



BENCH MARK DESCRIPTION
 U.S.G.S., U.E. 800.5
 □ painted on north headwall
 of culvert at intersection
 of old Route No. 60 and with
 Route No. 60 half way down
 east side of Coal mountain.
 Elevation 800.5'

Accuracy of one part in 200

- New Location
- Drill Deeper
- Abandonment

APR 29 1963

Paul E. Joachim

Company	UNITED FUEL GAS CO.	
Address	CHARLESTON, W.VA.	
Farm	W.E. WALL	
Tract	Acres 151	Lease No. 30485
Well (Farm) No.	Serial No. 4185	
Elevation (Spirit Level)	932.59'	
Quadrangle	SAINT ALBANS	
County	PUTNAM	District SCOTT
Engineer	<i>Paul E. Joachim</i>	
Engineer's Registration No.	669	
File No.	46-63	Drawing No.
Date	4-1-63	Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. PUT-109-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.

6-6 ~~Burkett St. Thomas (212)~~
 Scott Depot



079 109A

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle St. Albans

WELL RECORD

Oil or Gas Well Gas
(KIND)

Permit No. 72-109A

Company United Fuel Gas Company
Address P.O. Box 1273 Charleston 25, W. Va.
Farm W. E. Wells Acres 151
Location (waters) Poplar Fork
Well No. 4185 Elev. 982.59'
District Scott County Putnam
The surface of tract is owned in fee by _____
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>Anchor</u>
13		<u>17 1/2</u>	Size of
10			<u>3" x 5-5/16" x 16"</u>
8 1/4	<u>1011</u>	<u>Pulled</u>	Depth set
6 3/4	<u>1769 1/2</u>	<u>Pulled</u>	<u>29</u> <u>2429'</u>
3 3/16		<u>2009</u>	Perf. top
3		<u>64</u>	Perf. bottom
2		<u>2454</u>	Perf. top
Liners Used			Perf. bottom

Mineral rights are owned by Arta W. Fleming
116 Ninth Avenue. Address South Charleston, W. Va.
Drilling commenced Jan. 16, 1926
Drilling completed March 18, 1926
Date Shot 3-20-26 From 2437 To 2453
With 3-1/2" x 16' - 30 qt.

Open Flow 30 10ths Water in 1 Inch
/10ths Merc. in _____ Inch
Volume 65,160 Cu. Ft.
Rock Pressure 550 lbs. hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT	FEET	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			0	17			
Sand			17	160			
Slate			160	180			
R. Rock			180	180			
Sand			210	230			
Red Rock			230	250			
Sand			250	340			
Slate & Shells			340	515			
Sandy Lime			515	670			
Sand			670	700			
Slate			700	725			
Sand			725	820			
Slate & Shells			820	1010			
Lime			1010	1020			
Slate			1020	1225			
Salt Sand			1225	1718			
Sandy Lime			1718	1757			
Big Lime			1757	1940			Steel Line Measurements
Injun Sand			1940	2000			
Weir Sand			2000	2187			
Slate & Shells			2187	2429			
Berea Sand			2429	2454			Steel line Measurements
Total Depth			2496'				" " "



(over)

Abandoned 4-25-63