

Company Columbia Gas Transmission  
UNITED FUEL GAS CO.

Address CHARLESTON, W. VA.

Farm UNITED FUEL GAS CO. MIN.

Tract 1 Acres 23,469<sup>33</sup> Lease No. NO REF.

Well (Farm) No. \_\_\_\_\_ Serial No. 8389

Elevation (Spirit Level) 1261.00'

Quadrangle HOLDEN

County LOGAN District CHAPMANSVILLE

Engineer Seymour R. Sherrill

Engineer's Registration No. 2529

File No. 34-33 Drawing No. \_\_\_\_\_

Date 2-24-56 Scale 1" = 400'

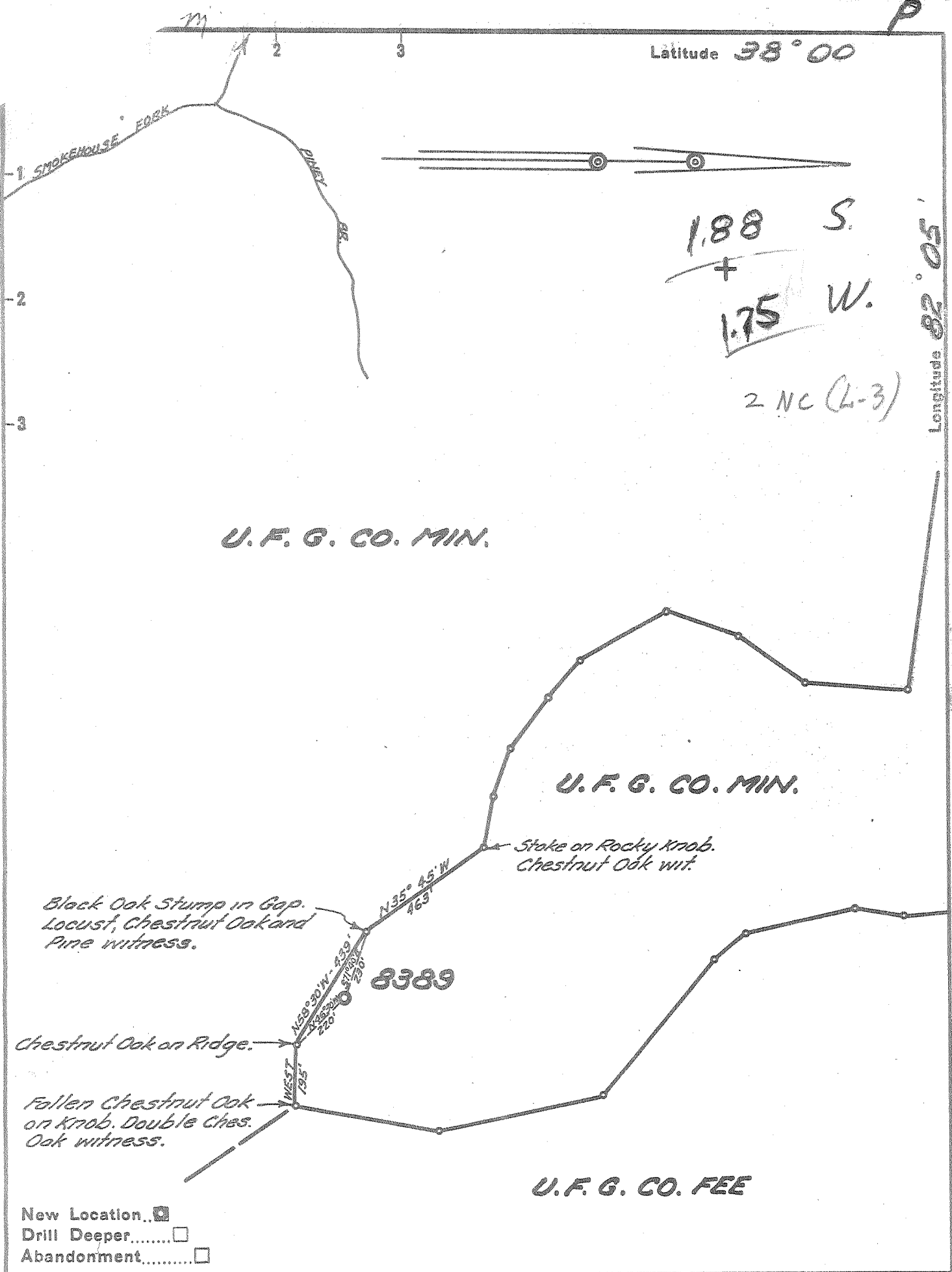
STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

**WELL LOCATION MAP**  
FILE NO. LOG-538-P

± Denotes location of well on United States  
topographic Maps, scale 1 to 62,500, lat-  
itude and longitude lines being represented  
by border lines as shown.

