

New Location X  
Drill Deeper  
Abandonment

Examined by R.P. Flowers

Company UNITED FUEL GAS CO.  
 Address CHARLESTON, W. VA.  
 Farm A. H. BOYD, ET AL  
 Tract \_\_\_\_\_ Acres 180 Lease No. 25240  
 Well (Farm) No. \_\_\_\_\_ Serial No. 5857  
 Elevation (Spirit Level) 1059.70'  
 Quadrangle CLENDENIN - WC  
 County KANAWHA District MALDEN  
 Engineer J. H. ...  
 Engineer's Registration No. 662  
 File No. 68-59 Drawing No. \_\_\_\_\_  
 Date DEC. 9, 1946 Scale 1" = 400'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
 INDIAN CREEK (358)  
 WELL LOCATION MAP  
 FILE NO. KAN-1340

+ 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.

Samples 9A (5182-6674) (flowers) Deep Well

Corniferous Lm. 5075 - 5182  
 Oriskany 5182 - 5208  
 Helderberg 5208 - 5405  
 Salina 5405 - ?

Newburg 5937 - 5950'

Clinton 6685 - 6694 (T.D.)

Dry Hole (Plugged)

Completed Jan. 15, 1949

Reefers  
 6198 - 6237

6694  
 1060  
 5634

5075 5182 5208  
 1060 1060 1060  
 4015 4122 4148

5937 5937  
 1060 5182  
 4877 755

5182  
 1060

1947 5182 5208

New York State  
 Dept. of Conservation  
 Albany, N.Y.

STATE OF NEW YORK  
 DEPARTMENT OF CONSERVATION  
 DIVISION OF WATER  
 WELL LOCATION MAP  
 CATTARAUGUS COUNTY

UNITED FUEL OIL CO.  
 CHARLESTON, W. VA.  
 ALL RIGHTS RESERVED  
 1947  
 WILLIAM W. MILLER  
 ENGINEER & REGISTERED GEOLOGIST  
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W. W. Miller

Wichita District, Wichita County, Kansas

Section based on samples from 1120 to 1200', recorded by Russell S. Flowers,

Geologist, from the Flowers April 14, 1930.

Section 1340

Section based on samples from 1120 to 1200', recorded by Russell S. Flowers,

Geologist, from the Flowers April 14, 1930.

Top of section, 1120 feet

Section 1340, 1120 feet

Section 1340

1120 - 1125	2	Sandstone, white to very light gray, fine- to coarse-grained; some very coarse grains, rounded to well-rounded, very highly calcareous (brachiopods, 1120-1125', from Miller's log)
1125 - 1127	3	Sandstone, very light gray, medium- to coarse-grained, some fine and some very coarse grains, rounded to well-rounded (mostly clear and glassy quartz, some of the grains are frosted), highly calcareous
1127 - 1130	9	Sandstone, very light gray, fine- to medium-grained, rounded, some coarse well-sorted grains, highly calcareous, very highly calcareous at the top
1130 - 1131	5	Sandstone (highly calcareous) to limestone, very light to medium light gray, some medium-gray, most of the sand is fine- to medium-grained, rounded quartz
1131 - 1132	7	Sandstone, very light gray, fine- to medium-grained, mostly fine to very fine grained in the lower part, some coarse grains, calcareous, highly calcareous in the upper part
1132 - 1133	8	Silt to sandstone (very fine), medium- to dark-gray, silty, calcareous
1133 - 1134	7	Sandstone, light- to medium-gray (shaly), some dark-gray (very shaly), very fine grained, silty, highly calcareous, contains a little glauconite
1134 - 1135	3	Sandstone, light- to dark-gray (shaly), very fine to fine-grained, very highly calcareous; some shaly, slightly glauconitic; contains some medium, rounded quartz grains
1135 - 1136	6	Sandstone, light- to medium-gray (compact shaly), very fine to fine-grained, some medium grains (rounded), very highly calcareous
1136 - 1137	7	Sandstone, very light to light-gray, very fine to fine-grained, subrounded, some medium grains (rounded), highly calcareous
1137 - 1138	4	Sandstone (mostly not shaly), to sandstone (very fine, silty, calcareous), light- to medium-gray, shaly
1138 - 1139	3	Shale to a very shaly and silty limestone, very light to dark-gray; some fossil fragments
1139 - 1140	4	Sandstone (very fine, silty) to shaly, light- to medium-gray, some dark-gray (shaly) and some very light gray (shaly), very highly calcareous, calcareous
1140 - 1141	13	Shale, very light to light-gray, some medium-gray, highly calcareous, silty; some dark-gray, calcareous shale at the bottom
1141 - 1143	4	Shale to silty shale, light- to dark-gray, highly calcareous, calcareous in part
1143 - 1144	6	to sample
1144 - 1145	14	Shale to shale (silty) or shaly, dark-gray, some grayish-black with light- to medium-gray spots, highly calcareous, somewhat calcareous
1145 - 1147	17	to sample

