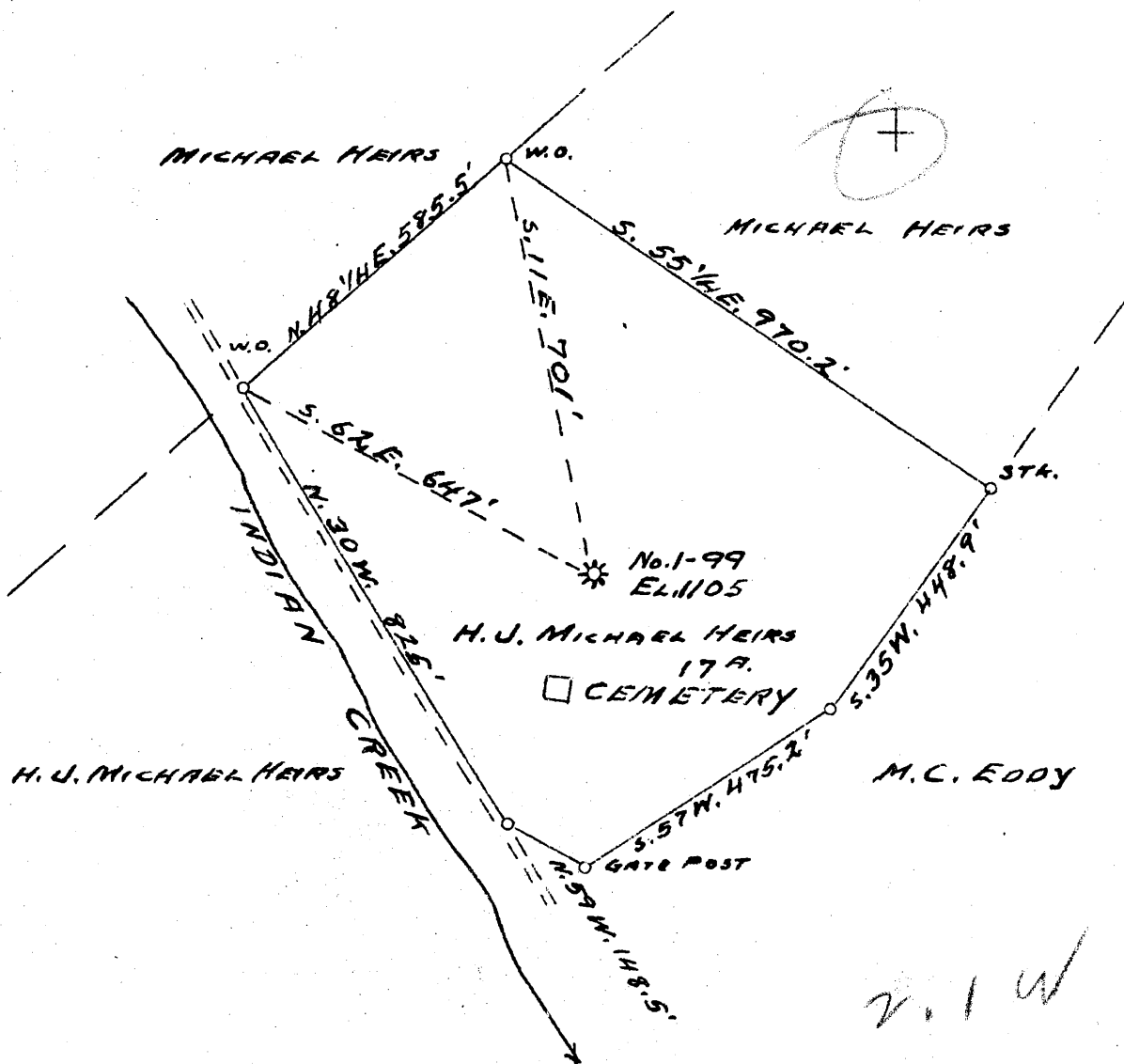


Latitude 37° 40'

Longitude 80° 05'



2.1 W
3.7 W A

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

SEP 23 1942

Company CARNEGIE NATURAL GAS CO.
 Address PITTSBURGH, PENNA.
 Farm H. J. MICHAEL
 Tract ONE Acres 17 Lease No. E-6735-56
 Well (Farm) No. 1 Serial No. 99
 Elevation (Spirit Level) 1105'
 Quadrangle BLACKSVILLE S.E.
 County MONONGALIA District CLAY
 Engineer D. T. BRITTON
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date AUG. 26, 1942 Scale 1" = 300'

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

WELL LOCATION MAP
 FILE NO. MON-284-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.

H. J. MICHAEL No. 1 (99) - CARNEGIE N.G. CO. - MON-284-

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

332

WELL RECORD

Permit No. **784A**

WELL TO BE ABANDONED

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

Company **CARNEGIE NATURAL GAS COMPANY**
 Address **1014 FRICK BLDG., PITTSBURGH, PA.**
 Farm **H. J. MICHAEL** Acres **64 (NOW 10)**
 Location (waters) **Indian Creek**
 Well No. **1-99** Elev. **1105**
 District **CLAY** County **MONONGALIA**
 The surface of tract is owned in fee by **SEE BELOW**
 Address **SEE BELOW**
 Mineral rights are owned by **SEE BELOW**
 Address **SEE BELOW**
 Drilling commenced **March 29, 1912**
 Drilling completed **July 8, 1912**
 Date shot _____ Depth of shot _____
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume **775,000** Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water **1406** feet **1445** feet
 Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16.			
13.			
10.		460'	Size of 2" x 6-5/8"
8 1/4.			Depth set 1811'
6 5/8.		1735'	
5 3/16.			
3.		1811'	Perf. top
2.			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 COAL WAS ENCOUNTERED AT **358** FEET _____ INCHES
437 FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Mapletown Coal			358'	364'			
Pittsburgh Coal			437'	444'			
Little Dunkard			790'	835'			
1st Gas Sand			1163'	1238'			
1st Salt Sand			1268'	1323'			
2nd Salt Sand			1383'	1494'			
Maxton Sand			1544'	1585'			
Little Lime			1660'	1675'			
Pencil Cave			1675'	1680'			
Big Lime			1680'	1770'			
Big Injun			1770'	1905'	Gas	1860' & 1887'	
Gantz Sand			2310'	2345'			
50-Foot Sand			2470'	2486'			
4th Sand			2752'	2769'			
5th Sand			2800'	2862'	Gas	2812' & 2848'	
TOTAL DEPTH				2881'			

OWNERS OF SURFACE AND MINERAL RIGHTS:

HEIRS OF H. J. MICHAEL:-
 W.E. Michael & Emma Michael, Core, W. Va.,
 John Michael)
 Arzema Michael)
 David Michael)
 Sarah V. Eddy,)
 Victory A. Hawkins)
 Nancy A. Hawkins)
 Goldie Robison)
 Cal. Hawkins)
 o/e W. E. MICHAEL, Attorney-in-Fact, CORE, W. VA.