— Denotes one inch spaces on border line  
of original tracing.

MAY 14 1965



Company UNITED FUEL GAS CO.  
 Address CHARLESTON, W. VA.  
 Farm UNITED FUEL GAS CO. MIN.  
 Tract 1 Acres 23,469.83 Lease No. NO REF.  
 Well (Farm) No. \_\_\_\_\_ Serial No. 8389  
 Elevation (Spirit Level) 1261.00'  
 Quadrangle HOLDEN - NC  
 County LOGAN District CHAPMANVILLE  
 Engineer Seibert R. Sherrill  
 Engineer's Registration No. 2529  
 File No. 34-33 Drawing No. \_\_\_\_\_  
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 CHARLESTON

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6-6245

Sampler 25-J (1835-1915')



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 8

Quadrangle Holden

Permit No. LOG-538

WELL RECORD

Oil or Gas Well Gas  
(KIND)

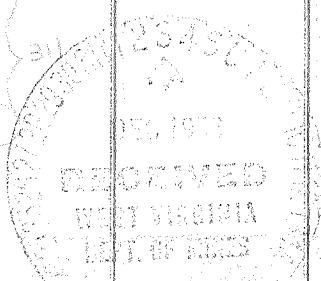
Company United Fuel Gas Company  
Address P. O. Box 1273; Charleston 25, W. Va.  
Farm United Fuel Gas Co. Min. Tr. #1 Acres 23,469.33  
Location (waters) Smokehouse Fork  
Well No. 8389 Elev. 1261.0  
District Chapmansville County Logan  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by United Fuel Gas Co.  
Address Charleston, W. Va.  
Drilling commenced May 16, 1956  
Drilling completed August 30, 1956  
Date Shot 9-4-56 From 3285 To 4265  
With 6,666-2/3# Gelatin  
Open Flow 60 /10ths Water in \_\_\_\_\_ Inch  
2 /10ths Merc. in \_\_\_\_\_ Inch  
Volume 1,205,000 Big Lm. & Shale Cu. Ft.  
Rock Pressure 450 lbs. 48 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 28 feet 710 feet  
Salt water 1120 feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10 3/4		12'	Size of
8 5/8		772	Depth set
7 5/8		1832	
5 3/4 1/2		2037 Pulled	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT 24 FEET 48 INCHES  
589 FEET 24 INCHES 620 FEET 48 INCHES  
708 FEET 48 INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	10	Water 28'		
Sand			10	24			
Coal			24	28	Water 710' 3 bailers per hour		
Sand			28	142			
Slate			142	170	Show gas & Oil 1103'		
Sand			170	386			
Slate			386	440	Hole full water 1120'		
Sand			440	490			
Slate & Shells			490	589	Show gas 1873'		
Coal			589	591			
Slate			591	620	Gas 1901', 2 1/10 W 2" 207 M		
Coal			620	624	Gas 1910', increased to 2 1/10 W 3" 465 M		
Sand			624	690	Gas 1942' increased to 3 2/10 W 3" 537 M		
Slate & Shells			690	708	blew down to 28/10 W 3" 502 M		
Coal			708	712			
Slate & Shells			712	790	Gas 3385', 4/10 W 1" 21 M		
Sand			790	818			
Slate & Shells			818	980	Test before acidized 3 1/10 W 3" 553 M		
Sand			980	1082	Acidized 7-5-56 with 2000 gallons acid		
Salt Sand	1 SS		1082	1242	Test after acidized 100/10 Merc. 2"		
Slate & Shells			1242	1300	1,555 M		
Hard Sand	2 SS		1300	1368			
Slate & Shells			1368	1458	Test before shot 4/10 W 1" 21 M		
Sand	3 SS		1458	1596	Shot 9-4-56 with 6,666-2/3# Gelatin		
Slate & Shells			1596	1648	from 3285-4265'		
Red Rock			1648	1665	Test 1 hour after shot 70/10 W 2" 353 M		
Slate & Shells			1665	1732	Test 20 hours after shot 10/10 W 2" 133M		
Maxon Sand			1732	1765	Final Open Flow - 60/10 M - 2"		
Slate & Shells			1765	1778			
Little Lime			1778	1804	FINAL OPEN FLOW - 1,205 M - Big Lm. &		
Pencil Cave			1804	1807	Shale 48 Hr. R.P. 450#		
Big Lime			1807	1952			
Big Injun			1952	2030			
Shell			2030	2062			
Slate & Shells			2062	2153			



