

Company PITTSBURGH & W.VA. GAS CO.

Address CLARKSBURG, W.VA.

Farm CHARLES HORNER

Tract _____ Acres 186 Lease No. 3500

Well (Farm) No. ONE Serial No. 5036

Elevation (Spirit Level) 1393' V.A.

Quadrangle MANNINGTON N.W. 34

County WETZEL District CHURCH

Engineer Kenneth B. Moore

Approved By H. B. [Signature]

Engineer's Registration No. 764

File No. V.160 P.105 Drawing No. _____

Date NOV. 9, 1948 Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. Wet-754-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.

"IMPERIAL" TRACING CLOTH
K & E CO., N. Y.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1234

WELL RECORD

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

Permit No. Ab 704-A

Company Pittsburgh & West Va Gas Company.
Address Clarksburg, West Va.
Farm Charles Horner Acres 186
Location (waters) Mann. N/W. 3-4
Well No. 5036 Elev. 1393' VA
District Church County Wetzel
The surface of tract is owned in fee by George Six
Burton, West Va. Address
Mineral rights are owned by C. Russell Youst et al.
Burton, W. Va. Address
Drilling commenced September 23, 1912
Drilling completed November 28, 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

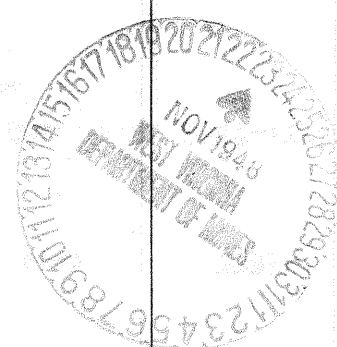
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	301'	301'	Size of
8 1/4	1664'	1664'	
6 3/4	2393'	2393'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

Coal	745-751' - 72"	364	36
690	60	1073	36
1136	60	1163	96

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	Yellow	Soft	0	7			
Slate&Shells	Light	Soft&Hard	7	100			
Line	"	Hard	100	135	Water	110'	
Slate&Shells	"	Hard&Soft	135	364			
Coal			364	367			
Slate&Shells	Light	Hard&Soft	367	420			
Line	"	Hard	420	470			
Slate&Shells	"	Soft&Hard	470	590			
Slate	Pink	Soft	590	670			
Line	Light	Hard	670	690			
Fairview Coal	Black	Soft	690	695			
Line	Light	Hard	695	720			
Slate	"	Soft	720	745			
Coal	Black	"	745	751			
Slate&Shells	Light	Hard&Soft	751	785			
Sand	"	Hard	785	820			
Slate	Dark	Soft	820	830			
Line	Light	Hard	830	855			
Slate&Shell	"	Soft&Hard	855	882			
Sand	White	Hard	882	912			
Slate&Shell	Pink	Soft&Hard	912	930			
Line	Light	Hard	930	1073			
M.T. Coal	Black	Soft	1073	1076			
Line	Light	Hard	1076	1136			
Coal	Black	Soft	1136	1141			
Line	Light	Hard	1141	1163			
Pgh. Coal	Black	Soft	1163	1171			
Slate	Dark	"	1171	1191			
Line	Light	Hard	1191	1201			
Slate&Shell	"	Soft&Hard	1201	1275			
Murphy Sand	Dark	Hard	1275	1315			
Slate&Shell	Light	Soft&Hard	1315	1335			
Slate	Red	Soft	1335	1400			
Slate&Shell	Light	Soft&Hard	1400	1420			
"	"	"	1420	1480			
Pgh. Sand	White	Hard	1480	1540	Gas	1512'	
Slate&Shells	"	Soft&Hard	1540	1575			
L. Dunkard	"	Hard	1575	1606			
Slate	Dark	Soft	1606	1620			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime	Dark	Hard	1620	1638			
Slate	Gray	"	1638	1687			
Slate&Shells	Light	Soft&Hard	1687	1813			
Gas Sand	"	Hard	1813	1860			
Slate	Dark	Soft	1860	1909			
1st.Salt Sand	Light	Hard	1909	2039	Water	1935'	
Slate	"	Soft	2039	2083			
2nd.Salt Sand	"	Hard	2083	2112			
Slate&Shell	Dark	Soft&Hard	2112	2272			
Maxon Sand	Light	Hard	2272	2315	Gas	2327-2339'	
Slate	Dark	Soft	2315	2353			
Little Lime	Light	Hard	2353	2363			
Slate	Dark	Soft	2363	2369			
Big Lime	Light	Hard	2369	2436			
Big Injun	"	"	2436	2633	Gas	2460-2465'	
Slate&Shells	Dark	Hard&Soft	2633	3111			
50 Ft.Sand	"	Hard	3111	3140			
Slate&Shells	"	Hard&Soft	3140	3151			
30 Ft.Sand	"	Hard	3151	3176			
Slate	Light	Soft	3176	3182			
30 Ft.Sand	Dark	Hard	3182	3216	Gas	3198-3203'	
Slate	Pink	Soft	3216	3223			
Gordon Stray	Light	Hard	3223	3247			
Slate	"	Soft	3247	3257			
Slate&Shells	"	Hard&Soft	3257	3277			
Gordon Sand	Dark	Hard	3277	3332			
Slate	"	Soft	3332	3355			
4th.Sand	"	Hard	3355	3390			
Slate	"	Soft	3390	3414			
5th.Sand	"	"	3414	3440			
Slate	Light	"	3440	3470			
Slate&Shells	"	Hard&Soft	3470	3500			
Slate	"	Soft	3500	3518			
Total Depth.....				3518			

