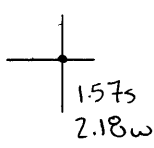


Latitude



Longitude

Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company Potts + WV Gas

Farm Mary Menford

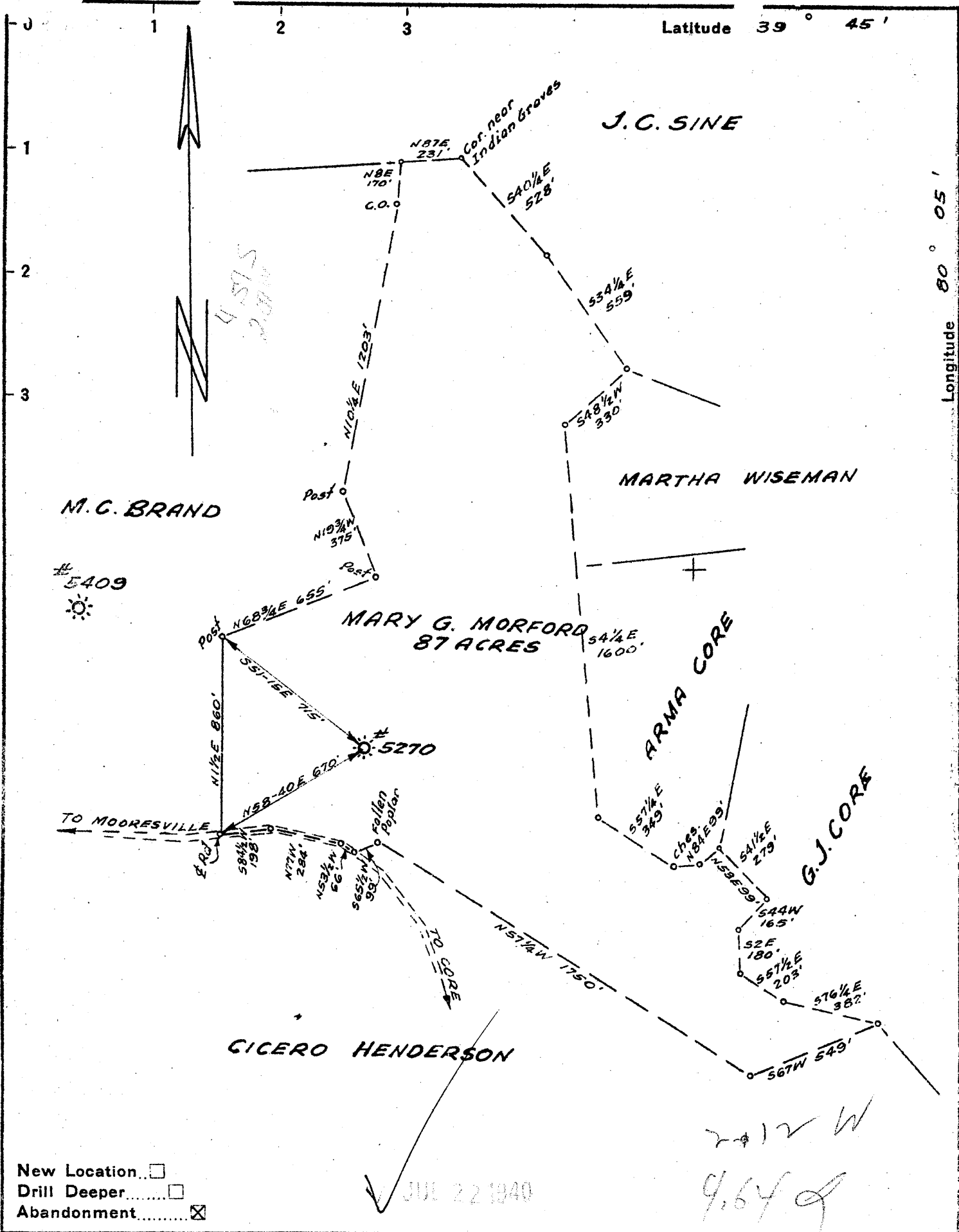
15' Quad _____
(sec.)

