

Company PITTSBURGH E. WVA. GAS CO.
 Address CLARKSBURG, W.VA.
 Farm T. M. ELLIS
 Tract _____ Acres 115 Lease No. 4407
 Well (Farm) No. ONE Serial No. 4277
 Elevation (Spirit Level) 1300' V.A.
 Quadrangle BURNSVILLE N.E. 21-3
 County LEWIS District COURTHOUSE
 Engineer Kenneth B. Moore
 Engineer's Registration No. _____
 File No. V-156 P131 Drawing No. _____
 Date APRIL 6, 1948 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. LEW-399-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 in 10 spaces on border line of original tracing



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

477

WELL RECORD

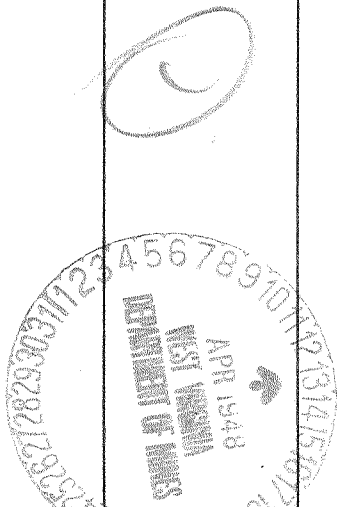
Permit No. 399-A Oil or Gas Well "GAS"
(KIND)

Company Pittsburgh & West Va Gas Company.
Address Clarksburg, West Va.
Farm T. M. Ellis Acres 115
Location (waters) Burnsville N/E. 2-1
Well No. 4277 Elev. 1300' VA
District Court House County Lewis
The surface of tract is owned in fee by H. D. Linger
R.D.#1 Address Roanoke, W. Va.
Mineral rights are owned by W. B. Ellis-atty-in-fact
for Roy Ellis. Address Broad St. Weston, W. Va.
Drilling commenced May 1st, 1914
Drilling completed July 3rd, 1914
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	140'	140'	Size of
8 1/2	940'	940'	
6 5/8	2010'	2010'	Depth set
5 3/16	2595'	2595'	
3			Perf. top
2			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
ed Rock		Soft	0	150			
ine	Light	Hard	160	300			
ed Rock		Soft	300	340			
ine	Light	Hard	340	450			
ed Rock		Soft	450	470			
ine	Light	Hard	470	505			
ed Rock		Soft	505	610			
ine	Light	Hard	610	625			
late	Light	Soft	625	705			
"	Black	"	705	715			
"	Light	"	715	735			
ine	White	Hard	735	765			
ed Rock		Soft	765	820			
ittle Dunkard		Hard	820	870			
late	Dark	Soft	870	900			
ine	Light	Hard	900	930			
ig Dunkard		"	930	955			
ine	Light	Hard	955	1100			
as Sand		"	1100	1195			
late	Dark	Soft	1195	1197			
ine	"	Hard	1197	1212			
late	"	Soft	1212	1235			
st. Salt Sand	White	Hard	1235	1305			
late	Dark	Soft	1305	1320			
nd. Salt Sand	White	Medium	1320	1400			
late	Dark	Soft	1400	1432			
ine	"	Medium	1432	1480			
late Shells	"	Soft/Hard	1480	1490			
rd. Salt Sand	White	Hard	1490	1520			
late	"	Soft	1520	1540			
and	"	Hard	1540	1600	Gas	1585'	(Little)
late Shells			1600	1745			
ed Rock		Soft	1745	1895			
ine	Light	Hard	1895	1915			
ed Rock		Soft	1915	1925			
and	Light	Hard	1925	1930			
ed Rock		Soft	1930	1942			
ine	Light	Hard	1942	1962			
late	Dark	Soft	1962	1968			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Line	Dark	Hard	1968	1978			
Slate	White	Soft	1978	1984			
Little Line		Hard	1984	1994			
Pencil Cave		Soft	1994	2000			
Big Line		Hard	2000	2050			
Big Injun	White	"	2050	2188			
Slate&Shells	Dark	Soft&Hard	2188	2280			
Gantz Sand	White	Soft	2280	2310			
Slate&Shells	Dark	Soft	2310	2405			
50 Ft. Sand	White	Hard	2405	2428			
Slate	Dark	Soft	2428	2440			
30 Ft. Sand	"	"	2440	2470			
Slate	"	"	2470	2520			
Sand	"	Hard	2520	2546			
Slate	"	Soft	2546	2590			
Sand	"	Hard	2590	2618			
Slate	Dark	Soft	2618	2622			
Gordon Sand	"	Hard	2622	2636			
Red Rock	Red	Soft	2636	2638			
4th. Sand	Dark	Hard	2638	2661			
Slate	White	Soft	2661	2665			
Line	"	Hard	2665	2677			
Slate&Shells	Dark	Soft&Hard	2677	2740			
Sand	"	Hard	2740	2744			
Slate&Shells	"	Soft	2744	2805			
5th. Sand	"	Hard	2805	2823	Gas	2807'	
Slate	Dark	Soft	2823	2842			
Total Depth.....				2842			

March 24th, 1948

Date _____, 19____

PITTSBURGH & WEST VA GAS COMPANY.

