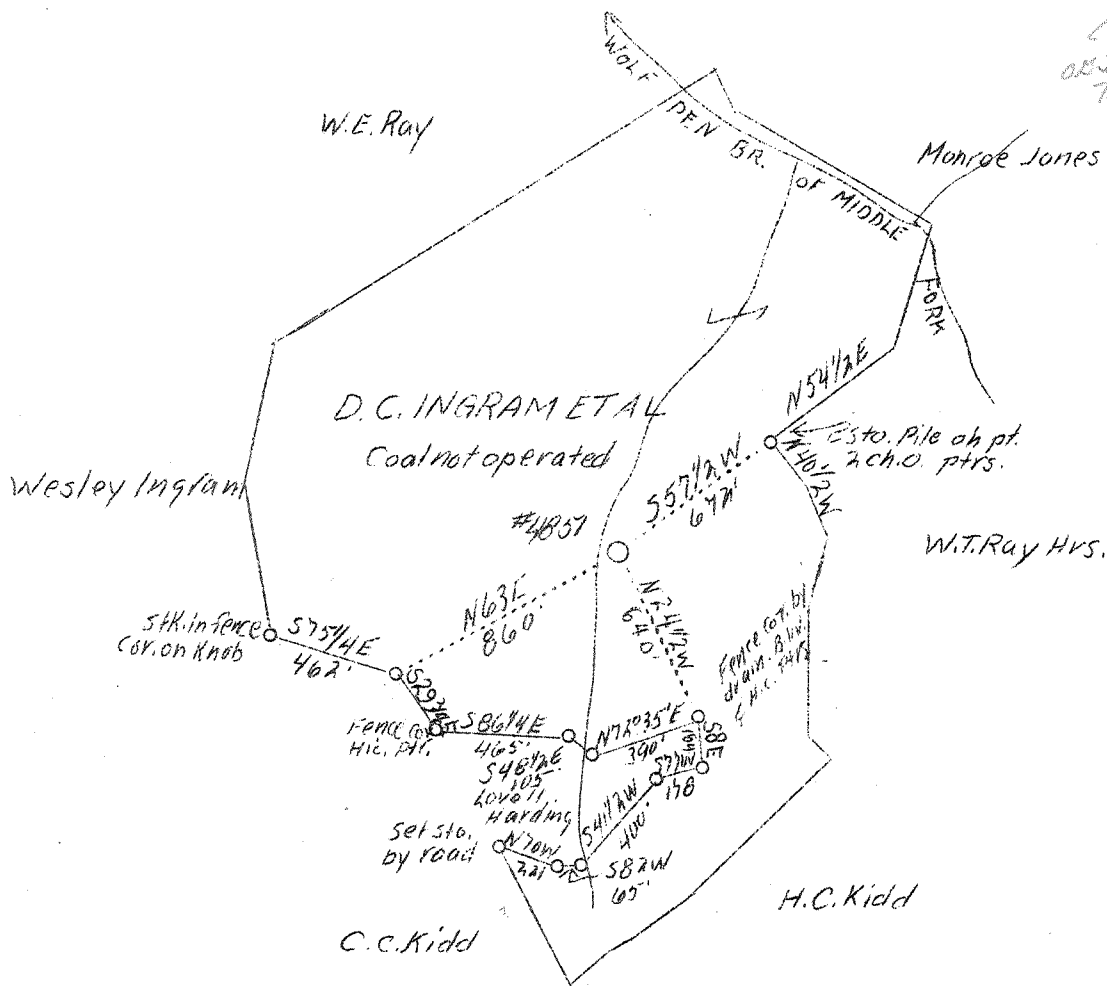


LATITUDE 38° 35'

LONGITUDE 81° 35'

$\frac{0.815 \text{ } 75' \text{ } 100}{38^{\circ} 35' \text{ } .985} \quad \frac{15'}{.985}$
 $\frac{81^{\circ} 35' \text{ } .370}{.370}$



ASD
 8/11/44

.4 S
 195 W

Company	United Fuel Gas Co.
Address	Charleston, W.Va.
Farm	D.C. Ingram Et Al
Acres	90
Lease No.	40466
Serial No.	4851
Well (Farm) No.	1
Quadrangle	Kenna <i>zei</i>
County	Kanawha
District	Poca
Eng.	G.A. Cunningham
Eng. Reg. No.	659
File No.	64 - 73
Date	5/24/39
Scale	1" = 660'

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

WELL LOCATION MAP

File No. Kan-635

x Denotes location of well on U.S. 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.

DEEP

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Kan-535

Kenna Quad.

Gas Well

CASING & TUBING

Company	United Fuel Gas Co.	13	249	249
Address	Charleston, W. Va.	10	688	688
Farm	D. C. Ingram et al ACRES 90	8-5/8	1920	1920
Location	Fold Pen Br. of Middle Fork	7	4965	4965
Well No.	4851 ELEV. 812.5			
District	Poca - Kanawha County			
Surface & Mineral	D. C. Ingram, et al, Charleston, W.Va.			
Commenced	July 14, 1939			
Completed	Oct. 22, 1939			
Date shot	10/25/39 - Depth 5100			
Open Flow	-			
Volume	Gas Well 2516 mcf - Vol XVI			
Rock Pressure	-			
Fresh Water	225			
Salt Water	1308 - 1388			

Formation Color $\frac{H}{S}$		Top Base Result		Formation Color $\frac{H}{S}$		Top Base Result	
		0	16				
Cond.		16	25				
Red Rock		25	37				
Lime		37	65				
Red Rock		65	153				
Slate & Shells		153	220				
Blue Mud		220	250	W 225			
Sand		250	275				
Blue Mud		275	300				
Red Rock		300	310				
Sand		310	320				
Slate		320	505				
Red Rock		505	535				
Slate		535	583				
Red Rock		583	622				
Slate		622	835				
Sand		835	853				
Black Slate		853	894				
Sand		894	909				
Slate		909	1032				
Sand		1032	1073				
Slate & Shells		1073	1123				
Sand		1123	1280				
Slate & Shells		1280	1650	W 1308 & 1388			
Salt Sand		1656	1684				
Little Lime		1684	1688				
Slate		1688	1826				
Big Lime		1826	1796?				
Injun Sand		1796?	2285				
Slate & Shells		2285	2299				
Brown Shale		2299	2300				
Berea Sand		2300	3530				
Slate & Shells		3530	3560				
Brown Shale		3560	3625				
White Slate		3625	3935				
Slate & Shells		3935	4157				
Brown Shale		4157	4615				
White Slate		4615	4866				
Brown Shale		4866	4926				
White Slate		4926	4950				
Black Shale		4950	5074				
Corniferous Lime		5074	5115	Gas pay 5092-5094			
Oriskany Sand		5115	5119				
Lime - \odot							
Total Depth			5119	Steel line measurement			