



Southwest District, Doddridge County, W. Va.  
 By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va.  
 Abandoned under permit Dod-.....-A?  
 On 164 acres; Holbrook N/E 1-3-4.  
 Elevation, 940' V. A.  
 Surface owned by C. M. Barte, R. D. No. 1, Box 62, Oxford, W. Va., and  
 minerals by Icie Nutter, Guardian for Fred Andrews Nutter, Oxford, W. Va.  
 Drilling commenced July 19, 1917; completed Sept. 19, 1917.  
 10" casing, 158'; 8 $\frac{1}{4}$ ", 815'; 6 $\frac{5}{8}$ ", 1749'; all left in.  
 Anchor packer, 8 $\frac{1}{4}$  x 6 $\frac{5}{8}$ , set at 1647'.  
 Gas well. Abandonment reported to Dept. of Mines May 1, 1946. Stamped  
 May 4, 1949.  
 Record to RCT from Mrs. Griffith July 10, 1949. Old File No. 620.

	Top.	Bottom.
Red rock, soft	0	35
Lime, light, hard	35	55
Red rock, soft	55	100
Sand, light, hard	100	115
Slate, light, soft	115	130
Lime, light, hard	130	145
Red rock	145	270
Lime, white, hard	270	325
Red rock, soft	325	400
Lime, light, hard	400	540
Red rock, soft	540	655
Lime, light, hard	655	680
Slate, white, soft	680	718
Coal, black, soft	718	719
Lime, white, hard	719	734
Red rock, soft	734	800
Lime, white, hard	800	875
Slate, white, soft	875	920
Sand, white, hard	920	945
Red rock, soft	945	955
Lime, light, hard	955	1060
Sand, white, hard	1060	1108
Slate, white, soft	1108	1160
Sand, white, hard	1160	1200
Slate and shells, soft and hard	1200	1570
Lime, dark, hard	1570	1595
Slate and shells, soft, hard	1595	1656
Maxton Sand, white, hard (gas, 1676')	1656	1684
Lime, white, hard	1684	1705
Slate, dark, soft	1705	1715
Big Lime, white, hard	1715	1783
Big Injun Sand, white, hard (oil, 1797') (gas, 1801-1804')	1783	1835
Unrecorded	1835	1882
Total depth		1882
Hole filled to present depth		1822
Remarks: Hole filled from 1882 to 1832'. Wood plug and lead plug, 1832 to 1822'.		



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

620

WELL RECORD

Permit No. 740-A

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

Company Pittsburgh & West Va Gas Company.  
Address Clarksburg, West Va.  
Farm A. J. Nutter Acres 164  
Location (waters) Holbrook N/E. 1-3-4  
Well No. 4586 Eley 940' VA  
District Southwest County Doddridge  
The surface of tract is owned in fee by C. M. Barton  
R.D.#1, Box 62 Address Oxford, West Va.  
Mineral rights are owned by Iris Nutter-Guar. for  
Fred Andrews Nutter Address Oxford, West Va.  
Drilling commenced July 19, 1917  
Drilling completed September 19, 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			<b>Anchor</b>
10	<b>158'</b>	<b>158'</b>	Size of <b>8-1/4" X</b>
8 3/4	<b>815'</b>	<b>815'</b>	<b>8-5/8"</b>
6 3/4	<b>1749'</b>	<b>1749'</b>	Depth set <b>1647'</b>
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
Red Rock	Red	Soft	0	35			
Line	Light	Hard	35	55			
Red Rock	Red	Soft	55	100			
Sand	Light	Hard	100	115			
Slate	"	Soft	115	130			
Line	"	Hard	130	145			
Red Rock			145	270			
Line	White	Hard	270	325			
Red Rock	Red	Soft	325	400			
Line	Light	Hard	400	540			
Red Rock	Red	Soft	540	655			
Line	Light	Hard	655	680			
Slate	White	Soft	680	718			
Coal	Black	Soft	718	719			
Line	White	Hard	719	734			
Red Rock	Red	Soft	734	800			
Line	White	Hard	800	875			
Slate	"	Soft	875	920			
Sand	"	Hard	920	945			
Red Rock	Red	Soft	945	955			
Line	Light	Hard	955	1060			
Sand	White	"	1060	1108			
Slate	"	Soft	1108	1160			
Sand	"	Hard	1160	1200			
Slate&Shells		Soft&Hard	1200	1570			
Line	Dark	Hard	1570	1595			
Slate&Shells	Soft	Hard	1595	1656			
Mass Sand	White	Hard	1656	1684			
Line	"	"	1684	1705	Gas	1676'	
Slate	Dark	Soft	1705	1715			
Big Line	White	Hard	1715	1783			
Big Inj	"	"	1783	1835	Oil	1797'	
Un-recorded			1835	1882	Gas	1801-1804'	
Total depth.....			1882				

