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MAR 27 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

OIL & GAS DIVISION

DEPT. OF MINES

WELL RECORD 33

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

Quadrangle Bio Run

Permit No. 47-103-1196

Company Consolidated Gas Supply Corp.
Address 145 W. Main St., Clarksburg, WV
Farm Mills Wetzel Land Inc. Acres 1000
Location (waters) Richwood Run
Well No. 12672 Elev. 955'
District Grant County Wetzel
The surface of tract is owned in fee by _____
Costal Lumber Co.
Address Box 3, Dailey, WV
Mineral rights are owned by Mills Wetzel Land, Inc.
Michael G. Suite 3000
Boomer, Address 115 S. LaSalle St., Chicago, Ill. 60604
Drilling Commenced November 2, 1980
Drilling Completed November 22, 1980
Initial open flow _____ cu. ft. _____ bbls.
Final production 68M cu. ft. per day 2.7 bbls.
Well open N/A hrs. before test 111 day 610# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. <u>13-10" 11 3/4</u>	29	29	To surface
<u>9 5/8</u>			
<u>8 5/8</u>	803	803	To surface
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>	3087	3087	160 Sks.
<u>3</u>			
<u>2</u>			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Well fractured with 60,000# sand, 750 bbls. of water and 500 gals. HCL.
Perforations: 2812 - 2824 with 10 holes and 2881 - 2883 with 2 holes.

Coal was encountered at 224, 247 & 740 Feet 84, 60 & 120 Inches
Fresh water 30 & 270 Feet _____ Salt Water _____ Feet _____
Producing Sand lth & Gordon Depth See Perforations

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			0	13		
Sand			13	39		
Shale			39	224		
Coal <u>elev 724</u>			224	231		
Shale			231	247		
Coal <u>elev 708</u>			247	252		
Sand & Shale			252	740		
Coal (<u>Pitts</u>) <u>elev 715</u>			740	750		
Shale & Sand			750	2907		
lth			2907	2928		
Sand & Shale <u>5th</u>			2928	3350	T.D.	
KBM 10' above G. L.						



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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OCT - 7 1980

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE October 6, 1980

Surface Owner Costal Lumber Co.

Company Consolidated Gas Supply Corp.

Address Box 8, Dailey, WV

Address 445 W. Main St., Clarksburg, WV

Mineral Owner Michael G. Beemer,

Farm Mills Wetzel Land Inc. Acres 1000

Suite 3000

Address 115 S. LaSalle St., Chicago, Ill 60603

Location (waters) Richwood Run

Coal Owner Unknown

Well No. 12672 Elevation 955'

Address _____

District Grant County Wetzel

Coal Operator None

Quadrangle Big Run

Address _____

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 6-7-81.

INSPECTOR
TO BE NOTIFIED Phillip Lee Tracy

ADDRESS Rt. 3, Alma, WV 26320

PHONE 758-4573

Thomas E. Hursey
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 August 2, 1971 by Mills Wetzel Land, Inc., made to Consolidated Gas Supply Corp. and recorded on the 19th day of November 1971 in Wetzel County, Book 52A Page 421
 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

Very truly yours,
(Sign Name) P. E. Brown Manager of Prod.
Well Operator

Address Consolidated Gas Supply Corp.
of Street
Well Operator 445 West Main Street
City or Town
Clarksburg, West Virginia
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.

BLANKET BOND

47-103-1196

PERMIT NUMBER

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

PROPOSED WORK ORDER TO DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Delta Drilling Co. NAME R. E. Bayne
 ADDRESS Rt. 4, Box 132A, Indiana, Pa. ADDRESS Bridgeport, WV.
 TELEPHONE _____ TELEPHONE 263-8000
 ESTIMATED DEPTH OF COMPLETED WELL: 3275' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: N. A. Gordon?
 TYPE OF WELL: OIL GAS _____ COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
<u>1 3/4"</u>	20'	20'	To surface
9 - 5/8			
8 - 5/8	800'	800'	To surface
7			
5 1/2			
4 1/2	3275'	3275'	200 sks. or to <i>regulate</i>
3			Perf. Top <i>of rule 15.01</i>
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 90 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS 217'
 IS COAL BEING MINED IN THE AREA? No 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