H		er ser	L HANGE
		ibe in the	Mark to be are			L CE	т псн
	/10ths Water		line de la companya d	OVERVE CPW		Det.	t Di
	The Expr			THE PERMIT		5.6	tob
gint commen Historica	sat Blog.	MATERIAL BUSY	Penno: II 1	15 4 ⁵	5556 '2"	\$332.5	f. top
	p owned by I'm	Marsa da Spi	a Heat Co.			De De	en soc
	goz,	County Netz		18			n of Packer
m_Erchic J aften (weters			58	5188			
openy THE	MARIUTACTU.	FIGS LIGHT &		Cesing and Tubbut		09/	22/2023
	-55p		AK CITT	EXPONENTIAL T		Oll or Gan 1	

Date April 21, 19 53

APPROVED THE MANUFACTURERS LIGHT & HEAT CO, Owner

By LAND AGENT (Title)



DEPARTMENT OF MINES

OIL AND GAS DIVISION

Littleton WET-224

Well No. 3581

District_

Date Shot_ With_

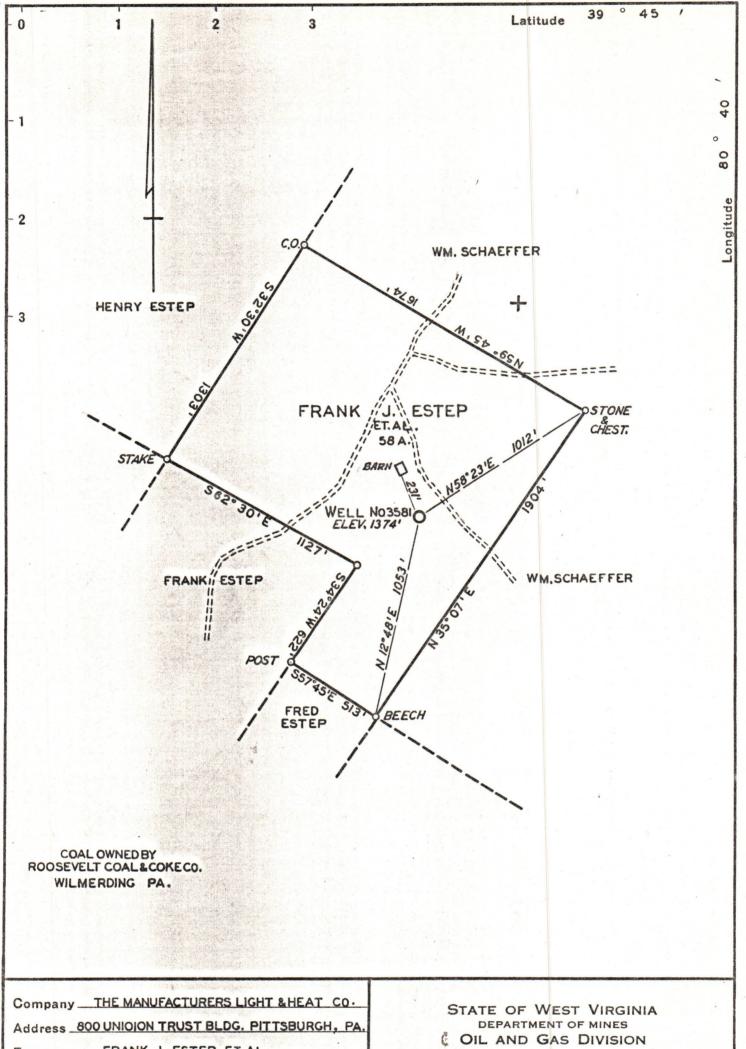
Open Flow

Volume_ Rock Pressure_

WELL RECORD

Oil or Gas Well Gas Company THE MANUFACTURERS LIGHT & HEAT COMPANY Used in Drilling Left in Well Casing and Tubing Packers Address 800 Union Trust Bldg., Pgh., Penna. Farm Frank Estep Size Location (waters)_ Kind of Packer_ County Wetzel Proctor Size of_ The surface of tract is owned in fee by F. J. Estep Address_ Mineral rights are owned by The Mfrs. Light & Heat Co. Depth set_ 800 Union Trust Bldg., Address Pgh., Penna. 5 3/16_ 2226 1211 2226 12" Perf. top_ Drilling commenced October 3, 1952 Drilling completed November 18, 1952 Perf. bottom_ Perf. top_ Liners Used. From____To_ Perf. bottom_ /10ths Water in_ Inch SIZE No. Ft. Date CASING CEMENTED_ /10ths Merc. in_ Inch Cu. Ft. hrs. COAL WAS ENCOUNTERED AT____ FEET INCHES

OilFresh water		feet	bbls., 1st 24 hrsfeetfeet	FEET		ESFEET	INCHES
Salt water	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
Drilled to Filled will Lead Plug Maxon San Gas Total Dep	th Stone	Buit	2247 2241 2203 2224	2247 2241 2239 2236 2235 2239	Schlu Preci at f 4 s 4 s 5 s	mberger Meas sion Gun Per collowing dep hots 2168 hots 2169 hots 2170 hots 2171	forating ½" s
A J		APR 1953	ht and Heat	Company Activ	re Well		22/2023



FRANK J. ESTEP ET.AL. Acres 58 Lease No. 16970 Well (Farm) No. 1 Serial No. 3581 13741 Elevation (Spirit Level) _ LITTLETON N.W. Quadrangle _ District PROCTOR County WETZEL Engineer's Registration No. Drawing No. Y-8 266 File No ._ Date APRIL II, 1939. Scale 1" = 500 '

CHARLESTON

WELL LOCATION

- + 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.