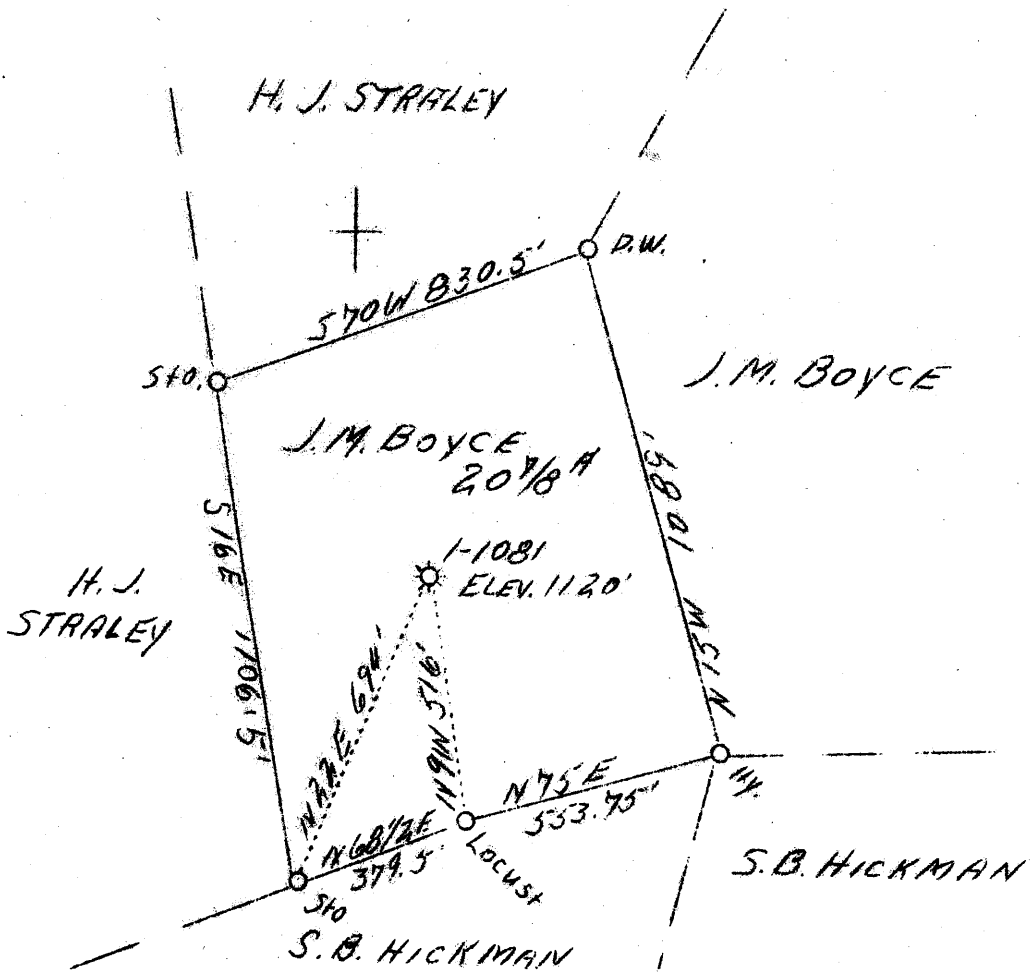


LATITUDE 39° 10'

LONGITUDE 80° 50'



4.3W  
4.58

WELL TO BE ABD.

AUG - 8 1939

Company	Carnegie Natural Gas Co.
Address	Pittsburgh, Pa.
Farm	J. M. Boyce
Tract	1
Acres	21
Lease No.	E-8175-64
Well (Farm) No.	1
Serial No.	1081
Elevation	1120
Quadrangle	Holbrook S. W. 1/4
County	Ritchie
District	Union
Engineer	D. T. Britton
Eng. Reg. No.	-
Date	July 20, 1939
Scale	1" - 400'

(C)

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

WELL LOCATION MAP

File No. Rit-414-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

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WELL RECORD

Permit No. 414-A Halbrook C. WELL TO BE ABANDONED Oil or Gas Well Gas  
(Kind)

Company Carnegie Natural Gas Co  
Address 1014 Frick Bldg Pittsburgh Pa  
Farm J. M. Boyce Acres 21  
Location (waters).....  
Well No. 1081 Elev. 1120  
District Union County Ritchie  
The surface of tract is owned in fee by J. M. Boyce  
Berea W Va Address.....  
Mineral rights are owned by Same  
Address.....  
Drilling commenced Mar 11 1922  
Drilling completed Apr 2 1922  
Date shot..... Depth of shot.....  
Open Flow /10ths Water in..... Inch  
30/10ths Merc. in 2 Inch  
Volume 962 000 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			
16.....			Kind of Packer.....
13.....			
10.....	<b>302</b>	<b>None</b>	Size of.....
8 1/4.....		<b>1036</b>	
6 5/8.....		<b>1926</b>	Depth set.....
5 3/16.....			
3.....			Perf. top.....
2.....		<b>2071</b>	Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

CASING CEMENTED..... SIZE..... No. FT..... Date.....  
COAL WAS ENCOUNTERED AT..... FEET..... INCHES  
..... FEET..... INCHES..... FEET..... INCHES  
..... FEET..... INCHES..... FEET..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Little Dunkard			915	945			
Big Dunkard			1035	1080			
Gas Sand			1110	1145			
1st Salt Sand			1328	1345			
2nd Salt Sand			1485	1510			
Maxton Sand			1670	1795			
Little Lime			1880	1903			
Pencil Cave			1903	1923			
Big Lime			1923	1983	Gas	1929-1937	
Big Injun			1983	2057	Gas	2036	

