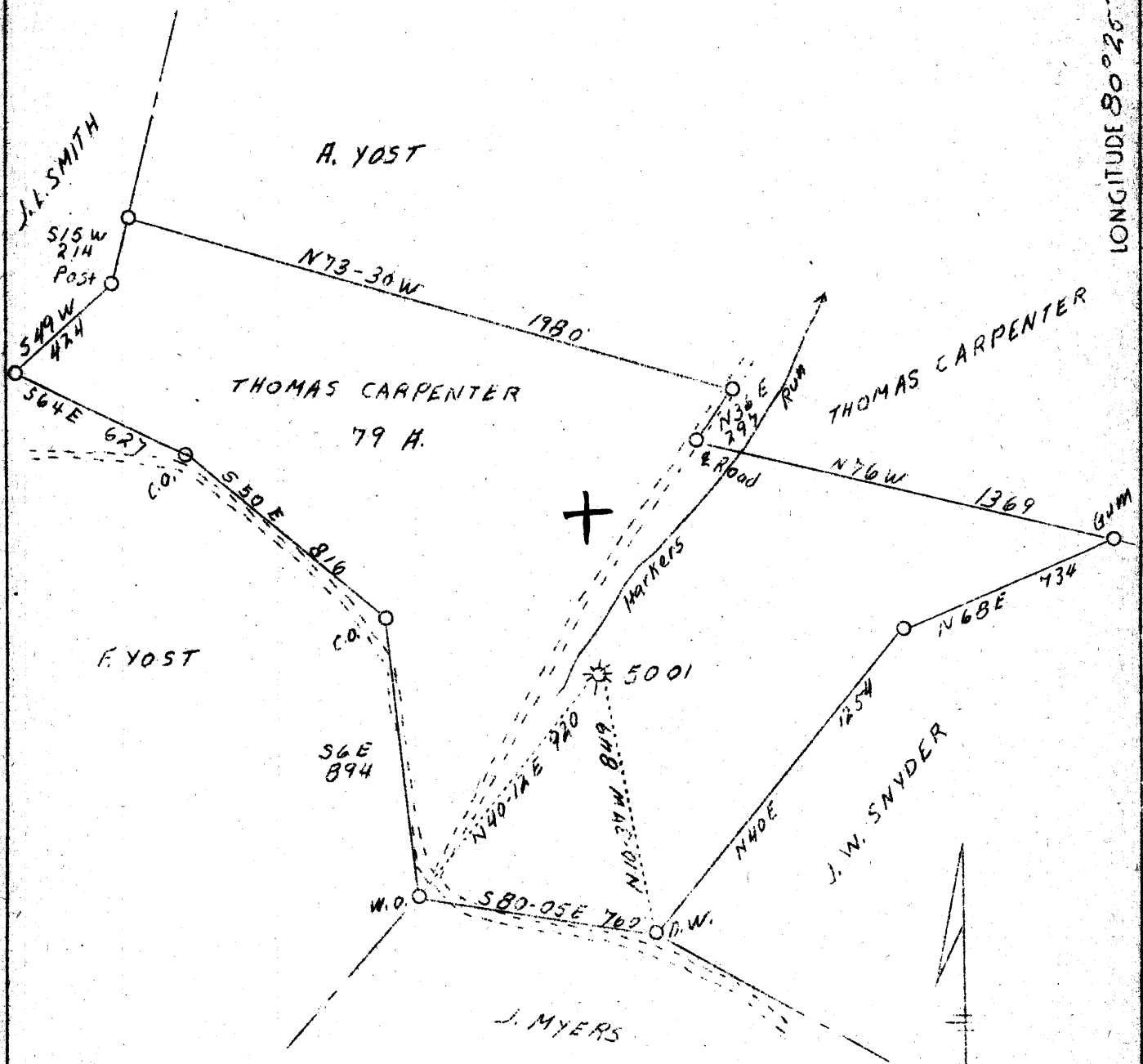


LATITUDE 39° 40'

LONGITUDE 80° 26'



✓ 3.48 ~~3.53~~ W  
 4.26 ~~4.31~~ Q  
 JAN 16 1939

ABD.

Company	Pittsburgh & W.Va. Gas Co.
Address	Union Hk. Bsd'g. Clarksburg
Acres	79
Lease No.	3469
Well (Farm) No.	1 <i>(Q. 15) Thomas Carpenter</i>
Seril No.	5001
El. (Spirit Level)	1288 W.A.
Quadrangle	Mannington S.W. 11/
County	Wetzel
District	Church
Eng.	James D. Jeffries
Date	1/5/39
Scale	1" - 500'

WU

STATE OF WEST VIRGINIA  
 Department of Mines  
 OIL AND GAS DIVISION  
 Charleston

WELL LOCATION MAP

File No. Net-286-A

x Denotes location of well on U.S. 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

WELL RECORD

754

MP-286-A  
Permit No. ....

