

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

Company PITTSBURGH & W.V.A. GAS CO.
 Address CLARKSBURG, W.V.A.
 Farm F. B. HELDRETH
 Tract _____ Acres 90 Lease No. 5271
 Well (Farm) No. ONE Serial No. 1866
 Elevation (Spirit Level) 1022' V.A.
 Quadrangle CLARKSBURG N.W. 2E
 County MARION District MANNINGTON
 Engineer James D. Jeffries
 Engineer's Registration No. 1084
 File No. V-118, P-69, Drawing No. _____
 Date DEC. 14, 1942, Scale 1"=300'

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

WELL LOCATION MAP
 FILE NO. MAR-367-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.

"IMPERIAL" TRACING CLOTH
 K & E CO., N. Y.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

452

WELL RECORD

GAS

Permit No. 367-A

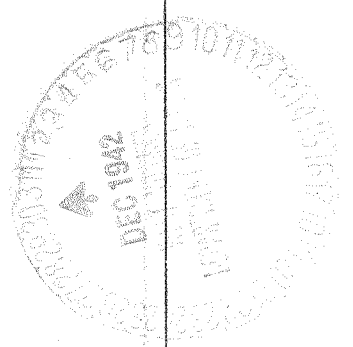
Oil or Gas Well.....
(KIND)

Company Pittsburgh & West Va Gas Company.
Address Clarksburg, West Va.,
Farm F. B. Heldreth Acres 90
Location (waters) Clarksburg N/W. 2-4
Well No. 1866 Elev. 1022' VA
District Mannington County Marion
The surface of tract is owned in fee by Frank Crinn
Mannington Address West Va.,
Mineral rights are owned by F. B. Heldreth
Riffe, Lewis Co., Address Washington.
Drilling commenced January 26, 1906
Drilling completed March 2, 1906
Date Shot 12-17-1942 From 1726 To 1834
With 30 Quarts - Nitro Glycerine.
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			Kind of Packer
16.			
18.			
10.	254'	254'	Size of
8 1/4.	796'	Pulled.	
6 3/8.	1525'	1525'	Depth set.
5 3/16.			
3.			Perf. top
2.			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED.....SIZE.....No. Ft.....Date
.....
.....
COAL WAS ENCOUNTERED AT 110 FEET 60 INCHES
224 FEET 109 INCHES.....FEET.....INCHES
.....FEET.....INCHES.....FEET.....INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	10			
Line	White	Hard	10	110			
Coal	Black	Soft	110	115			
Line	White	Hard	115	150			
Slate	Gray	Soft	150	160			
Line	White	Hard	160	224			
Pgh. Coal	Black	Soft	224	233			
Slate	White	"	233	433			
Red Rock	Red	"	433	450			
Line	White	Hard	450	475			
Slate	Red	Soft	475	500			
"	White	"	500	600			
Line	"	Hard	600	749			
Big Dunkard	"	"	749	814			
Line	"	Hard	814	850			
"	"	"	850	915			
Gas Sand	"	"	915	995			
Slate	Black	Soft	995	1015			
Salt Sand	White	Hard	1015	1100			
Slate&line	"	"	1100	1135			
Salt Sand	"	"	1135	1325			
Red Rock	Red	Soft	1325	1425			
Line & Sand	White	Hard	1425	1435			
Red Rock	Red	Soft	1435	1475			
Little Line	White	Hard	1475	1505			
Pencil Cave		Soft	1505	1515			
Big Line	White	Hard	1515	1580			
Big Injun	"	"	1580	1730	Gas	1683-88'	
Line	"	"	1730	1980	Gas	1718-28'	
Slate			1980	2030			
Thirty Foot		Hard	2030	2100			
Line & Slate	White	"	2100	2165			
Fifty Foot	"	"	2165	2260	Gas	2240-45'	
Red Rock	Red	Soft	2260	2320			
Red Rock	"	"	2320	2360			
Gordon Stray	White	Hard	2360	2395			
Un-recorded			2395	2435			
Gordon Sand	White	Hard	2435	2451			
Red Rock	Red	"	2451	2461			
4th.Sand	White	"	2461	2485			
Un-recorded			2485	2615			
5th.Sand	Dark	Hard	2615	2620			



Record of Well No. 1866 Located on P. B. Hildreth Farm 19
Farmington District Marion County West Va State
 Division A. District No. 11 Drilled under well Order 614
 Rig built by John Craig Began 19 Completed 19
 Well drilled by Berrios Hartness Began Jan 26 1906 Completed Mar 2 1906
 Depth of Well 2750 feet Size of Hole 6 7/8 Producing Gas
 Elev. 1022

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
			<u>Pig reclaimed</u>
<u>16'</u>	<u>3 1/2"</u>	<u>Wood</u>	
<u>254'</u>	<u>10"</u>	<u>Old</u>	
<u>490'</u>	<u>8 1/2"</u>	<u>New</u>	<u>Reclaimed Mar 6 - 1906</u>
<u>1525'</u>	<u>6 5/8"</u>	<u>Old</u>	
<u>1655'</u>	<u>3"</u>		<u>Reclaimed 11-27' of 3" - Mar 6 1905</u>

COAL VEINS Maplewood 110 227
116 236

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
<u>Big Oakford</u>			<u>745</u>	<u>800</u>	
<u>Spokford</u>			<u>915</u>	<u>995</u>	
<u>Maple</u>			<u>1315</u>	<u>1350</u>	<u>Water 1175</u>
<u>Big Linn</u>			<u>1520</u>		
<u>Big Linn</u>			<u>1580</u>	<u>1930</u>	<u>Gas 1685</u>
<u>Little Root</u>			<u>2030</u>	<u>2100</u>	<u>" 1718</u>
<u>Willy Root</u>			<u>2165</u>	<u>2260</u>	<u>" 2240</u>
<u>Goldsmith</u>			<u>2360</u>	<u>2395</u>	
<u>Goldsmith</u>			<u>2435</u>	<u>2465</u>	
<u>Wet</u>			<u>2615</u>	<u>2620</u>	

(064) Farmington

