



Company	United Fuel Gas Co.
Address	Charleston, W. Va.
Farm	J.T. Morrison et al
Tract	Acres 240 Lease No. 39084
Well (Farm) No.	1 Serial No. 4773
Elevation	760 B.
Quadrangle	Milton - SW
County	Lincoln District Shoridan
Engineer	G.A. Cunningham
Engineer's Registration No.	659
File No.	32-57 Drawing No.
Date	Aug. 31, 1937 Scale 1"=660'

STATE OF WEST VIRGINIA  
 Department of Mines  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP

File No. L118-230

+ 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.

J. T. Morrison No. 4773 Well.

Sheridan District, Lincoln County, W. Va.

By United Fuel Gas Company.

Permit No. Lin-230.

Elevation, 760' L.

126 M. cu. ft. gas; R. P., 250 lbs.

Located 0.22 mi. S. of 38° 20' and 0.7 mi. W. of 82° 10'—SW—Milton  
Quadrangle.

On northern branch of Bear Creek.

2.43 mi. N. E. of Salt Rock; 1.2 mi. S. W. of Prairietown.

	Top.	Bottom.	Thickness.	Elevation (top)
Big Lime -----	1345	1505	160	— 585
Big Injun Sand-----	1505	1565	60)	— 745
	1575	1645	70)	
Berea Sand -----	2119	2131	12	—1359
Corniferous Lime-----	3719	3721	2+	—2959

Thickness, Devonian Shales, 1588 feet.

Total depth, 3721'.

Remarks: Completed Nov. 13, 1937.

Shot at 2119' and 3077'.

Fresh water, 145'.

Gas in Big Lime, Berea, and Brown Shale.

On 240 acres.

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL RECORD

Permit No. Lin-230

Gas Well

Milton Quad.

CASING & TUBING

Company	United Fuel Gas Co.	10	15	15
Address	Charleston, W.Va.	8 1/2	278	278
Farm	J.T.Morrison Acres 240	6 5/8	1693	1693
Location	Bear Creek			
Well No.	4773 Elev. 760			
District	Sheridan County Lincoln			
Surface	J.T.Morrison Heirs, Salt Rock, W.Va.			PACKER
Mineral	Same	Kind	Bottom Hole	
Drilling	Commenced Sept. 15, 1937	Size	6 5/8 x 8 1/4 x 10	
	Completed Nov. 13, 1937	Depth	1708	
Date Shot	11-16- & 17-37 Depth 2119 & 3077			
Volume	126,000 Cu.Ft. A.S.			
Rock Press.	250# 48 hrs.			

Formation	Color	H <sub>2</sub> O	TOP	Base	Result	Formation	Color	H <sub>2</sub> O	TOP	Base	Result
Surface			0	15							
Sand			15	80							
Slate	Black		80	270	Water						
Sand	White		270	390	145'						
Slate	Black		390	440							
Sand	White		440	510							
Slate	Black		510	525							
Sand	White		525	625							
Slate	White		625	650							
Slate	Blue		650	670							
Sand	Broken		670	950							
Sand	Salt		950	1230							
Slate&Shells			1230	1250							
Sand & Shells			1250	1270							
Slate	Blue		1270	1280							
Slate	Red		1280	1290							
Sand -Maxon			1290	1315							
Slate	Blue		1315	1320							
Little Lime			1320	1342							
Pencil Cave			1342	1345							
Big Lime			1345	1505	Gas						
Koerner Sand			1505	1565							
Sand, Broken			1565	1575							
Sand, In jun			1575	1645							
Slate&Shells			1645	1682							
Shell	Black		1682	1712							
Shell&Slate			1712	1815							
Shell			1815	1890							
Slate&Shells			1890	2030							
Sand	White		2030	2042							
Slate&Shells			2042	2105							
Shale	Brown		2105	2119							
Berea Sand			2119	2131	Gas						
Shell	Brown		2131	2200	Gas						
Slate&Shells			2200	2445							
Shale	Brown		2445	2590							
Slate&Shells			2590	2750							
Shale	Brown		2750	2810							
Slate&Shells			2810	2990							
Shale	Brown		2990	3020							
Slate	White		3020	3065							
Shale	Brown		3065	3330							
Slate	White		3330	3440							
Shale	Brown		3440	3460							
Slate	White		3460	3600							
Shale	Brown		3600	3719							
Corniferous	Lime		3719	3721							

3719  
260  
2959