

New Location
 Drill Deeper
 Abandonment X

✓ 3.59 3.19 W
 4.12 4.19

Company CARNEGIE NATURAL GAS
 Address PITTSBURGH, PA.
 Farm L. YOST
 Tract _____ Acres 12 Lease No. E 8838 72
 Well (Farm) No. 1 Serial No. E 46A
 Elevation (Spirit Level) 1397
 Quadrangle MANNINGTON S.W.
 County WETZEL District CHURCH
 Engineer R.L. SWEENEY
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date 1-17-47 Scale 1"=30' Poles 495

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

WELL LOCATION MAP
 FILE NO. WET-554-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 foot spaces on border line of original tracing.

WC



1020

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 554-A

Gas Well to be Abandoned

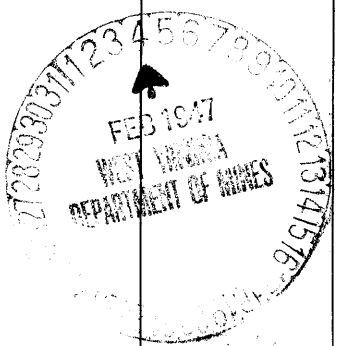
Oil or Gas Well Gas
(KIND)

Company Carnegie Natural Gas Company
Address Pittsburgh Penna
Farm L. Youst Acres 12
Location (waters) Harker Run
Well No. 464 Elev. 1397
District Church County Netzel
The surface of tract is owned in fee by Anna Franklin
Address Fairmont W Va
Mineral rights are owned by Anna Franklin
Address Fairmont W Va
Drilling commenced 7-31-14
Drilling completed 10-2-14
Date Shot From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
10 /10ths Merc. in 2 Inch
Volume 497 mcf Cu. Ft.
Rock Pressure 785 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
18			<u>Hook Wall</u>
10	<u>240</u>	<u>none</u>	Size of
8 1/4	<u>1555</u>	<u>none</u>	<u>6 5/8 x 2</u>
6 3/4	<u>2295</u>	<u>2295</u>	Depth set <u>2325</u>
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 970 FEET _____ INCHES
1073 FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Mapleton Coal			970	975			
Pittsburgh Coal			1073	1080			
Big Dunkard			1545	1610			
Gas Sand			1760	1790			
1st Salt Sand			1844	1955	Show gas	1855	
2nd Salt Sand			2020	2080			
Little Lime			2250	2263			
Fenoil Cave			2263	2265			
Big Lime			2265	2350			
Big Injun			2350	2517	Gas	2358	
30 ft Sand			3110	3140			
Gordon Stray			3160	3215			
4th Sand			3250	3265	Gas	3253	



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date February 3, 1947

APPROVED Carnegie Natural Gas Company, Owner

By D. H. Archer Land Agent
(Title)