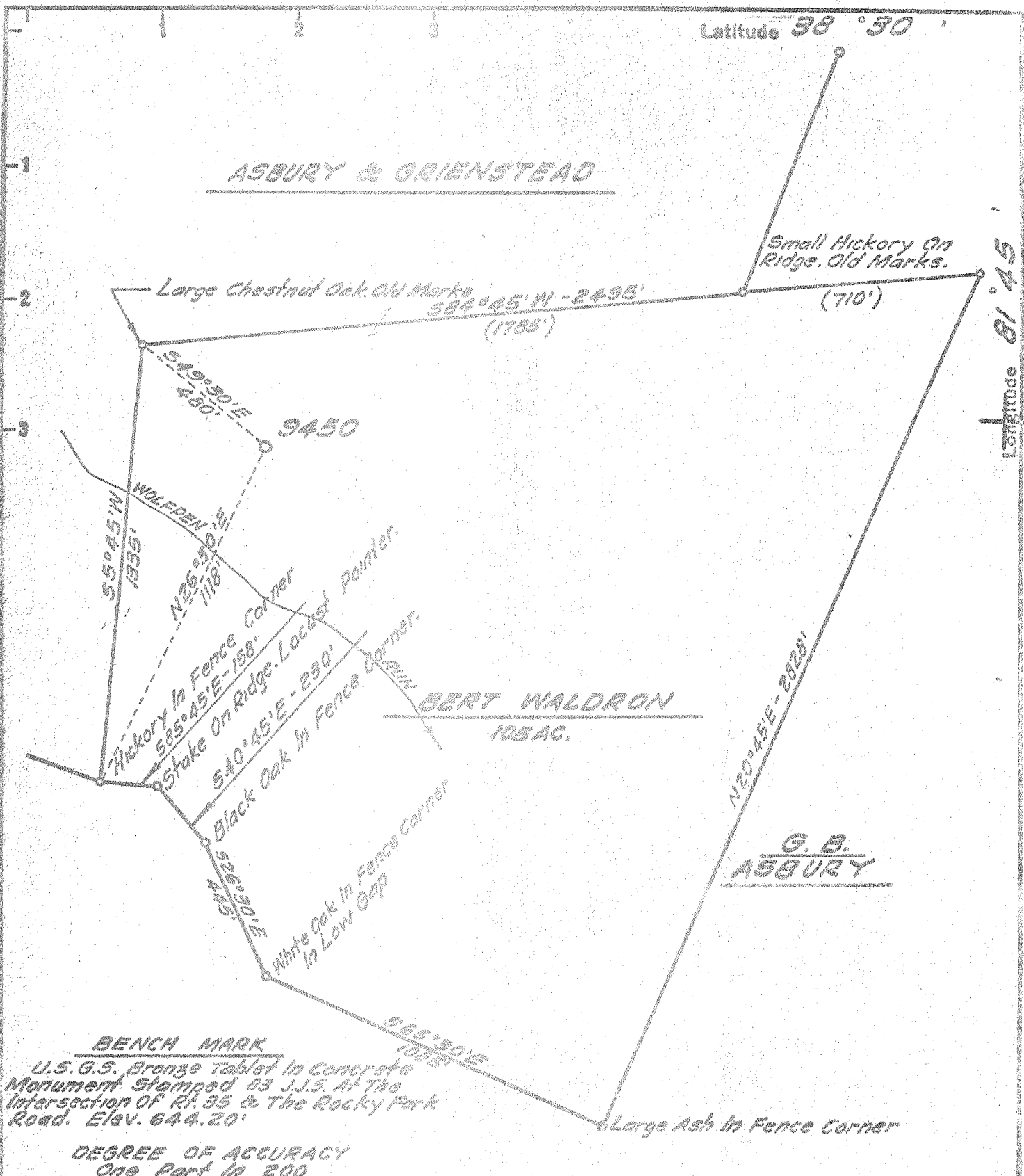


2/2/1000



**BENCH MARK**  
 U.S.G.S. Bronze Tablet in Concrete Monument Stamped 83 J.J.S. At The Intersection Of Rt. 35 & The Rocky Fork Road. Elev. 644.20'