APPROVED _____, Owner

By W. M. Masten
(Title)

The Philadelphia Company of West Virginia

Record of Well No. 4277 Located on T.M. Ellis Farm Mar, 30' 14. 19
 Court House District Lewis County West Virginia State
 Division Div 2nd District No. 13 Drilled under Well Order 795
 Rig built by John Craig Began Apr, 20th, 1914 Completed Apr, 25, 14. 19
 Well drilled by Wm Barnhart Began May, 2nd, 19 14 Completed July, 3rd, 19
 Depth of Well 2842 feet. Size of Hole 5-3/16" Producing Gas

Elev: 1300

CASED WITH

REMARKS

AMOUNT	SIZE	KIND	REMARKS
16'	13"	Wood.	
140ft	10"	Casing	Left in 140' & 10'
240'	8 1/2"	"	Exp. Parted 11 1/2' Ho. Ho. Packer Pulled
2010'	6-5/8"	"	1- 6-5/8" x 8 1/2" Bot hole packer Pulled 1534 Left in 72
2595	5-3/16"	"	1- 6-5/8" x 5-3/16" Bot Hole Packer Pulled 2414 Left in 151

COAL VEINS

FORMATIONS

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Big Lime	2000	2050				
Big Injun	2050	2188				
Gantz sand	2280	2310				
30ty foot	2405	2428				
50ty "	2440	2470				
Gordon Strayn	2590	2618				
Gordon Sand	2622	2636				
4th Sand	2638	2661				
Sand	2740	2744				
5th Sand	2805	2823		2807		Tested 3/10 Water Thro' 5-3/16" Casg

Plugged 6-14-14 to 6-16-14

Aggravel	2872-2615
Cement	2615-2653
Aggravel	2653-2040
Cement	2040-2030
Aggravel	2030-975
Cement	975-965
Aggravel	965-170
Cement	170-160
Aggravel	160-5
Cement	5-5 surface

Started using Fine Gas July 31-14 14
3- Openings used

465 M.F.

FIRST PRESSURE TEST IN 5-3/16" CASING

REMARKS

30 Sec.	0	lbs. Pres after shot, 0	in $\frac{1}{2}$	Well shot with 20 qts in 5th sand
1 Min.	0	"	5 "	27ft of anchor 1-4"x 8ft Shell
2 "	0	"	8 "	Bot of shot 2815, Top 2807
5 "	0	"	12 "	
10 "	17	"	16 "	Test after shot 100/10th Water
15 "	53 in 20 Min	"	23 "	Thro' 2" tubg
30 "		"	60 "	
Rock Pressure		245 " in 16 hours	120 "	421 McF

Taken July, 4th 19 14
 By H.J. McGilvray & Sheets

WELL TUBED AND PACKED 19

*Pushed 28.53
 2" tubg
 C-720*

FIRST PRESSURE TEST IN TUBING

REMARKS

30 Sec.	lbs.
1 Min.	"
2 "	"
5 "	"
10 "	"
15 "	"
30 "	"
Rock Pressure	550# in 24 hours

Taken 19
 By *John James*

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

- New Rig, 11591ft @ \$20.00 Per, M. John Collins, Roanoke, W.Va. \$231.82
- (1) New set 4 1/2" Parkersburg, Rig Irons Complete.
- (1) " " Ground Timbers, T.M. Ellis, Roanoke, W.Va. R.# 1 \$80.00

J. M. Ellis FORMATIONS #4277

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Red Rock		160				
Lime	160	300				
Red Rock	300	340				
Lime	340	450				
Red Rock	450	470				
Lime	470	505				
Red Rock	505	610				
Lime	610	625				
Slate	625	705				
Slate	705	715				
Slate	715	735				
Lime	735	765				
Red Rock	765	820				
Little Dunkard	820	870				
Slate	870	900				
Lime	900	930				
Big Dunkard	930	955				
Lime	955	1100				
Gas Sand	1100	1195				
Slate	1195	1197				
Lime	1197	1212				
Slate	1212	1235				
Sand 1st Salt.	1235	1305				
Slate	1305	1320				
Sand 2nd Salt.	1320	1400				
Slate	1400	1412				
Lime	1412	1480				
Slate & Shells	1480	1490				
Sand 3rd Salt	1490	1520		1520		
Slate	1520	1540				
Sand	1540	1600		1585		
Slate & Shells	1600	1745				
Red Rock	1745	1895				
Lime	1895	1915				
Red Rock	1915	1925				
Sand	1925	1930				
Red Rock	1930	1942				
Lime	1942	1962				
Slate	1962	1965				
Lime	1965	1978				
Slate	1978	1984				
Little Lime	1984	1994				
Pencil cave	1994	2000				
Big Lime	2000	2050				
Big Injun	2050	2188				
Slate & Shells	2188	2280				
Gantz Sand	2280	2310				
Slate & Shells	2310	2405				
Sand, Fifty Foot	2405	2428				
Slate	2428	2440				
Sand, Thirty Foot	2440	2470				
Slate	2470	2520				
Sand	2520	2546				
Slate	2546	2590				
Sand	2590	2618				
Slate	2618	2622				
Gordon Sand	2622	2636				
Red Rock	2636	2638				
Sand, Fourth	2638	2661				
Slate	2661	2665				
Lime	2665	2677				
Slate & Shells	2677	2740				
Sand	2740	2744				
Slate & Shells	2744	2805				
Sand, Fifth	2805	2823				
Total Depth		2842				