

Company PITTSBURGH & W.VA. GAS CO.
 Address CLARKSBURG, W.VA.
 Farm W. B. MAXWELL
 Tract Acres 1891 3/4 Lease No. 17513
 Well - Farm No. ONE Serial No. 4738
 Elevation Spirit Level 1121 V.A.
 Quadrangle HOLBROOK NE 41
 County DODDRIDGE District SOUTHWEST
 Engineer James H. [unclear]
 Engineer's Registration No. 1084
 File No. V 85 P 11 Draw No. [unclear]
 Date SEPT. 7, 1948 Scale 1" = 2000'

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

WELL LOCATION MAP
 FILE NO. DUD-704-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 original location of well on original tracing.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

617

WELL RECORD

Permit No. 704-A

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

Company Pittsburgh & West Va. Gas Company.
Address Clarksburg, West Va.,
Farm W. B. Maxwell Acres 1891
Location (waters) Holbrook N/E. 4-1
Well No. 4738 Elev. 1121' VA
District Southwest County Doddridge

The surface of tract is owned in fee by Wm. B. Maxwell, Jr.
Address Clarksburg, W. Va.

Mineral rights are owned by Wm. B. Maxwell, Jr. Atty-in-Fact. Hrs. W.B. Maxwell
Address Clarksburg, W. Va.

Drilling commenced November 5, 1919
Drilling completed December 4, 1919

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

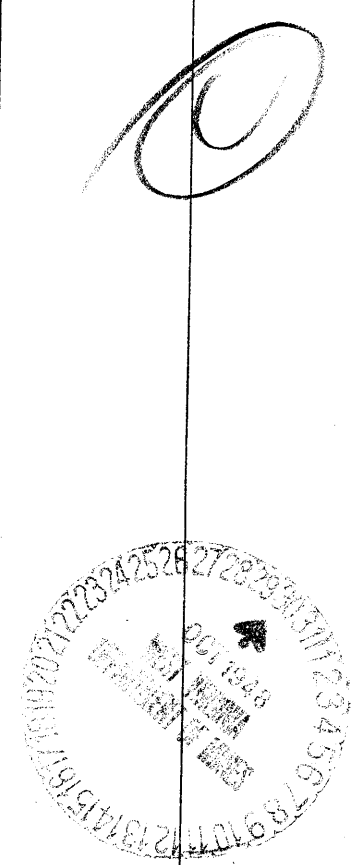
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	199'	199'	Size of
8 1/4	983'	983'	
6 5/8	1862'	1862'	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
Clay	Yellow	Soft	0	15			
Slate	White	"	15	65			
Red Rock	Red	"	65	125			
Lime	White	Hard	125	145			
Red Rock	Red	Soft	145	170			
Slate	Dark	"	170	220			
Lime	White	Hard	220	280			
Red Rock	Red	Soft	280	320			
Lime	White	Hard	320	345			
Sand	"	"	345	365			
Slate	"	Soft	365	455			
Lime	"	Hard	455	535			
Slate Red Rock	Dark	Soft	535	575			
Slate	White	"	575	755			
Lime	"	Hard	755	785			
Red Rock	Red	Soft	785	805			
Lime	White	Hard	805	865			
Slate	"	Soft	865	890			
Red Rock	Red	"	890	910			
Slate	White	"	910	960			
Slate	Black	"	960	983			
Sand	White	Open	983	1000			
Slate	Dark	Soft	1000	1200			
Gas Sand	White	Hard	1200	1235			
Slate	"	Soft	1235	1315			
1st. Salt Sand	"	Hard	1315	1345			
Slate	Dark	Soft	1345	1520			
Sand	White	Hard	1520	1545			
Slate&Shells	Dark	Soft&Hard	1545	1590			
Sand	White	Hard	1590	1620			
Slate	Dark	Soft	1620	1635			
Sand	White	Hard	1635	1650			
Slate-Shells	Dark	Hard&Soft	1650	1695			
Maxon Sand	White	Hard	1695	1720			
Slate	Black	Soft	1720	1810			
Lime&Slate	Hard	"	1810	1830			
Pencil Cave	"	"	1830	1837			
Big Lime	Dark	Hard	1837	1895			



Gas 1700-1705'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Injun Slate	White Dark	Hard Soft	1895 1973	1973 1998	Gas	1918'	
Total Depth				1998			

Date March 9, 1945, 194

APPROVED PITTSBURGH & WEST VA GAS COMPANY. Owner

By *W. J. Masten*
(Title)

Southwest District, Doddridge County, W. Va.
 By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va.
 Abandoned under permit No.-A1
 On 1891 acres; Halfbrook N/E 4-1.
 Elevation, 1121' V. A.

