



Company PITTSBURGH & W.V.A. GAS CO.
 Address CLARKSBURG, W.V.A.
 Farm M.L. SMITH
 Tract _____ Acres 170 Lease No. 4912
 Well (Farm) No. 162 Serial No. 2082
 Elevation (Spirit Level) AS SHOWN
 Quadrangle CENTERPOINT S.W. 1
 County DODD RIDGE District GRANT
 Engineer Kenneth B. Moore
 Engineer's Registration No. _____
 File No. V-157 P 71 Drawing No. _____
 Date MAY 12, 1948 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. DOD-657-A-#4475

+ 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.

Grant District, Doddridge County, W. Va.
 By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va.
 Abandoned under permit Dod-.....-A?
 On 170 acres; Centerpoint S/W 1-1.
 Elevation, 964' V. A. (et. al., minerals),
 Surface and minerals owned by Charles B. Smith, /R. D. No. 2, Box 61,
 West Union, W. Va.
 Drilling commenced Oct. 9, 1916; completed Dec. 11, 1916.
 10" casing, 232' (pulled); 8 $\frac{1}{4}$ " 1223' (pulled); 6 $\frac{5}{8}$ " 2086'; 5 $\frac{3}{16}$ " 2832'.
 Coal was encountered at 282-284 and 760-765'.
 Gas well. Record to Dept. of Mines Dec. 11, 1944.
 Record to RCT from Mrs. Griffith Jan. 5, 1949. Old File No. 578.

	Top.	Bottom.
Clay, yellow, soft	0	11
Lime, light, hard	11	21
Red rock, soft	21	121
Sand, light, soft	121	141
Red rock, soft	141	282
Native coal, black, soft	282	284
Red rock, soft	284	314
Slate, black, soft	314	334
Red rock, light, soft	334	344
Lime, gray, hard	344	348
Red rock, soft	348	375
Sand, dark, hard	375	379
Red rock, soft	379	400
Slate, light, soft	400	450
Red rock, soft	450	470
Sand, light, hard	470	546
Slate, light, soft	546	550
Red rock, soft	550	560
Lime, gray, hard	560	580
Red rock, soft	580	605
Lime, light, hard	605	625
Slate, light, soft	625	675
Red rock, light, soft	675	740
Sand, light, hard	740	750
Slate, light, soft	750	760
Pittsburgh Coal, black, soft	760	765
Slate, black, soft	765	770
Lime, light, hard	770	808
Slate, black, soft	808	824
Sand, light, soft	824	856
Slate, light, soft	856	865
Lime, light, hard	865	870
Slate, light, soft	870	880
Lime, light, hard	880	928
Red rock, dark, soft	928	968
Slate, light, soft	968	1040
Sand, light, hard	1040	1080
Slate, dark, soft	1080	1130
Sand, dark, hard	1130	1145
Lime, gray, hard	1145	1165
Slate, dark, soft	1165	1228
Big Dunkard Sand, light, hard	1228	1300

(OVER)

	Top.	Bottom.
Slate, light, soft	1300	- 1315
Gas Sand, light, hard	1315	- 1378
Slate, light, soft	1378	- 1382
1st Salt Sand, light, hard	1382	- 1435
Slate, light, soft	1435	- 1450
2nd Salt Sand, light, hard	1450	- 1500
Sand and slate, dark, medium	1500	- 1590
Sand, dark, hard	1590	- 1710
Slate, dark, soft	1710	- 1776
Sand, light, hard	1776	- 1806
Slate, dark, soft	1806	- 1837
Maxton Sand, light, hard	1837	- 1876
Slate and shells	1876	- 1906
Little Lime	1906	- 2012
Blue Monday Sand	2012	- 2057
Big Lime	2057	- 2150
Big Injun Sand (gas, 2165 and 2223')	2150	- 2255
Slate and shells	2255	- 2410
Gantz Sand	2410	- 2555
Slate and shells	2555	- 2630
50-Ft. Sand	2630	- 2648
Unrecorded	2648	- 2825
Gordon Stray Sand	2825	- 2830
Gordon Sand (gas, 2848')	2830	- 2852
Unrecorded	2852	- 2869
Total depth		2869