Oil or Gas Well..... Gas  
(Kind)

Company **Pittsburgh & West Va Gas Co.,**  
Address **Clarksburg, West Va.**  
Farm **T.&S. Carpenter** Acres **80**  
Location (waters) **Mannington S/W 1-1**  
Well No. **5001** Elev. **1288**  
District **Church** County **Wetzel**  
The surface of tract is owned in fee by **John Glover**  
**R.F.D.#1.** Address **Glover Gap, W.Va.**  
Mineral rights are owned by **H. B. Carpenter et al**  
**R.F.D.#5** Address **Fairmont, W.Va.**  
Drilling commenced **June 3rd, 1912.**  
Drilling completed **Sept. 1st, 1912.**  
Date shot **9-6-1912** Depth of shot **50' Sand.**  
Open Flow /10ths Water in..... Inch  
/10ths Merc. in..... Inch  
Volume..... Cu. Ft.  
Rock Pressure..... lbs..... hrs.  
Oil..... bbls., 1st 24 hrs.  
Fresh water **80** feet..... feet  
Salt water **1780** feet..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16. <b>wood</b>	<b>16</b>		Kind of Packer.....
13.		<b>256'</b>	Size of.....
10.	<b>256'</b>	<b>1489'</b>	Depth set.....
8 3/4.	<b>1489'</b>	<b>2190'</b>	Perf. top.....
6 5/8.	<b>2190'</b>	<b>2227'</b>	Perf. bottom.....
5 3/16.	<b>2227'</b>		Perf. top.....
3.			Perf. bottom.....
2.			
Liners Used.....			

CASING CEMENTED..... SIZE..... No. FT..... Date.....  
COAL WAS ENCOUNTERED AT **560** FEET **72** INCHES  
**888** FEET **48** INCHES **944** FEET **36** INCHES  
**980** FEET **72** 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	"	7	37			
Lime	"	Hard	37	87	Water	80'	
Red Rock	Red	Soft	87	117			
Slate	White	"	117	137			
Lime	"	Hard	137	187			
Slate-Shells	"	Soft&Hard	187	340			
Red Rock	Red	Soft	340	355			
Slate-Shells	Light	"	355	375			
Sand	"	"	375	400			
Slate-Shells	"	"	400	560			
Fairview Coal	Blk.	"	560	566			
Slate	White	"	566	585			
Sand	"	"	585	610			
Slate-Shells	"	"	610	645			
Lime	"	Hard	645	685			
Slate-Shells	"	Soft&Hard	685	800			
Lime	"	Hard	800	888			
M.F. Coal	Black	Soft	888	892			
Lime-Shells	Dark	Hard&Soft	892	944			
Graham Coal	Black	Soft	944	947			
Lime	Light	Hard	947	980			
Pgh. Coal	Black	Soft	980	986			
Slate&Shells	Dark	Soft&Hard	986	1035			
Red Rock	Red	Soft	1035	1041			
Sand Shells	Light	Hard	1041	1056			
Red Rock	Red	Soft	1056	1086			
Slate&Shells	White	Soft&Hard	1086	1144			
Murphy Sand	"	Hard	1144	1169			
Red Rock	Red	Soft	1169	1285			
Slate-Shells	Light	Soft&Hard	1285	1300			
Lime	"	Hard	1300	1335			
Sand	"	"	1335	1345			
Slate	Dark	Soft	1345	1357			
Slate	Light	"	1357	1395			
L. Dunkard	"	Hard	1395	1419			
Lime&Slate	"	Hard&Soft	1419	1455			
Big Dunkard	White	Hard	1455	1504			
Slate-Shells	Dark	Soft&Hard	1504	1526			
"	Light	"	1526	1598			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate-Shells	Dark	Soft&Hard	1598	1626			
"	"	"	1626	1640			
"	Light	"	1640	1656			
"	Dark	"	1656	1677			
Sand	"	Hard	1677	1735			
Slate&Shells	"	Soft&Hard	1735	1840	Sh. Gas	1735'	
1st.Salt	Light	Hard	1840	1845	Water	1780'	Hole full.
Slate	Dark	Soft	1845	1863			
Sand	"	"	1863	1887			
Slate&Shells	"	Soft&Hard	1887	1895			
Slate	Light	Soft	1895	1920			
Slate&Shells	Dark	Soft&Hard	1920	1992			
2nd.Salt	Light	Hard	1992	2049			
Slate&Shells	Dark	Soft&Hard	2049	2073			
Sand-3rd.Salt	Light	Hard	2073	2101			
Slate&Shells	"	Soft&Hard	2101	2122			
Maxton Sand	"	Hard	2122	2135			
Slate&Shells	"	Soft&Hard	2135	2167			
Little Lime	"	Hard	2167	2170			
Pencil Cave	Dark	Soft	2170	2255			
Big Line	Light	Hard	2255	2448	Gas	2321-2329'	
Big Injun	"	"	2448	2500			
Slate&Shells	"	"	2500	2535			
Lime	"	"	2535	2545			
Slate&Shells	"	Hard&Soft	2545	2572			
Sand	"	Hard	2572	2880			
Lime-Shells	"	Hard&Soft	2880	2900			
Lime	"	Hard	2900	2908			
Slate	"	Soft	2908	2920			
Lime-Shells	Dark	Hard	2920	2936	Gas	2925-2930'	
Fifty Foot Sand	Light	Hard	2936	2986			
Slate&Shells	Light	Soft&Hard	2986	3000			
Thirty Foot Sand	"	Hard	3000	3006			
Slate	Pink	Soft	3006	3020			
Thirty Foot Sand	"	Hard	3020	3023			
Slate	Pink	Soft	3023	3045			
Gordon Stray	Light	Hard	3045	3060			
Slate	"	Soft	3060	3075			
Gordon Sand	"	Hard	3075	3078			
Slate	Dark	Soft	3078	3125	Gas	3100-3106'	
Gordon Sand	Light	Hard	3125	3144			
Slate	"	Soft	3144	3164			
4th.Sand	Dark	Hard	3164	3167			
Slate	Light	Soft	3167	3177			
4th.Sand	Dark	Hard	3177	3202			
Slate	Light	Soft	3202	3214			
5th.Sand	Dark	Hard	3214	3399			
Slate&Shells	Light	Soft&Hard	3399				
Total Depth	-----			3399			

