

Minimum Error of Closure 1' in 200'
 Source of Elevation B.M. C.G.S.C. Well # 11971 El. -949'

"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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

- New Location
- Drill Deeper
- Abandonment

5/26/78
 Map Sheet 39 N7 E3

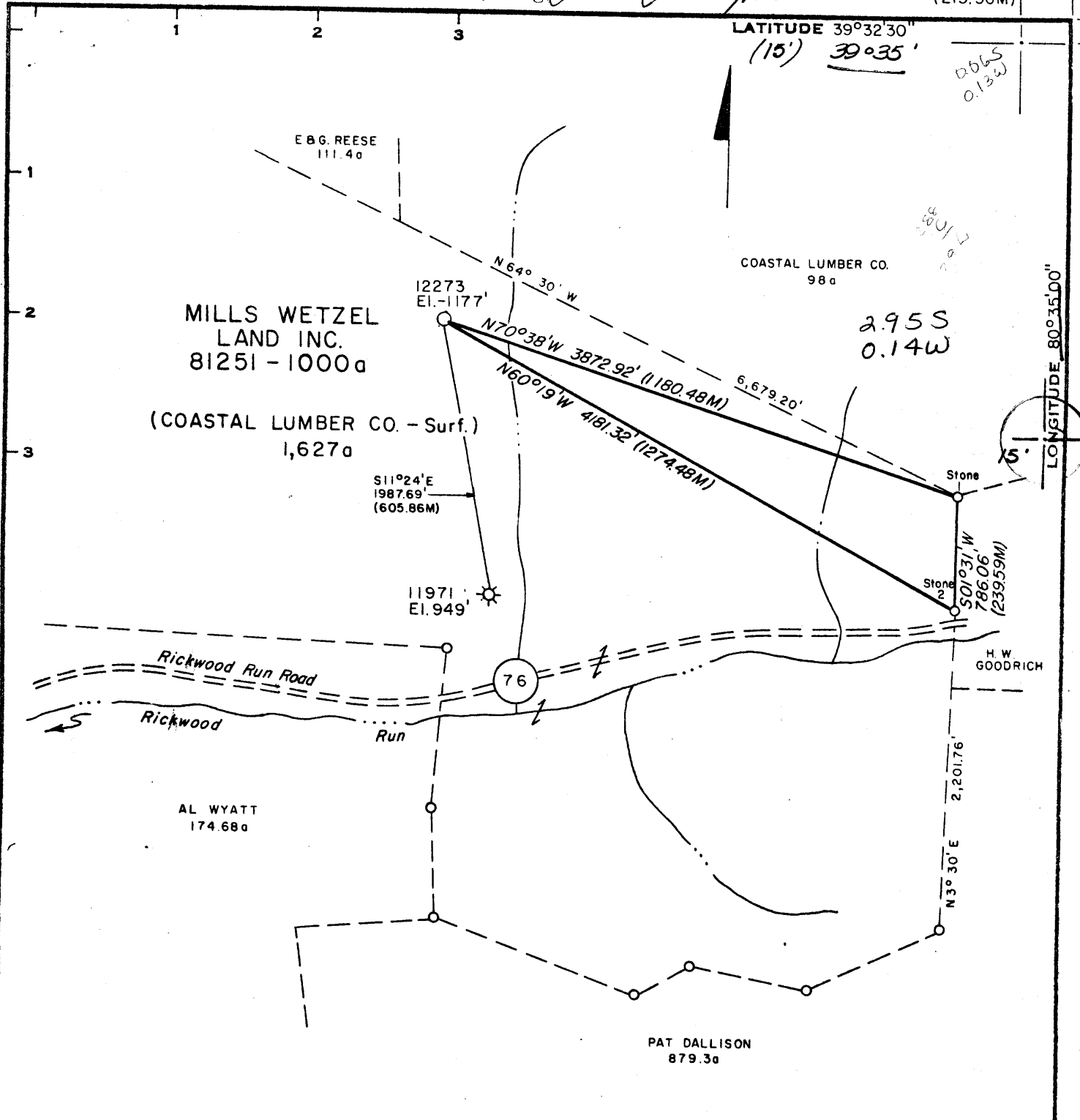
F.B. 1894 Pg. 28-30
 F.B. 1870 Pg. 13-14, 17-21, & 25-31

Company Consolidated Gas Supply Corporation
 Address Clarksburg, W. Va
 Farm Mills Wetzel Land Inc. (Coastal Lumber Co. Surf.)
 Tract Acres 1,000 Lease No. 81251
 Well (Farm) No. Serial No. 12273
 Elevation (Spirit Level) 1177 SC
 Quadrangle Big Run, W. Va. -1960, LITTLETON 15'
 County Wetzel District Grant
 Engineer Everette Roberts
 Engineer's Registration No. 5989
 File No. Drawing No.
 Date 9-13-77 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. WET-639-P

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000 latitude and longitude lines being represented by border lines as shown.
 — Denotes one inch spaces on border line of original tracing. 47-103 JUN 7 1978



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47-103
 OCT 25 1977



RECEIVED

AUG 17 1978

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Rotary X Oil _____
Cable _____ Gas X
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ Dry
(KMD)

Quadrangle Littleton

Permit No. WET-632
47-103

Company Consolidated Gas Supply Corp.
Address 115 W. Main St., Clarksburg, WV
Farm Mills Wetzel Land, Inc. Acres 1000
Location (waters) Richwood Run
Well No. 12273 Elev. 1177'
District Grant County Wetzel
The surface of tract is owned in fee by _____
Costal Lumber Company
Address Box 8, Daily, WV
Mineral rights are owned by Elston Bank & Trust
Co. Address Crawfordsville, Ind. 47933
Drilling Commenced February 2, 1978
Drilling Completed February 7, 1978
Initial open flow 0 cu. ft. _____ bbls.
Final production 0 cu. ft. per day _____ bbls.
Well open 0 hrs. before test 0 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. <u>1 3/4" 11 3/4"</u>	<u>308'</u>	<u>308'</u>	To surface
<u>9 5/8</u>			
<u>8 5/8</u>	<u>2173'</u>	<u>2173'</u>	To surface
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>	<u>3181'</u>	<u>3181'</u>	310 Sks.
<u>3</u>			
<u>2</u>			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Well fractured in Gordon with 50,000# sand, 700 bbls. of water & 500 gals. HCL.
perforations: 3023 - 3035' with 15 holes.
Well fractured in Pecone with 30,000# sand, 800 bbls. of water & 650 gals. 15% HCL.
Perforations: 2281-2291' & 2317-2321' with 11 holes.

Coal was encountered at 545' 930' 1135' Feet 24" 120" 36" Inches
Fresh water 78' 1920' Feet _____ Salt Water None Feet _____
Producing Sand Dry Hole Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	10		
Shale & Sand			10	110	Water	78' Damp
Red Rock & Shale			110	110		
Sand			110	170		
Shale & Red Rock			170	185		
Sand & Shale			185	515		
Coal			515	517		2170
Sand & Shale			517	930		1177
Coal			930	940		-993
Shale			940	1040		
Red Rock			1040	1190		
Shale & Sand			1190	1135		
Coal			1135	1138		
Sand & Shale			1138	1530		
White Sand			1530	1680		
Sand & Shale			1680	2000	Water	1920' 1/2" stream
Red Rock & Shale			2000	2115		
Little Lime			2115	2160		
Shale			2160	2170		
Big Lime			2170	2260		
Sand & Shale			2260	3100		Consolidated Gas Supply Corp.
Sandy Shale			3100	3140		115 West Main Street
Shale & Sand			3140	3510		Clarksburg, West Virginia
<u>BALLTOWN</u> KBM 10' above G.L.					T.O.	

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

OCT 17 1977

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 October 5, 1977

Surface Owner Costal Lumber Company
Address Box 8, Daily, W. Va.
Mineral Owner Elston Bank & Trust Co.
Address Crawfordsville, Ind. 47933
Coal Owner No operations in Wetzel Co.
Address _____
Coal Operator None
Address _____

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Mills Wetzel Land, Inc. Acres 1000
Location (waters) Richwood Run
Well No. 12273 Elevation 1177'
District Grant County Wetzel
Quadrangle LITTLETON

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 2-19-78.

INSPECTOR Phillip Tracy
TO BE NOTIFIED XXXXXXXXXXXXXX
Middlebourn,
ADDRESS XXXXXX W. Va.
758-4573
PHONE XXXXXXXXXX

Robert H. [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 8-2-71 19 by Mills Wetzel Lands made to Consol. Gas Sply Corp. and recorded on the 19th day of Nov. 1971 in Wetzel County, Book 52A Page 421
XXXX 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, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours,
(Sign Name) [Signature] Manager of Production
Well Operator

Consolidated Gas Supply Corporation
Street
445 West Main Street
City or Town
Clarksburg, W. Va.
State

BLANKET BOND

WET-639 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by [Signature]

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XXXX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Slencer Enterprises NAME R. E. Payne
 ADDRESS West Union, W. Va. ADDRESS Bridgport, W. Va.
 TELEPHONE - - - TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 3475' ROTARY XXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: INJIN - Gordon
 TYPE OF WELL: OIL _____ GAS XXX COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 11"	20'	20'	To Surface
9 - 5/8			
8 - 5/8	1350'	1350'	To Surface
7			
5 1/2			
4 1/2	3475'	3475'	125 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 75' FEET _____ SALT WATER None FEET _____
 APPROXIMATE COAL DEPTHS Unknown
 IS COAL BEING MINED IN THE AREA? None BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title