

New Location   
 Drill Deeper   
 Abandonment

OCT 4 1960

In O W  
292

Company	UNITED FUEL GAS CO.
Address	CHARLESTON, W. VA.
Farm	JOE SPAULDING
Tract	Acres <u>58</u> Lease No. <u>28359</u>
Well (Farm) No.	Serial No. <u>3963</u>
Elevation (Spirit Level)	<u>674.2</u>
Quadrangle	NAUGATUCK
County	WAYNE District <u>Lincoln</u>
Engineer	<u>Paul C. Joast</u>
Engineer's Registration No.	<u>669</u>
File No.	<u>16-31</u> Drawing No. _____
Date	<u>9-8-60</u> Scale <u>1" = 400'</u>

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

WELL LOCATION MAP

FILE NO. WAY-31-A

+ 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.

JOE SPAULDING No. 3963 — U.F.G. Co. — WAY-31-A



259

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Naugatuck

Permit No. 36A

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company United Fuel Gas  
 Address P.O. Box 1273 - Charleston 25, W. Va.  
 Farm Joseph Spaulding Acres 58  
 Location (waters) Tug River  
 Well No. 3963 Elev. 674.2  
 District Lincoln County Wayne  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by Maude Curry - O. & G. Glenhaves Co. - C.  
 Address \_\_\_\_\_  
 Drilling commenced September 27, 1929  
 Drilling completed November 26, 1929  
 Date Shot 12-4-29 From 1913' To 2649'  
 With 6000 Gelatin  
 Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
20 /10ths Merc. in 2 Inch  
 Volume 786,720 Cu. Ft.  
 Rock Pressure 550 lbs. 48 hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 WELL ACIDIZED \_\_\_\_\_  
 WELL FRACTURED \_\_\_\_\_

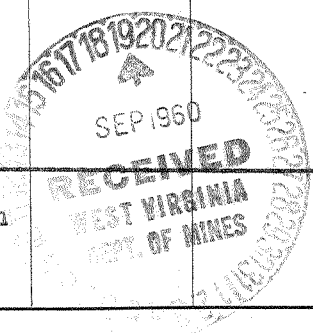
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			<u>Tubing Anchor</u>
13			Size of <u>3x6 5/8x 16"</u>
10	<u>18-5</u>	<u>18-5</u>	Depth set _____
8 3/4	<u>355</u>	<u>Pulled</u>	
6 5/8	<u>1125</u>	<u>1125</u>	
5 3/16			
3	<u>2727</u>	<u>2727</u>	Perf. top <u>2677</u>
2			Perf. bottom <u>2700</u>
Liners Used			Perf. top <u>2586</u>
			Perf. bottom <u>2609</u>

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

COAL WAS ENCOUNTERED AT 335 FEET 60 INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT \_\_\_\_\_  
 ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_  
 Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface				17			
Sand			17	75			No casing shoe or packer used on bottom of 10" or 8-1/4" casing.
Sand and Slate			75	335			Bottom Hole Packer used on bottom of 6-5/8" casing, set at 1115 feet, S.L.M. Small show of gas at 525'. Water hole full at 530'. Tubing anchor packer set at 1466'.
Coal			335	340			
Slate and Sand			340	525			
Salt Sand			525	565			
Slate and Sand			565	930			
Red Rock			930	970			
Slate and Sand			970	1070			
Little Lime			1070	1090			
Pencil Cave			1090	1100			
Big Lime			1100	1295			Show of gas at 1215'.
Slate			1295	1310			No gas showing in Brown Shale when drilled in.
Big Injun Sand			1310	1325			Shot with 6000# Gelatine from 1913' to 2649'.
Slate and Shells			1325	1800			Well tested when tubed 20/10 Mercury in 2" opening.
Brown Shale			1800	1810			
Berea Sand			1810	1815			
Slate and Shells			1815	1916			
rown Shale			1916	2000			
Slate			2000	2060			Top of big lime, 6-5/8" casing and total depth all steel line measurements.
Shale			2060	2250			Gas furnished by contractor.
Slate			2250	2300			
Shale			2300	2649			
Slate			2649	2700			
Total Depth				2700'			Rock pressure between 3" tubing and 6-5/8" casing 215# (Big Lime).



(over)

AUG 2 1961

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date September 16, 1960

APPROVED UNITED FUEL GAS COMPANY, Owner

By S.R. Fenwick  
(Title)

Supt. Civil Engineering Dept.