

0.625
 2.63W
 MAR - 91948
 2.64 W
 2.69

New Location
 Drill Deeper
 Abandonment

Company PITTSBURGH E. W. VA. GAS CO.
 Address CLARKSBURG, W. VA.
 Farm T. W. FLEMING
 Tract _____ Acres 250 Lease No. 6637
 Well (Farm) No. THREE Serial No. 5170
 Elevation (Spint Level) 1367'
 Quadrangle FAIRMONT N.W. 12
 County MARION District FAIRMONT
 Engineer Kenneth B. Moore
 Engineer's Registration No. _____
 File No. VDL 153 P126 Drawing No. _____
 Date NOV. 12 1947 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. MAR-499-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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

646

WELL RECORD

Oil or Gas Well "GAS"
(KIND)

Permit No. Ab 499-A

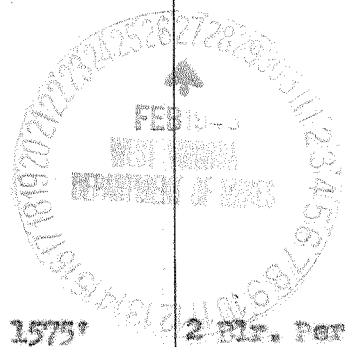
Company Pittsburgh & West Va Gas Company,
Address Clarksburg, West Va.
Farm T. W. Fleming Acres 250
Location (waters) Fairmont W/W. 1-2
Well No. 5170 Elev. 1367'
District Fairmont County Marion
The surface of tract is owned in fee by Florence T. Fleming
217 Jefferson Street Address Fairmont, W. Va.
Mineral rights are owned by Florence T. Fleming
217 Jefferson Street Address Fairmont, W. Va.
Drilling commenced August 11th, 1916
Drilling completed November 5th, 1916
Date Shot From To
With
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 and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10 - Cemented	682'	682'	Size of
8 1/4	1650'	1650'	
6 5/8	1951'	1951'	Depth set
5 3/16	2852'	2852'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT 70 FEET 60 INCHES
495 FEET 60 INCHES 622 FEET 72 INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Un-recorded			0	70			
Active Coal	Dark		70	75			
late Shells	"		75	200			
buff Sand	Light		200	240			
late	Dark		240	380			
lime	Light		380	395			
late	Dark	Soft	395	410			
lime	Light	Hard	410	495			
L.T. Coal	Black	Soft	495	500			
late	Light	Soft	500	530			
lime	"	Hard	530	550			
late	Light	Soft	550	560			
lime	"	Hard	560	575			
late	"	Soft	575	622			
gh. Coal			622	628			
late	Light	Soft	628	850			
and	"	Hard	850	875			
late	"	Shells	875	900			
"	"	Soft	900	960			
lime	"	Hard	960	985			
late	Dark	Soft	985	1055			
red Rock	Red	"	1055	1060			
late	Light	"	1060	1070			
lime	"	Hard	1070	1095			
late	Dark	Soft	1095	1180			
Big Dunkard	Light	Hard	1180	1225	Gas	1195'	
late	"	Soft	1225	1365			
Gas Sand	"	Hard	1365	1370			
late	Dark	Soft	1370	1380			
Gas Sand	Light	Hard	1380	1385			
late	Dark	Soft	1385	1400			
and	"	Shells	1400	1430			
late	"	"	1430	1520			
st. Salt Sand	Light	Hard	1520	1560			
late	Dark	Soft	1560	1565			
nd. Salt Sand	Light	Hard	1565	1665			
late	Dark	Soft	1665	1680	Water	1575'	2 Blr. Per Hr.
lime	"	Hard	1680	1700			
late	"	Soft	1700	1745			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock	Red	Soft	1745	1840			
Thin Shells	Dark	Hard	1840	1905			
Little Line	Light	Hard	1905	1920			
Slate	Dark	Soft	1920	1929			
Big Line	Light	Hard	1929	1980			
Big Injun	"	"	1980	2020	Gas	2005-2015'	
Red Rock	Red	Soft	2020	2026			
Big Injun	Light	Hard	2026	2118	Gas	2032'	
Slate	Dark	Soft	2118	2123			
Red Rock	Red	"	2123	2140			
Slate	Light	Shells	2140	2470			
Gantz Sand	"	Hard	2470	2542			
Slate	Dark	Soft	2542	2545			
50 Ft. Sand	Light	Hard	2545	2605			
Slate	"	Shells	2605	2625			
30 Ft. Sand	"	Hard	2625	2635			
Red Rock	Red	Soft	2635	2645			
Slate	Light	Shells	2645	2850			
Gordon Sand	"	Hard	2850	2860			
Red Rock	Red	Soft	2860	2865			
Sand	Light	Hard	2865	2890			
Slate	"	Shells	2890	2910			
4th. Sand	"	Hard	2910	2935			
Slate	"	Shells	2935	3005			
5th. Sand	Dark	Hard	3005	3030	Gas	3021'	
Slate	Light	Soft	3030	3069			
Total Depth.....				3069			

