



Company PITTSBURGH & W.VA. GAS CO.
 Address CLARKSBURG, W.VA.
 Farm J. M. CORDRAY
 Tract _____ Acres 100 Lease No. 24831
 Well (Farm) No. 1 E, 2 Serial No. 6179
6180
 Elevation (Spirit Level) N^o1 = 1260' N^o2 = 1309'
 Quadrangle MANNINGTON S.W. 4³
 County MARION District MANNINGTON
 Engineer Kenneth B. Moore
Approved By J. E. Borden
 Engineer's Registration No. 764
 File No. VOL. 163 P39 Drawing No. SW
 Date JUNE 27, 1950 Scale 1" = 300'

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

WELL LOCATION MAP
 FILE NO. MAR-668-A-~~##~~ 6180
MAR-676-A-# 6179

+ 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.

Mannington District, Marion County, W. Va.

By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va. (Well purchased from South Penn Natural Gas Co.)

Abandoned under permit Mar-.....-A?

On 100 acres; Mannington S/W 4-3.

Elevation, 1309' L.

Surface owned by Walter F. Cordray, and minerals by Walter F. Cordray, Agent, R. D. No. 2, Mannington, W. Va.

Drilling commenced May 23, 1918; completed July 12, 1918.

10" casing, 370'; 8" casing, 1517'; 6" casing, 2141'; 5" casing, 2945'; all left in.

Coal was encountered at 880-885 and 982-985'.

Oil well. Record to Dept. of Mines dated June 26, 1950.

Record to RGT from Mrs. Griffith June 24, 1951. Old File No. 773.

	Top.	Bottom.
Bluff Sand	580	- 612
Mapletown (Sewickley) Coal	880	- 885
Pittsburgh Coal	982	- 985
Little Dunkard Sand (water, 1110')//	1380	- 1420
Big Dunkard Sand	1485	- 1550
1st Salt Sand (gas, 1786') (water, 1784')	1774	- 1840
2nd Salt Sand	1950	- 2050
Haxton Sand	2114	- 2223
Big Lime	2228	- 2279
Big Injun Sand (gas, 2285-2294'; gas, 2395'; water, 2395')	2279	- 2430
Fifty-foot Sand (gas, 2948')	2918	- 2954
Thirty-foot Sand (show oil, 2997')	2987	- 3009
Boulder Sand	3071	- 3093
Gordon Stray Sand	3098	- 3132
Gordon Sand (gas, 3134')///	3138	- 3153
4th Sand	3155	- 3176
5th Sand	3215	- 3244
Boyard shells (oil ?)	3420	- 3426
Total depth		3440



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

"OIL"

Ab 668-A

Permit No. 668-A Well purchased from South Farm Nat. Gas Company. Oil or Gas Well "OIL"
(KIND)

Company Pittsburgh & West Va Gas Company
Address Clarksburg, West Va.
Farm J. M. Cordray Acres 100
Location (waters) Mann. S/W. 4-3
Well No. 6180 Elev. 1309'
District Hannington County Marion
The surface of tract is owned in fee by Walter P. Cordray
Address Hannington, W.Va.
Mineral rights are owned by Walter P. Cordray-Agent
Address Hannington, W.Va.

Drilling commenced May 23rd, 1918
Drilling completed July 12th, 1918
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			Kind of Packer
16			
13			
10	370'	370'	Size of
8 1/4	1517'	672'	
6 1/2	2141'	2141'	Depth set
5 3/16	2945'	616'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date
COAL WAS ENCOUNTERED AT 830 FEET 60 INCHES
932 FEET 36 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Bluff Sand			580	612			
M.T. Coal			630	685			
Fgh. Coal			922	985			
Little Durkard			1300	1420	Water	1110'	
Big Durkard			1485	1550			
1st. Salt Sand			1774	1940	Gas	1786'	
2nd. Salt Sand			1950	2050	Water	1784'	
Horton Sand			2114	2223			
Big Lime			2228	2279			
Big Injun Sand			2279	2430	Gas	2285-2294'	
Fifty Foot Sand			2918	2954	Gas	2395'	
Thirty Foot Sand			2987	3009	Water	2395'	
Boulder Sand			3071	3093	Gas	2948'	
Gordon Stray			3093	3132	Gas	3134'	
Gordon Sand			3138	3153	Sh. Oil	2997'	
4th. Sand			3155	3176			
5th. Sand			3215	3244			
Bayard Shells			3420	3426	OIL		
Total depth.....				3440			



