



New Location X  
 Drill Deeper  
 Abandonment

Company	UNITED FUEL GAS CO.		
Address	CHARLESTON, W.VA.		
Farm	S. R. MILLER		
Tract	Acres 164	Lease No.	41036
Well Farm No	L	Serial No.	4981
Elevation (Spirit Level)	1012.10		
Quadrangle	KENNA <i>SPC</i>		
County	JACKSON	District	RIPLEY
Engineer			
Engineer's Registration No.	659		
File No.	60-75	Drawing No.	
Date	NOV. 4, 1940	Scale	1" = 660'

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

WELL LOCATION MAP  
 FILE NO. **JAC-105**

+ 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.

6-6-1942

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

Permit No. Jac-105  
Kenna Quad.

Gas Well

Company United Fuel Gas Co.  
Address Box 1256, Charleston, W. Va.  
Farm S. R. Miller ACRES 164  
Location Dog Fk. of Left Fk. of Poca River  
Well No. 4981 ELEV. 1012.10  
District Ripley - Jackson County  
Surface & Mineral S. R. Miller, Rt. Kenna, W. Va.  
Commenced Dec. 13, 1940  
Completed April 13, 1941  
Shot Not Shot  
Open Flow - *4500 mcf Vol XVI*  
Volume -  
Rock Pressure -  
Fresh Water 1070  
Salt Water 1650

CASING & TUBING

14	469	pulled
10	1017	1017
8-1/4	2283	2283
7	5216	5216

Surface	0	16	Slate & Shells	1405	1575
Clay	16	30	Sand	1575	1620
Sand	30	60	Slate	1620	1630
Red Rock	60	80	- Salt Sand <i>600mcf</i>	1630	2175 W 1650
Blue Mud	80	85	Slate	2175	2180
Red Rock	85	125	- Injun Sand	2180	2231
Blue Mud	125	139	Slate	2231	2250
Red Rock	139	150	Shell	2250	2258
Slate	150	160	Slate&Shells	2258	2600
Sand	160	180	- Brown Shale	2500	2604
Slate	180	200	- Berea	2604	2616
Broken Sand	200	355	Slate&Shells	2616	3800 Show gas at 2616
Red Rock	355	445	Brown Shale <i>441</i>	3800	3870
Blue Mud	445	452	White Slate	3870	4090
Red Rock	452	465	Brown Shale	4090	4123
White Slate	465	475	White Slate	4123	4180
Sand	475	495	Brown Shale	4180	4383
Slate	495	525	White Slate	4383	4527
Sand	525	550	Brown Shale	4527	4550
Slate	550	562	White Slate	4550	4795
Red Rock	562	570	Brown Shale	4795	5055
Slate	570	606	White Slate	5055	5065
Sand	606	630	- Black Shale - <i>Marcellus</i>	5065	5148
Red Rock	630	665	- Corniferous Lime - <i>463</i>	5148	5241
Slate&Shells	665	690	- Oriskany Sand	5241	5292
Sand	690	735	- Lime - <i>Need</i>	5292	5294
Red Rock	735	820	Total Depth	<i>485</i>	5294
Slate	820	850			
Sand	850	885			
Red Rock	885	900			
Sand	900	920			
Red Rock	920	940			
White Mud	940	991			
Black Slate	991	1011 W 1070			
Sand	1011	1106			
Slate	1106	1121			
Sand	1121	1135			
Black Slate	1135	1150			
Sand	1150	1206			
Slate	1206	1215			
Sand	1215	1275			
Slate	1275	1297			
Sand	1297	1370			
Slate	1370	1380			
Sand	1380	1405			

5148	5241	5292
1012	1012	1012
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4136	4229	4280