Formation	Color	Hard or Soft	Top 8	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Shell			2153	2242			
Slate & Shells			2242	2532			Shut in 10-11-56 in 7" casing
Brown Shale			2532	2553			
Berea Sand			2553	2561			Unable to tube due to half of packer left in well when pulling 5" casing.
Shell			2561	2592			
Slate & Shells			2592	3550			
Brown Shale			3550	3830			
Slate			3830	4188			
Brown Shale			4188	4267			
Corniferous			4267				
Total Depth			4267'				

2553  
1261  
1292

4267  
1261  
-3006

461

Date November 30, 1956

APPROVED UNITED FUEL GAS COMPANY, Owner

By *S. R. Furrill*  
(Title)

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

**RECEIVED**  
NOV 19 1984

OIL AND GAS DIVISION  
**AFFIDAVIT OF PLUGGING AND FILLING**

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	Columbia Gas Transmission Corp.
ADDRESS	P. O. Box 1273 - Charleston, WV 25325
COAL OPERATOR OR OWNER	November 1 19 84
ADDRESS	Chapmanville District
LEASE OR PROPERTY OWNER	Logan County
ADDRESS	Well No. 8389
	U.F.G. Min. Tr. #1 Farm

STATE INSPECTOR SUPERVISING PLUGGING: Arthur St. Clair

**AFFIDAVIT**

STATE OF WEST VIRGINIA,

County of Logan

SS:

Steve Salmons and Glasco Barrett

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 Columbia Gas Trans. Corp., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 27 day of August, 19 84, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL	PLUGS USED	CASING	
			CSG PULLED	CSG LEFT IN
FORMATION	Top of Cavings @ 2300'	SIZE & KIND		
Salt Sand	Cement 2300-2200'	7"	1340'	507'
1082-1242'	Rock & Clay 2200-2055'	8"	640'	138'
Big Lime	Cement 2055-1915'	10 3/4"	--	12'
1807-1952'	Rock & Clay 1915-1875'			
Injun	Rip 7" casing 1535-1340'			
1952-2030'	Pulled 1340' of 7" casing			
Berea	Cavings 1340-1328'			
2553-2561'	Rock & Clay 1328-1290'			
Brown Shale	Cement 1290-1236'			
2561-4267'	Rock & Clay 1236-1060'			
	Cement 1060-1000'			
	Rock & Clay 1000-780'			
	Ripped 8" csg. 745-640'			
	Pulled 640' of 8" casing			
	Cement 780-740'			
COAL SEAMS	Rock & Clay 740-635'			
(NAME) 24-28 (4')	Cement 635-550'	DESCRIPTION OF MONUMENT		
(NAME) 589-591 (2')	Rock & Clay 550-100'	30" Riser with stainless steel		
(NAME) 620-624 (4')	Cement 100'-surface	tag stating - Well 8389, Permit #		
(NAME) 708-712 (4')	Erected Monument	LOG-0450538P; P & A 10-23-84		

and that the work of plugging and filling said well was completed on the 23rd day of October, 19 84.

And further deponents saith not.

Sworn to and subscribed before me this 13th day of November, 19 84.

*Stephen L. Salmons*  
*Glasco Barrett*  
*Sharon D. Myrten*

Notary Public.

Permit No. LOG-0450538P

My commission expires:

September 16, 1990

Logan 538