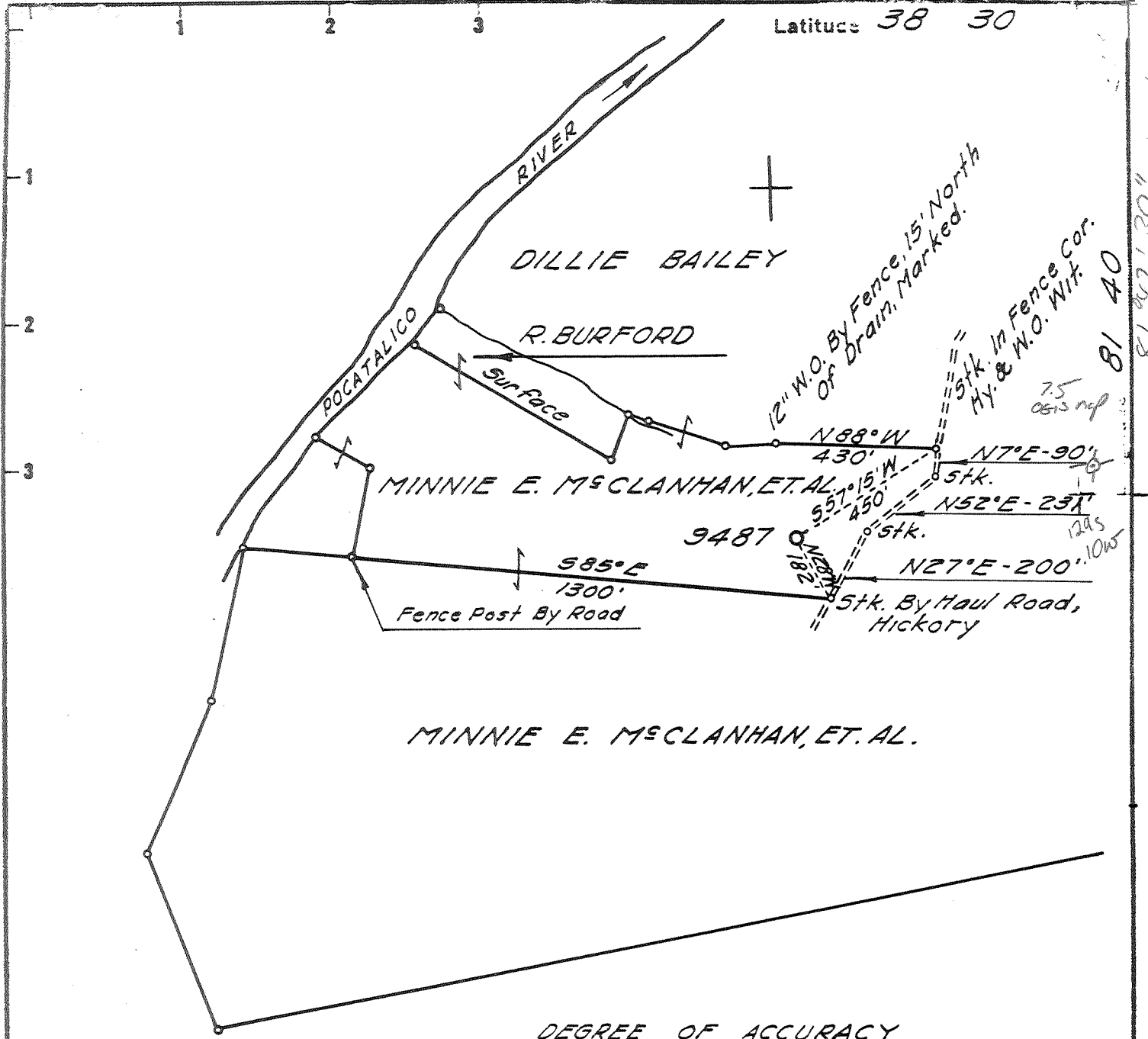


Latitude 38 30



DEGREE OF ACCURACY

One Part In 200

BENCH MARK DESCRIPTION

U. S. G. S. Bronze Tablet in Concrete Monument Stamped TT-26 68 - 1955, Near Mouth Of Utah Hol. Along West Virginia Secondary Rt. No 31. Elev. 616.00'

- 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.