**DEGREE OF ACCURACY**  
 One Part in 200

Fracture Before 6/5/27   
 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 644.20'

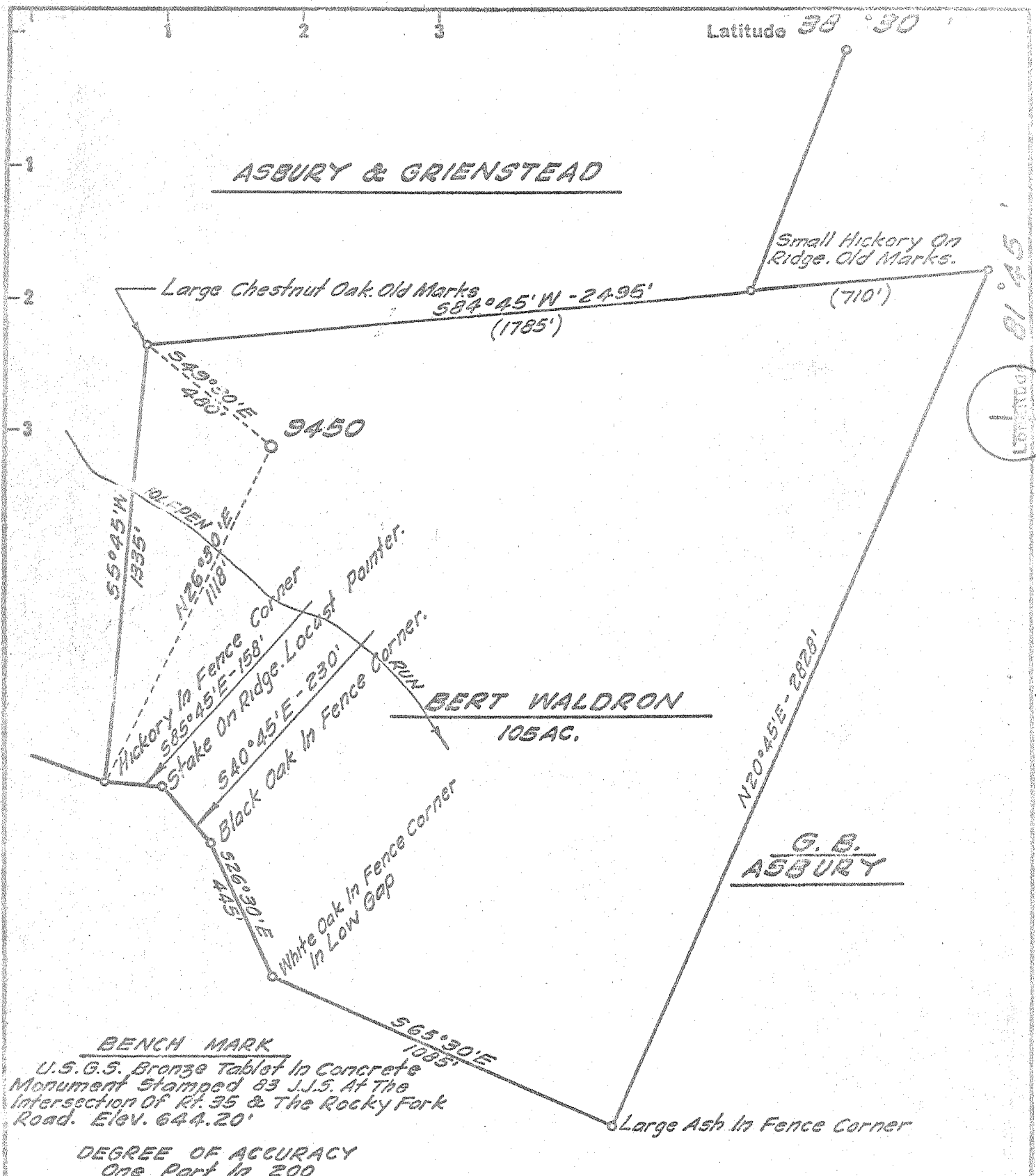
Company UNITED FUEL GAS CO.  
 Address CHARLESTON, W. VA.  
 Farm BERT WALDRON ET. AL.  
 Tract \_\_\_\_\_ Acres 302 Lease No. 52352 ET AL.  
 Well (Farm) No. \_\_\_\_\_ Serial No. 9450  
 Elevation (Spirit Level) 894.73'  
 Quadrangle SAINT ALBANS NE  
 County KANAWHA District UNION  
 Engineer O. J. Spinks  
 Engineer's Registration No. 2712  
 File No. 54-65 Drawing No. \_\_\_\_\_  
 Date JAN. 9, '67 Scale 1" = 400'

