

BENCH MARK DESCRIPTION
 U.S. GOVERNMENT STANDARD DISK
 #82 - J.E.A. - 1963 NEAR FORKS OF
 ROAD NEAR OVARA, W.VA. ELEV.
 864'

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

ENGR. REG. NO. 2330 Signed [Signature]
 BOX 1273 CHARLESTON, W.VA.

Company COLUMBIA GAS TRANS. CORP.
 Address BOX 1273 CHARLESTON, W.VA.
 Farm P.D. SUMMERS, HRS. BRALEY (SURF.)
 Lease 17214, 16933, 16934 Acres 135
 Well Farm No. 21 Ser. No. 20316
 Elevation - Spirit Level 1123.48 SC
 Quadrangle 7 1/2 NEWTON, W.VA. / OTHER 15'
 Township or District HENRY
 County CLAY
 Sec., Lot, Qr. _____ T _____ R _____
 Coordinates LAT. 38° 31' 28" LONG. 81° 09' 30"
 File No. 86-71 Dwg. No. _____
 Date SEPT. 3, 1975 Scale 1" = 400'

WELL LOCATION MAP
STATE OF WEST VIRGINIA
 (+) Denotes Values Of Well On United States Topographic Maps
CLA-1128
 Scale 15' 7 1/2'

47-015



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

Quadrangle Newton
Permit No. CLA-1128

Rotary X Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ Evaluation
(Kind)

Company COLUMBIA GAS TRANS. CORP.
Address Box 1273, Chas., WV 25325
Farm P.M. Summers #21 Acres 135
Location (waters) Summers Fork
Well No. 20316 Elev. 1123.48
District Henry County Clay
The surface of tract is owned in fee by Linda Braley

Address Ovapa, WV 25150
Mineral rights are owned by R. A. Rowland
Address Mt. Vernon, Ohio
Drilling Commenced 8/13/75
Drilling Completed 8/17/75
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			Cemented to surf. 70 Sacks
Cond. 13-10"			
9 5/8			
8 5/8		265	
7			
5 1/2			
4 1/2		2111	
3			
2			
Liners Used			

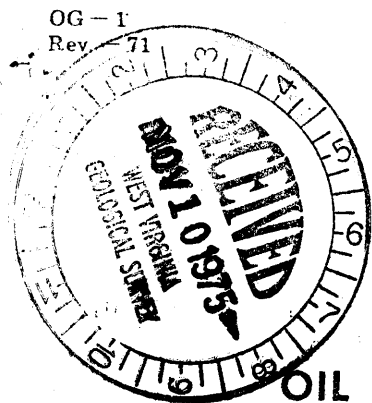
Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Big Lime			1890	1993		
Injun			1993	2040		
Squaw			2068	2078		
Weir Silt			2078			
TOTAL DEPTH			2128			

* Indicates Electric Log tops in the remarks section.

(over)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
NOV 10 1975

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE November 5, 1975

Surface Owner Linda Braley

Company Columbia Gas Transmission Corporation

Address Ovapa, West Va.

Address P.O. Box 1273, Charleston, WV 25325

Mineral Owner Richard A. Rowland, Atty-in-Fact

Farm P. D. Summers, Hrs. Acres 135

Address 314 Wooster Rd., Mt. Vernon, OH 43050

Location (waters) Summers Fork

Coal Owner Same as above

Well No. 20316 Elevation 1123.48

Address _____

District Henry County Clay

Coal Operator Not Operated

Quadrangle Newton

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

Provisions being in accordance with Chapter 22
of the W. Va. Code, the location is hereby approved

for drilling. This permit shall expire if

operations have not commenced by 3-7-76

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Martin Nichols

PH: 548-6993 ADDRESS Clendenin, 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 October 29 1919 by Erwin G. Summers, etal made to United Fuel Gas Company and recorded on the 11th day of November 1919 in Clay County, Book 11 Page 108

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 CORP.

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

Address of Well Operator
Charleston
City or Town
West Virginia 25325
State

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

*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.

CLAY-1128 PERMIT NUMBER
47-015

BLANKET BOND