PROVEN ELEVATION 616.00'

Company Columbia Gas Trans. Corp.  
 Address P.O. Box 1273, Charleston, W.V. 25325  
 Farm MINNIE E. McCLANAHAN, ET. AL.  
 Tract \_\_\_\_\_ Acres 279 Lease No. 47874, ET. AL.  
 Well (Farm) No. \_\_\_\_\_ Serial No. 9487  
 Elevation (Spirit Level) 705.53'  
 Quadrangle CHARLESTON, W. VA.  
 County KANAWHA District UNION  
 Engineer O. J. Spinks  
 Engineer's Registration No. 2712  
 File No. 56-67 Drawing No. \_\_\_\_\_  
 Date JAN. 29 '68 Scale 1" = 400'

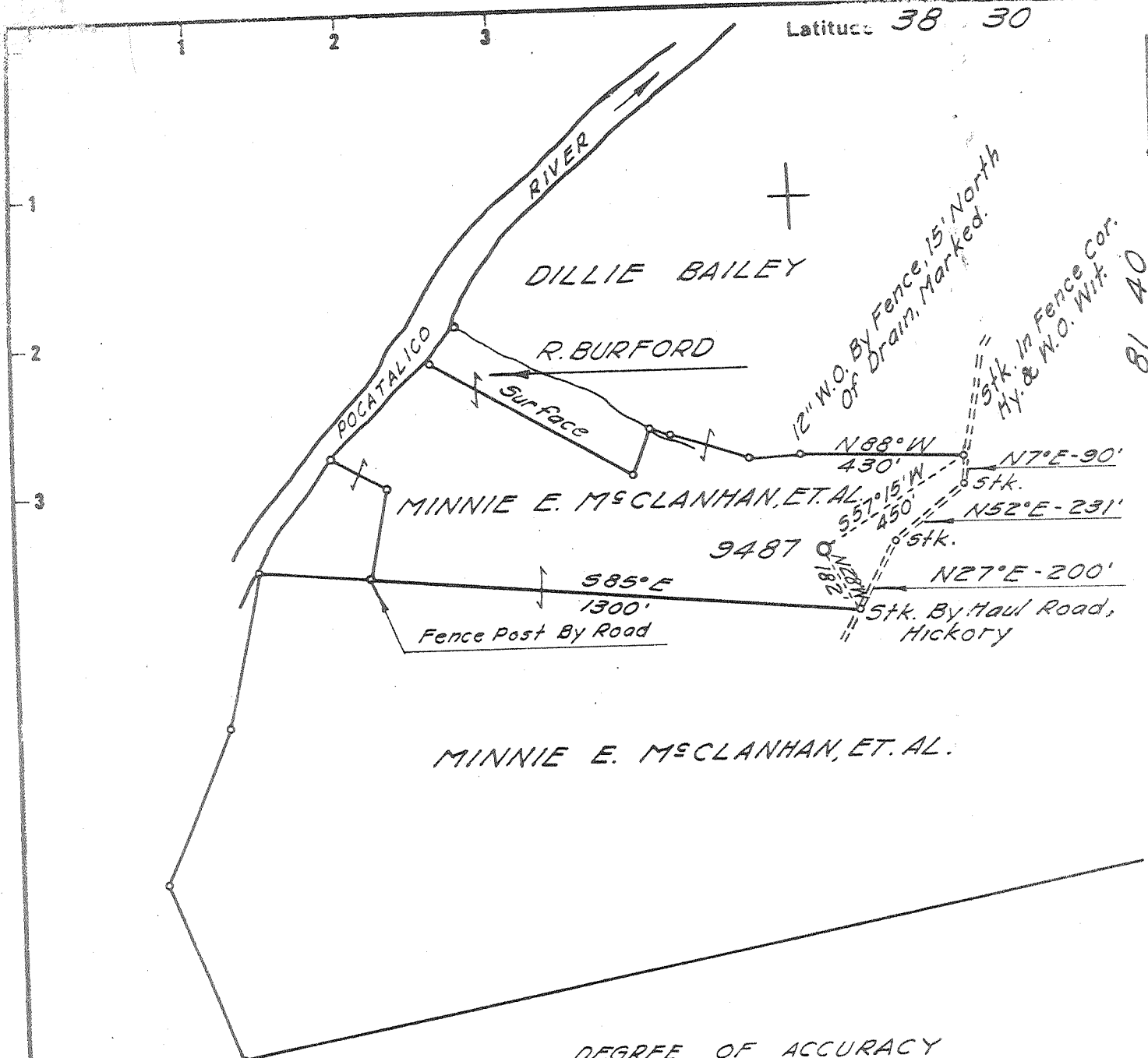
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 FILE NO. KAN-2224-P

+ 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.

Latitude 38 30



DEGREE OF ACCURACY

One Part in 200

BENCH MARK DESCRIPTION

U. S. G. S. Bronze Tablet in Concrete Monument Stamped TT-266B-1955, Near Mouth of Utah Hol. Along West Virginia Secondary Rt. No 31. Elev. 616.00'

Fracture Before 6/3/29.  
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  
**PROVEN ELEVATION 616.00'**

Company UNITED FUEL GAS CO.

Address CHARLESTON, W. VA.

Farm MINNIE E. McCLANAHAN, ET. AL.

Tract \_\_\_\_\_ Acres 279 Lease No. 47874, ET. AL.

Well (Farm) No. \_\_\_\_\_ Serial No. 9487

Elevation (Spirit Level) 705.53' <sup>NW</sup>

Quadrangle CHARLESTON, W. VA.