Top. Section, Wisconsin.

527 - 529	2	Shale, buff-gray to grayish-black with some light- to a gray spots of limestone, highly calcareous, dolomitic
529 - 532	4	limestone, buff- to buff-gray with light-gray spots, very silty and cherty, shaly, somewhat dolomitic; contains little glauconite
532 - 535	10	limestone (shaly) to siltstone, buff- to dark-gray, some light-gray, glauconitic, cherty in the lower part, dolomitic
535 - 538	3	limestone to chert (calcareous), light- to medium-gray, some buff-gray (shaly), very silty, contains a little glauconite
538 - 542	2	shale (calcareous, silty) to chert (calcareous), buff- to dark-gray, some light-gray, somewhat dolomitic, (probably a depth correction from 535 to 545')
542 - 548	7	chert, light- to medium-gray with some buff-gray, shaly streaks, very silty, highly calcareous, very highly calcareous and sandy (very fine) in the lower part, dolomitic, contains some glauconite
548 - 552	3	limestone (sandy) and some siltstone (very fine), buff- to buff-gray with light-gray spots, cherty, somewhat shaly, glauconitic, some small fragments, dolomitic
552 - 555	4	chert (sandy) to siltstone (very fine), very light to light-gray, highly calcareous, glauconitic
555 - 562	7	limestone (very sandy) and some siltstone (very fine, calcareous), very light to medium-gray, glauconitic, very cherty
562 - 568	3	siltstone, light- to medium-gray, very fine grained, cherty, highly calcareous, contains a little glauconite and some shaly material
568 - 575	6	limestone, medium buff to dark-gray, some light- to medium-gray, very cherty, not shaly, silty, somewhat dolomitic
575 - 580	4	chert, light- to medium-gray, some buff-gray, calcareous, very silty and sandy (very fine)
580 - 587	7	siltstone to sandstone (very fine), light- to medium-gray, (very highly stained with iron rust), calcareous, cherty, contains some shale
587 - 590	3	limestone (silty and shaly) to siltstone and chert (calcareous), buff- to dark-gray, some light-gray, somewhat dolomitic, trace of glauconite
590 - 595	13	limestone, medium buff to buff-gray, with light- to medium-gray spots, very shaly to a calcareous shale and siltstone at the top, sandy (very fine), siltstone in the lower part, dolomitic at the top and bottom
SOUTH SECTION, 2 1/2 MILES		
595 - 598	3	limestone, brownish-black to grayish-black, some brownish-gray, shaly, somewhat dolomitic, silty and sandy, a little chert, contains some very fine quartz crystals
598 - 602	6	limestone, brownish-gray with light-gray spots, some brownish-black, silty and sandy (very fine), contains some very fine quartz crystals, slightly shaly, dolomitic in part, siltstone in part
602 - 605	3	limestone, brownish-gray to brownish-black, very fine textured, dolomitic, very silty and sandy (very fine--much of which is quartz crystals), some brown and black, shaly material
605 - 608	3	siltstone, medium light gray to light brownish gray, somewhat calcareous, sandy and silty

