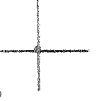


Latitude

Longitude

2.43s  
 .13w



Topo Location

7.5' Loc. \_\_\_\_\_ 15' Loc. \_\_\_\_\_  
 \_\_\_\_\_ (calc.) \_\_\_\_\_

Company \_\_\_\_\_

Farm \_\_\_\_\_

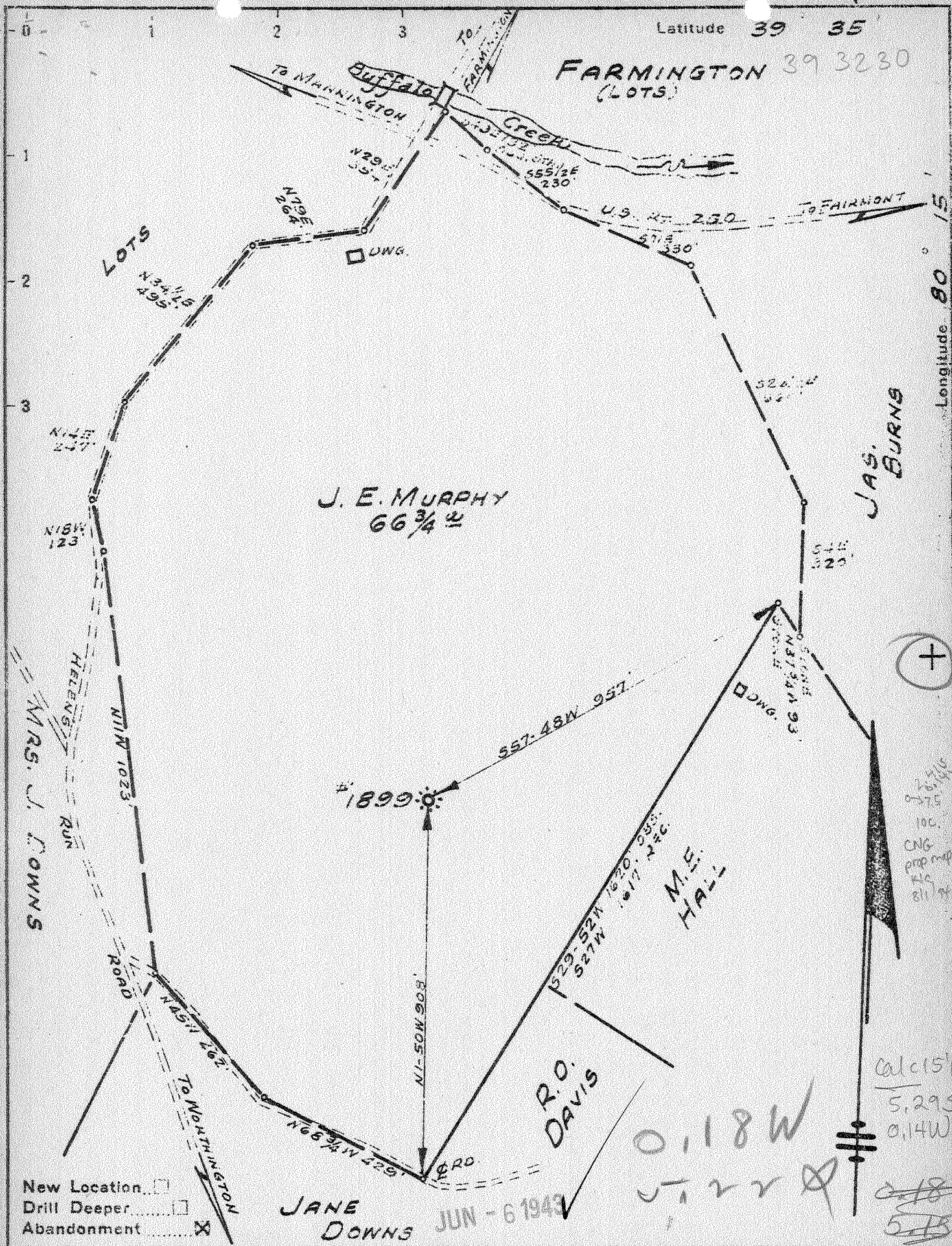
15' Quad \_\_\_\_\_  
(sec.)

