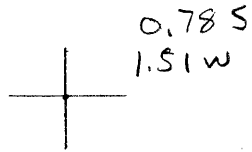


LATITUDE 39°37'30"



11°00'52.08

LONGITUDE

7'5 OGIS topo location

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

Company _____

Farm EE Hays 2

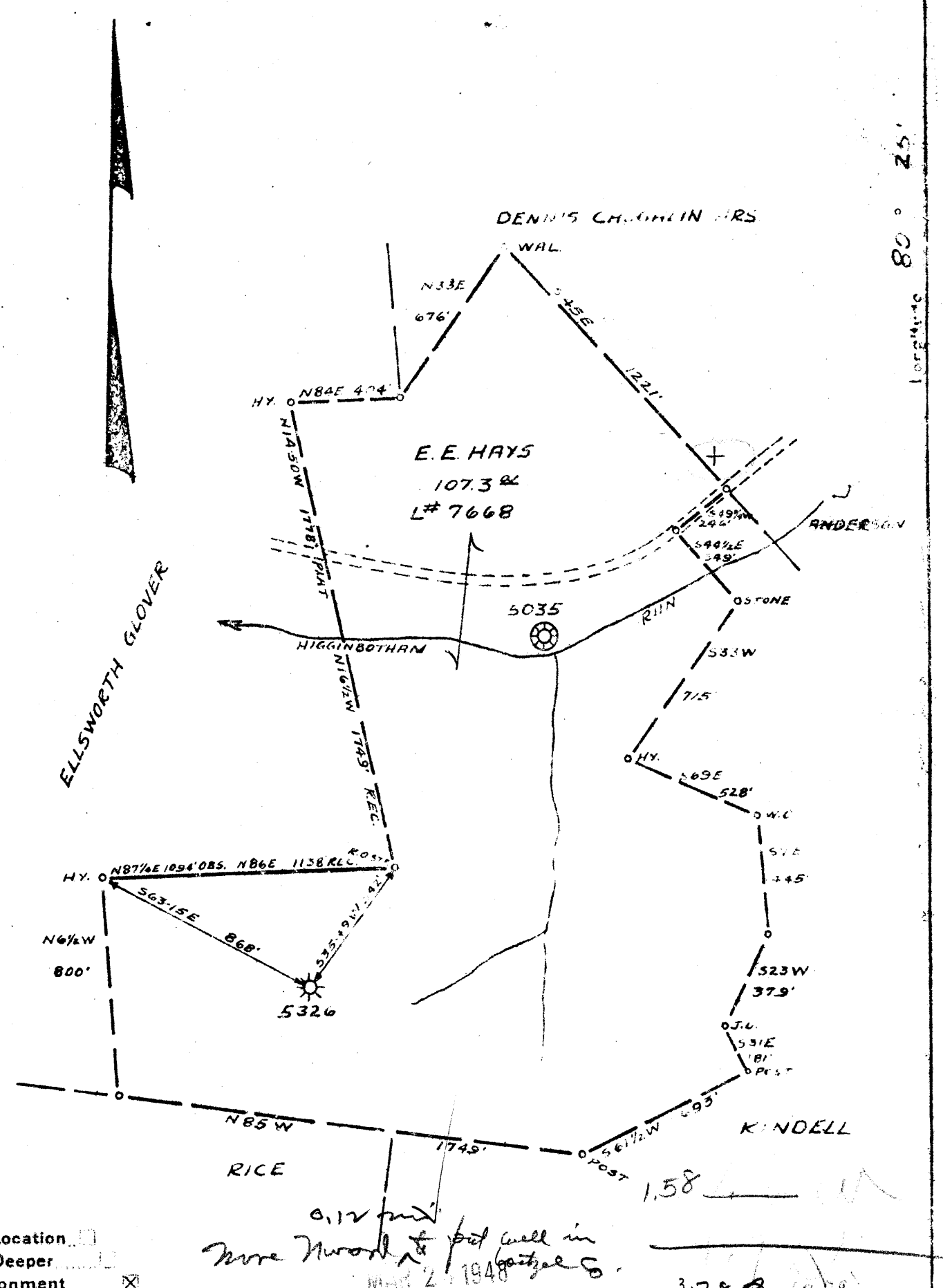
Quad _____

County _____

District _____

WELL LOCATION MAP

File No. 103-30640



Longitude 80° 25'

