

New Location   
 Drill Deeper   
 Abandonment

Company PITTSBURGH & W.VA GAS CO.  
 Address CLARKSBURG, W.VA.  
 Farm F.M. STAGGERS  
 Tract \_\_\_\_\_ Acres 86 Lease No. 22835  
 Well (Farm) No. ONE Serial No. 5419  
 Elevation (Spirit Level) 1166' V.A.  
 Quadrangle MANNINGTON N.E. 1-3  
 County MONONGALIA District BATTELLE  
 Engineer Kenneth B. Moore  
 Engineer's Registration No. \_\_\_\_\_  
 File No. VOL D-32 P-33 Drawing No. \_\_\_\_\_  
 Date NOV. 28, 1947 Scale 1" = 500'

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

**WELL LOCATION MAP.**  
 FILE NO. MON-344-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.

F. M. STAGGERS NO. 1 (5419) - PGH. & W. VA. GAS CO. - MON 344-A



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

402

WELL RECORD

Permit No. 344-1

Oil or Gas Well "GAS"  
(KIND)

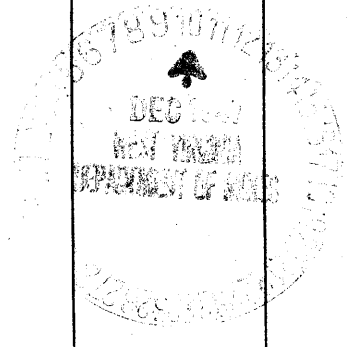
Company Pittsburgh & West Va Gas Company.  
Address Clarksburg, West Va.  
Farm F. M. Staggers Acres 86  
Location (waters) Mann, N/E. 1-1-3  
Well No. 5419 Elev. 1166' VA  
District Battelle County Monongalia  
The surface of tract is owned in fee by S. N. Kimble  
Garrison, Pa.,  
Address S. N. Kimble et-al.  
Mineral rights are owned by Garrison, Pa.,  
Address April 11th, 1918  
Drilling commenced June 3rd, 1918  
Drilling completed  
Date Shot From To  
With

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	104'	None	
13	917'	None	
10	1382'	None	Size of
8 1/4	1838'	1838'	
6 3/4	2138'	2138'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ 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 480 FEET 48 INCHES  
780 FEET 60 INCHES 876 FEET 72 INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Un-recorded			0	480			
Native Coal			480	484			
Un-recorded			484	780			
M.F. Coal			780	785			
Un-recorded			785	876			
Pgh. Coal			876	882			
Un-recorded			882	1280			
Little Dunkard			1280	1310			
Un-recorded			1310	1355			
Big Dunkard			1355	1365			
Un-recorded			1365	1560			
Gas Sand			1560	1645			
Un-recorded			1645	1680			
1st. Salt Sand			1680	1750			
Un-recorded			1750	1765			
2nd. Salt Sand			1765	1795	Water	1768'	
Un-recorded			1795	2050	"	1776'	Hole full.
Little Line			2050	2070			
Un-recorded			2070	2080			
Big Line			2080	2150			
Big Injun			2150		Gas	2162-2171'	
Total Depth.....				2185	Gas	2183'	



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

October 29th, 1967

Date \_\_\_\_\_, 19\_\_\_\_

PITTSBURGH & WEST VA GAS COMPANY.

APPROVED \_\_\_\_\_, Owner

By *W. J. McMaster*  
(Title)

Pittsburgh & West Virginia Gas COMPANY

Record of Well No. 5419 Located on F.M. Stagers et ux Farm Feb. 9th, 19 18.  
 Battelle District Monongalia County West Va. State  
 Division "I" District No. 11 Drilled under well Order  
 Rig built by Hope Natural Gas Co. Began March 18th, 19 18. Completed March 25th, 19 18.  
 Well drilled by Hope Drg. Dept. Str. 17 Began April 11th, 19 18. Completed June 3rd, 19 18.  
 Depth of Well 2185 feet Size of Hole 5-3/16" Producing Gas

Elev: 1166

Well purchased from the Hope Natural Gas Company, under agreement dated July 1st, 1939.

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
104 Ft.	13"		Reclaimed
917 Ft.	10"		Reclaimed
1882 Ft.	8 1/4"		Reclaimed
1838 Ft.	6-5/8"		1 - 6-5/8 Shoe. Steel line where casing actually sets 1800 Ft.
2138 Ft.	5-3/16"		1 - 5-3/16" Shoe. " " " " " " 2134 Ft.
2199 Ft.	2"		

COAL VEINS

FORMATIONS

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Native Coal	480	484				
Mapletown Coal	780	785				
Pittsburgh Coal	876	882				Steel Line
Little Dunkard	1280	1310				" "
Big Dunkard	1365	1365				" "
Gas Sand	1560	1645				" "
First Salt	1699	1790				" "
Second Salt	1765	1795			1768	" "
Little Lime	2060	2070			1776	" " Hole Full.
Big Lime	2080	2150				
Big Injun	2150			2162-71 2183		
Total Depth		2185				Original Test 30/10 M. 2" Opg. Test of all gas 108/10 Water 5-3/16"

852 McF