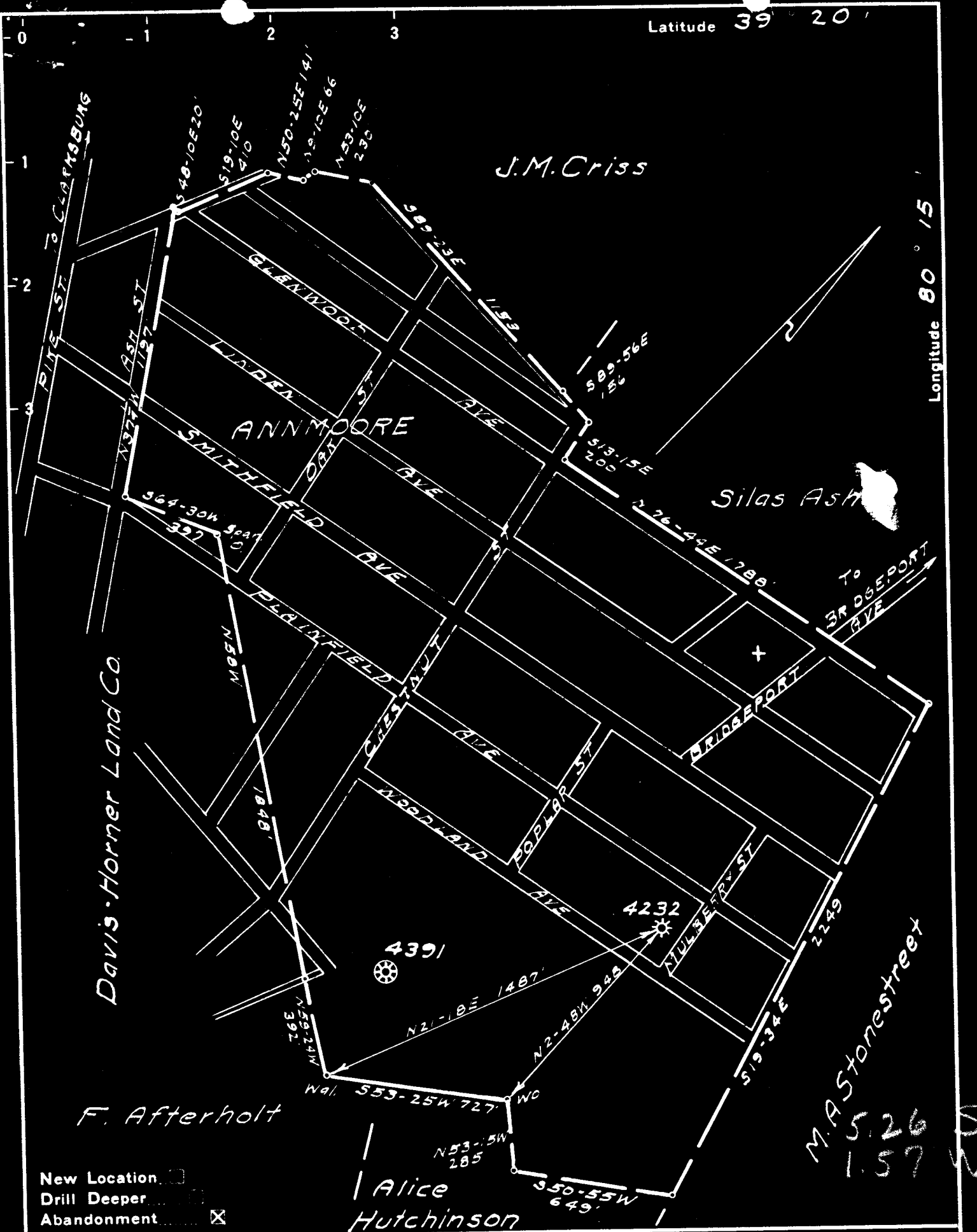


Latitude 39° 20'

Longitude 80° 15'



New Location   
 Drill Deeper   
 Abandonment

Company Pittsburgh & W.Va Gas Co  
 Address Clarksburg W.Va.  
 Farm Davis-Horner Land Co.  
 Tract \_\_\_\_\_ Acres 177 Lease No. 13722  
 Well (Farm) No. One Serial No. 4232  
 Elevation (Spirit Level) 1110 VR  
 Quadrangle Clarksburg SE 43-4  
 County Harrison District Simpson  
 Engineer Jamies Jaffin  
 Engineer's Registration No. 1084  
 File No. 76/72 Drawing No. \_\_\_\_\_  
 Date 12-2-40 Scale 1"=500'

