



Longitude 81° 37' 30"

JOHN RAY

EDNAH J. KNIGHT ET. AL.

ICY PRITT ET. AL.

Point in center of Tupper Creek.

Large Maple stump in old fence line. White Oak wit.

Stake west edge of old road. Beech wit.

Stake west edge of old road. Hickory wit.

Stake. Pine wit.

75
0615 map
2.25s
1.16w

BENCH MARK DESCRIPTION
 U.S.G.S. standard disk stamped J-98-1956 in north abutment of Iron Bridge along state Route No. 32 over Pocatalico River and 1 mile North of intersection of Route No. 21 Elev. 616.00'

Degree of Accuracy
 one part in 200

- Fracture Before 6/5/29
- 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.

Company UNITED FUEL GAS CO.

Address CHARLESTON, W.VA.

Farm EDNAH J. KNIGHT ET. AL.

Tract _____ Acres 250 Lease No. _____

Well (Farm) No. _____ Serial No. 9499 P.I.

Elevation (Spirit Level) 711.11'

Quadrangle KENNA 5C

County KANAWHA District POCA

Engineer William E. Buchanan

Engineer's Registration No. 2330

File No. 60-69 Drawing No. _____

Date 7-30-68 Scale 1" = 400'

63584
62944
62892
62413
63024
63057
62338
62943

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

WELL LOCATION MAP
 FILE NO. KAN-2296

+ 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.

United Fuel Gas Company
 Star Gas Company
 Spartan Gas Company
 Goldie Estelle Glass

64.5452%
 27.7525%
 3.7375%
 1.9824%

Minerva O'Dell)
 Lorin O'Dell)
 Olive Culpepper)

1.9824%



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

Rotary
 Spudder
 Cable Tools
 Storage

Oil or Gas Well Gas (KIND)

Form OG-10

Quadrangle KENNA Sissonville

Permit No. KAN-2296

WELL RECORD

Company United Fuel Gas Company
 Address P.O. Box 1273 Charleston, W. Va. 25325
 Farm Edna J. Knight ET AL Acres 250
 Location (waters) Tupper Creek
 Well No. 9499 PI Elev. 711.11 GL
 District Poca County Kanawha
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by * Edna J. Knight
 Address Sissonville, W. Va.
 Drilling commenced 8-17-68
 Drilling completed 8-24-68
 Day Shot Not Shot From _____ To _____
 Well _____
 Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
 Volume 30 Mcf Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) _____
 WELL FRACTURED (DETAILS) Mud 1000 Gallons 2200# Pressure Fill up 8000 Gallons 3000# Pressure
Treating 21,370 Gallons 1100# Pressure Over Flush 9000 Gallons 4100# Pressure
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) 67 Mcf
 ROCK PRESSURE AFTER TREATMENT 2011.1# Dead Weight 24 HOURS 67,000.000 67,000 Mcf
 Fresh Water 200 Feet _____ Salt Water 1050 Feet _____
 Producing Sand Newburg Depth 5591

Attach copy of cementing record.
 CASING CEMENTED 7" SIZE 5545 No. Ft. _____ Date _____
 Amount of cement used (bags) 150
 Name of Service Co. Dowell
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES
 _____ FEET _____ INCHES
 _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sd & Red Rock			0	210			
Sd & Shale			210	700	Wet @ 200'		
Salt Sand			700	950			
Sd & Shale			950	1000			
Salt Sand			1000	1430	Water 1050'		
Sd & Shale			1430	1500			
Pig Lime			1500	1660			
Injun			1660	1725			
Shale			1725	2125			
Berea			2125	2135			
Shale			2135	4705			
Cornif.			4705	4805			
Criskany			4805	4850	Show Gas		
Dolomite			4850	5586			
Newburg			5586	5591	Gas		
Total Depth							

5586 5586
 4805 724
 781 4862

Test before fracturing: 30 Mcf
 Final Open Flow: 67 Mcf (Four Point
 Potential Test) Dead Weight 2011.1#
 Shut in 7" casing 8-27-68
 Casing Points:
 3-3/8" - 126' - 75 Bags Cement
 9-5/8" - 1716' - 700 Bags Cement
 7" - 5545' - 150 Bags Cement
 No logs run

Date - November 22, 1968

Approved - UNITED FUEL GAS COMPANY, Owner
 By: Adman E. Chapman Supt., Civil Engr. Dept.