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

**WELL LOCATION MAP**  
 FILE NO. KAN-2097-P\*  
 Revised WORK ORDER - 2/3/72

+ 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.



**BENCH MARK**  
 U.S.G.S. Bronze Tablet in Concrete  
 Monument Stamped 83 J.S. At The  
 Intersection Of Rt. 35 & The Rocky Fork  
 Road. Elev. 644.20'

**DEGREE OF ACCURACY**  
 One Part In 200

- Fracture Before 6/5/27
- Drill Deeper
- Redrill
- Abandonment
- Partial Plugging  June 7, 1969

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 644.20'

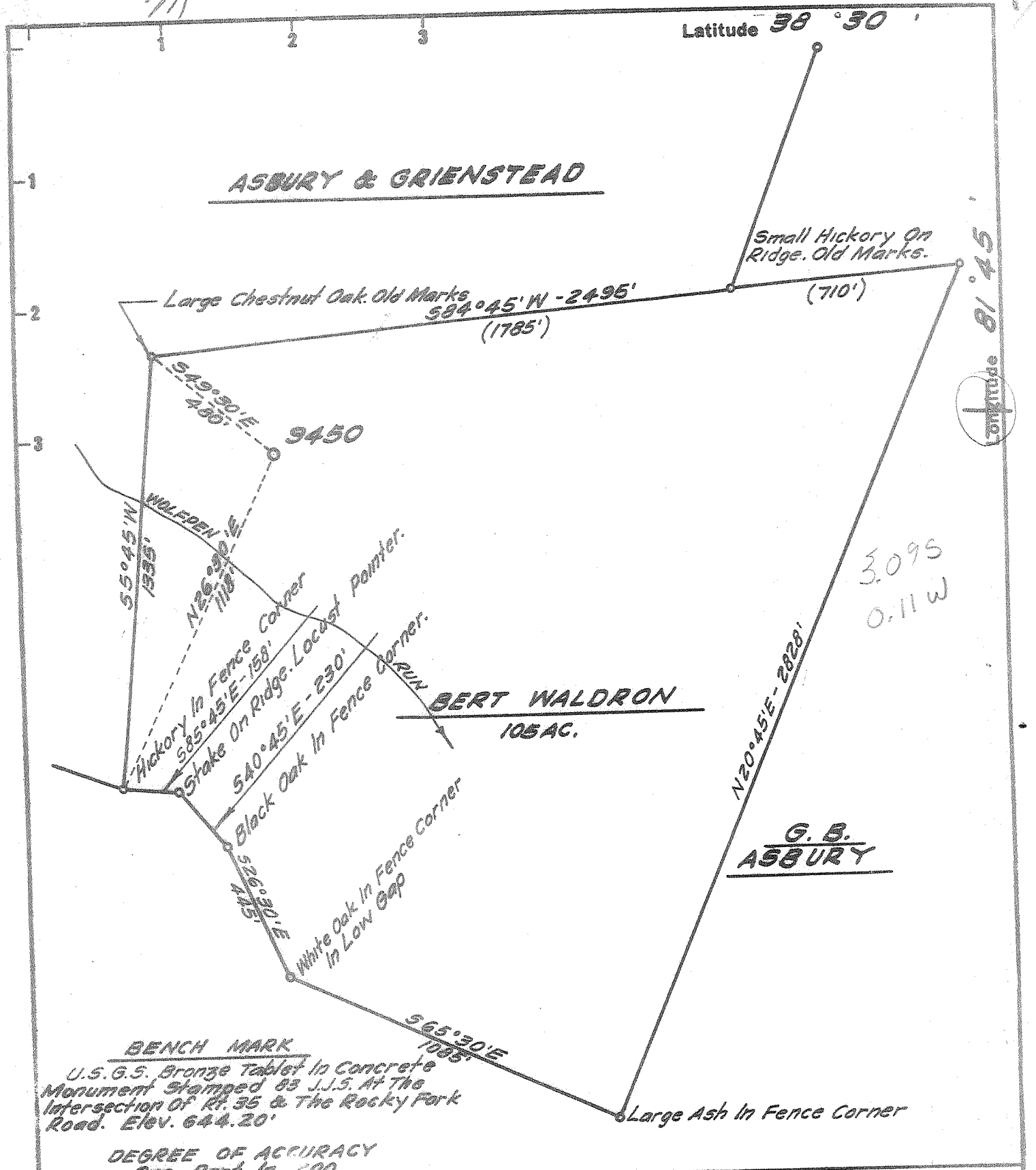
Company UNITED FUEL GAS CO.  
 Address CHARLESTON, W. VA.  
 Farm BERT WALDRON ET. AL.  
 Tract \_\_\_\_\_ Acres 302 Lease No. 52352 ET AL.  
 Well (Farm) No. \_\_\_\_\_ Serial No. 9450  
 Elevation (Spirit Level) 894.73'  
 Quadrangle SAINT ALBANS NE  
 County KANAWHA District UNION  
 Engineer O. J. Spinks  
 Engineer's Registration No. 2712  
 File No. 54-65 Drawing No. \_\_\_\_\_  
 Date JAN. 9, '67 Scale 1" = 400'

