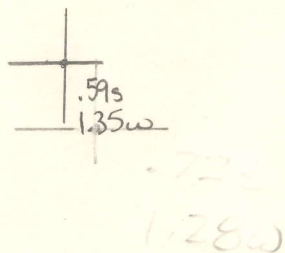


LATITUDE 39 35



LONGITUDE 80 10

7'5 OGIS topo location

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

Company \_\_\_\_\_ 1947

Farm MARCUS ICE

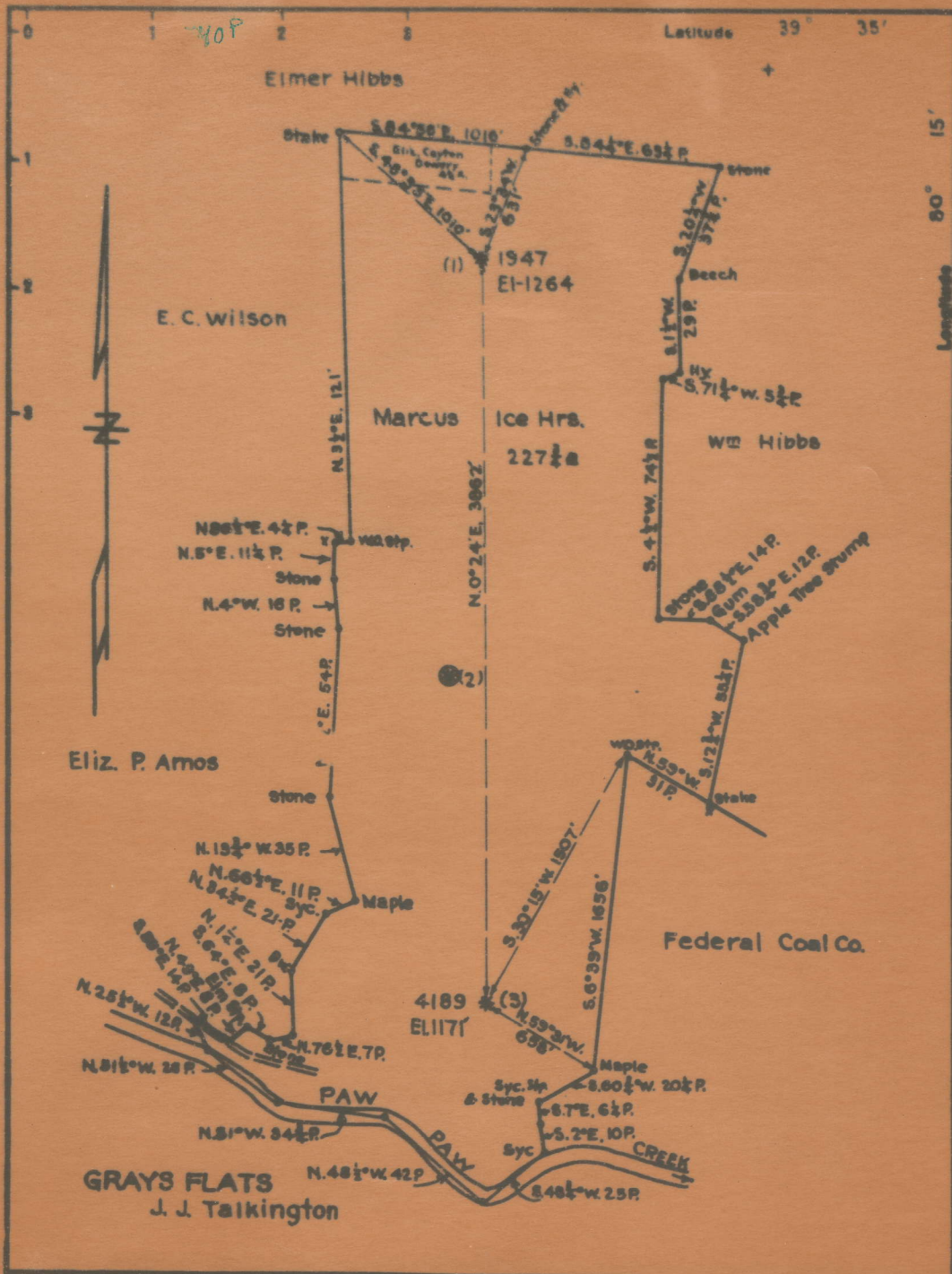
Quad GRANTTOWN

County MARION

District PAW PAW

WELL LOCATION MAP

File No. 30147



Company Hope Natural Gas Co.

Address Clarksburg, W.Va.

Farm Marcus Ice

Town Acme 227 1/2 Loc. No. 10000 Ma

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



147A

Paw Paw District, Marion County, W. Va.  
 By Hope Natural Gas Co., Clarksburg, W. Va.  
 On 227 $\frac{3}{4}$  acres, on Paw Paw Creek; surface owned by Marcus Ice Heirs,  
 Mrs. Flora Ice, Farmington, W. Va., and minerals by Little  
 Kanawha Syndicate, S. D. Brady, Morgantown, W. Va.

