



New Location
 Drill Deeper
 Abandonment

Company PITTSBURGH & W.VA. GAS CO.
 Address CLARKSBURG, W.VA.
 Farm JOHN COLLINS
 Tract _____ Acres 230 Lease No. 4462
 Well (Farm) No. ONE Serial No. 4016
 Elevation (Spirit Level) 955' VA.
 Quadrangle BURNSVILLE N.E. 13
 County LEWIS District COURTHOUSE
 Engineer Kenneth B. Moore
 Approved By R. S. Sinden 764
 Engineer's Registration No. _____
 File No. VOL. 164 P. 79 Drawing No. _____
 Date APR. 4, 1950 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. LEW-546-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.



643

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Oil or Gas Well "GAS"
(KIND)

Permit No. 546-A
Company Pittsburgh & West Va Gas Company.
Address Clarksburg, West Va.
Farm John Collins Acres 230
Location (waters) Dunnsville 1/2, 1-3
Well No. 4016 Elev. 955' VA
District Court House County Louis
The surface of tract is owned in fee by John Collins, atty.
in fact, T. B. Miller Address Weston, West Va.
Mineral rights are owned by John Collins, Atty-in-Fact
T.B. Miller Address Weston, West Va.

Drilling commenced February 17, 1912
Drilling completed March 27, 1912
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	109'	109'	Size of
8 1/4	966'	966'	
6 3/8	1927'	1977'	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 528 FEET 36 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Yellow	Soft	0	15			
Slate	Red	"	15	30			
Sand	Light	"	30	50			
Slate	"	"	50	60			
Sand	"	Hard	60	75			
Slate	White	Soft	75	81			
Sand	"	Hard	81	88			
Slate	Dark	Soft	88	113			
Lime	"	Hard	113	113			
Red Rock	"	Soft	113	130			
Sand	Light	Hard	130	200			
Red Rock	Red	Soft	200	215			
Lime	White	Hard	215	215			
Slate	"	Soft	215	270			
Red Rock	Red	"	270	270			
Lime	Light	Hard	290	330			
Red Rock	Red	Soft	330	400			
Lime	White	Hard	400	438			
Red Rock	Red	Soft	438	445			
Lime	White	Hard	445	460			
Red Rock	Red	Soft	460	485			
Sand	Light	Hard	485	528			
Coal	Black	Soft	528	531			
Slate	Light	Soft	531	541			
Red Rock	Red	Soft	541	590			
Slate	Light	Soft	590	665			
Lime	"	Hard	665	674			
Red Rock	Red	Soft	674	695			
Lime	Dark	Hard	695	710			
Slate	Light	Soft	710	710			
Lime	"	Hard	710	760			
Big Darkard	"	"	760	821			
Slate	Dark	Soft	821	829			
Lime	"	Hard	829	890			
Sand	Light	Hard	890	915			
Slate	"	Soft	915	920			
Lime	"	Hard	920	956			
Slate	Dark	Soft	956	961			



FEB 23 1951

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime	Light	Hard	961	966			
Salt Sand	"	"	966	985			
Slate	"	Soft	985	1000			
Sand	"	Hard	1000	1053			
Slate	Dark	Soft	1053	1099			
Salt Sand	Light	Hard	1099	1095			
Slate	Dark	Soft	1095	1100			
Lime	Light	Hard	1100	1115			
Sand	Gray	"	1115	1162			
Slate	Dark	Soft	1162	1168			
Lime	"	Hard	1168	1185			
Sand	Light	"	1185	1304			
Lime	"	"	1304	1319			
Slate	Black	Soft	1319	1445			
Lime	Dark	Hard	1445	1700			
Sand	Light	Hard	1500	1535			
Slate	Dark	Soft	1535	1541			
Sand	Light	Hard	1541	1578			
Slate	Dark	Soft	1578	1679			
Sand	Light	Hard	1583	1679			
Slate	Dark	Soft	1679	1699			
Lime	White	Hard	1699	1749			
Sand	"	"	1749	1778			
Slate	"	Soft	1778	1800			
Lime	"	Hard	1800	1816			
Red Rock Shells		Soft/Hard	1816	1853			
Slate	Light	Soft	1853	1863			
Little Lime	Dark	Hard	1863	1889			
Slate	Dark	Soft	1889	1912			
Big Lime	White	Hard	1912	1970			
Big Injun	"	"	1970	2145	Gas	2047'	
Slate	Black	Soft	2145	2147	Gas	2097'	
Squar Sand	Gray	Hard	2147	2167			
Slate	Dark	Soft	2167	2250			
Quartz Sand	Light	Hard	2250	2261			
Slate	Dark	Soft	2261	2461			
30 Ft. Sand	Light	Hard	2461	2481			
Slate	Dark	Soft	2481	2487			
Shells		Hard	2487	2489			
Slate	Light	Soft	2489	2526			
Gordon Stray	"	Hard	2526	2517	Gas	2529-2532'	
Slate	Black	Soft	2517	2535	Gas	2532'	
Gordon Sand	Gray	Hard	2535	2575	Gas	2563'	
Slate	Dark	Soft/Hard	2575	2712			
Sand	Brown	Hard	2712	2762			
Slate/Shell			2762	2775			
Total Depth				2775			