New Location
 Drill Deeper
 Abandonment

*0.12 feet
 more work to put well in
 better S.
 MAY 2 1948*

*1.58
 3.78*

Company PITTSBURGH & W.VA. GAS CO.
 Address CLARKSBURG, W.VA.
 Farm E. E. HAYS
 Tract _____ Acres 107.3 Lease No. 7668
 Well (Farm) No. TWO Serial No. 5326
 Elevation (Spirit Level) 1507 V.A.
 Quadrangle MANNINGTON S.W. 12
 County WETZEL District CHURCH
 Engineer Kenneth B. Moore
 Engineer's Registration No. _____
 File No. WOLD 32/37 Drawing No. _____
 Date DEC 2, 1947 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. WEE-640-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 lines of original tracing



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1185

WELL RECORD

Permit No. 640-A

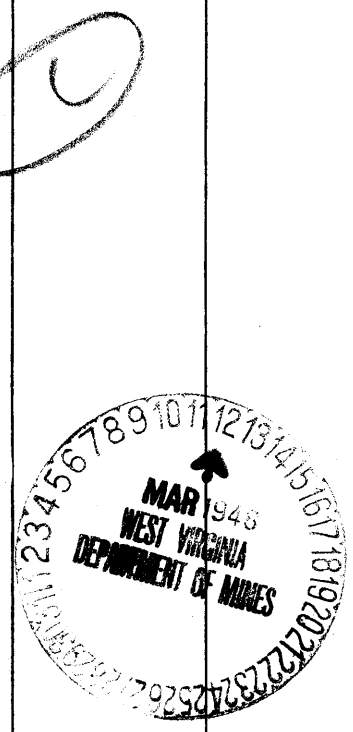
Oil or Gas Well "GAS"
(KIND)

Company Pittsburgh & West Va Gas Company.
Address Clarksburg, West Va.
Farm E. E. Hays Acres 107
Location (waters) Manna S/W. 3-2
Well No. 5326 Elev. 1507'
District Church County Netzel
The surface of tract is owned in fee by Parry Haines
R.D.#1 Address Glover Gap, W. Va.
Mineral rights are owned by E. E. Hays & Exchange
Bank of Mannington. Address Mannington, W. Va.
Drilling commenced September 21st, 1920
Drilling completed December 4th, 1920
Date Shot _____ From _____ To _____
With _____
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			
16			Kind of Packer
13			
10	260'	260'	Size of
8 1/4	1675'	1675'	
6 3/8	2501'	2501'	Depth set
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 960 FEET 48 INCHES
1210 FEET 48 INCHES 1300 FEET 96 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate Shells	Light	Soft	0	150			
Red Rock	Red	"	150	200			
Lime Shells	Light	Hard	200	275			
Slate	"	Soft	275	380			
Sand	"	Hard	380	425			
Slate	Dark	Soft	425	510			
Shells	"	Hard	510	615			
Red Rock	Red	Soft	615	660			
Lime	White	Hard	660	725			
Sand Shells	"	"	725	770			
Slate	Dark	Soft	770	840			
Lime	"	Hard	840	920			
Slate	"	Soft	910	930			
Bluff Sand	White	Hard	930	960			
Waynesburg Coal	Black	Soft	960	964			
Slate	Dark	Soft	964	1020			
Lime Shells	"	"	1020	1105			
Lime	White	Hard	1105	1210			
M.T. Coal	Black		1210	1214			
Lime	White	Hard	1214	1300			
Pgt. Coal			1300	1308			
Slate	Dark	Soft	1308	1360			
Lime Shells	"	Hard	1360	1420			
Red Rock		Soft	1420	1430			
Sand	White	Hard	1430	1490			
Red Rock		Soft	1490	1510			
Slate	Dark	"	1510	1530			
Red Rock		"	1530	1600			
Lime	White	Hard	1600	1620			
Slate	Black	Soft	1620	1630			
Lime	White	Hard	1630	1670			
Slate	"	Soft	1670	1690			
Little Dunkard	"	Hard	1690	1720			
Slate	Dark	Soft	1720	1761			
Red Rock	Red	"	1761	1775			
Big Dunkard	White	Hard	1775	1820			
Slate	Black	Soft	1820	1840			
Sand	White	Hard	1840	1860			



