

Company S. J. Brendel Co.
 Address Pittsburgh Pa.
 Farm M. P. Wells
 Tract One Acres 67 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1266, 1318 Ft.
 Quadrangle Littleton NW
 County Wetzel District Proctor
 Engineer G. M. Cochran
 Engineer's Registration No. Co. Surveyor
 File No. _____ Drawing No. _____
 Date Feb. 20, 1939 Scale 1-inch = 20 Rods.

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

WELL LOCATION MAP
 FILE NO. WET-236
 WELL WET-236

+ 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

Permit No. WET-236-R

WELL RECORD

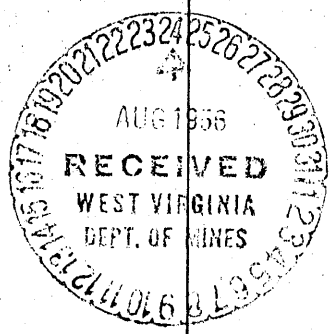
Oil or Gas Well Gas
(KIND)

Company THE MANUFACTURERS LIGHT AND HEAT COMPANY
 Address 800 Union Trust Building, Pgh., Pa.
 Farm M. P. Wells Acres 60
 Location (waters) _____
 Well No. F-16823 Elev. 1318'
 District Proctor County Wetzel
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced October 14, 1953
 Drilling completed July 31, 1956
 Date Shot _____ From _____ To _____
 With _____
 Open Flow 0/10ths Water in 3/8 Inch
 _____/10ths Merc. in _____ Inch
 Volume 6.000 Cu. Ft.
 Rock Pressure _____ 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	347' 11"	347' 11"	Size of _____
8 1/4		1397' 3"	
6 1/2			Depth set _____
5 3/16		2172' 1"	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clg. out to				2295	Schlumbergen		Measurement
Filled with stone			2295	2235			
Filled with cement			2235	2200			10 3/4" Casing set at 345'9" cemented with 200 bag cement. Good return to surface
TOTAL DEPTH:				2200			
Maxton Sand			2152	2200			8 5/8" Casing set at 1386'3" cemented with 400 bag cement and 10 bag Gel. No return. 5 1/2" Casing set at 2155'3" cemented with 400 bag cement. No return. 15 - bags cement run from the top between 8" and 10" Casing. 365 - bags of cement run from top between 5 1/2" and 8" casing.



WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
WELL RECORD

Permit No. *Proctor* Wot-236
Littleton Quad.

Gas Well

		CASING & TUBING		
Company	S. J. Brendel	10	320-11	320-11
Address	565 Union Trust Bldg., Pittsburgh, Pa.	8-1/4	1487-8	1487-8
Farm	Bachman Heirs ACRES 67	6-5/8	2116-8	2116-8
Well No.	2 ELEV. 1318	3	3190	3190
District	Proctor - Wetzel County			
Surface	Beachner Bros., New Martinsville, W. Va.			
Mineral	M. P. Wells, New Martinsville, W. Va.			
Commenced	May 9, 1940		Coal 1164 to 1170	
Completed	Aug. 1, 1940			
Shot	Not shot			
Volume	190,000 c.f.			
Rock Pressure	960 lbs. 40 hrs.			
Fresh Water	245 & 248			

Shale - soft	14	30		Gritty Lime	wh	h	1300	1350
Soap Stone	14	30		Shale	gr	s	1350	1360
Red Rock	30	40		Red Rock	rd	s	1360	1400
Lime	40	70		Slate	gr	s	1400	1430
Slate	70	100		Lime	wh	h	1430	1460
Lime	100	150		Slate	gr	h	1460	1495
Sand	150	200		L. Dunkard	gr	h	1495	1510
Red Rock	200	225		Lime	wh	h	1510	1540
Slate	225	240		Slate	dk	s	1540	1625
Gritty Lime	240	250	W 245-248	B. Dunkard	wh	h	1625	1650
Red Rock	250	260	13 blr. hr.	Lime	wh	s	1650	1680
Lime	260	285		Sand	wh	s	1680	1700
Slate	285	325		Lime	wh	s	1700	1725
Lime	350	375		Sand	wh	h	1725	1740
Red Rock	375	400		Slate	dk	s	1740	1760
Shale	400	425		Sand	wh	s	1760	1820
Lime	425	445		Slate	dk	s	1820	1840
Slate	445	460		Sand	wh	h	1840	1860
Red Rock	460	485		Slate	dk	s	1860	1875
Slate	485	500		Sand	wh	s	1875	1935
Sand	500	520		Slate	dk	s	1935	1950
Slate	520	540		Lime	wh	h	1950	1965
Lime	540	560		Slate	dk	s	1965	2115
Red Rock	560	590		Lime - Sand	gr	h	2115	2140
Sand	590	615		Slate	dk	s	2140	2160
Slate	615	635		Sand	dk	h	2160	2195
Lime	635	675		Slate	dk	s	2195	2235
Red Rock	675	690		Lime	dk	h	2235	2293
Lime & Slate	690	745		Big Injun S	lt	h	2293	2568
Red Rock	745	755		Slate	dk	s	2568	2600
Lime	755	825		Slate&Shells			2600	2995
Slate&Red Rock	825	850		Pink Rock			2995	3000
Lime	850	875		Shells, Lime&Slate			3000	3129
Slate	875	890		Sand			3129	3153
Lime	890	910		Slate			3153	3178
Sand	910	920		Gordon Sand			3178	3192
Slate	920	930		Slate			3192	3198
Lime	930	966		Total Depth				3198
Slate	966	975						
Lime	975	1051		Gas at 3129-3153 - show				
Mapletown Coal	1051	1055		" 3186-3189				
Slate	1055	1065						
Lime	1065	1080						
Slate	1080	1090						
Lime	1090	1164						
Pgh Coal	1164	1170	SLM					
Lime	1170	1190						
Slate	1190	1200						
Lime	1200	1230						
Red Rock	1230	1240						
Lime	1240	1260						
Sand	1260	1275						
Slate	1275	1300						

2235
1318

917

1318
1051
1067

1051
1164
1170
1190