October 4, 1944

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

APPROVED _____, Owner

By W. G. [Signature]
(Title)



Record of Well No. 5036 Located on Chas. Horner Farm Aug 17 1912
Church District Wetzel County W. Va. State _____
 Division N. District No. 11 Drilled under well Order 514
 Rig built by John Craig Began Sept 4 1912 Completed Sept. 9 1912
 Well drilled by A.C. Wilson & Co. Began Sept. 23 1912 Completed Nov. 28 1912
 Depth of Well 3518 feet Size of Hole 6 5/8 Producing Gas
 Elev. 13930 8/6/1935, 2509 feet. Lhd. P.L.O. at 2509'

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
16'	13"	Wood	
307	10"	New-	
1664	8 1/4"	"	
2393	6 5/8"	"	1-6 5/8 X 8 1/4 Anchor Packers 89 ft of anchor 6 5/8
3521	2"	"	Reclaimed
3521	2"	Old	Sept 30, 1913 Bored 8/5/35 3330 ft 2" pipe good 183 ft 2" " Junk.
2524	3"	new	69 ft 1532 ft on top 8/9/35

COAL VEINS Mapletown 1073-1076 Rgn. 1163-1171

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF FEET)
Munshy sand			1275	1315	Basal 1512
Stray "			1480	1540	" " 2327
Little Lumber			1575	1606	" " 2339 about 10"
Big "			1638	1687	" " 2460
Gas sand			1813	1860	" " 2465
1st salt "			1909	2039	" " 3192
2nd salt "			2083	2142	" " 3203
Marion "			2272	2345	Water at 1935
Big lime			2369	2436	" " 2525
Big lime			2436	2633	Pilot 2525
50 foot sand			3111	3140	
1st 30 foot sand			3151	3176	
2nd 30 foot sand			3182	3216	June 10, 1935 240.27 ft
Goodwin			3223	3247	Pulling tub cleaning out and side.
Goodwin			3277	3332	
Fourth "			3355	3390	Began rigging up July 15
Fifth "			3414	3440	Comp. cleaning out Aug 2
Total Depth			3518		
			Hole finished 2620		Total Labor \$ 1142.00
			to 2509 ft		Total Working \$ 336.00
			Aug 6, 1935		\$ 1478.00

FIRST PRESSURE TEST IN <u>6 5/8</u> CASING		REMARKS
30 Sec.	<u>5</u> lbs.	
1 Min.	<u>10</u> "	535-48 hrs
2 "	<u>15</u> "	June 1917 1.4 W.2" 184,320
5 "	<u>50</u> "	June 1918 1.5 W.2" 184,320
10 "	<u>95</u> "	158 Mcf
15 "	"	
30 "	<u>250</u> "	
Rock Pressure	" in	
Taken <u>Nov 29</u> 1912		
By <u>H.L. Dent</u>		

WELL TUBED AND PACKED Nov 30 1912

VIZ:- 16396.3521 ft. 2" tubg.
 No packer used, perforation put about 3240 ft.
 Retubed Sept. 30-13. 16396.3521 ft. 2" tubg. 1-6 5/8 X 3" Laskin anchor packer.
26 ft. 406 ft. below perforation
all reclaimed. 49 ft. 824 ft. from perforation to packer.

FIRST PRESSURE TEST IN <u>6 5/8</u> TUBING		REMARKS
30 Sec.	<u>5</u> lbs. <u>25</u> <u>Sept 8/9/35- 3" Tubg.</u>	Well retubed Aug. 9, 1935.
1 Min.	<u>10</u> " <u>30</u> <u>4</u> <u>100%</u>	11796.2509 ft. 3" Tubing.
2 "	<u>15</u> " <u>38</u> <u>5</u>	1-6 5/8 X 3" Anchor Packer 11 1/2" dia
5 "	<u>55</u> " <u>60</u> <u>10</u>	1296.222 ft. 3" Anchor.
10 "	<u>105</u> " <u>190</u> <u>18</u>	Packer set at 2289 ft.
15 "	<u>150</u> " <u>115</u> <u>20-M35</u>	4896.592 ft. 3" tubg. old on bottom
30 "	<u>265</u> " <u>195</u> <u>R.R. 435-65 hrs.</u>	6996.1532 ft. 3" tubg. new on top.
Rock Pressure	<u>650</u> " in <u>48 hrs. 200" - 37 min.</u>	3-3 X 8" nipple sub. 11 1/2" thread
Taken <u>Nov 30</u> 1912 <u>Sept. 30-13</u>		
By <u>H.L. Dent</u> <u>S.R. Evans.</u>		

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

11969 ft. Lumber @ \$23.00 per cu. yd. \$ 275.22 S.S. Kizer.
1 set timbers in woods. # 85.00 Catherine Devan.
Reg. Tools, wood work complete. Stock Littleton.