



IDA CALDWELL & COLTON, MIN. PT. 38002 - 20289-T

BENCH MARK DESCRIPTION
 HONOL RIVER (BASE) T. 1100
 S.S. CAR. ON NEW P.E. BRIDGE
 OVER JENNIE CREEK NEAR
 CROWN, W. VA. U.S. 507 T. - RY 134
 ELEV. 629.85'

COAL NOTE
 COAL LEASED TO AND OPERATED BY
 BUFFALO MINING CO. LOCATION WILL
 BE IN THE SOLID COAL SEAM OPER-
 ATED IS AT APPROX. 380' ELEVATION.

- New Location
- Storage
- Drill Deeper
- Abandonment
- Re-Drill/Fracture

"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 the rules and regulations of the oil and gas section of the mining laws of WEST VIRGINIA. Minimum degree of accuracy is one part in 200

L.S.# 102
 BOX 1273 CHARLESTON, W. VA.
 Signed *Shirley J. Carter*

Company COLUMBIA GAS TRADING CORP.
 Address BOX 1273 CHARLESTON, W. VA.
 Farm CALDWELL & COLTON, MINERAL
 Lease PT. 38002 Acres 20289-T
 Well Farm No 67 Ser. No. 20289-T
 Elevation - Spirit Level 755.84'
 Quadrangle WEBB, W. VA. - KY., Nougatuck 15'
 Township or District LINCOLN
 Range WAYNE
 Sec. Lot Or 1 R 1
 Coordinate LAT. 37°53'27" LONG. 82°23'44"
 File No 20-27 Dwg. No. 6
 Date JULY 1, 1975 Scale 1" = 660'

WELL LOCATION MAP
STATE OF WEST VIRGINIA
 (+) Denotes Values Of Well On United States Topographic Maps
WAY - 1581
 Scale 15' 7 1/2'

47-099

Deep well 66' Cum-Kermit (243)

OCT 14 1975

Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	Gray	Hard	1930	2032			
Shale	Brown	Soft	2032	3191			Well Plugged Back to 2865'
Lime	Gray	Hard	3191	4005			
Total Depth -				4005'	<i>Corniferous</i>		
<p>All gas tested 80/10 water 2" opening at total depth.</p> <p>30' of 13-3/8" casing cemented with 15 sacks by hand on October 4, 1975.</p>							
			$\begin{array}{r} 4005 \\ - 755 \\ \hline 3250 \end{array}$	$\begin{array}{r} 3191 \\ - 755 \\ \hline 2436 \end{array}$			

Date January 25, 19 78

APPROVED *[Signature]*, Owner
 By Director, Exploration and Development
 (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

AUG 4 1975

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

Surface Owner James E. Martin
Address Crum, West Virginia
Mineral Owner Wayne County Land & Mineral Co.
Address Rm. 1115, First Huntington Nat'l Bank
Huntington, WV Same as above
Coal Owner Buffalo Mining Company
Address Lyburn, W. Va.

DATE July 31, 1975
Company COLUMBIA GAS TRANSMISSION CORPORATION
Address P. O. Box 1273, Charleston WV 25325
Farm Caldwell & Colton, Mineral Acres 13,500
Location (waters) _____
Well No. 20289-T Elevation 755.84'
District Lincoln County Wayne
Quadrangle Webb, W. Va.-Ky.

IT MUST BE POSTED AT THE WELL SITE

Plans being in accordance with Chapter 22,
W. Va. Code, the location is hereby approved
drilling. This permit shall expire if
plans have not commenced by 2-1-76

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Kenneth Butcher
PH: 736-4885 ADDRESS Barboursville, W. Va.

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated May 1 1931 by E. D. Caldwell & Frank T. Clark made to Columbia Gas Trans. Corp. and recorded on the 10th day of September 1931, in Wayne County, Book 25 Page 471

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, COLUMBIA GAS TRANSMISSION CORPORATION

(Sign Name) [Signature]
Well Operator
Director, Exploration & Development
Post Office Box 1273
Charleston
West Virginia 25325

PLEASE SUBMIT COPIES OF ALL
GEOLOGICAL LOGS DIRECTLY TO:
West Virginia Geological and Economic Survey
P. O. Box 973
Martinsburg, W. Va. 26505
AC 304-296-4461

Address
of
Well Operator

*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

WAY-1581 PERMIT NUMBER

47-099