7.5' Quad Mamoungton

District Lincoln

WELL LOCATION PLAT

County 049 Permit 30373



Company PITTSBURGH & W. VA. GAS CO.  
 Address CLARKSBURG, W. VA.  
 Farm J. E. MURPHY  
 Tract \_\_\_\_\_ Acres 66 Lease No. 8795  
 Well (Farm) No. ONE Serial No. 1899  
 Elevation (Spirit Level) 1199' V.A.  
 Quadrangle MANNINGTON S.E. 44  
 County MARION District LINCOLN  
 Engineer James D. Jeffries  
 Engineer's Registration No. 1024  
 File No. V-122-P-36 Drawing No. \_\_\_\_\_  
 Date MAY 26, 1943 Scale 1"=300'

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

WELL LOCATION MAP  
 FILE NO. MAR-373-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.

AL

J. E. MURPHY No. 1 (1899) - PGH. & W. VA. GAS CO. - MAR-373-A



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

455

WELL RECORD

Permit No. 773-A

Oil or Gas Well GAS  
(KIND)

Company Pittsburgh & West Va Gas Company.  
Address Clarksburg, West Va.,  
Farm J. E. Murphy Acres 66  
Location (waters) Mann. S/E. 4-4  
Well No. 1899 Elev. 1199' VA  
District Lincoln County Marion  
The surface of tract is owned in fee by Mary A. Murphy  
Address Farmington, W. Va.,  
Mineral rights are owned by Mary A. Murphy  
Address Farmington, W. Va.,  
Drilling commenced June 25, 1906  
Drilling completed August 4, 1906  
Date Shot 4-15-1916 From ? To 2925'  
With 20 Quarts - Nitro Glycerine.

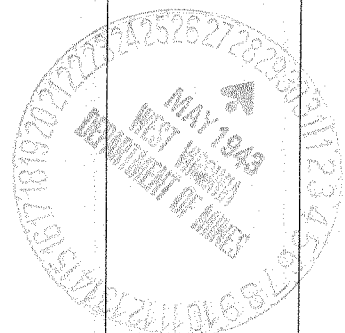
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	535'	Pulled.	Size of
8 1/4	1535'	Pulled.	
6 5/8	1887'	1887'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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 CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT 80 FEET 72 INCHES  
120 FEET 60 INCHES 405 FEET 72 INCHES  
520 FEET 84 INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	6			
Slate			6	25			
Sand		Hard	25	80			
Coal			80	81			
Slate			81	92			
Line		Hard	92	120			
Coal			120	125			
Bluff Sand		Hard	125	196			
Slate			196	263			
Line		Hard	263	342			
Slate			342	405			
N.T. Coal			405	411			
Slate			411	443			
Line		Hard	443	495			
Slate			495	520			
Fgh. Coal			520	527			
Slate			527	535			
Line			535	592			
Slate			592	637			
Sand			637	688			
Slate			688	724			
Red Rock			724	753			
Slate			753	811			
Red Rock			811	856			
Sand			856	879			
Slate			879	946			
Line			946	1020			
Big Dunkard			1020	1073			
Slate			1073	1121			
Sand			1121	1220			
Line			1220	1250			
Gas Sand			1250	1340	Gas & Water	1300'	
Slate			1340	1460			
Salt Sand		Hard	1460	1555	Water	1510'	
Slate			1555	1592			
Red Rock			1592	1612			
Line		Hard	1612	1651			
Red Rock			1651	1780			
Slate			1780	1802			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Little Lime		Hard	1802	1817			
Pencil Cave			1817	1840			
Big Lime		Hard	1840	1907			
Big Injun		Hard	1907	2017			
Slate&Shells			2017	2123			
Lime		Hard	2123	2172			
Slate			2172	2253			
Lime		Hard	2253	2304			
Slate&Shells			2304	2375			
Lime			2375	2389			
Gantz Sand		Hard	2389	2431			
Slate			2431	2446			
Fifty Foot Sand			2446	2522			
Red Rock			2522	2529			
Sand			2529	2596			
Slate&Shells			2596	2624			
Red Rock & Shells			2624	2663			
Slate&Shells			2663	2692			
Red Rock & Shells			2692	2736			
Gordon Stray		Hard	2736	2743			
Slate			2743	2760			
Gordon Sand		Hard	2760	2772			
Slate			2772	2795			
4th.Sand		Hard	2795	2809			
Slate			2809	2908			
Shells			2908	2910			
Slate			2910	2916			
5th.Sand			2916	2930	Gas	2922'	
Slate			2930	2996			
Total Depth				2996			

Date May 24, 1943.

