

New Location
 Drill Deeper
 Abandonment

Company PITTSBURGH & WEST VA. GAS
 Address CLARKSBURG, WEST VA.
 Farm L. H. SOMMERVILLE
 Tract _____ Acres 22 Lease No. 18134
 Well (Farm) No. ONE Serial No. 4821
 Elevation (Spirit Level) 810.5 VA
 Quadrangle HOLBROOK S.W. 22
 County RITCHIE District UNION
 Engineer Kenneth B. Moore
 Engineer's Registration No. _____
 File No. V-90 P-116 Drawing No. _____
 Date NOV. 29, 1943 Scale 1" = 300'

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

WELL LOCATION MAP
 FILE NO. Rit-686A

+ 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.

(132) H5

L. H. SOMMERVILLE M. 1 (4821) - PGH & WVA GAS CO. - RIT 686-A

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

Ab 686-A

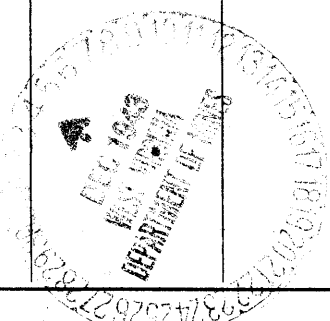
Permit No. _____ Oil or Gas Well _____ (Kind)

Pittsburgh & West Va Gas Company.
 Company: _____
 Address: **Clarksburg, West Va.,**
 Farm: **Lela H. Sommerville** Acres **22**
 Location (waters): **Holbrook S/W. 2-2**
 Well No.: **4921** Elev. **810.5**
 District: **Union** County: **Ritchie**
 The surface of tract is owned in fee by **Lela H. Sommerville**
 Address: **Auburn, West Va.,**
 Mineral rights are owned by **Lela H. Sommerville**
 Address: **Auburn, West Va.,**
 Drilling commenced: **June 18th, 1922.**
 Drilling completed: **Comp. July 5th, 1922.**
 Date shot: _____ Depth of shot: _____
 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			
13			
10	87'	87'	Size of
8 1/4	815'	815'	
6 3/4	1633'	1633'	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 _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			0	20			
Slate		Soft	20	60			
Line		"	60	90			
Red Rock		"	90	110			
Slate&Line			110	260			
Red Rock		Soft	260	300			
Line	Light	Hard	300	330			
Slate&Red Rock			330	500			
Line	Light		500	540			
Slate&Line			540	700			
Red Rock		Soft	700	760			
Sand	White		760	790			
Slate&Line			790	820			
Sand	White		820	845			
Slate & Line			845	905			
Line			905	930			
Slate	White	Soft	930	1000			
Gas Sand	"	Broken	1000	1070			
Slate	Dark	Soft	1070	1130			
1st. Salt Sand -Wh.		"	1130	1170			
Slate	Dark	"	1170	1425			
2nd. Salt Sand-Dark		Hard	1425	1445			
Slate	"	Soft	1445	1457			
3rd. Salt Sand-White		Hard	1457	1495	Gas	1458'	
Slate&shells			1495	1530			
Slate	Black	Soft	1530	1578			
Line	White	Hard	1578	1590			
Slate	"	Soft	1590	1604			
Line		Hard	1604	1610			
Slate		Soft	1610	1625			
Big Line	White	Hard	1625	1685			
Big Injun	"	"	1685	1752	Gas	1694-1711	
Un-recorded			1752	1797			
Total Depth				1797'			



Record of Well No. 4821 Located on Selaf Ploverville Farm May 16 1922
Union District Polk County West Va State
 Division A District No. _____ Drilled under well Order 1665
 Rig built by John Craig Began May 28 1922 Completed May 31 1922
Oil and gas to the surface June 26 1922 Completed June 5 1922
 Well drilled by W. M. Gaudart Began June 12 1922 Completed July 5 1922
 Depth of Well 1712 feet Size of Hole 6 5/8 Producing Gas
1797
1742 elw. 811

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
<u>87'</u>	<u>10</u>	<u>Red</u>	
<u>815'</u>	<u>8 1/4</u>	<u>"</u>	
<u>1633'</u>	<u>6 5/8</u>	<u>"</u>	<u>B. H. Packer</u>

COAL VEINS

FORMATIONS

FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
<u>Hessland</u>			<u>1000</u>	<u>1070</u>	
<u>wt. salt sand</u>			<u>1130</u>	<u>1170</u>	
<u>sand</u>			<u>1425</u>	<u>1445</u>	
<u>grd</u>			<u>1457</u>	<u>1495</u>	<u>Gas 1458 - 19/102 1/2 cpm</u>
<u>Littleline</u>			<u>1590</u>	<u>1604</u>	
<u>Cherry Cove</u>			<u>1604</u>	<u>1610</u>	
<u>Shale</u>			<u>1610</u>	<u>1625</u>	
<u>Big Linn</u>			<u>1625</u>	<u>1685</u>	
<u>Big Linn</u> (365)			<u>1685</u>	<u>1752</u>	<u>Gas 1694-1711 - 24/102 1/2 cpm</u>
<u>Began drilling deeper at</u>			<u>1710</u>		<u>Well filled from 1794 to 1743 ft with sand pumping</u>

