



New Location X
 Drill Deeper
 Abandonment

0.675
 2.95
 2.92-wa

Company	UNITED FUEL GAS CO.
Address	CHARLESTON, W.VA.
Farm	C.W. & S.G. STARCHER
Tract	Acres 1172 Lease No. 10496
Well (Farm) No.	10 Serial No. 5100
Elevation (Spirit Level)	844.6
Quadrangle	KENNA
County	JACKSON District WASHINGTON
Engineer	<i>M.C. Cunningham</i>
Engineer's Registration No.	659
File No.	60-85 Drawing No.
Date	MAR. 16, 1942 Scale 1"=1320'

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

WELL LOCATION MAP
 FILE NO. JAC-315

+ 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-315

Company United Fuel Gas Co.
Address Box 1273, Charleston, W. Va.
Farm C.W. & S.G. Starcher Acres 1172
Location Tug Fork of Mill Creek
Well No. 5100 Elev. 844.6
District Washington Jackson County
Surface ~~C.W. & S. G. Starcher, Riploy, W. Va.~~
Commenced April 23, 1942
Completed July 22, 1942
Not shot
Volume Gas Well
Rock Pressure 1550 lbs. 48 hrs.
Fresh Water 250⁰ 2 blr. pr. hr.; 710⁰ $\frac{1}{2}$ blr. pr. hr.
Salt Water 1715 Hole Full; 1730⁰

Gas Well

CASING & TUBING
13 3/8 614 614
10 1214 1214
8 2108 2108
7 5098 5098

16, 230 mcf; R.P. 1550 lbs - Vol. XVI

Surface	0	16	Brown Shale - 441	3690	3870
Red Rock	16	200	Slate & Shells	3870	4110
Sand	200	290	Shale	4110	4345
Slate	290	310	Slate	4345	4485
Red Rock	310	340	Shale	4485	4514
Sand	340	355	Slate & Shells	4514	4740
Red Rock	355	365	Shale	4740	4850
Slate	365	400	Lime Shells	4850	4910
Lime	400	455	Shale	4910	5025
Slate & Shells	455	578	Black Shale - MARCELLUS	5025	5083
Sand	578	587	Corniferous Lime - 463	5083	5187
Red Rock	587	588	Oriskany Sand	5187	5200
Slate	588	620	TOTAL DEPTH		5200
Red Rock	620	640			
Sand	640	695	Gas 5183-5200		
Red Rock	695	750			
Slate	750	768			
Red Rock	768	798			
Lime	798	820			
Red Rock	820	845			
Slate	845	865			
Lime	865	875			
Slate	875	890			
Lime	890	905			
Sand	905	925			
Slate	925	950			
Sand	950	990			
Slate	990	1010			
Red Rock	1010	1030			
Slate	1030	1127			
Sand	1127	1208			
Shale	1208	1223			
Sand	1223	1300			
Slate & Shells	1300	1403			
Sand	1403	1423			
Slate & Shells	1423	1507			
Sand	1507	1527			
Shale	1527	1579			
Sand	1579	1705			
Salt Sand	1705	1860			
Black Lime	1860	1875			
Little Lime	1875	1900			
Sand	1900	1907			
Blue Lime - Big	1907	2020			
Injun	2020	2104			
Shale	2104	2106			
Lime Shells	2106	2110			
Shale	2110	2182			
Lime	2182	2210			
Slate & Shells	2210	2495			
Brown Shale	2495	2500			
Berea	2500	2508			
Slate & Shells	2508	3690			