County KANAWHA District UNION

Engineer O. J. Spinks

Engineer's Registration No. 2712

File No. 56-67 Drawing No. \_\_\_\_\_

Date JAN. 29, '68 Scale 1" = 400'

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

WELL LOCATION MAP  
FILE NO. KAN-2224

+ 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

Deep well (Newburg)

MAR 4 1968



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Charleston  
Permit No. KAN-2224

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>				
Owner <u>Minnie E. McClanahan, et al</u> Acres <u>279 Merger</u>	Size			
Location (waters) <u>Pocatalico River</u>	16			Kind of Packer
Well No. <u>9487</u> Elev. <u>705.53'</u>	13		<u>66'</u>	
District <u>Union</u> County <u>Kanawha</u>	<del>12</del> <u>9</u>		<u>1850'</u>	Size of
The surface of tract is owned in fee by	<u>8 1/4</u>		<u>5493</u>	Depth set
Address	<del>13 1/2</del> <u>7"</u>		<u>5501</u>	
Mineral rights are owned by <u>Minnie E. McClanahan</u>	<u>5 3/16</u>			Perf. top
<u>Route 4, Box 145</u> Address <u>Charleston, W. Va. 25312</u>	<u>2"</u>			Perf. bottom
Drilling commenced <u>March 7, 1968</u>	<u>3</u>			Perf. top
Drilling completed <u>March 14, 1968</u>	<u>2</u>			Perf. bottom
Date Shot From To	Liners Used			Perf. top
With				Perf. bottom

Open Flow 10ths Water in Inch Attach copy of cementing record.  
10ths Merc. in Inch CASING CEMENTED SIZE No. Ft. Date  
 Volume 32,500,000 Cu. Ft. Amount of cement used (bags)  
 Rock Pressure 2182 lbs. hrs. Name of Service Co.  
 COAL WAS ENCOUNTERED AT FEET INCHES  
 FEET INCHES FEET INCHES  
 FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open flow or bbls.) 32,500 McF  
 ROCK PRESSURE AFTER TREATMENT HOURS  
 Fresh Water Feet Salt Water Feet  
 Producing Sand Newburg Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	20			
Sand			20	150			
Sand-Shale			150	580			
Shale			580	1154			
Sand-Shale			1153	1500			
Maxon Sand			1500	1535			
Big Lime			1535	1715			
Injun Sand			1715	1755			
Shale			1755	2035			
Berea			2035	2045			
Shale			2045	4638			
Corniferous Lime			4638	4728			
Oriskany			4728	4759			
Lime			4759	5150			
Dolomite			5150	5478			
Newburg			5478	5495			
Dolomite			5495	5515			

*McKenzie*



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

RECEIVED

NOV 1 - 1984

OIL & GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL DEPT. OF MINES

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.

Not operated	Columbia Gas Transmission Corp.
COAL OPERATOR OR OWNER	NAME OF WELL OPERATOR
	P. O. Box 1273, Charleston, WV
ADDRESS	COMPLETE ADDRESS
W. K. Hathaway, et. al.	October 23, 1984
COAL OPERATOR OR OWNER	WELL AND LOCATION
Route 4, Box 356-A, Charleston, WV	Union District
ADDRESS	
Minnie E. McClanahan	Kanawha County
LEASE OR PROPERTY OWNER	
	Well No. 9487
ADDRESS	Minnie E. McClanahan Farm

STATE INSPECTOR SUPERVISING PLUGGING.....

AFFIDAVIT

STATE OF WEST VIRGINIA, }  
County of Kanawha } SS:

Michael Friend and Larry Friend 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 11 day of September, 1984, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL	PLUGS USED	CASING	
			CSG PULLED	CSG LEFT IN
FORMATION	Cement 5500'-5200'			
Newburg	Gel 5200'-4810'			
5495-5478	Bridge Plug 4810'	Baker Types 7"		
	Cement 4810'-4110'			
	Gel 4110'-2050'			
	Bridge Plug 2050'	Baker types 9-5/8"		
	Cement 2050'-1665'	7" csg.	2050	3393'
	Gel 1665'-1100'			
	Cement 1100'-1000'			
	Gel 1000'-250'	9-5/8" csg.		1815'
	Cement 250'-surface	13-3/8" csg.		66'
COAL SEAMS				
(NAME)		DESCRIPTION OF MONUMENT		
(NAME)		5 1/2" O.D. 36" Riser stating		
(NAME)		Columbia Gas - Well # 9487		
(NAME)		P & A - 9-15-84		
(NAME)				

and that the work of plugging and filling said well was completed on the 15 day of September, 1984.

And further deponents saith not.

Sworn to and subscribed before me this 23 day of October, 1984.

My commission expires: August 13, 1989

*Michael Friend*  
*Larry Friend*  
*Larry A. Burdette*  
Notary Public.

Permit No. 47-039-2224