



Company UNITED FUEL GAS CO.
 Address CHARLESTON, W.VA.
 Farm W. H. NORMAN ET AL
 Tract _____ Acres 48 Lease No. 40972 B
 Well (Farm) No. 1 Serial No. 5232
 Elevation (Spirit Level) 813.67
 Quadrangle RIPLEY - SC
 County JACKSON District WASHINGTON
 Engineer G.A.O. Ingram
 Engineer's Registration No. 659
 File No. 62-87 Drawing No. _____
 Date MAR 5, 1943 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. JAC-442

+ 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.

"IMPERIAL" TRACING CLOTH
 K & E CO., N. Y.
 66192 Deep Well

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

Gas Well
CASING & TUBING

Permit No. Jac 442	United Fuel Gas Company			
Ripley Quad.	Box 1273, Charleston, 25, W.Va.			
Company	W.H. Norman et al Acres 186	13	700	Pulled
Address	Little Grass Run of Tug Fork	10	1184	"
Farm	5232 Elev. 813.67	8 1/2	2100	2100
Location	Washington Jackson County	6 5/8	5065	5065
Well No	M.H. Norman et al, Parkersburg, W.Va.			
District	Same	2		5194
Surface	Aug. 19, 1943			
Mineral	March 19, 1944			Coal at 855' 24"
Commenced	3-23-44 Depth 5169 to 5190			
Completed	with 60 qts.			
Date shot	Gas Well - 862,000			
Volume	200' 656-680 -5 BPH ; 1/2 BPH			
Fresh Water	879, 1160-1177, 1 BPH; 1282 H.F.			
Salt Water				

Red Rock	0	45	
Sand	45	60	
Red Rock	60	200	
Sand	200	280	
Red Rock	280	470	
Slate & Shells	470	550	
Red Rock	550	575	
Blue Slate	575	636	
Sand - 1/2 P.H. Sand	636	687	
Slate & Shells	687	700	
Red Rock	700	726	
Slate & Shells	726	778	
Red Rock	778	807	
Pink Rock	807	827	
Slate	827	855	
Coal	855	857	
Slate & Shells	857	870	
Sand	870	901	
Slate	901	914	
Red Rock	914	945	
Sand	945	960	
Slate	960	973	
Red Rock	973	982	
Slate	982	1032	
Sand - Big Dunkard	1032	1177	
Slate & Shells	1177	1223	
Sand	1223	1448	
Slate & Shells	1448	1610	
Salt Sand	1610	1692	Oil 1612 Show
Slate	1692	1701	Oil 1822 Show
Sand	1701	1845	Oil 1860 Show
Big Lime	1845	1946	
Little Lime	1946	1975	
Big Injun	1975	2050	
Slate	2050	2055	
Gritty Lime	2055	2210	
Slate & Shells	2210	2435	
Brown Shale	2435	2442	
Berea Grit	2442	2452	Gas show
Slate & Shells	2452	3695	
Brown Shale - 44)	3695	3790	
Blue Slate	3790	3850	
White Slate	3850	4002	
Brown Shale	4002	4300	
White Slate	4300	4470	
Brown Shale	4470	4501	
White Slate	4501	4800	
Brown Shale	4800	5049	
Corniferous Lime - 463	5049	5175	
Oriskany Sand	5175	5194	Gas 5176-5179
TOTAL DEPTH		5194	

475