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

578

WELL RECORD

Permit No. 657-A

Oil or Gas Well **"GAS"**
(KIND)

Company Pittsburgh & West Va Gas Company.
Address Clarksburg, West Va.,
Farm Martha L. Smith Acres 170
Location (waters) Centerpoint S/W. 1-1
Well No. 4475 Elev. 964' VA
District Grant County Doddridge
The surface of tract is owned in fee by Charles B. Smith
R.D.#2, Box 61 Address West Union, W. Va.
Mineral rights are owned by Charles B. Smith et al.
R.D.#2, Box 61 Address West Union, W. Va.
Drilling commenced October 9, 1916
Drilling completed December 11, 1916
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16.			
13.			
10.	<u>232'</u>	<u>None</u>	Size of
8 3/4.	<u>1223'</u>	<u>None</u>	
6 3/4.	<u>2086'</u>	<u>2086'</u>	Depth set
5 3/16.	<u>2832'</u>	<u>2832'</u>	
3.			Perf. top
2.			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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 CEMENTED _____ SIZE _____ No. Ft. _____ Dat _____
COAL WAS ENCOUNTERED AT 282 FEET 24 INCHES
760 FEET 60 INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	Yellow	Soft	0	11			
Lime	Light	Hard	11	21			
Red Rock	Red	Soft	21	121			
Sand	Light	"	121	141			
Red Rock	Red	"	141	282			
Native Coal	Black	"	282	284			
Red Rock	Red	"	284	314			
Slate	Black	"	314	334			
Red Rock	Light	"	334	344			
Lime	Grey	Hard	344	348			
Red Rock	Red	Soft	348	375			
Sand	Dark	Hard	375	379			
Red Rock	"	Soft	379	400			
Slate	Light	"	400	450			
Red Rock	Red	"	450	470			
Sand	Light	Hard	470	546			
Slate	"	Soft	546	550			
Red Rock	Dark	"	550	560			
Lime	Grey	Hard	560	580			
Red Rock	Light	Soft	580	605			
Lime	"	Hard	605	625			
Slate	"	Soft	625	675			
Red Rock	Light	"	675	740			
Sand	Light	Hard	740	750			
Slate	"	Soft	750	760			
Pgh. Coal	Black	"	760	765			
Slate	"	"	765	770			
Lime	Light	Hard	770	808			
Slate	Black	Soft	808	824			
Sand	Light	"	824	856			
Slate	"	"	856	865			
Lime	"	Hard	865	870			
Slate	"	Soft	870	880			
Lime	"	Hard	880	928			
Red Rock	Dark	Soft	928	968			
Slate	Light	"	968	1040			
Sand	"	Hard	1040	1080			
Slate	Dark	Soft	1080	1130			
Sand	"	Hard	1130	1145			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Line	Gray	Hard	1145	1165			
Slate	Dark	Soft	1165	1228			
Big Dunkard	Light	Hard	1228	1300			
Slate	"	Soft	1300	1315			
Gas Sand	"	Hard	1315	1378			
Slate	"	Soft	1378	1382			
1st. Salt Sand	"	Hard	1382	1435			
Slate	"	Soft	1435	1450			
2nd. Salt Sand	"	Hard	1450	1500			
Sand & Slate	Dark	Medium	1500	1590			
Sand	"	Hard	1590	1710			
Slate	Dark	Soft	1710	1776			
Sand	Light	Hard	1776	1806			
Slate	Dark	Soft	1806	1837			
Maxon Sand	Light	Hard	1837	1876			
Slate&Shells			1876	1906			
Little Lime			1906	2012			
Blue Monday			2012	2057			
Big Lime			2057	2150			
Big Injun			2150	2255	Gas	2165'	
Slate&Shells			2255	2410	Gas	2223'	
Gants Sand			2410	2555			
Slate&Shells			2555	2630			
50 Ft. Sand			2630	2648			
Un-recorded			2648	2825			
Gordon Stray			2825	2830			
Gordon Sand			2830	2852	Gas	2848'	
Un-recorded			2852	2869			
Total Depth				2869			

December 11, 1944

Date _____, 194

PITTSBURGH & WEST VA GAS COMPANY.

APPROVED _____

Owner

By W. G. Masten
(Title)