April 3rd, 1950

Date _____, 19____
 PETESBOROUGH & WEST VA GAS COMPANY.

APPROVED _____, Owner

By W. M. Mathews
 (Title)

The Philadelphia Company of West Virginia

Record of Well No. 4016 Located on John Collins Farm No 24 1911
Court House District Lewis County West Va State
 Division F District No. 13 Drilled under Well Order 368
 Rig built by John Craig Began Jan 27 1912 Completed Feb 5 1912
 Well drilled by R. T. Goel Began Feb 19 1912 Completed Mar 27 1912
 Depth of Well 2795 feet. Size of Hole 6 7/8 Producing Gas

Elev: 9556

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
<u>16</u>	<u>13"</u>	<u>Wood</u>	Pulled <u>184' - 10"</u> Pulled <u>74'</u> Left in <u>72' - 8 1/4"</u> Pulled <u>1058'</u> Left in <u>919' - 6 7/8"</u> 1- <u>8 1/4" x 6 7/8"</u> Larkin 1st Pattern
<u>489'</u>	<u>10"</u>	<u>Old</u>	
<u>966'</u>	<u>8 1/4"</u>	<u>New</u>	
<u>1977'</u>	<u>6 7/8"</u>	<u>"</u>	

COAL VEINS 5286
5311

FORMATIONS							REMARKS
NAME	TOP	BOTTOM	OIL	GAS	WATER		
<u>Big Sand</u>	<u>760</u>	<u>821</u>					
<u>Big Linn</u>	<u>1912</u>	<u>1970</u>					
<u>Big Linn</u>	<u>1970</u>	<u>2145</u>					
<u>Big Linn</u>	<u>2145</u>	<u>2147</u>					
<u>Shaly Sand</u>	<u>2250</u>	<u>2281</u>					
<u>Thirty Foot</u>	<u>2461</u>	<u>2484</u>					
<u>Gordon Clay</u>	<u>2526</u>	<u>2547</u>				<u>2529-32-5#</u>	
<u>Gordon</u>	<u>2555</u>	<u>2573</u>				<u>2563-20#</u>	
<u>Fifth Sand</u>	<u>2742</u>	<u>2762</u>	<u>2748</u>				
<u>Plugged</u>	<u>7-14-50</u>	<u>to</u>	<u>7-27-50</u>				
<u>Aquagel</u>	<u>2795</u>	<u>2490</u>					
<u>Bridged</u>		<u>2490</u>					
<u>Cement</u>	<u>2490</u>	<u>2460</u>					
<u>Aquagel</u>	<u>2460</u>	<u>2000</u>					
<u>Bridged</u>		<u>2000</u>					
<u>Cement</u>	<u>2000</u>	<u>1990</u>					
<u>Aquagel</u>	<u>1990</u>	<u>990</u>					
<u>Bridged</u>		<u>990</u>					
<u>Cement</u>	<u>990</u>	<u>980</u>					
<u>Aquagel</u>	<u>980</u>	<u>561</u>					
<u>Bridged</u>		<u>561</u>					
<u>Cement</u>	<u>561</u>	<u>508</u>					
<u>Aquagel</u>	<u>508</u>	<u>5</u>					
<u>Cement</u>	<u>5</u>	<u>Surface</u>					

