

Latitude  $38^{\circ} 30'$

$2.275$   
 $0.15 W$

Longitude  $81^{\circ} 45'$

POCA RIVER

G. S. MARTIN

Stake Near Fence.  
Ash Witness.

$N 62^{\circ} 15' W$   
610'

Fence Corner On Ridge  
Small White Oak Witness.

G. L. LEMON ET. AL.

A. O. CARNEY ET. AL.

3453

$S 91^{\circ} 45' W$   
520'

$N 33^{\circ} 45' W$   
560'

Fence Corner  
 $N 33^{\circ} 45' E - 112'$   
Fence Corner

BENCH MARK

A. O. CARNEY

U. S. G. S. Bronze Disc In Concrete Monument  
West Side Of Poca River Road. Stamped TT29686  
Elev. 605.00'

ACCURACY: One Part In 200

- Fracture
- Before 6/5/27
- New Location
- Drill Deeper
- Redrill
- Abandonment

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by Paragraph 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.

The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

PROVEN ELEVATION 605.00'

Company UNITED FUEL GAS CO.  
 Address CHARLESTON, W. VA.  
 Farm A. O. CARNEY, ET. AL.  
 Tract \_\_\_\_\_ Acres 321.60 Lease No. 52046 ET. AL.  
 Well (Farm) No. \_\_\_\_\_ Serial No. 3453  
 Elevation (Spirit Level) 650.08'  
 Quadrangle SAINT ALBANS NE  
 County PUTNAM District POCOTALICO  
 Engineer Adrian E. Lindman  
 Engineer's Registration No. 2930  
 File No. 54-67 Drawing No. \_\_\_\_\_  
 Date MAR. 22, '67 Scale 1" = 400'

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

WELL LOCATION MAP  
FILE NO. Put-727

+ 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.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Saint Albans  
Permit No. PUT-727

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company <u>United Fuel Gas Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>P. O. Box 1273 Charleston, W. Va. 25325</u>	Size			Kind of Packer
Farm <u>A. O. Carney, et al</u> Acres <u>361.6</u>	16			
Location (waters) <u>Poca River</u>	13 <u>3/8</u>	<u>65' Cemented with 100 sacks</u>		
Well No. <u>9453</u> Elev. <u>850.08'</u>	10	<u>1947' Cemented from 1970-1330'</u>		Size of
District <u>Pocatalico</u> County <u>Putnam</u>	<del>9</del> <u>9-5/8"</u>	<u>5492' Cemented from 5509-4500'</u>		Depth of
The surface of tract is owned in fee by	<del>7</del>			
Address	<u>3/16</u>			
Mineral rights are owned by <u>Estate of A.O. Carney, et al</u>	<u>4 1/2</u>			
<u>Dunbar Lumber Co.</u> Address <u>Dunbar, W. Va. 25064</u>	<u>3</u>			Perf. top
Drilling commenced <u>6-5-67</u>	<u>2 3/8"</u>		<u>5509'</u>	Perf. bottom
Drilling completed <u>6-13-67</u>	Liners Used			Perf. top
Date Shot <u>-</u> From <u>-</u> To <u>-</u>				Perf. bottom
With				

Open Flow /10ths Water in \_\_\_\_\_ Inch  
 /10ths Merc. in \_\_\_\_\_ Inch  
 Volume 28,000 - Newburg MCF Cu. Ft.  
 Rock Pressure 2225 lbs. 48 hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Attach copy of cementing record.  
 CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 Amount of cement used (bags) \_\_\_\_\_  
 Name of Service Co. \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

WELL ACIDIZED (DETAILS) \_\_\_\_\_  
 WELL FRACTURED (DETAILS) \_\_\_\_\_  
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) \_\_\_\_\_  
 ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS \_\_\_\_\_  
 Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
 Producing Sand Newburg Depth 5547

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand and Shale			75	1245	Gas in Oriskany 3/10 W 2"	73 M	
Sand			1245	1725			
Lime			1725	1865	Show sulphur gas 5025'		
Injun			1865	1900			
Shale & Sand			1900	1975	Gas 5547' 42# Spring gauge thru 4"		
Shale			1975	2275	21,000 M increased to 28,000		
<del>Shale</del> Shale & Shells			2275	3020			
Shale			3020	4735	<del>NO</del> NO TREATMENT		
Corniferous Lime			4735	4813			
Oriskany			4813	4883	FINAL OPEN FLOW- 28,000 M - Newburg		
Lime & Shale			4883	5547	48 Hr. R.P. 2225#		
Newburg			5547	5560			
Total Depth			5560'		Shut in 6-13-67 in 2-3/8" tubing.		