Remarks:  
Hole filled from 1882 to 1832'  
Wood plug and Lead plug 1832 - 1822'  
Present Depth..... 1822'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date **May 1st, 1946**, 19

**PITTSBURGH & WEST VA GAS COMPANY.**

APPROVED

Owner

By *W. H. M. [Signature]*  
(Title)

FORM 638-14283

COMPANY

Record of Well No. 4586 Located on A. J. Mutter Farm June 5 1917  
Southwest District Doddridge County West Va State  
 Division D District No. 14 Drilled under well Order 933  
 Rig built by John Craig Began June 25 1917 Completed June 27 1917  
 Well drilled by M. M. Paruhart Began July 19 1917 Completed Sept 19 1917  
 Depth of Well 1882 feet Size of Hole 6 5/8 Producing Gas  
 Present depth 1822 Elev: 940

CASED WITH				REMARKS
AMOUNT	SIZE	KIND	Cost	
				<u>Lease expires April 19-1922</u>
<u>138'</u>	<u>10</u>	<u>158</u>	<u>9</u>	
<u>815'</u>	<u>8 1/4</u>	<u>815</u>	<u>41</u>	
<u>1749'</u>	<u>6 5/8</u>	<u>1749</u>	<u>87</u>	<u>5-60 82 ft. of Quaker</u> <u>2-8 1/4 x 6 5/8 Quaker x 6 5/8 Pipe</u> <u>1749</u> <u>82</u> <u>1749</u>

COAL VEINS 1/4" Coal 718  
719

FORMATIONS						
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)	
<u>Masson sand</u>			<u>1656</u>	<u>1684</u>	<u>Gas 1676</u>	
<u>Big Spring</u>			<u>1684</u>	<u>1783</u>		<u>12 1/2" W 2"</u>
<u>Big Spring</u>			<u>1783</u>	<u>1835</u>	<u>Oil below 1797. Gas 1801-1805</u>	<u>24 1/2" W 2"</u>
						<u>Water 1839 - 1/2" O. Lnd</u>
						<u>Hole filled from 1882 ft. to 1832 ft. Set 6 5/8 M. G. - had Plug at 1832 to 1822 Present depth 1822</u>



**FORMATIONS**

FORM 1-0-33-2170

Well # 4586 A. J. Nutter

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Clay		35				
Red Rock	35	53				
Light Red Rock	53	270				
Loam	270	325				
Red Rock	325	400				
Loam	400	540				
Red Rock	540	653				
Loam	653	680				
Slate	680	718				
Coal	718	719				
Loam	719	734				
Red Rock	734	800				
Loam	800	875				
Slate	875	920				
Sand	920	945				
Red Rock	945	955				
Loam	955	1060				
Sand	1060	1108				
Slate	1108	1160				
Sand	1160	1200				
Slate & Shells	1200	1370				
Loam	1370	1575				
Slate	1575	1656		1676		
Sand	1656	1684				
Loam	1684	1705				
Slate	1705	1715				
Loam	1715	1783				
Sand	1783	1839		1801-1804		
Slate & Shells	1839	1882				
Total depth		1882				