7.5' Quad Osage

District Clay

WELL LOCATION PLAT

County 061 Permit 30234



New Location...
 Drill Deeper...
 Abandonment...

Company Pittsburgh & W. Va. Gas Co.
 Address Clarksburg, W. Va.
 Farm Mary G. Morford
 Tract _____ Acres 87 Lease No. 15267
 Well (Farm) No. One Serial No. 5270
 Elevation (Spirit Level) 1028.5 VA.
 Quadrangle Blacksville N/E 3L
 County Monongalia District Clay
 Engineer Paul W. Cunningham
 Engineer's Registration No. _____
 File No. 81/39 Drawing No. _____
 Date July 10, 1940 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. Mon-234A

+ 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.

-9/-

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

294

WELL RECORD

Permit No. MOV-234-A

Oil or Gas Well Gas
(Kind)

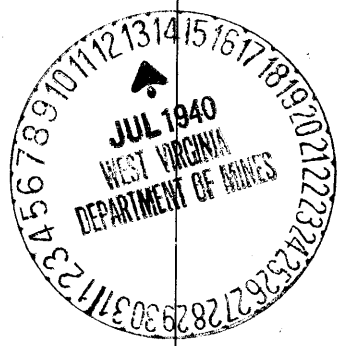
Company Pittsburgh & West Va Gas Company.
Address Clarksburg, West Va.,
Farm Mary C. Morford Acres 87
Location (waters) Blks. N/E. 3-1
Well No. 5270 Elev. 1315
District Clay County Monongahela
The surface of tract is owned in fee by Mary C. Morford
Address Core, W. Va.
Mineral rights are owned by Mary C. Morford
Address Core, West Va.
Drilling commenced April 24th, 1918
Drilling completed July 31st, 1918
Date shot..... Depth of shot.....
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	120'	Pulled.	
10	841'	841'	Size of.....
8 1/4	1649'	1589'	
6 1/2	2045'	2045'	Depth set.....
5 3/16	2921'	2921'	
3	3248'	3248'	Perf. top.....
2			Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

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

COAL WAS ENCOUNTERED AT 481 FEET 60 INCHES
804 FEET 36 INCHES 827 FEET 72 INCHES
..... FEET..... INCHES..... FEET..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Un-recorded			0	460	Water	180'	
Bluff Sand			400	460			
Slate			460	481			
Coal			481	486	Water	486'	4 Bailers Hr.
Slate			486	804			
Graham Coal			804	807			
Slate			807	827			
Pgh. Coal			827	833	Water		Pgh. Coal.
Lime			833	850			
Slate			850	870			
Lime			870	900			
Slate			900	930			
Pink Rock			930	945			
Slate			945	1030			
Murphy Sand			1030	1085			
Slate			1085	1175			
Little Dunkard			1175	1235			
Slate			1235	1240			
Lime			1240	1280			
Slate			1280	1320			
Sand	Grey	Hard	1320	1375			
Slate	White	Soft	1375	1480			
Gas Sand	Brown	Hard	1480	1510			
Slate	Black		1510	1520			
Lime	"	Hard	1520	1555			
Slate			1555	1585			
Sand	Grey	Hard	1585	1630			
Slate&Shells			1630	1658			
Sand			1658	1670			
Slate&Shells		Hard	1670	1700			
Salt Sand		Hard	1700	1830	Water	1811'	Hole full.
Slate		Soft	1830	1875			
Lime		Hard	1875	1955			
Slate			1955	1980			
Lime		Hard	1980	1990			
Red Rock		Soft	1990	1995			
Slate		"	1995	2005			
Lime		Hard	2005	2020			
Slate			2020	2026			
Big Lime			2026	2076			
Big Injun		Hard	2076	2270	Water	2200'	5 Bailers Hr.
Slate			2270	2335			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand		Hard	2335	2380			
Slate-Shells			2380	2465			
Lime		Hard	2465	2485			
Slate & Lime			2485	2665			
Sand Ganta			2665	2705			
Slate-Shells			2705	2725			
Fifty Foot Sand			2725	2800			
Slate&Shells			2800	2820			
Sand			2820	2837			
Slate&Shells			2837	2920			
Gordon Stray	Grey	Hard	2920	2931			
Slate&Sand Shells			2931	3035			
Lime			3035	3045			
Slate			3045	3050			
Sand			3050	3063			
Slate			3063	3098			
4th.Sand			3098	3112			
Slate			3112	3158			
5th.Sand			3158	3170			
Slate			3170	3178			
Sand			3178	3200			
Slate			3200	3211			
Sand Byard			3211	3228	Gas	3212'	
Slate			3228	3248			
Total Depth.....				3248			