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

**WELL LOCATION MAP**  
 FILE NO. KAN-2097-PP

+ 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.



DEGREE OF ACCURACY  
One Part in 200

Fracture	<input type="checkbox"/>
Before 6/5/27	<input type="checkbox"/>
New Location	<input checked="" type="checkbox"/>
Drill Deeper	<input type="checkbox"/>
Redrill	<input type="checkbox"/>
Abandonment	<input type="checkbox"/>

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 644.20'

Company UNITED FUEL GAS CO.  
 Address CHARLESTON, W. VA.  
 Farm BERT WALDRON ET. AL.  
 Tract \_\_\_\_\_ Acres 302 Lease No. 52352 ETAL.  
 Well (Farm) No. \_\_\_\_\_ Serial No. 9450  
 Elevation (Spirit Level) 694.73'  
 Quadrangle SAINT ALBANS - NE  
 County KANAWHA District UNION  
 Engineer O. J. Spinks  
 Engineer's Registration No. 2712  
 File No. 54-65 Drawing No. \_\_\_\_\_  
 Date JAN. 9, '67 Scale 1" = 400'

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

WELL LOCATION MAP  
 FILE NO. KAN-2097

+ 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. KAN-2097

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company United Fuel Gas Company  
Address P.O. Box 1273 Charleston, W. Va. 25325  
Farm Bert Waldron, et al Acres 302 Merged

Location (waters) Wolfpen Run  
Well No. 9450 Elev. 894.73'  
District Union County Kanawha

The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Berry V. Conley, et al  
1510 Kanawha Blvd. W. Address Charleston, W. Va.

Drilling commenced 3-2-67  
Drilling completed 3-9-67  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

With \_\_\_\_\_  
Open Flow 18 /10ths Water in \_\_\_\_\_ Inch  
18 /10ths Merc. in 4 Inch  
Volume 2,627,000 Newburg Cu. Ft.  
Rock Pressure 2220 lbs. 72 hrs.

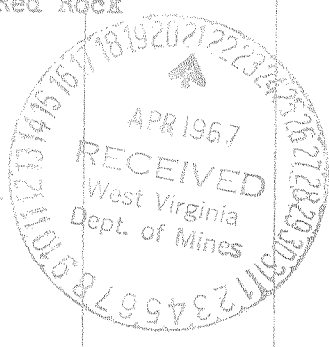
Oil \_\_\_\_\_ bble., 1st 24 hrs.  
WELL ACIDIZED (DETAILS) \_\_\_\_\_  
WELL FRACTURED (DETAILS) \_\_\_\_\_