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

**WELL LOCATION MAP**  
 FILE NO. HAR-1319-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.

WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

1129

WELL RECORD

AB 1319 A  
Permit No. \_\_\_\_\_

Oil or Gas Well \_\_\_\_\_  
(Kind) Gas

Company **Pittsburgh & West Va Gas Company.**  
 Address **Clarksburg, West Va.**  
 Farm **Davis-Horner Company.** Acres **177**  
 Location (waters) **Clarksburg S.E. 4-3-4**  
 Well No. **4222** Elev. **1010' VA**  
 District **Simpson** County **Harrison**  
 The surface of tract is owned in fee by **Benney Swartz**  
 Address **Annmore, W.Va.**  
 Mineral rights are owned by **Davis-Horner Co.**  
 Address **Clarksburg, W.Va.**  
 Drilling commenced **September 15th, 1913**  
 Drilling completed **November 15th, 1913**  
 Date shot **11-15-1913** Depth of shot **5th. Sand.**  
 Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume **530,500** Cu. Ft.  
 Rock Pressure **625** lbs. **80** hrs.  
 Oil **530** bbls., 1st 24 hrs.  
 Fresh water **715** feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16.			Kind of Packer
13. <b>wood</b>	<b>14'</b>		<b>Hook Wall</b>
10.	<b>312'</b>	<b>None.</b>	Size of <b>6-5/8" X</b>
8 1/4	<b>961'</b>	<b>None.</b>	<b>8"</b>
6 5/8	<b>1275'</b>	<b>1275'</b>	Depth set <b>1832'</b>
5 3/16	<b>2311'</b>	<b>2311'</b>	
3.			Perf. top _____
2.			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT **455** FEET **84** INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Sand	White	Hard	0	60			
Slate	Dark	Soft	60	100			
Sand	White	Hard	100	240			
Slate Shells	Dark	Soft	240	300			
L. Dunkard	White	Hard	300	415			
Slate Shells	Dark	"	415	485			
Coal	Black	Soft	485	492			
Slate	Dark	"	492	514			
Big Dunkard	"	Hard	514	575	Water	530'	3 Bails.
Slate	"	Soft	575	640			
1st. Salt	Light	Hard	640	775	Water	715'	10 Bails.
Slate	Dark	Soft	775	800			
Line	"	Hard	800	825			
2nd. Salt	"	"	825	850			
Slate	"	Soft	850	910			
Line	White	Hard	910	935			
Sand	Dark	"	935	955			
Red Rock	Red	Soft	955	965			
Slate	Light	"	965	1000			
Red Rock	"	"	1000	1090			
Line	Light	Hard	1090	1120			
Marion Sand	"	"	1120	1142			
Red Rock	Red	Soft	1142	1200			
Little Line	Dark	Hard	1200	1232			
P. Cave			1232	1244			
Big Line	Light	Hard	1244	1306			
Big Injun	White	Hard	1306	1414			
Red Rock	Red	Soft	1414	1450			
Slate	Dark	Hard	1450	1510			
Sand	"	"	1510	1535			
Sl Shells	"	"	1535	1760			
50 Ft. Sand	Light	"	1760	1800			
Slate	"	Soft	1800	1807			
50 Ft. Sand	"	Hard	1807	1900			
Slate	Dark	Soft	1900	1910			
Sand	Light	Hard	1910	1920			
Slate	Dark	Soft	1920	1950			
Sand	Light	Hard	1950	1965			
Red Rock	Red	"	1965	2130			
Gordon Stray	Light	"	2130	2160			
Red Rock	Red	"	2160	2172			
Gordon Sand	Light	"	2172	2205			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
2150	Dark	Soft	2275	2275			
Fifth Sand	"	Hard	2275	2285	Gas	2287-2290'	
Un-recorded			2295	2305			
Bayard Sand	Light	Hard	2305	2325			
Slab	Dark	Soft	2325	2430			
Total Depth				2430'			

July 12th, 1938

Date....., 19.....

PITTSBURGH & WEST VA GAS CO.