FEB 17 1949

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime	White	Hard	1860	1925			
Slate	Dark	Hard&Soft	1925	2030			
Salt Sand	"	Hard	2030	2117			
Lime	White	"	2117	2170			
2nd. Salt Sand	Dark	"	2170	2190			
Slate	Dark	Soft	2190	2220			
Lime	White	Hard	2220	2265			
Sand	"	"	2265	2310			
Shells	Dark	"	2310	2406			
Masses Sand	White	"	2406	2435			
Shells	"	"	2435	2475			
Pencil Cave	Dark	Soft	2475	2482			
Big Lime	White	Hard	2482	2517			
Big Injun	"	"	2517	2731			
Slate	Dark	Soft	2731	2750			
Shells	"	Hard	2750	2775			
Slate	"	Soft	2775	2810			
Lime Shells	"	Hard	2810	2880			
Lime	"	"	2880	2920			
Slate	"	Soft	2920	2960			
Lime	"	Hard	2960	2985			
Shells	"	"	2985	3020			
Slate	"	Soft	3020	3070			
Shells	"	Hard	3070	3115			
Slate	"	Soft	3115	3190			
Shells	"	Hard	3190	3237			
50 Ft. Sand	Dark	Hard	3237	3256			
Shells	"	Hard&Soft	3256	3295			
30 Ft. Sand	White	Hard	3295	3317	Gas	3307-3310'	
Slate	Dark	Soft	3317	3323			
Lime	Light	Hard	3323	3326			
Bolder	Red	"	3326	3352			
Slate	Dark	Soft	3352	3368			
Stray Sand	White	Hard	3368	3435	Oil	3408-3412'	
Ath. Sand	"	"	3435	3491			
Slate&Shells	"	Hard&Soft	3491	3711			
Total Depth.....				3711			

October 29th, 1947

Date _____, 19____

PITTSBURGH & WEST VA GAS COMPANY.

APPROVED _____, Owner

By W. J. M. Minter

(Title)

Record of Well No. 5326 Located on C. C. Hayes. Farm May 27 1920
 Church District Wetzel County W. Va. State
 Division N District No. 11 Drilled under well Order 1583
 Rig built by Craig & Custer Began July 20 1920 Completed July 23 1920
 Well drilled by Funk & Mall Began Sept. 21 1920 Completed Dec. 4 1920
 Depth of Well 3714 feet Size of Hole 6 7/8. Producing Gas.
 Elev. 1507 G

CASED WITH

REMARKS

AMOUNT	SIZE	KIND
16'	13"	Wood
260'	10"	Old
1675'	8 1/4"	"
2501'	6 7/8"	"
3312'	2"	"

COAL VEINS Mapletown 1210 1300
 1214 1308

FORMATIONS

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Sand	1430	1450				
Little Run sand	1690	1720				
Big Run sand	1775	1820				
1st. Salt sand.	2030	2147			2055	1 boiler pump, br.
2nd "	2170	2190				
3rd "	2268	2340				
Mason sand	2406	2435				
Big Lime	2482	2547		2550		
Big Limestone	2547	2739				
Fifty foot	3237	3256				
Thirty foot	3295	3317		3307		1.2 m 2" 47 m 2"
Rounder sand	3327	3352		3316		
Gordon clay	3368		3408-12			show.
Gordon sand		3435				2.2 W after shot.
Fourth sand.	3452	3491				One string of tools left in well and 10 or 20 ft. crocker

PRESSURE TEST IN 6 7/8" CASING		
		12-14-20
30 Sec. 1 1/2	lbs. 1/2	1
1 Min. 3	" 1"	2
2 " 6	" 2 W 2"	3
5 " 16"	" 7 1/2"	7
10 " 28"	" 15"	13
20 " 54 H W 2"	" 30	26
30 " 77	" 45	
Rock Pressure 625	" 102-3 hrs.	
	" 380-5 1/2 hrs.	
Taken Nov. 23-1920	Dec. 4-1920	
By		

REMARKS
 Shot 20 qts. 30 ft. sand
 Dec. 7-1920.
 1 1/2-3-5-7-9-11-22-41-60
 2, 2 W 2"
 198 Mcf

WELL TUBED AND PACKED Dec. 14 1920

VIZ:- 163 ft. 33 1/2 ft. 2" tubing.
 3 ft. 62 ft. 2" below packer.
 1-6 7/8 x 3" Hook Wall Packer.
 2- 3x2 sledge nipples
 1- 2" R & L

FIRST PRESSURE TEST IN TUBING		
30 Sec. 11	lbs.	
1 Min. 16	"	
2 " 21	"	
5 " 39	"	
10 " 68	"	
20 " 117	"	
30 " 162	"	
Rock Pressure 236	" in	
Taken Dec. 14-1920		19
By		

REMARKS

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

5726 ft. lumber, rig iron and rig timbers old from W. 5247.
 547 ft. lumber new, @ \$5.00 Dat. 30.08 A. J. Stewart.
 5527 ft. lumber new, @ \$0.29 276.35 A. J. Stewart.
 500 lbs. nails Stock.
 1 Pair set rig timbers \$75.00 W. H. Cinchew