RESULT AFTER TREATMENT (Initial open Flow or 1 bbl.) \_\_\_\_\_  
ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS \_\_\_\_\_  
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Newburg Depth \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
16			Kind of Packer
13 3/8" 6'	Cemented with 100		sacks neat
10			Size of
2 1/2" 1965'	Cemented with 700		sacks
2 1/2" 1965'	Cemented with 100		sacks neat
2 1/2" 5495'	Cemented with 150		sacks neat
3			Perf. top
2 "		5531'	Perf. bottom
Liners Used _____			Perf. top
			Perf. bottom

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

Formation	Color	Hard or Soft	Top	Bottoms	Oil, Gas or Water	Depth	Remarks
Sand & Shale			0	100	Show of gas in Oriskany		
Sand, Shale & Red Rock			100	435			
Sand & Shale			435	1285	Gas 5571-5575' 1,100 Mcf - Newburg		
Sand			1285	1330			
Shale & Sand			1330	1425			
Sand - Salt			1425	1665	Fractured Newburg 3-15-67 with 17,000		
Shale			1665	1800	20-40 sand, 1,000 gallons acid, 765 bbl		
Line - Big Lime			1700	1875	water.		
Sand - Iron			1875	1915	Final open flow after fracture - 18,10		
Shale & Sand			1915	1970	Merc. 4" 2,627 Mcf		
Line & Shale			1970	2330			
Shale			2330	4760			
Corniferous Lime			4760	4835	Shut in 3-15-67 in 2-3/8" tub		
Oriskany			4835	4885			
Lime & Chert			4885	5300			
Dolomite			5300	5490	LOGS RUN:		
Anhydrite			5490	5500	Gamma Ray		
Dolomite			5500	5567	Comp. Density		
Newburg			5567	5580			
Dolomite			5580	5599			
Shale - McKenney's Rock			5599	5800	5567		
Keefer			5800	5842	295		
Shale - Rock Hill			5842	6248			
Clinton T.C. - Tubercular			6248	6370			
Total Depth			6370'				
Plugged back to			5650'				



owwo 3-0



RECEIVED

APR 11 1972

OIL & GAS DIVISION DEPT. OF MINES OIL AND GAS WELLS DIVISION

Rotary [x] Spudder [ ] Cable Tools [ ] Storage [ ] Oil or Gas Well Gas - F E Note show (KIND)

Form OG-10

38-30 / 35-35

Quadrangle Saint Albans Permit No. Kan-2097

WELL RECORD

Company Columbia Gas Transmission Corp. (UFG.) Address Charleston, West Virginia Farm Bert Waldron, et, al, Acres 302 Location (waters) Well No. 9450 Elev. District Union County Kanawha The surface of tract is owned in fee by Mineral rights are owned by Drilling commenced Drilling completed Date Shot From To With Open Flow /10ths Water in Inch /10ths Merc. in Inch Volume Cu. Ft. Rock Pressure lbs. hrs. Oil bbls., 1st 24 hrs. 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 Oriskany Depth

Table with columns: Casing and Tubing (Size), Used in Drilling, Left in Well, Packers (Kind of Packer, Size of, Depth set, Perf. top/bottom). Includes entries for sizes 3/8, 9 5/8, 7", 5 3/16, 4 1/2, 3, 2.

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

COMPANY WELL TELEGRAM

FIELD OFFICE Clendenin, W. Va. DATE 3/27/1967

UNITED FUEL GAS COMPANY CHARLESTON 25, W. VA.

WELL NO. 9450 MAP SQ. 34-65 ELEV. 894.73'

UNITED FUEL GAS COMPANY

Bert Waldron FARM Union DISTRICT Kanawha COUNTY W. Va. STATE

COMPLETED DRILLING 3/9/1967 GAS PURCHASE CONTRACT NO. DATE SHUT IN 3/15/1967

FINAL OPEN FLOW MCF 2,627, MCF HORIZON Newburg ROCK PRESSURE 2320# 72 hrs.