Date **January 5th, 1939**, 19.....

APPROVED **Pittsburgh & West Va Gas Co.** Owner

By *E. E. Brisson*  
(Title)

*WELLS COMPANY of W. Va.*

Record of Well 5001 Located on Thomas Carpenter Farm Jan. 17, 1912  
Church District Wetzel County W. Va.  
 Division D District No. 11 Drilled under well Order 390  
 Rig John Craig Began May 22 1912 Completed May 28 1912  
 Well drilled by C. C. Wilson & Co. Began June 3 1912 Completed Sept. 1st 1912  
 Depth of Well 3400 feet Size of Hole 6 9/8" Producing Gas.

*Completed by Mr. Martin Harner - wa. Cain*

Key: 1288 G

AMOUNT	SIZE	KIND	REMARKS
			Li.O. 274 U.6.550
			Reclaimed No. 579
16'	13"	Wood	Spaced.
256	10"	New	Reclaimed 2-24-38. 520 96 ft good
1489	8 1/4"	"	Reclaimed 2-21-38. 20 200 40 ft as fine pipe
2190	6 7/8"	Old	Reclaimed Feb 14-38. 82 feet 1640 ft
2920	3"	New	Reclaimed May 28, 1926.
2227	5 3/4"	Old	Reclaimed Feb 10-38- 227 422 ft good 75-2W1602 as fine pipe

COAL VEINS Mapleton 888-892 Pgh. 980-986.

FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (Thickness of feet)
<i>Littlefork</i>			1394	1419	
<i>Bigfork</i>			1455	1504	
<i>Dark sand</i>			1735	1863	Sum 1735 ft
<i>Lead Hill</i>	<i>Spaced</i>		1920	1972	" " 2321
<i>Shinell</i>			2049	2073	" " 2725 ft
<i>Warren</i>			2101	2122	" " 3100
<i>Big Lime</i>			2170	2265	" " 3100
<i>Big Sand</i>			2205	2248	Water 1720
<i>Big Sand</i>		2540	2575	Reclaimed	
<i>Big Sand</i>		2920	2920	10-1726	
<i>Big Sand</i>		2920	3000	Shinell	
<i>Big Sand</i>		3065	3065	and delimiting	
<i>Big Sand</i>		3144	3144	Began in	
<i>Big Sand</i>				1912 Completed	
<i>Total depth</i>				May 28-1926	
				Report	
				Commenced	
				Feb 1-38	

10	5	lbs.
70	70	"
160	30	"
300	70	"
15		"
30	130	"
Rock Pressure	170	" in 1 hr.
Taken	Sept. 2	1912
By	C.C. Hunt	

WELL TUBED AND PACKED Sept. 10 1912

VIZ: 2920 ft. 1399 ft. 3" July.  
1-69 1/2 X 3" Hook wall packer.  
30 ft. - 648 ft. of 3" anchor.  
all Reclaimed.

FIRST PRESSURE TEST IN 3" TUBING		REMARKS
30 Sec.	10 lbs.	<u>Shot with 30 gr</u> <u>in 50 ft sand</u>
1 Min.	15 "	
2 "	30 "	
4 "	60 "	
10 "	95 "	
15 "	120 "	
30 "	160 "	
Rock Pressure	230	" in 12 hrs.
Taken	Sept. 10	1912
By	W.R. Marshall	

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

All rig & timbers from well No. 5000 Lucinda - Youst  
largest, old " " " " "  
all wood work and conductor from stock at Littleton.  
band reel from Prichard Supply Co. "Marzington W. Va.  
292 ft Lumber, J.D. Turley @ 27<sup>00</sup> per M. Oct. 9 1912