

New Location   
 Drill Deeper   
 Abandonment

2.95 S.  
 1.35 W.  
 7 EC (I-3)

Company UNITED FUEL GAS CO.  
 Address CHARLESTON, W. VA.  
 Farm EMMA V. REECE  
 Tract \_\_\_\_\_ Acres 160 Lease No. 49478  
 Well (Farm) No. 1 Serial No. 8179  
 Elevation (Spirit Level) 610.69'  
 Quadrangle GLENWOOD - SE  
 County PUTNAM District TEAR'S VALLEY  
 Engineer Seibert R. Jewell  
 Engineer's Registration No. 2529  
 File No. 40-71 Drawing No. \_\_\_\_\_  
 Date 2-10-54 Scale 1" = 400'

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

**WELL LOCATION MAP**  
 FILE NO. PUT-561

+ 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 8 G+H (0-4095) 5-5-0 Deep Well



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 14

WELL RECORD

Quadrangle Glenwood

Permit No. PUT-561

Oil or Gas Well Gas  
(KIND)

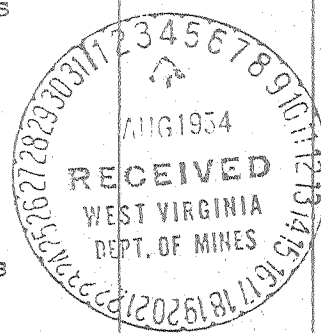
Company UNITED FUEL GAS CO.  
Address P.O. Box 1273, Charleston 25, W. Va.  
Farm Emma V. Reece #1 Acres 160  
Location (waters) 5 & 20 Mile Creek  
Well No. 8179-T Elev. 610.69'  
District Teays Valley County Futnam  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Emma V. Reece  
2607 Wendover Rd. Address Baltimore 14, Md.  
Drilling commenced 4-7-54  
Drilling completed 6-11-54  
Date Shot 6-15-54 From 3156 To 4093'  
With 6,650# Gelatin  
Open Flow 40/10ths Water in 1 Inch  
\_\_\_\_\_/10ths Merc. in \_\_\_\_\_ Inch  
Volume 67,000 Cu. Ft.  
Rock Pressure 620 lbs. 48 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 25 425 725 825 feet 1035 1295 1310 feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10 -3/4"		353'6"	Size of
8 5/8"		963'3"	
7"		1940'9 1/2"	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT 369 FEET 36 INCHES  
680 FEET 12 INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	18			
Sand			18	28			
Red Rock			28	164			
Sand			164	185			
Slate			185	220			
Red Rock			220	240			
Slate			240	280			
Red Rock			280	325			
Slate			325	369			
Coal			369	372			
Sand			372	382			
Slate			382	420			
Sand			420	442			
Slate			442	475			
Red Rock			475	516			
Slate			516	587			
Sand			587	600	Water - 25'	80'	
Slate			600	612	Water - 425'	1/2 BPH	
Red Rock			612	625	Water - 725'	1 BPH	
Slate & Shells			625	680	Water - 825'	Hole full	
Coal			680	681	Water 1035'	1/2 BPH	
Slate & Shells			681	691	Water - 1295'	2 BPH	
Lime Shell			691	700	Water - 1310'	Hole full	
Sand			700	745	Show of gas	3210', 3425', 3480'	
Slate			745	805	Gas 3620'	2/10 W 1" 15 M	
Sand			805	840	Show of gas	3970'	
Lime			840	879	Test before shot - 0-		
Sand			879	929	Shot 6-15-54 with 6,650#	Gelatin from	
Sandy Lime			929	945	3156-4093		
Slate & Shells			945	967	Test after shot 40/10 W 1"	67 M	
Sand			967	994	FINAL OPEN FLOW - 67 M -	Br. Shale	
Lime			994	1014	Rock Pressure 48 Hr. 620#		
Sand			1014	1048			
Lime			1048	1094	Shut in 7" Casing 6-16-54		
Sand			1094	1155			
Slate			1155	1170			
Lime			1170	1205			
Slate			1205	1236			



Formation	Color	Hard or Soft	Top / 4'	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			1236	1250			
Sand			1250	1357			
Slate			1357	1360			
Lime			1360	1375			
Sand			1375	1405			
Lime			1405	1448			
Sand			1448	1606			
Lime (Big)			1606	1715			
Slate & Shells			1715	1733			
Sand (Injun)			1733	1838			
Sand			1838	1970			
Sandy Lime			1970	2008			
Slate & Shells			2008	2214			
Berea Sand			2214	2242			
Slate & Shells			2242	3286			
Brown Shale			3286	3410			
Slate & Shells			3410	3476			
Brown Shale			3476	3630			
White Slate			3630	3965			
Brown Shale			3965	4091			
Corniferous Lime			4091	4095			
Total depth			4095'				

463

4091  
611  

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3480

Date August 3, 1954

APPROVED \_\_\_\_\_ UNITED FUEL GAS COMPANY, Owner

By \_\_\_\_\_



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,  
Charleston, W. Va.

