

New Location
 Drill Deeper
 Abandonment X

FEB 26 1945

Company PITTSBURGH & WEST VA. GAS
 Address CLARKSBURG, W. VA.
 Farm SIMON HIGGINBOTHAM
 Tract _____ Acres 30 Lease No. 15610
 Well (Farm) No. ONE Serial No. 5220
 Elevation (Spirit Level) 1586.1 VA.
 Quadrangle MANNINGTON N. W. 3E
 County WETZEL District CHURCH
 Engineer *Kenneth B. Moore*
 Engineer's Registration No. _____
 File No. D-14 - P-154 Drawing No. _____
 Date FEB. 8, 1945 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. WET-493-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.

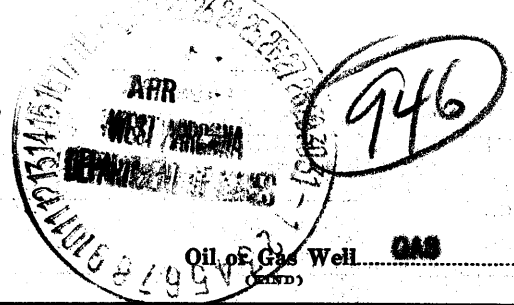
- Denotes one inch spaces on border line of original tracing.

HES

Simon HIGGINBOTHAM No. 1 (5220) - P.G.H. & W. VA. GAS CO. - WET-493-A

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD



Permit No. **493-A**

Oil or Gas Well **GAS**

Company **Pittsburgh & West Va Gas Company.**
Address **Clarksburg, West Va.,**
Farm **Simon Higinbotham** Acres **30**
Location (waters) **Mass. N/W. 3-4**
Well No. **2220** Elev. **1586' VA**
District **Church** County **Netzel**
The surface of tract is owned in fee by **Mrs. L. B. Tutrick.**
Box 483 Address **Fairmont, W. Va.,**
Mineral rights are owned by **S. P. Denson et al.**
Address **Farmington, W. Va.,**
Drilling commenced **January 16, 1917**
Drilling completed **April 25, 1917**
Date shot _____ Depth of shot _____
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			Anchor
10	321'	321'	Size of 6-5/8" X 7'
8 1/4	257'	257'	
6 3/4	257'	257'	Depth set 337'
5 3/16			
3	256'	256'	Perf. top
2	337'	337'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT **1270** FEET **60** INCHES
1300 FEET **72** INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Un-recorded			0	1270			
M.P. Coal			1270	1275			
Un-recorded			1275	1300			
Fgh. Coal			1300	1309			
Slate-slime	Light	Hard-Soft	1309	1445			
Murphy Sand	"	Hard	1445	1496			
Slate-shells	"	Soft-Hard	1496	1675			
Sand	"	Hard	1675	1745			
Shells -slate	"	Hard-Soft	1745	1745			
Sand	Light	Hard	1745	1807			
Shaltered Rock	"	Hard-Soft	1807	1832			
Big Dunkard	Dark	Hard	1832	1878			
limstslate	"	Hard-Soft	1878	1940			
Sand	"	Hard	1940	1940			
Slate-shells	"	Hard-Soft	1940	1966			
Sand	"	Hard	1966	2001			
Slate	Light	Soft	2001	2007			
Sand	"	Hard	2007	2065			
Slate-shells	"	Soft-Hard	2065	2100			
1st. Salt Sand	Dark-light	Hard	2100	2223			
Slate-shells	Dark	Hard-Soft	2223	2310			
2nd. Salt Sand	"	Hard	2310	2390			
Slate-shells	"	Hard-Soft	2390	2435			
Masson Sand	Light-Dark	"	2435	2535			
Pink Rock	"	Hard	2535	2590			
Big lime	Light	"	2590	2609			
Big Injan Sand	"	"	2609	2629			
Slate-shells	Dark	" & soft	2629	3025			
30 Ft. Sand	Light	"	3025	3250			
Slate-shells	Dark	"	3250	3300			
30 Ft. Sand	Light	Hard	3300	3335			
Slate-shells	"	Hard-Soft	3335	3378			
Garden Stray	Light	Hard	3378	3414	Gas	3359'	10/10 water 5' Gas.
Slate	Dark	Soft	3414	3418			
Sand	"	Hard	3418	3436			
Slate	"	Soft	3436	3451			
Garden Sand	Dark	Hard	3451	3470			
Slate	"	Soft	3470	3475			
Garden Sand	"	Hard	3475	3520	Gas	3488-3493'	~133 MeS
Slate	"	Soft	3520	3539			
1st. Sand	"	Hard	3539	3571			
Slate	"	Soft	3571	3615			



