



New Location   
 Drill Deeper .....  
 Abandonment .....

Company	MERRITTS CREEK GAS CO.
Address	CHARLESTON W. VA.
Farm	A. ARNOLD
Tract	1
Acres	50
Lease No.	74
Well (Farm) No.	1
Serial No.	35
Elevation (Spirit Level)	590
Quadrangle	GUYANDOT
County	CABELL
District	BARBOURSVILLE
Engineer	S. V. HAWORTH
Engineer's Registration No.	224
File No.	
Drawing No.	
Date	1-2-40
Scale	1" = 500'

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

WELL LOCATION MAP  
 FILE NO. CAB-398

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W E L L R E C O R D

Permit No. Cab-398  
Guyandot Quad.

Gas Well

Company	Merritts Creek Gas Co.	CASING & TUBING
Address	1200 Union Bldg., Charleston, W. Va.	10-3/4 17 17
Farm	A. Arnold AGRS 50	8-1/4 (24#) 633
Well No.	M-35 ELEV. 590	6-5/8 1722-10 1722-D
District	Barboursville - Cabell County	5-3/16 413-9 413-9
Surface & Mineral	A. Arnold, RL, Barboursville, W. Va.	No packer
Commenced	Jan. 13, 1941	
Completed	Mar. 14, 1941	Coal at 475' 36"
Shot	3/11/41-3/13/41 - depth 2890-3210 2144-2157	

Open Flow	5/10 W 2"
Volume	94,000 c.f.
Rock Pressure	370 # 24 hrs. - 420# 80 hrs.
Fresh Water	760
Salt Water	1110

Red Clay	0	6	
Limestone - hard	6	55	
Red Rock	55	65	
Sand	65	95	
Slate	95	330	
Red Rock	330	340	
Slate & Shells	340	475	
Coal	475	478	
Slate - white	478	480	
Lime Shell	480	490	
Slate	490	510	
Sand	510	628	
Slate	628	750	
Sand	750	795	
Slate	795	840	W 760 - 2 blrs.
Sand	840	860	
Slate	860	995	
Sand	995	1018	
Slate	1018	1060	
Salt Sand	1060	1234	HFV 1110
Slate - black	1234	1328	
Little Lime	1328	1353	
Pencil Cave	1353	1357	
Big Lime	1357	1538	
Slate	1538	1590	
Injun Sand	1590	1683	
Gritty Lime	1683	1697	
Slate	1697	1712	
Lime - black	1712	1728	SLM 1714
Slate	1728	2134	
Shale - brown	2134	2144	
Berea	2144	2157	S/G 2150' - 29,800 c.f. SLM 2149
Slate	2157	2180	
Red Rock	2180	2200	
Lime Shell	2200	2230	
Shale - brown	2230	2252	
Slate & Shells	2252	2445	
Lime	2445	2470	
Slate	2470	2870	
Shale - brown	2870	2912	SLM 2877
Slate - white	2912	2953	
Shale - brown	2953	3040	Little Gas at 3000' - 14,900 c.f.
Slate - white	3040	3085	
Shale - brown	3085	3202	Little gas at 3100' & 3130' - 14,900 c.f. each gauge
Slate - white	3202	3215	
Total Depth		3215	

$$\begin{array}{r} 1538 \\ 1357 \\ \hline 181 \end{array}$$

$$\begin{array}{r} 1538 \\ 596 \\ \hline 948 \end{array}$$

$$\begin{array}{r} 1234 \\ 1060 \\ \hline 174 \end{array}$$

270

$$\begin{array}{r} 1590 \\ 59 \\ \hline 1000 \end{array}$$