Geological log table with columns: Lithology (Sand-Shale, Red Rock, Sand, Shale, Lime, Sand, Shale-Sand, Lime, Shale, Corniferous Lime, Oriskany Sand), Depth (0-100, 100-435, 435-1285, 1285-1330, 1330-1425, 1425-1665, 1665-1700, 1700-1875, 1875-1915, 1915-1970, 1970-2330, 2330-4335), and Notes (Fractured 3/15/1967 with 17,000# of 20-40 sand, 1,600 gals acid, 1,000# J-111, 600# J-04, 20 gals. Proflo-C, 30 gals. F-52, 5300# Potassium Chloride, 765 bbls. water)

owwo 6-0 Telegram refers to Newburg prod. received 5/4/67 at the Survey. Upper half refers to recent (?) frac job on Oriskany, no vol. APR 19 1972

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

RECEIVED  
APR 25 1972  
OIL & GAS DIVISION  
DEPT. OF MINES

PARTIAL  
AFFIDAVIT OF PLUGGING AND FILLING WELLS

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

(United Fuel Gas Company)  
Columbia Gas Transmission Corporation

COAL OPERATOR OR OWNER: Bert E. Waldron  
ADDRESS: 2803 Noyes Avenue, S.E. Charleston, W. Va. 25304

NAME OF WELL OPERATOR: Charleston, West Virginia  
COMPLETE ADDRESS: April 10, 1972  
WELL AND LOCATION: Union District Kanawha County  
Well No. 9450  
Bert Waldron, et al, Farm

STATE INSPECTOR SUPERVISING PLUGGING: Fred B. Burdette, Sissonville, W. Va.

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Kanawha } SS:

Mae G. Ledson

and

John L. Brown

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Columbia Gas Transmission Corp. well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 28 day of February, 1972, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
	Total depth of Well 5650'			
	Filled with Cement 5650' to 401 1/2'	4848'		
	Present Total Depth of Well 401 1/2'	4848'		
COAL SEAMS	DESCRIPTION OF MONUMENT			
(NAME)				
(NAME)				
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 20 day of March, 1972.

And further deponents saith not.

Sworn to and subscribed before me this 13 day of April, 1972.

Mae G. Ledson  
John L. Brown  
D. L. Clark

Notary Public.

Permit No. Kan 2097-PP

My commission expires:  
MY COMMISSION EXPIRES MARCH 5, 1981

G. NO. 1

MAY 5 1972



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

RECEIVED

JUN 12 1972

OIL & GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT. ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

COAL OPERATOR OR OWNER: Columbia Gas Transmission Corporation  
NAME OF WELL OPERATOR

ADDRESS: Charleston, West Virginia  
COMPLETE ADDRESS

COAL OPERATOR OR OWNER: April 19, 19 72  
WELL AND LOCATION

ADDRESS: Union District

ADDRESS: Kanawha County

LEASE OR PROPERTY OWNER: Well No. 9450

ADDRESS: Bert Waldron, et, al Farm

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Kanawha

} ss:

Mac. G. Ledsome

and

Denny Mick

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 17 day of April, 19 72, and that the well was plugged and filled in the following manner:

BAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
Cement from 4848' to 4480' to protect the Oriskany.				
Cut 3" Tubing at 4480' leaving 350' in hole. Leave 5495' of 7" casing in hole cemented back to 4500'. Left 1965' of 9-5/8" casing in hole cemented back to surface.				
Gel from 4480' to 2100'. Perforate 7" casing at 2100' to cement annuls. Cement plug plug from 2100' to 1850' sealing bottom of 9-5/8". Gel from 1850' to 250'.				
Perforate 7" casing at 250' to cement annuls. Top cement plug from 250' to surface.				
Erect Monument as prescribed by law.				
COAL SEAMS (NAME) (NAME) (NAME) (NAME)			DESCRIPTION OF MONUMENT 1 piece 7" Casing 30' above surface. Columbia Gas Trans. Corp. Well 9450. Abandon April 18, 1972	

and that the work of plugging and filling said well was completed on the ~~April~~ 18 day of April, 19 72

And further deponents saith not.

Sworn to and subscribed before me this

day of June, 19 72.

*Mac G. Ledsome*  
*Denny Mick*

*W. J. Clark*

Notary Public.

Permit No. K-11 2097 P

My commission expires: MARCH 5, 1981

MY COMMISSION EXPIRES MARCH 5, 1981

JUN 16 1972