



**NEW RIVER & POCAMONTAS
CONSOLIDATED COAL CO.**

**ROWLAND
LAND CO.**

ROWLAND LAND CO.

**REVISED
4-28-61**

NOTE-

Coal owned by New River and Pocahontas
Land Co. and operated by Armco Steel.
Location below operated Coal, M & Gas
lower seam worked.

- New Location ..
- Drill Deeper
- Abandonment

5.085
2.77W

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
NEW RIVER & POCAMONTAS
 Farm CONSOLIDATED COAL CO.
 Tract _____ Acres 42.95 Lease No. 16.90.3
 Well (Farm) No. 5 Serial No. 9080
 Elevation (Spirit Level) 1080.50'
 Quadrangle BALD KNOB - NE 5509 W 2 77
 County RALEIGH District MARSH FORK
 Engineer Robert R. Russell
 Engineer's Registration No. 2529
 File No. 66-29 Drawing No. _____
 Date 3-17-61 Scale 1" = 400'

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

WELL LOCATION MAP
FILE NO. RA-247

+ 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.

Sample 1899-3029

6-6 247 ✓



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 214

Quadrangle Bald Knob

Permit No. RAL-247

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company United Fuel Gas Company
Address P.O. Box 1273; Charleston 25, W. Va.
Farm E. J. Berwind #5 Acres 4236.5
Location (waters) Marsh Fork
Well No. 9080 Elev. 1080.50
District Marsh Fork County Raleigh
The surface of tract is owned in fee by _____
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
18			
13 3/8		15 1/2	
10 3/4		599'	Size of
8 5/8	1483'	Pulled	
xx 4 1/2	Cement	3015'	Depth set
2 3/8	2994'	Pulled	Perf. top
Liners Used			Perf. bottom
			Perf. top
			Perf. bottom

Mineral rights are owned by New River & Pocahontas Consolidated
Plaza Coal Co.
Suite 600 Two Penn Cent Philadelphia 2, Penna

Drilling commenced 8-1-61
Drilling completed 10-20-61

Date Shot _____ From _____ To _____
With _____

Open Flow 8 /10ths Water in 2 Inch
/10ths Merc. in _____ Inch

Volume 119,000 - Weir & Berea Cu. Ft.
Rock Pressure 530 lbs. 48 hrs.

Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

WELL FRACTURED _____

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT <u>60</u> FEET <u>24</u> INCHES			
_____	FEET _____ INCHES _____	FEET _____	INCHES _____
_____	FEET _____ INCHES _____	FEET _____	INCHES _____

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water 94-99'; 160-167' Feet 185'; 700'; 718' Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	15	Water 94-99'	1 bailer per hour	
Slate			15	33			
Sand			33	60	Water 160-167'	3 1/2 bailers per hour	
Coal			60	62			
Slate			62	89	Hole full water	185'	
Sand			89	116			
Slate			116	205	Water sand	700'	
Sand			205	230			
Slate			230	405	Hole full water	718'	
Gritty Lime			405	420			
Slate			420	432	Show gas in	Big Lime	
Sand			432	446			
Slate			446	472	Show gas in	Weir Sand	
Sandq			472	515			
Slate & Shells			515	565	Perforated at	2982-2987'	
Sand			565	606			
Slate & Shells			606	646	Fractured Berea	11-8-61 with 338 bbls. fluid and 28,000# 20-40 sand	
Lime			646	691			
Sand			691	785			
Lime			785	805			
Sand			805	845	Perforated at	2606-2610' and 2615-2618'	
Slate			845	860			
Lime			860	870	Fractured Weir	11-8-61 with 397 bbls. fluid and 14,000# 20-40 sand	
Sand			870	1188			
Slate			1188	1241	Final open flow when shut in	8/10 W 2"	
Sand			1241	1389			
Slate			1389	1474			
Sand & Lime			1474	1483			
Slate			1483	1512			
Lime			1512	1580			

(over)

Formation	Color	Hard or Soft	Top <i>24</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1580	1635			
Red Rock			1635	1658			
Lime			1658	1721	Shut in 11-20-61 in 4 1/2'		3/8" Tubing.
Red Lime			1721	1751			
Lime			1751	1766			
Red Rock			1766	1797			
Lime			1797	1860			
Red Rock			1860	1893	LOGS RUN:		
Lime			1893	1925	Gamma Ray		
Red Rock			1925	1945	G. G. Density		
Lime			1945	1982	Induction		
Slate & Shells			1982	2047	Temperature		
Maxon Sand			2047	2104			
Slate			2104	2146			
Lime L.P.			2146	2170			
Pencil Cave			2170	2200			
Big Lime			2200	2524			
Red Injun			2524	2545			
Slate			2545	2590			
Weir Sand			2590	2790			
Slate			2790	2869			
Coffee Shale <i>Sunbury</i>			2967	2982			
Berea Sand			2982	2994			
Slate			2994	3043			
Total Depth			3043'				

Date January 24, 19 62

APPROVED UNITED FUEL GAS COMPANY, Owner

By *L. J. Farrell*
(Title)
Supt., Civil Engineering Dept.