COAL OPERATOR OR COAL OWNER  
ADDRESS

COAL OPERATOR OR COAL OWNER  
ADDRESS

OWNER OF MINERAL RIGHTS  
Emma V. Reece  
2607 Wendover Road  
Baltimore 14, Maryland  
ADDRESS

UNITED FUEL GAS COMPANY  
NAME OF WELL OPERATOR  
P. O. Box 1273  
Charleston 25, W. Va.  
COMPLETE ADDRESS

February 19, 19 54

PROPOSED LOCATION  
Teays Valley District  
Putnam County  
Well No. 8179-T 38° 35' 52' 00'  
Emma V. Reece #1 Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated October 8, 1951, made by Emma V. Reece, to United Fuel Gas Co., and recorded on the 24th day of November, 1951, in the office of the County Clerk for said County in Book 45, page 236.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

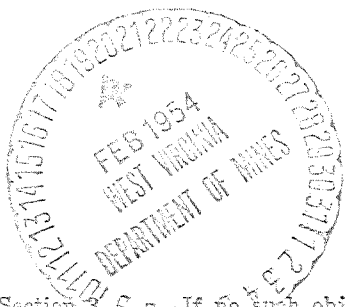
The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten\* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address same day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,



Address of Well Operator }

UNITED FUEL GAS COMPANY  
WELL OPERATOR  
P. O. Box 1273  
STREET  
Charleston 25,  
CITY OR TOWN  
West Virginia  
STATE

\*Section 3-5.3. If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

561

PROPOSED MANNER OF PLUGGING AND FILLING WELL-

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
WORK ORDER

Well to be plugged and filled as follows:

Set a permanent bridge at	3136' (20' above shot hole in the Brown Shale)
2 Sacks cement on top of bridge	
Red Clay Mud	3136'-2936'
Bridge the hole	2272' (20' below Berea)
2 Sacks cement on top of bridge	
Red Clay Mud	2272'-2194' (20' above Berea)
Cement	2194'-2184'
Crushed Stone	2184'-2179'
Red Clay Mud	2179'-2079'
Bridge the hole at	1973' (20' below 7" casing)
2 Sacks cement on top of bridge	
Left 7" casing to	1500'
Mud & Clay	1973'-1586' (20' above Big Lane)
Cement	1586'-1576'
Mud & Clay	1576'-1520' - Continue filling with clay to 1250' - Cement & stone (15')
Full balance of 7" casing	
Bridge the hole at	995' (30' below 8-5/8" casing point)
2 sacks cement on top of bridge	
Pull 8-5/8" casing	965'
Mud & Clay	995'-859'
Cement	859'-849'
Bridge the hole at	425'
2 Sacks cement on top of bridge	
Mud & Clay	425'-402'
Pull 10-3/4" Casing	356'
Cement	402'-349' (30' below coal seam; 20' above coal seam)
Mud & Clay	349' - 3'
Cement	3' - Surface
Erect monument 30" above the surface with inscription United Fuel Gas Company Well No. 8179-R Abandoned	

To the Department of Mines  
Coal Owner or Operator,  
Lease or Property Owner.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date stated in the notice of intention to plug and abandon the said well on opposite side of this sheet.

Very truly yours,

UNITED FUEL GAS COMPANY

Well Operator.

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

23rd day of April, 1957, 19

DEPARTMENT OF MINES  
Oil and Gas Division

By: C. H. Hall

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

Coal Operator or Coal Owner	United Fuel Gas Company Name of Well Operator
Address	P. O. Box 1273 Charleston, 25, W. Va. Complete Address
Coal Operator or Coal Owner	April 19 19 57
Address	WELL TO BE ABANDONED Tocys Valley District
Ezra V. Roese Lease or Property Owner	Putnam County
2677 Waverly Road Baltimore 14, Maryland Address	Well No. 8179-1 Ezra V. Roese #1 Farm

Inspector to be notified when work is to begin. GEORGE I. SIMONS - TELEPHONE  
CHARLESTON DI 4-4741 -- 24 HOURS IN ADVANCE OF PLUGGING DATE

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

UNITED FUEL GAS COMPANY

Well Operator.



