

Fracture	<input type="checkbox"/>
Before 6/5/29	<input type="checkbox"/>
New Location	<input checked="" type="checkbox"/>
Drill Deeper	<input type="checkbox"/>
Redrill	<input type="checkbox"/>
Abandonment	<input checked="" 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.

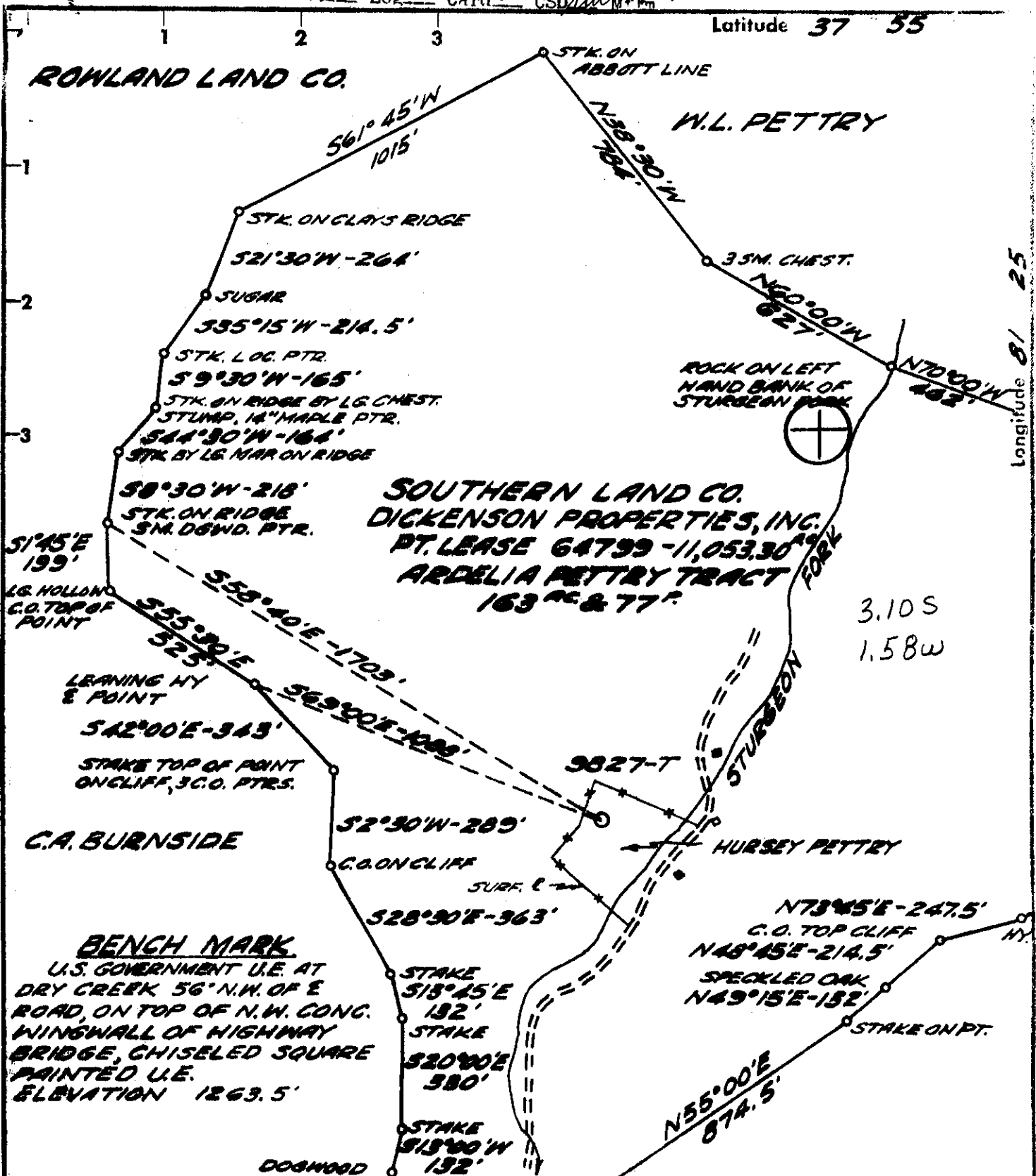
Company COLUMBIA GAS TRANSMISSION CORP
 Address CHARLESTON, W.VA.
 Farm SOUTHERN LAND COMPANY
 Tract Acres 11,053.30^{AC.} Lease No. PT. 64729
 Well (Farm) No. _____ Serial No. 9827-T
 Elevation (Spirit Level) 1557.87'
 Quadrangle ECCLES, W.VA. WC
 County RALIGH District MARSH FORK
 Engineer Adrian E. Houghton
 Engineer's Registration No. 2330
 File No. 72-25 Drawing No. _____
 Date 5-16-73 Scale 1"=400'

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

WELL LOCATION MAP
 FILE NO. RAI-305-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. 47 081



- 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.