Date June 20th, 1940

APPROVED PITTSBURGH & WEST VA GAS CO., Owner

By J. F. E. [Signature] (Title)

Record of Well No. **5270** Located on **Mary B. Morford et al Farm** Mar. 4 1918
 District **Monongalia** County **W. Va.** State
 Division **D'** District No. **11** Drilled under Well Order
 Rig built by **John Craig** Began **Apr. 4** 1918 Completed **Apr. 12** 1918
 Well drilled by **H. S. Snyder** Began **Apr. 24** 1918 Completed **July 31** 1918
 Depth of Well **3248** feet Size of Hole **5 9/16** Producing **Gas**
 Elev: **1028**

CASED WITH

REMARKS

AMOUNT	SIZE	KIND	REMARKS
16'	16"	Wood	
116'	13"	Old	Reclaimed
841'	10"	New	Reclaimed 5337-5710
1649'	8 1/4"	New	60ft. Reclaimed Aug. 6, 1918 - 8-19-18 1116-
2045'	6 3/8"	New	937-1930
2921'	5 9/16"	New	122-2525
3248'	3"	New	Reclaimed 1517-2185

COAL VEINS ⁴⁸¹ Fairview ⁴⁸⁶ Mapletown Pgh. ⁸²⁷ 833

FORMATIONS

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Bluff sand	400	460			180	
Mudstone	1030	1085			486	4 bails
Lilly Dunkard	1175	1235				
Sand	1320	1375				
Gas sand	1490	1510				
Sand	1685	1650				
First silt	1700	1830			1871	7 hole full
Big Lime	2026	2076				
Big Dipper	2076	2270			2195	6 bails
Sand	2325	2380				
Sand	2665	2705				
Fifty foot	2725	2800				
Sand	2828	2857				
Gordon clay	2920	2931				
Gordon sand	3050	3063				
Fourth "	3098	3112				
Fifth "	3158	3170				
Sand "	3178	3200				
Bayard sand	3211	3228		3212		1.0W3" 300 mcf

FIRST PRESSURE TEST IN 0 7/8 CASING

30 Sec. 3 lbs.
 1 Min. 6 "
 2 " 12 "
 5 " 25 3/4 "
 10 " 51 1/2 "
 15 " 72 7/8 "
 30 " 118 "
 Rock Pressure 405 " in 150-17 hrs.
146-72 hrs.
 Taken July 31-1918 19 Aug. 1-1918
 By

WELL TUBED AND PACKED Aug 1 1918.

VIZ:— 1-6 3/8, 32.48 ft. 3"
1-5 7/8 X 3" Larkin Anchor Packer
6 ft. 6.0 ft. of anchor.
1-3" R. & L.

FIRST PRESSURE TEST IN 3" TUBING.

30 Sec. 10 lbs.
 1 Min. 18 "
 2 " 31 "
 5 " 72 "
 10 " 142 "
 20 " 238 "
 30 " 300 "
 Rock Pressure 505-12 hrs. in
330-72 hrs.
 Taken Aug. 1-1918 19
 By

REMARKS

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES: