



Minimum Error of Closure 1' in 200'  
 Source of Elevation B.M. - Road Forks Ellenboro 7 1/2 Topo  
Elevation - 827'  
 "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

Map Sheet 66 S-7 W-21 F.B. 1723 Pg. 34-37

Company Consolidated Gas Supply Corp.  
 Address Clarksburg, W. Va.  
 Farm James A. Hogue Westvaco (Surf)  
 Tract Acres 140.4 Lease No. 78421  
 Well (Farm) No.                      Serial No. 11948  
 Elevation (Spirit Level) 1097' EC  
 Quadrangle Ellenboro 7 1/2, ST. MARYS 15'  
 County Ritchie District Clay  
 Engineer Jackson M. Jarvis  
 Engineer's Registration No. 2397  
 File No.                      Drawing No.                       
 Date March 5, 1975 Scale 1" = 1320'

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

**WELL LOCATION MAP**  
 FILE NO. RIT-3611

+ 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.

47-085 DEC 1 1975



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle St. Marys

Permit No. RIT-3611

Rotary X Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas X  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Company Consolidated Gas Supply Corp.  
Address Clarksburg, WV  
Farm James A. Hogue Acres 140  
Location (waters) Bonds Creek  
Well No. 11948 Elev. 1097'  
District Clay County Ritchie  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling Commenced 11-24-75  
Drilling Completed 12-09-75  
Initial open flow Show cu. ft. \_\_\_\_\_ bbls.  
Final production 215M cu. ft. per day \_\_\_\_\_ bbls.  
Well open 72 hrs. hrs. before test 1100# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size <u>2 1/2</u> "	20'	20'	To surface
Cond. <u>13-10</u> "	258'	258'	To surface
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2	5057'	5057'	90 bags
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Shot Shale 5500-5900 with 5400# Gelatin - No results  
Fractured Benson w/960 bbls. water, 60,000# sand and 1000 gal. acid.  
Perforations: 4961-4970

215 MCF

Coal was encountered at None Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 60' 500' Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Benson Depth 4961-4970

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
<u>Gamma Ray Logging</u>						
Little Lime			1910	1922	Water 60'	Fresh
Greenbrier			1934	2018	Water 500'	Fresh
Pocono			2018	2160		
Weir			2436	2474		
Sunbury Shale			2536	2547		
Berea			2547	2556		
5th Sand			2945	2957		
Benson			4956	4971	Gas 4961-4970	
Brown Shale			5500	5985	Show Gas	
Total Depth				<u>5985</u>	<u>Dry, Shale</u>	
Plugged back with Bridge Plug and Cement to				5090		Present TD
						Consolidated Gas Supply Corporation 445 West Main Street Clarksburg, WV 26301

KB Measurement 11' above GL

(over)

\* Indicates Electric Log tops in the remarks section.



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.

DATE November 12, 1975

Surface Owner Westvaco Corporation Company Consolidated Gas Corporation  
 Address Box 1216, Parkersburg, W. Va. Address Clarksburg, W. Va.  
 Mineral Owner James A. Hogue Farm J. A. Hogue Acres 140  
 Address 701 Miles Ave., Pennsboro, W. Va. Location (waters) Bonds Creek  
 Coal Owner None Well No. 11948 Elevation 1097'  
 Address \_\_\_\_\_ District Clay County Ritchie  
 Coal Operator None Quadrangle St. Marys  
 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 3-14-76.

Robert R. [Signature]  
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Goodnight  
PH: 477-2455 ADDRESS Smithville, 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 6-21-73 1973 by James A. Hogue made to Consolidated Gas Supply and recorded on the 2nd day of August 1973, in Ritchie County, Book 117 Page 356  
 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,  
(Sign Name) [Signature] Manager of Prod.  
Well Operator

Address  
of  
Well Operator

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

BLANKET BOND

Rit-3611 PERMIT NUMBER  
47-085

**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 S. W. Jack Drilling Company NAME R. E. Bayne  
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.  
 TELEPHONE --- TELEPHONE 623-3611  
 ESTIMATED DEPTH OF COMPLETED WELL: 5900' ROTARY xx CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Brown Shale  
 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.
<del>XXXX</del> 16	20'	20'	To surface
13 <del>XXX</del>	250'	250'	To surface
9 - 5/8	2910'	2910'	100 Bags
8 - 5/8			
7			
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 65' FEET \_\_\_\_\_ SALT WATER None FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS Unknown - Exploratory \_\_\_\_\_  
 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