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

**WELL RECORD**  
**ABANDONMENT**

Oil or Gas Well Dry Hole  
(KIND)

Permit No. KAN-1340-P

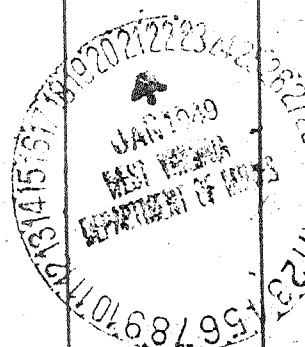
Company United Fuel Gas Co.  
Address P. O. Box 1273, Charleston 25, W. Va.  
Farm A. H. Boyd, etal Acres 180  
Location (waters) Campbells Creek  
Well No. 5857 Elev. 1060 Gr.  
District Malden County Kanawha  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Frances B. Pritchard  
Box 465, Address Chas., W. Va.  
Drilling commenced 7-11-47  
Drilling completed 6-19-48  
Date Shot Not Shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
<del>14</del> 14	37' - 3"	37' - 3"	
10 3/4	1333' 3"	1333' 3"	Size of
<del>8-5/8</del> 8-5/8	1655' 3"	1655' 3"	
<del>7"</del> 7"	5143' 11"	5143' 11"	Depth set
<del>5</del> 5	6005	6005	
8			Perf. top
2			Perf. bottom
Linors Used			Perf. top
			Perf. bottom

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume Dry Hole \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 280 feet \_\_\_\_\_ feet  
Salt water 983, 5934, 5765 feet \_\_\_\_\_ feet

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 90 FEET 72 INCH  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCH  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCH

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	18			
Sand			18	60			
Blue Slate			60	80			
Sand			80	90			
Coal			90	96			
Slate			96	105			
Sand			105	125			
Slate			125	130			
Sand			130	255			
Slate			255	276	Water	280'	2 1/2 B.P.H.
Sand			276	300			
Slate			300	620			
Lime			620	660			
Slate			660	670			
Sand			670	687			
Slate			687	718			
Sand			718	735			
Slate			735	744			
Lime Shells			744	810			
Sand			810	850			
Slate			850	860			
Lime			860	875			
Salt Sand			875	985	Water	983'	Hole Full.
Slate			985	1000			
Sand			1000	1100			
Slate			1100	1110			
Sand			1110	1360			
Slate & Shells			1360	1414			
Maxon Sand			1414	1440			
Slate & Shells			1440	1463			
Red Rock			1463	1485			
Slate			1485	1589			
Little Lime			1589	1611			
Pencil Cave			1611	1617			
Big Lime			1617	1771	Gas	1775-1790'	Show.
Keener Sand			1771	1800			
Injun Sand			1800	1825			
Slate & Shells			1825	1870	Gas	1880'	No Test.



(Over)

DEEP WELL

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Weir Sand			1870	2030			
Slate & Shells			2030	3384			
Brown Shale			3384	3416			
Slate & Shells			3416	3850			
Brown Shale			3850	4114			
White Slate			4114	4625			
Brown Shale			4625	4972			
White Slate			4972	5005			
Brown Shale			5005	5073			
Corniferous Lime			5073	5194			
Oriskany Sand			5194	5210			
Lime			5210	5230			
Sand			5230	5241	Gas	5233'	2/10 W 2 60 mcf
Lime			5241	5315			
Sand			5315	5340			
Black Lime			5340	5961	Gas	5435'	Show. No
Newburg Sand			5961	5994	Water	5765'	1/2 B.P.
Lime			5994	6195	Water	5934'	Hole Fud
Big Six Sand			6195	6255			
Red Rock			6255	6372			
Slate			6372	6504			
Red Rock			6504	6564			
Slate & Shells			6564	6659			
Clinton Sand			6659				
Total Depth			6668'				

Date January 20, 191

APPROVED United Fuel Gas Co.

By J. H. Moore  
Chief Engineer (Title)