APPROVED

Owner

By

*W. M. Masten*

(Title)

1319A

Simpson District, Harrison County, W. Va.  
 By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va.  
 Abandoned under permit Har-.....-A?  
 On 177 acres; Clarksburg N/E 4-3-4.  
 Elevation, 1010' V. A.  
 Surface owned by Benney Swarez, Annsmore, W. Va., and minerals by Davis-Horner Co., Clarksburg, W. Va.  
 Drilling commenced Sept. 19, 1913; completed Nov. 15, 1913.  
 Shot Nov. 18, 1913, in 5th Sand.  
 Volume, 530,200 cu. ft.  
 Rock pressure, 625 lbs. in 60 hrs.  
 Fresh water at 530'.  
 Salt water at 715'.  
 13" wood conductor, 14'; 10" casing, 312' (pulled); 8 $\frac{1}{4}$ " 961' (pulled); 6 $\frac{5}{8}$ " 1275'; 3" tubing, 2311'.  
 Hook wall packer, 6 $\frac{5}{8}$  x 3, set at 1852'.  
 Coal was encountered at 485-~~488~~492'.  
 Gas well. Abandonment reported to Dept. of Mines July 12, 1948.  
 Stamped March 24, 1949.  
 Record to RCT from Mrs. Griffith July 10, 1949. Old File No. 1129.

	Top.	Bottom.
Sand, white, hard	0	60
Slate, dark, soft	60	180
Sand, white, hard	180	240
Slate and shells, dark, soft	240	390
Little Dunkard Sand, white, hard	390	415
Slate shells, dark, hard	415	485
Coal, black, soft	485	492
Slate, dark, soft	492	514
Big Dunkard Sand, dark, hard (water, 530', 3 bailers)	514	575
Slate, dark, soft	575	640
1st Salt Sand, light, hard (water, 715', 10 bailers)	640	775
Slate, dark, soft	775	800
Lime, dark, hard	800	825
2nd Salt Sand, dark, hard	825	850
Slate, dark, soft	850	910
Lime, white, hard	910	935
Sand, dark, hard	935	955
Red rock, soft	955	965
Slate, light, soft	965	1000
Red rock, soft	1000	1090
Lime, light, hard	1090	1120
Maxton Sand, light, hard	1120	1142
Red rock, soft	1142	1200
Little Lime, dark, hard	1200	1232
Pencil Cave	1232	1244
Big Lime, light, hard	1244	1306
Big Injun Sand, white, hard	1306	1414
Red rock, soft	1414	1450
Slate, dark, hard	1450	1510
Sand, dark, hard	1510	1535
Slate and shells, dark, hard	1535	1760
50-Ft. Sand, light, hard	1760	1800
Slate, light, soft	1800	1807

(OVER)

DAVIS-HORNER CO. NO. 4232 WELL (Continued).

	Top.	Bottom.
30-Ft. Sand, light, hard	1807	- 1900
Slate, dark, soft	1900	- 1910
Sand, light, hard	1910	- 1920
Slate, dark, soft	1920	- 1950
Sand, light, hard	1950	- 1965
Red rock, hard	1965	- 2130
Gordon Stray Sand, light, hard	2130	- 2160
Red rock, hard	2160	- 2172
Gordon Sand, light, hard	2172	- 2205
Slate, dark, soft	2205	- 2278
Fifth Sand, dark, hard (gas, 2287- 2290')	2278	- 2295
Unrecorded	2295	- 2356
Bayard Sand, light, hard	2356	- 2362
Slate, dark, soft	2362	- 2430
Total depth		2430

Form 620-1928

Record of Well No. 4032 Located on David Arner's Co. Farm Aug 11 1912  
Simpson District Harvison County West Va State  
 Division A District No. 11 Drilled under well Order 715  
 Rig built by John Craig Began Sept 4 1913 Completed Sept 11 1913  
 Well drilled by Power Bros Began Sept 19 1913 Completed Nov 15 1913  
 Depth of Well 2410 feet Size of Hole 6 5/8 Producing Gas  
 Filled to 2339

CASED WITH Lease expires Dec 11-1917 REMARKS Elev. 1010 G.L.

