

Company Pittsburgh & W.Va. Gas Co.
 Address Clarksburg W.Va.
 Farm Jacob Flesher
 Tract _____ Acres 130 Lease No. 4405
 Well (Farm) No. 3 Serial No. 7163
 Elevation (Spirit Level) 1180 V.A.
 Quadrangle Vadis SE 4³
 County Lewis District Courthouse
 Engineer Jamest D. Jeffries
 Engineer's Registration No. 1084
 File No. 158/115 Drawing No. _____
 Date 7-12-48 Scale 1"=500'

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

WELL LOCATION MAP
 FILE NO. LEW-439-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.

JACOB FLESHER No. 3 (7163) - PGM. & W.VA. GAS CO. - LEW-439.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

516

WELL RECORD

"GAS"

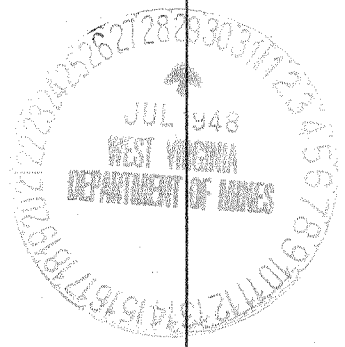
Oil or Gas Well (KIND)

AP 429-A
Permit No. _____
Company Pittsburgh & West Va Gas Company.
Address Clarksburg, West Va.
Farm Jacob Flecher Acres 130
Location (waters) Vadis S/E. 4-3
Well No. 7163 Elev. 1180' VA
District Court House County Lewis
The surface of tract is owned in fee by Clara M. Aspinall
209 West 2nd. Street Address Weston, W. Va.
Mineral rights are owned by Clara M. Aspinall
209 West 2nd. Street Address Weston, West Va.
Drilling commenced July 20th, 1917
Drilling completed September 16, 1917
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	160'	160'	Size of
8 1/4	821'	821'	
6 3/8	1980'	1980'	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 280 FEET 72 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock	Red	Soft	0	20			
Line	Gray	Hard	20	47			
Red Rock	Red	Soft	47	165			
Line	Gray	Hard	165	280			
Pgh. Coal			280	286			
Slate	Dark	Soft	286	435			
Red Rock	Red	"	435	760			
Little Dunkard	Dark	Hard	760	775			
Line	Light	Hard	775	810			
Big Dunkard	"	"	810	810			
Red Rock	Red	Soft	810	860			
Line	Light	Hard	860	950			
1st. Salt Sand	"	"	950	1188			
Slate	Dark	Soft	1188	1265			
2nd. Salt Sand	"	Hard	1265	1335			
Slate	"	Soft	1335	1340			
Sand	"	Hard	1340	1365			
Slate	"	Soft	1365	1423			
Sand	"	Hard	1423	1463			
Slate	"	Soft	1463	1600			
3rd. Salt Sand	Gray	Hard	1600	1650			
Slate	Dark	Soft	1650	1760			
Red Rock	Red	"	1760	1885			
Maxon Sand	"	Hard	1885	1905			
Slate	Dark	Soft	1905	1911			
Line	Light	Hard	1911	1924			
Slate	Dark	Soft	1924	1934			
Little Line	Gray	Hard	1934	1956			
Slate	Light	Soft	1956	1962			
Big Line	Gray	Hard	1962	2013			
Big Injun	"	"	2013	2185	Gas	2085'	
Slate Shells	Light	Soft&Hard	2185	2191			
Sand	Gray	Hard	2191	2208			
Slate&Shells		Hard&Soft	2208	2300			
Line	Dark	Hard	2300	2317			
Slate&Shells		Hard&Soft	2317	2503			
30 Ft. Sand		Hard	2503	2513			
Slate&Shells		Hard&Soft	2513	2540			
50 Ft. Sand	Light		2540	2550			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pink Rock	Pink	Soft	2550	2590			
Gordon Stray	Dark	Hard	2590	2615			
Slate	"	Soft	2615	2622			
Gordon Sand	White	Hard	2622	2662			
Slate&Shells	Dark	"	2662	2803			
5th.Sand	Brown	"	2803	2815	Gas	2806'	
Slate&Shells		Hard&Soft	2815	2828			
Total Depth				2828			

May 15, 1948

Date _____, 19____

PITTSBURGH & WEST VA GAS COMPANY.

