

Company	UNITED FUEL GAS CO.
Address	CHARLESTON, W.VA.
Farm	JOHN B. CULLEN
Tract	Acres 210. Lease No. 45927
Well (Farm) No.	Serial No. 6669
Elevation (Spirit Level)	693.44
Quadrangle	RAVENSWOOD - WC
County	MASON District COOPER
Engineer	Seibert R. Jewell
Engineer's Registration No.	2529
File No.	42-95 Drawing No.
Date	2-4-54 Scale 1"=660'

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

WELL LOCATION MAP
 FILE NO. MAS-63

+ 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 16-I (129-3544) 1-0 Deep well

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Ravenswood

WELL RECORD

Permit No. MAS-63

Oil or Gas Well Gas
(KIND)

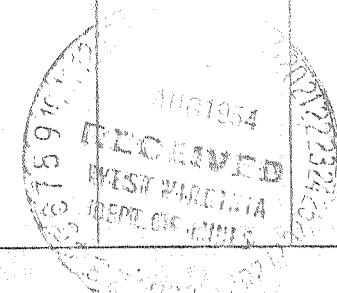
Company UNITED FUEL GAS CO.
Address P.O. Box 1273, Charleston 25, W. Va.
Farm John B. Cullen Acres 210
Location (waters) Trace Fk. of old Town Creek
Well No. 6669 Elev. 693.44'
District Cooper County Mason
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by John B. Cullen
Rt. 2 Address Letart, W. Va.
Drilling commenced 5-18-54
Drilling completed 7-9-54
Date Shot 7-13-54 From 3159 To 3710
With 3,850# Gelatin
Open Flow 8 /10ths Water in _____ 1 Inch
_____ /10ths Merc. in _____ Inch
Volume 30,000 Cu. Ft.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13		206'	
10		576'	Size of
8 1/2		953'	
8 1/2 7"		1976'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 220 feet 650, 720 feet
Fresh water 810-843' feet 975', 1270' feet

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT <u>220</u> FEET <u>12</u> INCHES			
<u>646</u>	<u>48</u>		
FEET	INCHES	FEET	INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Clay			0	40	Water 220'	2 blrs.	
Slate			40	50			
Red Rock			50	60	Water 650'		
Slate & Shells			60	129	Water 720'	5 BPH	
Sand			129	150			
Slate			150	175	Water 810-843		
Sand			175	215			
Slate			215	220	Water 975'	2 BPH	
Coal			220	221			
Slate			221	300	Water 1270'	hole full	
Red Rock			300	350			
Slate & Shells			350	425	Show gas 1905'		
Red Rock			425	460			
Slate			460	630	Show gas 3195'		
Sand			630	646			
Coal			646	650			
Slate & Shells			650	697			
Sand			697	735	Not enough gas to gauge before shot		
Slate			735	810	Shot 7-13-54 with 3,850# Gelatin from		
Sand			810	843	3159-3710'		
Slate			843	964	Test 1 hr. after shot 8/10 W 1" 30 M		
Sand			964	980	Gun perforated from 1906-1918' to		
Slate			980	1053	test Berea.		
Sand			1053	1117			
Lime			1117	1130			
Slate			1130	1175			
Sand			1175	1284	Will plug & abandon		
Slate			1284	1286			
Big Lime			1286	1400			
Slate			1400	1890			
Shale			1890	1901			
Berea			1901	1930			
Slate			1930	2938			
Shale			2938	2995			
Slate			2995	3150			
Shale			3150	3282			
Slate			3282	3491			
Shale			3491	3499			
Slate			3499	3602			



(Over)

Formation	Color	Hard or Soft	Top ⁹	Bottom	Oil, Gas or Water	Depth Found	Remarks
Br. Shale Corniferous Total depth			3602 3705 3710'	3705			
					3705 693 <u>3012</u>		

Date August 16, 19 54

APPROVED UNITED FUEL GAS CO. Owner