October 14th, 1947

Date _____ 19____
PITTSBURGH & WEST VA GAS COMPANY, _____

APPROVED _____ Owner

By W. G. M. Martin
(Title)

Record of Well No. 5190 Located on Thurston W. Lansing Farm April 5 1916
Parramont District Marion County West Va State
 Division 9 District No. 11 Drilled under well Order 572
 Rig built by John Orsig Began July 18 1916 Completed July 26 1916
 Well drilled by Joe L. McLaugh Began Aug 10 1916 Completed Nov 5 1916
 Depth of Well 3069 feet Size of Hole 5 3/16 Producing Gas
 Elev. 1367 G.L.

CASED WITH			REMARKS	
AMOUNT	SIZE	KIND		
			<i>Ab</i>	
<u>16'</u>	<u>16"</u>	<u>Wood</u>		
<u>682'</u>	<u>10"</u>	<u>Steel</u>	<u>682</u>	<u>Cemented</u>
<u>1664'</u>	<u>8 1/2"</u>	<u>Std</u>	<u>1650</u>	<u>Reclaimed</u>
<u>1962'</u>	<u>6 5/8"</u>	<u>Steel</u>	<u>1751</u>	<u>6 5/8" shoe</u>
<u>2852'</u>	<u>5 3/16"</u>	<u>Std 1299</u>		<u>5 3/16"</u>
<u>3069</u>	<u>2</u>			

COAL VEINS Maplewood 495 500 Gyl 628 636

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
<u>Sand</u>			<u>852</u>	<u>875</u>	<u>Water 115</u> <u>Lope full</u>
<u>Big Limestone</u>			<u>1180</u>	<u>1225</u>	<u>Gas 1195</u> <u>about</u>
<u>red salt sand</u>			<u>1565</u>	<u>1665</u>	<u>water 1575</u>
<u>Little Limestone</u>			<u>1905</u>	<u>1920</u>	
<u>Big Limestone</u>			<u>1929</u>	<u>1980</u>	
<u>Big Limestone</u>			<u>1980</u>		<u>Gas 2005 - 3.0612" 231 MCF</u>
<u>Big Limestone</u>			<u>2020</u>	<u>2026</u>	
<u>Big Limestone</u>				<u>2118</u>	<u>" 2031 - 4.8412" 292 MCF</u>
<u>Chert sand</u>			<u>2470</u>	<u>2542</u>	
<u>W. Limestone</u>			<u>2545</u>	<u>2605</u>	
<u>W. Limestone</u>			<u>2625</u>	<u>2635</u>	
<u>W. Limestone</u>			<u>2849</u>	<u>2860</u>	
<u>W. Limestone</u>			<u>2910</u>	<u>2935</u>	
<u>W. Limestone</u>			<u>3005</u>	<u>3030</u>	<u>Gas 3021 2.4W2 207 MCF</u>
<u>W. Limestone</u>				<u>3069</u>	

(164) Farmington

FORMATIONS

FORM: 032-5170

Well # 5170 Thurston W. Leasing

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Native Coal		75				
Slate of shells	75	230				
Cluff Sand	200	240				
Slate Limestone	240	495				
Madison Coal	495	500				
Slate Limestone	500	622				
Cluff Coal	622	628				
Slate	628	850				
Sand	850	875				
Big Dickard Sand	1180	1225		1195		
Slate Limestone Q. R.	875	1180				
Slate	1225	1365				
Sand	1365	1370				
Slate	1370	1380				
Gas Sand	1380	1385				
Slate	1385	1520				
wt. salt sand	1520	1560				
Slate	1560	1565				
wt. salt sand	1565	1665			1075	2 Failures
Slate Limestone Q. R.	1665	1905				
Slate Limestone	1905	1920				
Slate	1920	1929				
Big Limestone	1929	1980				
Big Limestone Sand	1980	2020		2005		
Cluff Q. R.	2020	2026		2015		
Big Sand Sand	2026	2118				
Slate Q. R.	2118	2470				
Cluff Sand	2470	2542				
Salt	2542	2645				
Cluff Coal	2645	2655				
Slate	2655	2625				
Cluff Coal	2625	2635				
Cluff Coal	2635	2850				
Cluff Sand	2850	2860				
Cluff Coal	2860	2865				
Sand	2880	2890				
Slate	2890	2910				
Weyel Sand	2910	2935				
Slate	2935	3005				
Cluff Sand	3005	3030			3021	
Slate		3069				