APPROVED

Owner

By W. J. M. Mester
(Title)

COMPANY *Abt 4-26-48*

Record of Well No. **7163** Located on **Jacob Flesher** Farm **May-24th, 17.** 19
 Court House District **Lewis** County **West Virginia** State
 Division **K** District No. **13** Drilled under Well Order **922**
 Rig built by **John Craig** Began **July 1917** Completed **July, 1917.** 19
 Well drilled by **R. T. Gee** Began **July 20th 1917** Completed **Sept-16-17** 19
 Depth of Well **2828** feet **Slate** Size of Hole **6-5/8"** Producing **Gas**
 Elevation: **11806**

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
16'	13"	Wood	
160'	10"	Casg	<i>Pulled 10' left in 55' of 10"</i>
821'	8 1/2"	Casg	<i>Pulled 821' of 8 1/2" cas. All out.</i>
1980'	6 1/2"	Casg	<i>No packer Pulled 839' left in 1141' of 6 1/2"</i>

COAL VEINS

FORMATIONS

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Big Lime	1962	2013				
Big Injun	2013	2185		2085		1/10 W"1"
Gorden Stray	2590	2600				
Gorden Sand	2622	2662				
5th Sand	2803	2815		2806		20/10 W"2"

Plugged 12-8-48 to 12-20-48:

- Aggral 2828-2662*
- Cement 2662-2652*
- Aggral 2652-2010*
- Cement 2010-2000*
- Aggral 2000-870*
- Cement 870-860*
- Aggral 860-316*
- Cement 316-260*
- Aggral 260-5'*
- Cement 5'-Surface*

189 McF

FIRST PRESSURE TEST IN 6-5/8" CASING REMARKS

30 Sec. 2 lbs.
 1 Min. 5 "
 2 " 10 16/19 "
 5 " 21 "
 10 " 40 "
 15 " 52 "
 30 " "
 Rock Pressure 144 " in 14 hrs
 Taken Sept 16th 1917
 By Gee Harrison

WELL TUBED AND PACKED Sept 18, 1917
 VIZ:- ~~146 lbs of 2 1/2" Subbing~~
~~6 1/2" 2 Hook Wall Packer~~
~~92 to 184' of Gravel~~
 Pulled 2450'
 Left in 376'

FIRST PRESSURE TEST IN 2" TUBING REMARKS

30 Sec. 20 lbs.
 1 Min. 28 "
 2 " 43 57/66 "
 5 " 77 "
 10 " 108 "
 15 " 124 "
 30 " "
 Rock Pressure 146 " in 24 hrs
 Taken Sept 20 1917
 By H. G. McSherry

24/10 No. 2"

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:
 1-Old Rig Timbers, Rig Irons, And Lumber from Well No. 4119 Flesher
 1-Part Set Rig Irons And Wood Work from Steck.
 5090' New Rig Lumber from P. K. Teter

FORMATIONS

NAME	Top	BOTTOM	OIL	GAS	WATER	REMARKS
Red Rock	00	20				
Lime	20	47				
Red Rock	47	165				
Lime	165	280				
Slate	280	435				
Red Rock	435	760				
Little Dunkard	760	795				
Lime	795	810				
Big Dunkard	810	840				
Red Rock	840	860				
Lime	860	950				
1st Salt Sand	950	1188				
Slate	1188	1265				
2nd Salt	1265	1335				
Slate	1335	1340				
Sand	1340	1365				
Slate	1365	1423				
Sand	1423	1463				
Slate	1463	1600				
3rd Salt Sand	1600	1650				
Slate	1650	1760				
Red Rock	1760	1885				
Maxen Sand	1885	1905				
Slate	1905	1911				
Lime	1911	1924				
Slate	1924	1934				
Lime	1934	1956				
Slate	1956	1963				
Big Lime	1963	2013				
Big Injun	2013	2185				
Slate	2185	2191				
Sand	2191	2208				
Slate	2208	2300				
Lime	2300	2317				
Slate	2317	2503				
Thirty feet	2503	2513				
Slate	2513	2540				
Fifty feet	2540	2550				
Red Rock	2550	2590				
Sand	2590	2615				
Slate	2615	2622				
Gerden Sand	2622	2662				
Slate	2662	2803				
5th Sand	2803	2815			2806	
Slate	2815	2828	T.D.			