



2,765
~~2,805~~
~~4,476~~
 4,41-W
 4 WC (G-6)

B 811-12

New Location X
 Drill Deeper
 Abandonment

See Vol XVII, p. 884

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm J. A. GOUDY
 Tract _____ Acres 9 Lease No. 43984-A
 Well (Farm) No. 1 Serial No. 5264
 Elevation (Spirit Level) 1037.57
 Quadrangle ELIZABETH
 County WOOD District SLATE
 Engineer S.A. [Signature]
 Engineer's Registration No. 659
 File No. 68-113 Drawing No. _____
 Date APR. 19, 1943 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. Woo-137

+ 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

Sample 10-D (0-5426) 1-0 Deep Well

Slate District, Wood County, W. Va.

By United Fuel Gas Co., Charleston, W. Va.

Located 2.8 mi. S. of 39° 10' and 4.48 mi. W. of 81° 25' - WC - Elizabeth Quadrangle.

Elevation, 1037.50' L.

Permit Woo-137.

Dry hole.

13" casing, 775'; 10", 1343'; 8 $\frac{1}{2}$ ", 2207'; 7", 5198'.

Section based on samples from 1905 to 5249', examined by J. H. C. Martens, omitting most of Devonian Shales. Survey also has samples from surface to 1905'.

Samples from South Penn Natural Gas Co. Jan. 1944.

Record to RCT from Martens March 24, 1945.

Top. Bottom. Thickness.

POTTSVILLE FORMATION, 108+ FEET		
1905 - 1923	18	Sandstone, light-gray, fine
1923 - 2013	90	Sandstone, white, mostly coarse
GREENSBURGER LIMESTONE, 44 FEET		
2013 - 2017	4	Limestone, light-brown
2017 - 2025	8	Limestone, nearly white, very sandy
2025 - 2028	3	Limestone, light-brown
2028 - 2054	26	Limestone, very light brown, oolitic, moderately sandy; oolites are mostly broken apart as if loosely cemented
2054 - 2057	3	Limestone, yellow, somewhat dolomitic; contains some coarse, rounded quartz grains
POCONO FORMATION, 448 FEET		
2057 - 2061	4	Siltstone, gray, fine and shaly; contains many siderite spherulites
2061 - 2085	24	Sandstone, light-gray, fine; contains some siderite
2085 - 2106	21	Shale, dark-gray, silty
2106 - 2125	19	Shale, dark-gray, silty, 70%; light-gray and brown, fine sandstone, 30%
2125 - 2135	10	Sandstone, light-gray and light-brown, 70%; dark-gray shale, 30%; sandstone is mostly fine to very fine, but has a few coarse rounded grains
2135 - 2143	8	Shale, dark-gray, silty, 60%; nearly white, very fine sandstone, 40%
2143 - 2185	42	Sandstone, gray, fine
2185 - 2217	32	Shale, gray
2217 - 2240	23	Shale and siltstone, gray
2240 - 2272	32	Siltstone, light-gray, with small amount of darker shale
2272 - 2340	68	Shale and fine siltstone, gray
2340 - 2455	115	Shale, gray, silty, with small amounts of siltstone
2455 - 2470	15	Siltstone, light-gray to grayish-green, 70%; gray and green shale, 30%
2470 - 2485	15	Shale and siltstone, gray
2485 - 2505	20	Shale, very dark gray (Sunbury Shale); Berea is present as traces of very fine sandstone in sample 2499-2514'; position estimated at 2505'
DEVONIAN SHALES, 2662 FEET		
2505 - 2898	393	Siltstone and shale, gray; a few pieces of grayish-red shale from 2684 to 2740'
2898 - 5125	2227	Samples not examined
5125 - 5167	42	Shale, black, with fragments of pyrite nodules
HUNTERSVILLE CHERT, 159 FEET		
5167 - 5175	8	Limestone, brown, somewhat cherty; also considerable amount of brown siltstone with much biotite

(OVER)

J. A. GOUDY NO. 1 WELL (Continued).

Top.	Bottom.	Thickness.	
5175	- 5326	151	Chert and very cherty limestone, light-brown to light-gray; some silt, sand, and glauconite in lower part; not described in detail
ORISKANY SANDSTONE, 36 FEET			
5326	- 5348	22	Sandstone, white to gray, fine, slightly calcareous, heavily stained with iron rust
5348	- 5351	3	Limestone, gray, very sandy, fossiliferous
5351	- 5362	11	Sandstone, gray, fine, highly calcareous; large amount of rust and steel chips
HELDERBERG LIMESTONE, 64+ FEET			
5362	- 5386	24	Limestone, light-gray, cherty
5386	- 5389	3	Limestone, brown, very cherty
5389	- 5406	17	Limestone, brownish-gray, shaly, and cherty
5406	- 5426	20	Limestone, brown and gray, cherty
	5411		Total depth, SLM

5167	5326	5362
<u>1034</u>	<u>1038</u>	<u>1038</u>
4129	4288	4324

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

Permit No. Woo 137
Elizabeth Quad.

Dry Hole
CASING & TUBING

Company	United Fuel Gas Company			
Address	Box 1273, Charleston, W.Va.	13	775	775
Farm	J.A. Goudy Acres 9	10	1343	1343
Location	Mudlick Run	8 $\frac{1}{2}$	2207	2207
Well No	5264 Elev. 1037.5	7	5198	5198
District	Slate Wood County			
Surface	J.A. Goudy, Parkersburg, W.Va.			
Mineral	Same			
Commenced	May 29, 1943			
Completed	Aug. 25, 1943			
Date shot	8-27-43 Depth 5314 to 5346 with 60 qts.			
Volume	Dry Hole			
Salt Water	1438 1/2 BPH (show oil) 1960' 1 BPH			

Gray Slate	0	35	
Dark Shale	35	90	
Gray Shale	90	126	
Red Rock	126	152	
Blue Shale	152	212	
Red Rock	212	275	
Gray Slate	275	320	
Sand	320	336	
Red Rock	336	500	
Blue Slate	500	600	
Red Rock	600	737	
Sand	737	743	
Red Rock	743	796	
Slate & Shells	796	883	
Sand	883	1040	
Slate	1040	1156	
Red Rock	1156	1219	
Slate & Shells	1219	1343	
Sand	1343	1690	Salt Sd. Show oil
Slate & Shells	1690	1805	
Sand	1805	1875	
Slate & Shells	1875	1890	
Lime	1890	1910	
Slate	1910	1914	
Salt Sand	1914	2025	
Lime	2025	2071	Big Lime
Injun Sand	2071	2091	
Slate & Shells	2091	3038	
Lime	3038	3110	
Slate & Shells	3110	4315	
Brown Shale	4315	4403	
White Slate	4403	5050	
Brown Shale	5050	5150	
Black Shale - MARBLE	5150	5167	
Corniferous Lime	5167	5326	
Criskany Sand	5326	5348	
Sandy Lime	5348	5351	
Limey Sand	5351	5354	
Sandy Lime	5354	5368	
Lime	5368	5411	
TOTAL DEPTH		5411 SLM	

5167 5326 5348

(485)

2025
1037
988