*John Collins
 for gas Apr 6, 1912*

FIRST PRESSURE TEST IN 6 7/8 CASING

REMARKS

after start

30 Sec.	10	lbs.	15
1 Min.	20	"	35
2 "	30	"	55. 75
5 "	80	"	115
10 "	155	"	195
15 "	215	"	250
30 "	350	"	385

Mar 29-1912
Well shot with 40 lb
hole bugged at 2579

Rock Pressure " in

Taken Mar 28 1912

By Crabbe Cap 2, 142, 367

WELL TUBED AND PACKED Apr 5 1912

Weld: 2802 feet 3" tubing (368 to 755 ft of anchor)
1-6 7/8 x 3" Heater anchor packer.
Pulled 2560' Left in 240' of 3"

FIRST PRESSURE TEST IN 3 TUBING

REMARKS

30 Sec.	40	lbs.	
1 Min.	65	"	
2 "	100	"	
5 "	190	135	160
10 "	290	"	
15 "	340	"	
30 "	450	"	

Rock Pressure 600 " in 24 hrs.

Taken April 4 1912

By Crabbe MAY 31 1913 R.P. 510

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

- 6650 ft Lumber @ 20¢ \$1330 " Albert Bailey
- 17 Horden rig from well #2019. Ella Collins
- 1 Sand Ref
- 500 # nails
- 1 Set Wood Hook & Conductor } from Ches Ring Ref Co

John Collins

FORMATIONS Well No. 4016

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Conductor	--	16				
Slate	16	20			15	
"	20	30				
Sand	30	50			50	
Slate	50	60				
Sand	60	75				
Slate	75	81				
Sand	81	88				
Slate	88	113				
Lime	113	143				
Red Rock	143	180				
Sand	180	200				
Red Rock	200	215				
Lime	215	245				
Slate	245	270				
Red Rock	270	290				
Lime	290	330				
Red Rock	330	400				
Lime	400	438				
Red Rock	438	445				
Lime	445	460				
Red Rock	460	485				
Sand	485	528				
Coal	528	531				
Slate	531	541				
Red Rock	541	588				
Slate	588	665				
Lime	665	674				
Red Rock	674	695				
Lime	695	710				
Slate	710	740				
Lime	740	760				
Hig Dunkard Sand	760	821				
Slate	821	829				
Lime	829	890				
Sand	890	915				
Slate	915	920				
Lime	920	956				
Slate	956	961				
Lime	961	966				
Sand	966	985				
Slate	985	1000				
Sand	1000	1053				
Slate	1053	1059				
Sand	1059	1095				
Skate	1095	1100				
Lime	1100	1115				
Sand	1115	1162				
Slate	1162	1168				
Lime	1168	1185				
Sand	1185	1304				
Lime	1304	1319				
Slate	1319	1445				
Lime	1445	1500				
4th, Salt Sand	1500	1535				
Slate	1535	1541				
Sand	1541	1578				
Slate	1578	1583				
Sand	1583	1679				
Slate	1679	1699				
Lime	1699	1749				
Sand	1749	1796				
Slate	1796	1800				
Lime	1800	1816				
Red Rock	1816	1853				
Slate	1853	1863				
Little Lime	1863	1889				

FORMATIONS

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Pencil Cave	1889	1912				
Big Lime	1912 ⁴	1970				
Big Injun	1970	2145		2047		
Slate	2145	2147		2097		
Squaw Sand	2147	2167				
Slate	2167	2250				
Gantz Sand	2250	2281				
Slate	2281	2461				
Thirty Foot Sand	2461	2484				
Slate	2484	2487				
Shells	2487	2489				
Slate	2489	2526				
Gordon Stray Sand	2526	2547				
Slate	2547	2555		2432		
Gordon Sand	2555	2573		2563		
Slate & Shells	2573	2442				
Sand	2442	2762	2762			
Slate & Shells	2762	2795 $\frac{1}{2}$				
Total Depth	2795 $\frac{1}{2}$ "					