



DISTRICT  
QTR QUADRANGLE  
LEAD EXPIRES

M. TEAGARDEN

M. TEAGARDEN

E. B. HUPP

M. J. HIGGINBOTHAM

T. RUSH HRS.

F. SMITH

C. W. MOORE

80-A

NO. 5281

SCALE - 1" = 500'

ENGINEER'S CERTIFICATE

I THE UNDERSIGNED HEREBY CERTIFY THAT THIS MAP IS CORRECT AND SHOWS ALL THE INFORMATION TO THE BEST OF MY KNOWLEDGE AND BELIEF REQUIRED BY THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA

*[Handwritten Signature]*

Church District, Wetzel County, W. Va.

By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va.

Abandoned under permit Wet-22.

On 80 acres, surface owned by M. J. Higginbotham, R. F. D. No. 1,  
Glover Gap, W. Va., and minerals by M. J. Higginbotham et al.,  
Glover Gap, W. Va.

Completed January 5, 1918.

Elevation, 1215' L.

13" wood conductor, 13'; 10" casing, 260'; 8 1/2", 1387'; 6 3/8", 2127'.

Anchor packer, 10 x 8 1/2, set at 1040'.

Anchor packer, 8 1/2 x 6 3/8, set at 2041'.

Coal was encountered at 830-835 and 924-932'.

Abandonment reported to Dept. of Mines July 26, 1930.

Located Sept. 25, 1917; started drilling Oct. 24, 1937;  
completed drilling Jan. 5, 1918.

Well was not shot.

Fresh water at 370'.

Salt water at 1702 and 1732'.

6 3/8" hole. Gas well.

Record to EGT from Mrs. Griffith Sept. 10, 1938.

	Top.	Bottom.	Thickness.
Clay, yellow, soft	0	40	40
Slate, white, soft	40	270	230
Slate, dark, soft (water, 370')	270	380	110
Lime, white, hard	380	400	20
Slate, dark, soft	400	450	50
Slate, white, soft	450	520	70
Bluff Sand, white, hard	520	555	35
Slate, white, soft	555	640	85
Lime, white, hard	640	830	190
Coal, black, soft, Mapletown (Sewickley)	830	835	5
Lime, white, hard	835	915	80
Slate, black, soft	915	924	9
Coal, black, soft, Pittsburgh	924	932	8
Lime, white, hard	932	940	8
Slate, white, soft	940	962	22
Lime, white, hard	962	977	15
Slate, white, soft	977	1028	51
Murphy Sand, white, hard (gas, 1050-55')	1028	1070	42
Slate, white, soft	1070	1190	120
Red rock, soft	1190	1215	25
Slate, white, soft	1215	1312	97
Little Dunkard Sand, white, hard	1312	1335	23
Slate, white, soft	1335	1350	15
Lime, white, hard	1350	1373	25
Slate, white, soft	1375	1384	9
Big Dunkard Sand, white, hard	1384	1444	60
Slate, dark, soft	1444	1555	111
Gas Sand, white, hard	1555	1625	70
Slate, black, soft	1625	1690	65
1st Salt Sand, white, hard (gas, 1693- 1695'; (water, 1702', 1 bailer; water, 1732', 2 bailers)	1690	1782	92
Slate, black, soft	1782	1890	108
2nd Salt Sand, white, hard	1890	1965	75
Slate, black, soft	1965	2037	72
Merton Sand, white, hard (gas, 2047-50')	2037	2111	74

	Top.	Bottom.	Thickness.
Slate, white, soft	2111	- 2112	1
Big Lime, white, hard	2112	- 2196	84
Slate, black, soft	2196	- 2197	1
Big Injun Sand, white, hard (gas, 2208- 2212'; break from 2380-82')	2197	- 2391	194
Slate, dark, soft	2391	- 2900	509
Fifty-foot Sand, white, hard (break from 2906-12')	2900	- 2925	25
Slate, dark, soft	2925	- 2962	37
Thirty-foot Sand, white, hard (gas, 2977-81')	2962	- 2998	36
Slate, white, soft	2998	- 3022	24
Gordon Sand, white, hard (gas, 3066')	3022	- 3083	61
Slate, white, soft	3083	- 3107	24
4th Sand, white, hard (gas, 3123-36')	3107	- 3135	28
Slate, white, soft	3135	- 3138	3
Slate, dark, soft	3138	- 3148	10
Lime, hard	3148	- 3160	12
Slate, dark, soft	3160	- 3168	8
5th Sand, light, hard (oil show, 3175') (gas show, 3175') (break from 3190-93')	3168	- 3197	29
Slate, dark, soft	3197	- 3214	17
Slate, dark, soft	3214	- 3227	13
Lime, dark, hard	3227	- 3272	25
Slate, dark, soft	3272	- 3282	10
Lime, dark, hard	3282	- 3292	10
Slate, dark, soft	3292	- 3351	59
Lime, dark, hard	3351	- 3357	6
Slate-Shell, dark, soft	3357	- 3367	10
Lime, dark, hard (SLM)	3367	- 3400	33
Total depth (SLM)		3400	