AMOUNT	SIZE	KIND	REMARKS
<u>16'</u>	<u>13"</u>	<u>Wood</u>	
<u>312'</u>	<u>10"</u>	<u>New</u>	<u>Reclaimed 11-23-13</u>
<u>961'</u>	<u>8 1/4"</u>	<u>Old</u>	
<u>1250'</u>	<u>6 5/8"</u>	<u>New</u>	<u>1-8 1/2" x 6 5/8 B. A. Parker</u>

COAL VEINS

FORMATIONS

FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
<u>Maple</u>			<u>1130</u>	<u>1140</u>	<u>Clay (S-J-S) 2410</u>
<u>Big Linn</u>			<u>1244</u>	<u>1330</u>	<u>to 2339</u>
<u>Big Linn</u>			<u>1330</u>	<u>1414</u>	
<u>Northland</u>			<u>1760</u>	<u>1800</u>	
<u>Thick Root</u>			<u>1807</u>	<u>1900</u>	
<u>Coalbank</u>			<u>2100</u>	<u>2160</u>	
<u>Woodcock</u>			<u>2192</u>	<u>2205</u>	
<u>Northland</u>			<u>2276</u>	<u>2294</u>	<u>Spec 2287-90</u>
<u>Byard</u>			<u>2356</u>	<u>2362</u>	

FIRST PRESSURE TEST IN <u>6 5/8</u> CASING				REMARKS
30 Sec.	<u>8</u>	lbs.	<u>5</u>	<u>After shot Nov 18-1913</u>
1 Min.	<u>4</u>	"	<u>10</u>	<u>at 2299 Bottom</u>
2 "	<u>7</u>	"	<u>15</u>	<u>7 shot</u>
5 "	<u>15</u>	"	<u>30</u>	
10 "	<u>30</u>	"	<u>50</u>	
15 "	<u>40</u>	"	<u>70</u>	
30 "	<u>60</u>	"	<u>110</u>	
Rock Pressure		" in		
Taken	<u>Nov 15</u>		<u>1913</u>	
By				<u>Cap. 530 200 cu ft.</u>

**WELL TUBED AND PACKED** Nov 21 1913

VIZ:-- Used 112 joints of 3" Tubing  
1-6 5/8 x 3" H.W. Packer  
22 joints of 3" below Packer

Retubed August 4, 1938.

2339' of 3" Tubing (112 joints)  
1-6-5/8 x 3" H.W. Packer  
483' of 3" Tubing (23x joints) for anchor  
Perforations from 2281 to 2299'  
" " 2336 to 2339'  
1- 3" Collar  
1-3" Bull Plug

FIRST PRESSURE TEST IN <u>3"</u> TUBING				REMARKS
30 Sec.	<u>6</u>	lbs.	<u>1 1/2</u>	
1 Min.	<u>12</u>	"	<u>1</u>	
2 "	<u>20</u>	"	<u>1 1/2</u>	
5 "	<u>40</u>	"	<u>3</u>	
10 "	<u>65</u>	"		
15 "	<u>95</u>	"		
30 "	<u>165</u>	"		
Rock Pressure	<u>625</u>	" in	<u>60 lbs 110 + 8 lbs</u>	
Taken	<u>Nov 21</u>		<u>1913</u>	<u>8-10 1/2</u>
By				

**MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:**

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Sand		60				
Slate	60	180				
Sand	180	240				
Slate + Shells	240	390				
Little Dumbord	390	415				
Salt Sand	415	485				
Coal	485	492				
Slate	492	574			530	
Big Dumbord	574	590				
Slate	590	640			715	
W. Salt Sand	640	775				
Slate	775	800				
Time	800	825				
Ind. Salt Sand	825	807				
Slate	807	910				
Time	910	935				
Sand	935	925				
Red Rock	925	965				
Slaty	965	1000				
P.P. Time + Shells	1000	1090				
Time	1090	1120				
Masson Sand	1120	1142				
Red Rock	1142	1200				
Little Time	1200	1232				
Quail Cove	1232	1244				
Big Time	1244	1306				
Big Engin Sand	1306	1414				
Red Rock	1414	1420				
Slate	1420	1570				
Sand	1570	1535				
Slate + Shells	1535	1760				
Thirty Foot Sand	1760	1800				
Slate	1800	1807				
Thirty Foot Sand	1807	1900				
Slate	1900	1910				
Sand	1910	1920				
Slate	1920	1950				
Sand	1950	1965				
Red Rock	1965	2130				
Gordon Stray	2130	2160				
Red Rock	2160	2172				
Gordon Sand	2172	2205				
Slate	2205	2278				
10 ft Sand	2278	2295		2287-90		Steel line measurement
Coard	2295	2362				
Slate	2362	2430				
Total Depth	2430					Drilled Aug 11, 1919 to 21159