Sur now owned by Wm. B. Maxwell, Jr., Clarksburg, W. Va., and minerals by
 Wm. B. Maxwell, Jr., Atty.-in-fact, W. B. Maxwell Heirs, Clarksburg, W. Va.
 Drilling commenced Nov. 5, 1919; completed Dec. 4, 1919.
 10" casing, 199'; 8 1/2", 983'; 6 3/4", 1862'; all left in.
 Abandonment reported to Dept. of Mines March 9, 1945. Stamped Oct. 30, 1948.
 Record to HGT from Mrs. Griffith July 10, 1949. Old File No. 617.

	Top.	Bottom.
Clay, yellow, soft	0	15
Slate, white, soft	15	65
Red rock, soft	65	125
Lime, white, hard	125	145
Red rock, soft	145	170
Slate, dark, soft	170	220
Lime, white, hard	220	280
Red rock, soft	280	320
Lime, white, hard	320	345
Sand, white, hard	345	365
Slate, white, soft	365	455
Lime, white, hard	455	535
Red rock, dark, soft	535	575
Slate, white, soft	575	735
Lime, white, hard	735	785
Red rock, soft	785	805
Lime, white, hard	805	865
Slate, white, soft	865	890
Red rock, soft	890	910
Slate, white, soft	910	960
Slate, black, soft	960	983
Sand, white, open	983	1000
Slate, dark, soft	1000	1200
Gas Sand, white, hard	1200	1235
Slate, white, soft	1235	1315
1st Salt Sand, white, hard	1315	1345
Slate, dark, soft	1345	1520
Sand, white, hard	1520	1545
Slate and shells, dark, soft and hard	1545	1590
Sand, white, hard	1590	1620
Slate, dark, soft	1620	1635
Sand, white, hard	1635	1650
Slate-Shells, dark, hard and soft	1650	1695
Horton Sand, white, hard (gas, 1700-1705')		
Slate, black, soft	1695	1720
Lime and slate, hard, soft	1720	1810
Fossil Cove, soft	1810	1830
Big Lime, dark, hard	1830	1837
Big Injan Sand, white, hard (gas, 1918')	1837	1895
Slate, dark, soft	1895	1973
Total depth	1973	1998
		1998

FORM 650-14225

COMPANY

Record of Well No. 4734 Located on W. Brent Maxwell Farm Oct 6 1919
Southwest District Ordnance County West Va State
 Division A District No. Drilled under well Order 4499
 Rig built by John Craig Began Oct 20 1919 Completed Oct 23 1919
 Well drilled by W. M. Coulart Began Nov 5 1919 Completed Dec 4 1919
 Depth of Well 1998 feet Size of Hole 6 5/8 Producing Oil
 Elev. 1121

CASED WITH			REMARKS
Amount	Size	Kind	
<u>199'</u>	<u>10</u>	<u>10</u>	<u>Loss of pipes Sept 24-1920</u>
<u>982'</u>	<u>8 1/4</u>	<u>50</u>	
<u>1862'</u>	<u>6 5/8</u>	<u>90</u>	<u>B. H. Cacher</u>

COAL VEINS

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (Thickness of part)
<u>Little Dipper</u>			<u>913</u>	<u>1000</u>	
<u>Hessford</u>			<u>1200</u>	<u>1235</u>	
<u>W. Hillford</u>			<u>1315</u>	<u>1345</u>	
<u>Land</u>			<u>1420</u>	<u>1525</u>	
"			<u>1540</u>	<u>1620</u>	
"			<u>1635</u>	<u>1652</u>	
<u>Marionford</u>			<u>1655</u>	<u>1700</u>	<u>Class 1700-05 - 7/10/19</u>
<u>Prattville</u>			<u>1837</u>	<u>1895</u>	
<u>Regisville</u>			<u>1875</u>	<u>1979</u>	<u>Class 1918-1937 - 6/10/19</u>

FORMATIONS

FORM: 032-5170

Well 4728 W. B. Maxwell

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
<i>Clay</i>		<i>145</i>				
<i>Slate & Red Prob</i>	<i>145</i>	<i>965</i>				
	<i>965</i>	<i>965</i>				
<i>Slates Fine</i>	<i>965</i>	<i>983</i>				
<i>Sand</i>	<i>983</i>	<i>1000</i>				
<i>Slate</i>	<i>1000</i>	<i>1200</i>				
<i>Upstand</i>	<i>1200</i>	<i>1235</i>				
<i>Slate</i>	<i>1235</i>	<i>1320</i>				
<i>Sand</i>	<i>1320</i>	<i>1370</i>				
<i>Slates & Shells</i>	<i>1370</i>	<i>1650</i>				
<i>Sand</i>	<i>1650</i>	<i>1695</i>				
<i>Slate</i>	<i>1695</i>	<i>1720</i>				
<i>Slates</i>	<i>1720</i>	<i>1810</i>				
<i>Slates & Slate</i>	<i>1810</i>	<i>1830</i>				
<i>Crucial Core</i>	<i>1830</i>	<i>1897</i>				
<i>Big Sand</i>	<i>1897</i>	<i>1895</i>				
<i>Sand</i>	<i>1895</i>	<i>1973</i>				
<i>Slate</i>	<i>1973</i>	<i>1998</i>				