Elevation, 1264' L.

Drilling commenced Sept. 13, 1910; completed, Aug. 16, 1910.

Shot Aug. 1, 1918, at 2957-2967 and 2009-2015'.

No fresh water recorded; salt water at 1555'.

13" casing, 218' (pulled); 10", 628'; 8 $\frac{1}{2}$ ", 1546'; 6 $\frac{1}{2}$ ", 1865';  
 5 $\frac{1}{2}$ ", 2064' (pulled).

10" casing cemented, 68'; 10" casing cemented from 628 to 560'.

Coal was encountered at 505 and 590-598'.

Gas well. Abandonment reported to Dept. of Mines Sept. 28, 1936.

Record to RCT from D. G. Courtney (Dept. of Mines) 5-5-37.

	Top.	Bottom.
Native coal	505	- ....?
Pittsburgh Coal	590	- 598
Little Dunkard Sand	788	- 800
Big Dunkard Sand	1120	- 1160
Gas Sand	1442	- 1472
First Salt Sand (water, 1555')	1558	- 1635
Little Lime	1806	- 1824
Pencil Cave	1824	- 1828
Big Lime	1828	- 1885
Big Injun Sand (gas, 1975-2012')	1885	- 2020
Berea Sand	2330	- 2350
50-Ft. Sand	2450	
30-Ft. Sand		2661
Gordon Stray Sand	2745	- 2755
Gordon Sand	2761	- 2771
Fourth Sand	2806	- 2836
Fifth Sand (show gas, 2962')	2945	- 2971
Original total depth		3050
Formerly filled and plugged to present T. D.		2049



WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

(L.H.O.)

271

WELL RECORD

Permit No. **MAR-147-A**

Gas **1947**  
Oil or Gas Well (Kind)

Company	Hope Natural Gas Company	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address	Clarksburg, W. Va.,	Size			
Farm	Marcus Ice	16	218	None	Kind of Packer
Location (waters)	Paw Paw Creek	13	628	628	Size of
Well No.	1947	10	1546	1546	Depth set
District	Paw Paw	8 1/4	1865	1865	Perf. top
County	Marion	6 5/8	2064	None	Perf. bottom
The surface of tract is owned in fee by	Marcus Ice Heirs	5 3/16			Perf. top
% Mrs. Flora Ice	Address Farmington, W. Va.	3			Perf. bottom
Mineral rights are owned by	Little Kanawha Syndicate	2			Perf. top
% S. D. Brady	Address Morgantown, W. Va.,	Liners Used			Perf. bottom
Drilling commenced	Sept. 13, 1910				
Drilling completed	Aug. 16, 1910				
Date shot	8-1-1918				
Depth of shot	2957-2967 2009-2015				
Open Flow	/10ths Water in				
	/10ths Merc. in				
Volume	Cu. Ft.				
Rock Pressure	lbs. hrs.				
Oil	bbls., 1st 24 hrs.				
Fresh water	None recorded				
Salt water	1555				

CASING CEMENTED 10" SIZE No. FT. 68 Date  
10" casing cemented from 628 to 560'  
COAL WAS ENCOUNTERED AT 505 FEET ? INCHES  
590 FEET 96 INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Native Coal			505	?			
Pittsburgh Coal			590	598			
Little Dunkard Sand			788	800			
Big Dunkard Sand			1120	1160			
Gas Sand			1442	1472			
First Salt Sand			1558	1635	Water	1555	
Little Lime			1806	1824			
Pencil Cave			1824	1828			
Big Lime			1828	1885			
Big Injun Sand			1885	2020	gas	1975-2012	
Berea Sand			2330	2350			
Fifty Foot Sand			2450				
Thirty Foot Sand				2661			
Gordon Stray			2745	2755			
Gordon Sand			2761	2771			
Fourth Sand			2806	2836			
Fifth Sand			2945	2971	Show gas	2962	
Original total depth			3050'				
Formerly filled and plugged to present total depth			2049'				



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
				3020			
			3042	3047			
			3002	3029			
			3047	3047			
			3042	3022			
				3067			
			3420				
			3320	3320			
			1882	3030	Gas	1882-3030	
			1838	1862			
			1854	1838			
			1800	1854			
			1828	1822		1822	
			1442	1442			
			1130	1100			
			866	900			
			800	800			
			202				

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soft water		feet					
Hard water		feet					
Oil							
Rock fragments							
Drilling							
Other items							
Date spot		Depth of spot					
Drilling commenced							
Drilling completed							
Mineral rights are owned by							
The surface of land is owned by							
Driller		County					
Well No.							
Location (meters)							
Owner							
Address							
Company							

Well No. **W-145-143-N**

Date **September 23, 1936**, 19.....

**METL RECORD**

APPROVED **Hone Natural Gas Company**, Owner

OIL AND GAS DIVISION

WEST VIRGINIA DEPARTMENT OF MINES

By *[Signature]*

(Title) **Asst. General Supt.**