NOTE: Upon the abandonment of all wells drilled prior to June 1, 1929, a plat prepared by a registered engineer, showing the district and county in which the tract of land is located, the name and acreage of same, the names of the owners and adjacent tracts, and the location of the about to be abandoned well, determined by survey, and the courses and distances of such well from two permanent points or landmarks on said tract, shall be submitted with this notice.

NOTE: In case plugging is not commenced within four months from the above date, this permit shall expire and be of no further force or effect.

(over)

PUT-561P PERMIT NUMBER

April 18, 1957

Mr. W. W. Ferrell  
Assistant Superintendent-Field  
United Fuel Gas Company  
Charleston, West Virginia

Dear Sir:

We propose to plug and abandon Well No. 8179-T on the Emma V. Reese Farm, Teays Valley District, Putnam County, West Virginia, Map Square 40-71, Lease No. 49478, in the following manner:

Set a permanent bridge at	3136' (20' above shot hole in the Brown Shale)
2 Sacks cement on top of bridge	3136'-2936'
Red Clay Mud	2272' (20' below Berea)
Bridge the hole	
2 Sacks cement on top of bridge	2272'-2194' (20' above Berea)
Red Clay Mud	2194'-2134'
Cement	2134'-2179'
Crushed Stone	2179'-2079'
Red Clay Mud	1973' (20' below 7" casing)
Bridge the hole at	
2 Sacks cement on top of bridge	1500'
Lift 7" casing to	1973'-1586' (20' above Big Line)
Mud & Clay	1586'-1576'
Cement	1576'-1520'
Mud & Clay	
Pull balance of 7" casing	
Bridge the hole at	995' (30' below 8-5/8" casing point)
2 sacks cement on top of bridge	965'
Pull 8-5/8" casing	995'-859'
Mud & Clay	859'-849'
Cement	425'
Bridge the hole at	
2 Sacks cement on top of bridge	425'-402'
Mud & Clay	356'
Pull 10-3/4" casing	402'-349' (30' below coal seam; 20' above coal seam)
Cement	349' - 3'
Mud & Clay	3' - Surface
Cement	
Erect monument 30" above the surface with inscription United Fuel Gas Company Well No. 8179-T Abandoned	

Very truly yours,

W. H. Chapman  
Division Superintendent

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

COAL OPERATOR OR OWNER	United Fuel Gas Company
ADDRESS	P.O. Box <sup>8179</sup> WELL OPERATOR Charleston 25, West Virginia
COAL OPERATOR OR OWNER	COMPLETE ADDRESS
ADDRESS	July 9, 19 57
LEASE OR PROPERTY OWNER	WELL AND LOCATION
ADDRESS	Teays Valley District
	Putnam County
	Well No. 8179-T
	Emma V. Reece #1 Farm
	George I. Simons

STATE INSPECTOR SUPERVISING PLUGGING.....

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Lincoln

SS:

Leslie M. Tackett

and John W. Flowers

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by United Fuel Gas Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 23rd day of April, 19 57, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL			PLUGS USED	CASING	
	FORMATION	CONTENT	FROM TO		SIZE & KIND	CSG PULLED
	Hole Bridged @		3136'	(7"	1718'	238'
	2 sacks cement on top of plug			(8-5/8"	969'	-0-
	Mud & Clay		3136' 2936'	(10-3/4"	355'	-0-
	Hole Bridged @		2272'			
	2 sacks cement on top of bridge					
	Mud & Clay		2272' 2194'			
	Cement		2194' 2184'			
	Crushed Stone		2184' 2179'			
	Mud & Clay		2179' 2079'			
	Mud & Clay		2079' 1586'			
	Cement		1586' 1576'			
	Mud & Clay		1576' 1520'			
	Hole Bridged @		995'			
	2 sacks cement on top of bridge					
	Mud & Clay		995' 859'			
	Cement		859' 849'			
	Hole Bridged @		425'			
	2 sacks cement on top of bridge					
COAL SEAMS	Mud & Clay		425' 402'			
(NAME)	Cement		402' 349'			
(NAME)	Mud & Clay		349' 3'			
(NAME)	Cement		3' 0'			
(NAME)						

DESCRIPTION OF MONUMENT  
Erected monument 30" above surface with  
inscription: U.F.G.Co. Well No. 8179-T  
ABANDONED\* DATE - 7-5-57

and that the work of plugging and filling said well was completed on the 5th day of July, 19 57.

And further deponents saith not.

Sworn to and subscribed before me this 9th day of July, 19 57.

My commission expires:

April 9, 1963

Notary Public.

Permit No. PUT-561-P