PITTSBURGH & WEST VA GAS COMPANY.

APPROVED

Owner

By

(Title)



FORM: G38-14253

Record of Well No. 1899 Located on Mrs. J. E. Murphy Farm April 19 1906  
Lincoln District Marion County West Va State  
 Division N District No. 11 Drilled under well Order 639  
 Rig built by John Craig Began 19 Completed June 18 1906  
 Well drilled by J. A. Howells Co Began June 25 1906 Completed Aug 4 1906  
 Depth of Well 2996 feet Size of Hole 6 5/8 Producing Gas  
civ. 1199 g.l.

GASED WITH			REMARKS
AMOUNT	SIZE	KIND	
			Rig Reclaimed
16'	13 1/2"	wood	
520'	10"	haul	Reclaimed 520 ft. of 10" Aug 9-06
1535'	8 1/2"	"	" 1538" 8 1/4" " "
1871'	6 5/8"	"	
2439'	3"	ced	" Jan 5 - 2485 ft.
2929'	2"	"	
20'	3"	"	

COAL VEINS Maplewood <sup>400'</sup> <sup>520'</sup> 411 529

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF FAT)
<u>Big Dubard</u>			<u>1000</u>	<u>1078</u>	
<u>Big sand</u>			<u>1180</u>	<u>1360</u>	
<u>Big sand</u>			<u>1460</u>	<u>1610</u>	
<u>Big sand</u>			<u>1836</u>		
<u>Big sand</u>			<u>1907</u>	<u>2019</u>	
<u>Big Wood</u>			<u>2046</u>	<u>2022</u>	
<u>Thin Wood</u>			<u>2529</u>	<u>2576</u>	
<u>Wood/stray</u>			<u>2736</u>	<u>2743</u>	
<u>Wood/Carth</u>			<u>2760</u>	<u>2772</u>	
<u>Wood "</u>			<u>2795</u>	<u>2809</u>	
<u>Wood "</u>			<u>2916</u>	<u>2930</u>	<u>Close 2722'</u>

FIRST PRESSURE TEST IN 6 5/8 CASING

REMARKS

30 Sec.	<u>7</u>	lbs.	<u>1.6 W 1" Sping.</u>	April 15-1916. Well shot with 20 lbs in 15 ft sand. Bottom of well 2925 ft Before shot .3 W 2" 73 MCF After " .6 W 2" 103 MCF
1 Min.	<u>12</u>	"		
2 "	<u>16</u>	"		
5 "	<u>22</u>	"		
10 "	<u>28</u>	"		
15 "	<u>34</u>	"		
30 "		"		
Rock Pressure	<u>265</u>	"	in <u>14 hrs.</u>	
Taken	<u>Jan 16</u>		<u>1916</u>	<u>Jan 1918 - 15 W 2" - 55000</u> <u>162-4 hrs</u>
By	<u>Norris</u>			

WELL TUBED AND PACKED Aug 8 1916

VIZ: 2511 ft. of 3" Tubing (new) 2439 ft. of 3" Tubing  
1-6 5/8 x 4" Lead Cacker 1-6 1/2 x 4" Lead Cacker  
1-3 " G & L Ripper in Cacker

FIRST PRESSURE TEST IN 2 TUBING

REMARKS

30 Sec.	<u>9</u>	lbs.		Well Tubed April 24-1916. 147 lbs. 2929 ft. of 2" Tubing 1 ft. 20 ft. of 3" Tubing 1-6 5/8 x 3" L. Wood Ball Cacker 2 ft. 169 ft. of 2" and 1-3 x 2" P. Ripper Lead Cacker 1 ft. 20 ft. of 3" 1-3 x 2" P. Ripper 1-2" G & L P. + N. above Cacker
1 Min.	<u>14</u>	"		
2 "	<u>18</u>	"		
5 "	<u>29</u>	"		
10 "	<u>47</u>	"		
15 "	<u>58</u>	"		
30 "	<u>104</u>	"		
Rock Pressure	<u>214</u>	"	in <u>10 hrs.</u>	
Taken	<u>April 24</u>		<u>1916</u>	
By	<u>Norris</u>			

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES: