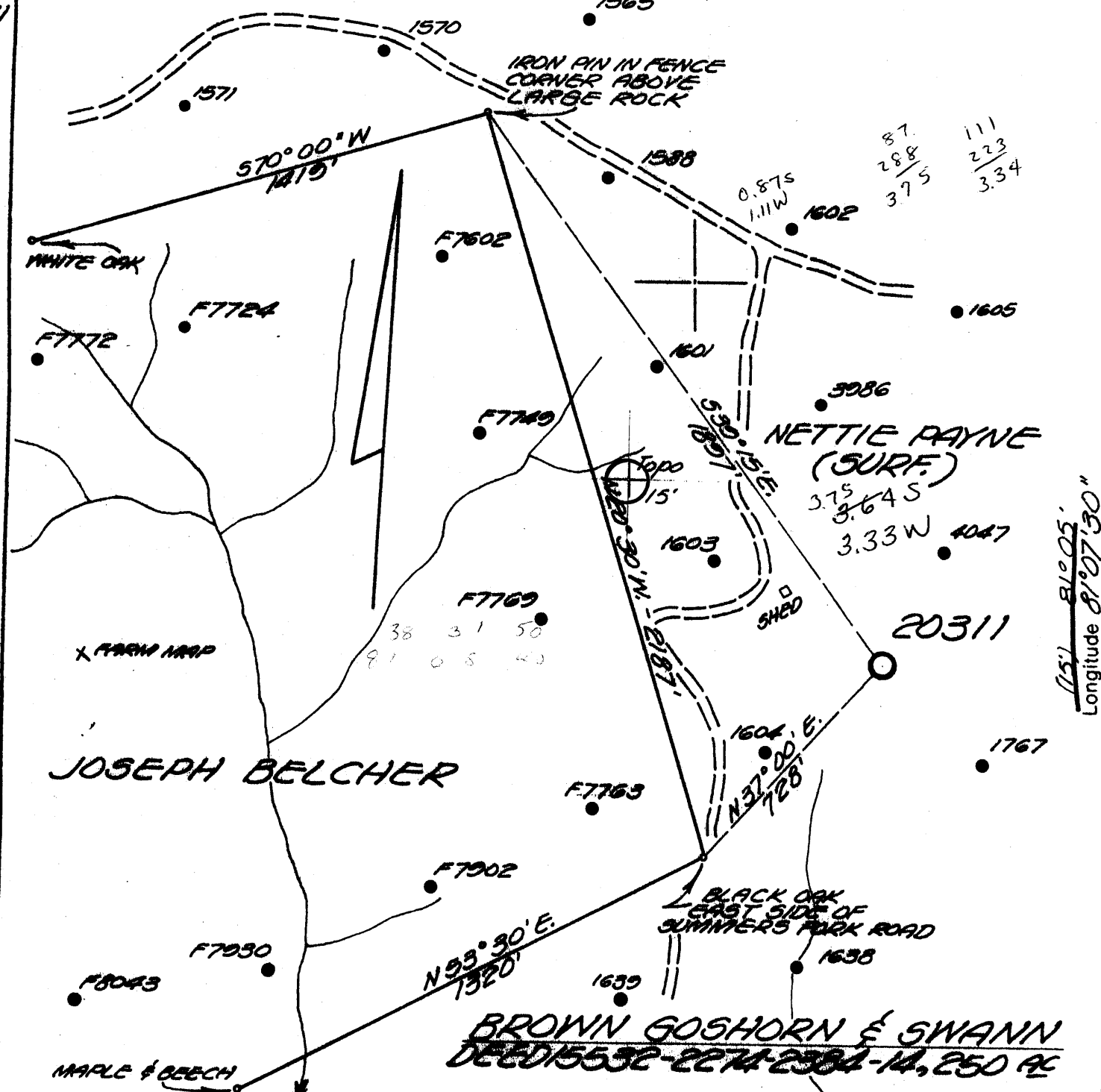


Latitude $38^{\circ}32'30''$
 (15) $38^{\circ}35'$
 1563

71



87
288
375

111
223
334

Longitude $81^{\circ}07'30''$

BROWN GOSHORN & SWANN
 DEED 15532-2274-2304-14.250 AC

BENCH MARK DESCRIPTION
 U.S. GOV'T. STANDARD DISK IN
 TOP OF ROCK LEAD STAMPED
 88-71-15-15-15-15-15-15-15-15
 NEAR SHARP CLEV. 88'

"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 *William E. [Signature]*
 BOX 1273 CHARLESTON W.VA.

Company COLUMBIA GAS TRANS. CORP.
 Address BOX 1273 CHARLESTON W.VA.
 Farm BROWN-GOSHORN & SWANN
 Lease 15532-2274-2304 Acres 14.250
 Well Farm No. 210 Ser. No. 20311
 Elevation - Spirit Level 1166.42' SC
 Quadrangle 71 NEWTON, W.VA.; OTHER 15'
 Township or District HENRY
 County CLAY
 Sec., Lot, Qr. _____ T _____ R _____
 Coordinates LAT. 38°31'44" LONG. 81°08'44"
 File No. 88-71 Dwg. No. _____
 Date AUG. 10, 1975 Scale 1" = 400'

WELL LOCATION MAP
 STATE OF WEST VIRGINIA
 (+) Denotes Values Of Well On United States Topographic Maps
 CLA - 1108
 Scale 15' □ 7 1/2' ■
 47-015

2150 [Signature] 8-0 Granny Creek-Stockly (200)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Newton
Permit No. CLA-1108

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 Brown, Goshorn & Swan # 210 Acres 14250
Location (waters) Summers Fork
Well No. 20311 Elev. 1166.42
District Henry County Clay
The surface of tract is owned in fee by Nettie Payne
Address Prociuous, WV 25164
Mineral rights are owned by J.F. Brown III Trustee
Address Box 88, Chas., WV 25325
Drilling Commenced 9/21/75
Drilling Completed 9/29/75
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		266	
7			
5 1/2			
4 1/2		2148	
3			
2			
Liners Used			

Attach copy of cementing record.

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

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Big Lime			1948	2056		
Injun			2056	2091		
Squaw			2124	2131		
Weir Silt			2131			
TOTAL DEPTH			2165			

* Indicates Electric Log tops in the remarks section. (over)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Nettie Payne
Address Procious, W. Va.
Mineral Owner James F. Brown, III, Trustee
Address Box 88, Charleston, W. Va. 25321
Coal Owner Same as above
Address _____
Coal Operator Not Operated
Address _____

DATE September 15, 1975
Company Columbia Gas Transmission Corp.
Address P.O. Box 1273, Charleston, W. Va. 25325
Farm Brown, Goshorn & Swann Acres 14,250
Location (waters) Summers Fork
Well No. 20311 Elevation 1166.42'
District Henry County Clay
Quadrangle Newton, W. Va.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All 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 1-17-76.

INSPECTOR TO BE NOTIFIED Martin Nichols
PH: 548-6993 ADDRESS Clendenin, W. Va.

[Signature]
Deputy Director - Oil & Gas Division
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 March 7, 1905 by J. F. Brown, et al made to Columbia Gas Trans. Corp. and recorded on the 27th day of June 1905, in Clay County, Book 13 Page 381
 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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

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

Very truly yours, COLUMBIA GAS TRANSMISSION CORP.

(Sign Name) [Signature]
Well Operator
Director, Exploration and Development
P.O. Box 1273
Street
Charleston
City or Town
West Virginia 25325
State

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

Clay-1108 PERMIT NUMBER
47-015