Company COLUMBIA GAS TRANSMISSION CORP
 Address CHARLESTON, W.VA.
 Farm SOUTHERN LAND COMPANY
 Tract Acres 11,053.30⁰⁰ Lease No. PT. 64739
 Well (Farm) No. _____ Serial No. 9827-T
 Elevation (Spirit Level) 1557.87'
 Quadrangle ECCLES, W.VA. WC
 County RALEIGH District MARSH FORK
 Engineer Adrian E. Anderson
 Engineer's Registration No. 2330
 File No. 72-25 Drawing No. _____
 Date 5-16-73 Scale 1"=400'

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

WELL LOCATION MAP
 FILE NO. RAL-305

+ 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. 47 081



RECEIVED

DEC 6 1973



OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 5

Rotary
Spudder
Cable Tools
Storage 2: NOLL
Oil or Gas Well **DRY**

38-00
4-34
3

Quadrangle Eccles, W. Va.

Permit No. RAI-305

WELL RECORD

Company Columbia Gas Transmission Corporation
Address Charleston, West Virginia
Farm Southern Land Company Acres 11,053.30
Location (waters) Sturgeon Fork
Well No. 9827-T Elev. 1557.87'
District Marsh Fork County Raleigh
The surface of tract is owned in fee by Hersie Pettry
Address Dry Branch, W. Va.
Mineral rights are owned by Southern Land Company
Box 1385 Address Charleston, W. Va.
Drilling commenced August 2, 1973
Drilling completed August 14, 1973
Date Shot Not 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) Not Acidised
WELL FRACTURED (DETAILS) Not Fractured

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____

ROCK PRESSURE AFTER TREATMENT _____ HOURS _____

Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Berea (Dry Hole) Depth 3085' plugged back to surface

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
20"	25'	25'	Kind of Packer
13-3/8"	95'	95'	Size of
9-5/8"	857'	857'	Depth set
8 1/4"			Perf. top
6 3/4"			Perf. bottom
5 3/16"			Perf. top
4 1/4"			Perf. bottom
3"			
2"			
Liners Used			

Attach copy of cementing record.
CASING CEMENTED 13-3/8" SIZE 25' No. FL. 8-3-73 Date 8-3-73
Amount of cement used (bags) 9-5/8" 857' 910 8-6-73
Name of Service Co. Dowell
COAL WAS ENCOUNTERED AT 832 FEET 48 INCHES
872 FEET 24 INCHES 1087 FEET 72 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Clay			0	10			
Sand			10	107			
Sandy Shale			107	275			
Sand			275	363			
Shale			363	400			
Sandy Shale			400	433			
Sand			433	466			
Sandy Shale			466	526			
Sand			526	758			
Shale			758	771			
Sand			771	819			
Shale			819	832			
Coal			832	836			
Shale & Sand			836	872			
Coal			872	874			
Sand & Shale			874	1087			
Coal			1087	1093			
Sand & Shale			1093	1295			
Shale			1295	1373			
Sand			1373	1392			
Sandy Shale			1392	1430			
Sand			1430	1464			
Sand - Shale - Red Rock			1464	1942			
Maxon			1942	2055			
Shale			2055	2099			
Little Lime			2099	2122			
Shale			2122	2162			
Sand			2162	2194			
Sandy Shale			2194	2210			

Formation	Color	Hard or Soft	Top S	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Lime			2210	2472		LOGGED 8-14-73 Density Gamma Ray Temperature Induction	
Injun Sand			2472	2520			
Shale			2520	2537			
Sand			2537	2567			
Shale			2567	2593			
Sand			2593	2610			
Sandy Shale			2610	2965			
Berea			2965	2977			
Sandy Shale			2977	3085			
TOTAL DEPTH			3085				
Plugged back to surface							

Date _____, 19__

APPROVED _____, Owner

By E. H. Foster
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL 16 1973

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE July 13, 1973

Surface Owner Hersie Pettry
Address Dry Branch, W. Va. 25061
Mineral Owner Southern Land Company
Address P. O. Box 1385, Charleston, W. Va. 25325
Coal Owner Southern Land Co.; Dickenson Properties, Inc.
Address P. O. Box 1385, Chas., W. Va. 25325
Coal Operator Not operated
Address _____

Company Columbia Gas Transmission Corp.
Address P. O. Box 1273, Chas., W. Va. 25325
Farm Southern Land Co. Acres 10,053.30
Location (waters) Sturgeon Fork
Well No. 9827 Elevation 1557.87
District Marsh Fork County Raleigh
Quadrangle Eccles, 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 11-17-73.

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Rue Schoolcraft
Pineville, W.Va. PH: 732-7245

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 January 1 19 71 by Southern Land Company made to Col. Gas Trans. Corp. and recorded on the 17th day of March 1971, in Raleigh County, Book 20 Page 288

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 13th day July, 1973 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
Manager, Development Drilling
P. O. Box 1273

Address
of
Well Operator

Street
Charleston, W. Va.
City or Town

West Virginia 25325
State

*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.

