



Company PITTSBURGH & W.V.A. GAS CO.
 Address CLARKSBURG, W.V.A.
 Farm J. S. GOODE ET AL
 Tract _____ Acres 315 Lease No. 16798
 Well (Farm) No. ONE Serial No. 4801
 Elevation (Spirit Level) 1113, 1036' E, 1032'
 Quadrangle HOLBROOK S.W. 22
 County RITCHIE District UNION
 Engineer Paul McWhinnery
 Engineer's Registration No. _____
 File No. V-104, P-139 Drawing No. _____
 Date MAY 21, 1942 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. ~~RIT-603-A-NO 4801~~
RIT-742-A-WELL No. 4801

+ 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.

AL



667

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Oil or Gas Well **"GAS"**
(KIND)

Permit No. 742-A

Company Pittsburgh & West Va Gas Company.

Address Clarksburg, West Va.

Farm J. S. Goods Acres 315

Location (waters) Halbrook S/W. 2-2

Well No. 4807 Elev. 1036' L.

District Union County Ritchie

The surface of tract is owned in fee by Eldon Hess et al.
Address Hole Hill, W. Va.

Mineral rights are owned by G. Burke Morris et al.
Address Clarksburg, W. Va.

Drilling commenced December 9, 1921

Drilling completed January 9, 1922

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			Kind of Packer
16			
13			
10	207'	Pulled,	Size of
8 1/4	1077'	1077'	
6 5/8	1875'	Pulled,	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
Soil			0	10			
Slate	Light	Soft	10	50			
Lime	Dark	Hard	50	65			
Red Rock	Red	Soft	65	110			
Sand	White	Hard	110	165			
Slate	Dark	Soft	165	180			
Red Rock	Red	Soft	180	205			
Lime	Dark	Hard	205	225			
Red Rock	Red	Soft	225	360			
Slate&Lime		"	360	435			
Red Rock	Red	"	435	460			
Lime	Dark	Hard	460	480			
Red Rock	Red	Soft	480	530			
Lime	Dark	Hard&Soft	530	560			
Red Rock	Red	Soft	560	580			
Slate	Dark	"	580	595			
Lime	"	Hard	595	635			
Red Rock	Red	Soft	635	655			
Lime	Dark	Hard	655	695			
Red Rock	Red	Soft	695	705			
Lime	Light	Hard	705	755			
Slate	Dark	Soft	755	775			
Sand	White	Hard	775	800			
Red Rock			800	810			
Sand	Hard		810	860			
Slate	White		860	910			
Lime	"	Hard	910	950			
Slate	Black		950	1000			
Sand	White	Hard	1000	1030			
Slate	Dark	Soft	1030	1050			
Lime	"	"	1050	1070			
Slate	White		1070	1100			
Lime	Dark	Hard	1100	1110			
Sand	White	"	1110	1190			
Slate	Black	Soft	1190	1225			
Lime	"	Hard	1225	1215			
Slate	White	Soft	1215	1280			
Lime	Light	Hard	1280	1320			
Slate	Dark	Soft	1320	1390			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale	Dark	Broken	1390	1420			
Shale	"	Soft	1420	1435			
Light Salt Sand	"	Hard	1435	1460			
Shale	"	Soft	1460	1480			
Lime	"	Hard	1480	1525			
Shale	"	Soft	1525	1570			
Lime	"	Hard/Soft	1570	1635			
Light Salt Sand	White	Hard	1635	1695			
Shale	"	Soft	1695	1705			
Lime	Dark	Hard	1705	1715			
Shale	White	"	1715	1752	Gas	1715'	
Shale	Dark	Soft	1752	1817			
Shale	White	Hard	1817	1821			
Shale	"	"	1821	1830			
Little Lime	"	"	1830	1848			
Thin Shells	Dark	"	1848	1862			
Small Cove	"	Soft	1862	1871			
Big Lime	"	Hard	1871	1935			
Big Brown Sand	"	"	1935	2005	Gas	1969-1971'	
Shale	White	"	2005	2035	Gas	1969-1971'	
Thin Shells	Dark	"	2035	2112			
Total Depth				2112			

Date **September 25, 1945**

, 194

PITTSBURGH & WEST VA GAS COMPANY,

APPROVED _____, Owner

By W. J. McMaster
(Title)

Record of Well No. 4809 Located on J. L. Goode Farm Oct 20 1921
Union District Pitchie County West Va State _____
 Division A. District No. _____ Drilled under well Order 1655
 Rig built by John Craig Began Nov 22 1921 Completed Nov 30 1921
 Well drilled by W. M. Pembert Began Dec 9 1921 Completed Jan 9 1922
 Depth of Well 2112 feet Size of Hole 6 5/8 Producing Gas
 elev. 1036

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
			Own all rights
207'	10	oef	Reclaimed
1077'	8 1/4	"	
1875'	6 5/8	"	B. N. Jackson Reclaimed

COAL VEINS

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (thickness of part)
<u>Big Dam</u>			1140	1190	
<u>1st. Salt Sand</u>			1390	1430	
<u>2nd. "</u>			1435	1568	
<u>3rd. "</u>			1635	1752	<u>Gas 1745 show</u>
<u>Little Pass</u>			1830	1848	
<u>Condit Clay</u>			1861	1871	
<u>Big Pass</u>			1871	1935	<u>Gas 1881-83 - 6 1/2 2 1/2"</u>
<u>Big Bryne</u>			1935	2006	<u>" 1969-71 - 4 1/2 2 1/2"</u>

FIRST PRESSURE TEST IN		6 5/8" CASING	REMARKS
30 Sec.	5	lbs. 3 1/10 W 2 "	
1 Min.	10	"	
2 "	15	" 20	
5 "	25	" 30	
10 "	60	"	
15 "	92	" 118	
30 "	167	" 285	
Rock Pressure	362	" in 1/2	
Taken	Jan 9	1922	
By	Dillie		

WELL TUBED AND PACKED Jan 15 1922

VIZ:- Used 98 ft. 1 1/2" 3" Tubing (Ded) 1-6 5/8" 5/16 Wedge Ripple
 2 ft. 3/4" 5 3/16 Osg. Anchor 1-6 5/8" Steel Casing Shoe
 10 8' 4 x 5 3/16 Anchor Packers 9 ft. 1 1/2" 3" Tubing Anchor
 8' 4 x 3" Top from Rock ball Packers
 2 ft. 3/4" 5 3/16 Osg. Anchor

FIRST PRESSURE TEST IN		3" TUBING	REMARKS
30 Sec.	10	lbs. 4 1/10 W 3" Osg	
1 Min.	20	"	
2 "	35	" 50/100	
5 "	80	"	
10 "	152	"	
15 "	225	" 275	
30 "	360	" 450	
Rock Pressure	575	" in 24 hrs.	
Taken	Jan 16	1922	
By	W. M. Hayes & Dillie		

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

[Empty space for listing material sources]