



LONGITUDE 80° 47'30"

Minimum Error of Closure 1' IN 200'  
 Source of Elevation CON. GAS SUPPLY CORP WELL NO 418  
 ELEV. 903'

"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."

- RECONDITION    
 New Location    
 Drill Deeper    
 Abandonment

MAP SHEET 67-514 W12 F.B.1089 Pg. 19,20

Company CONSOLIDATED GAS SUPPLY CORP  
 Address CLARKSBURG WEST VIRGINIA  
 Farm C.G. FLEMING, Wheeler Inghram  
 Tract \_\_\_\_\_ Acres 69 Lease No. 32241  
 Well (Farm) No. \_\_\_\_\_ Serial No. 4867  
 Elevation (Spirit Level) 1,002' NE  
 Quadrangle Oxford 7 1/2, Holbrook 15'  
 County DODDRIDGE District WEST UNION  
 Engineer Danell M. Radcliffe  
 Engineer's Registration No. L.L.S. # 74  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date JANUARY 5, 1979 Scale 1" = 500'

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

**WELL LOCATION MAP**  
 FILE NO. 47-017-1961-REC

+ 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.

JAN 25 1979



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division  
WELL RECORD

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

Quadrangle Oxford  
Permit No. 17-017-1961-REC

Company Consolidated Gas Supply Corp.  
Address 145 N. Main St., Clarksburg, WV  
Farm C. G. Fleming Acres 60  
Location (waters) Right Fork of Arnolds Creek  
Well No. 1867 Elev. 1002'  
District West Union County Doddridge  
The surface of tract is owned in fee by \_\_\_\_\_  
Wheeler Inghram  
Address Pt. 1, West Union, WV  
Mineral rights are owned by Dessie D. Fleming  
1264 85th Lane N., St. Petersburg, FL.  
Recondition Address \_\_\_\_\_  
Drilling Commenced January 10, 1979  
Recondition \_\_\_\_\_  
Drilling Completed February 1, 1979  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production 46.1M cu. ft. per day \_\_\_\_\_ bbls.  
Well open \_\_\_\_\_ hrs. before test NT RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 9/8 8 1/4		982	
7 1/2 6 5/8		1760	
5 1/2 5 3/16		1828	
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Fished out string of tools.  
Cleaned out to 1875'. Unable to clean out below 1875' account of iron in hole.

Coal was encountered at 140 Feet 12 Inches  
Fresh water None Feet \_\_\_\_\_ Salt Water 1315 Feet \_\_\_\_\_  
Producing Sand Injun Depth 1875'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Pittsburgh Coal			140	141		
Dunkard			715	985		
Gas			1010	1110		
Salt			1125	1325		
Lime			1734	1843		
Injun			1843	1919		
Cleaned-Out Total				1875		

RECEIVED  
FEB 22 1981  
OIL & GAS DIVISION  
DEPT. OF MINES

Consolidated Gas Supply Corp.  
145 West Main Street  
Clarksburg, West Virginia  
*[Signature]* Manager of Prod.  
January 20, 1981

(over)

\* Indicates Electric Log tops in the remarks section.

FEB 13 1981



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
JAN - 4 1979

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 January 3, 1979

Surface Owner Wheeler Inghram  
Address Rt. 1, West Union, WV  
Mineral Owner Dessie D. Fleming  
Address 4264 85th Lane N., St. Petersburg, FL.  
Coal Owner Same  
Address \_\_\_\_\_  
Coal Operator None  
Address \_\_\_\_\_

Company Consolidated Gas Supply Corp.  
Address 445 W. Main St., Clarksburg, WV  
Farm C. G. Fleming Acres 69  
Location (waters) \_\_\_\_\_  
Well No. 4867 Elevation 1002'  
District West Union County Doddridge  
Quadrangle Oxford

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, this location is hereby approved for reconditioning. This permit shall expire if operations have not commenced by 9-8-79.

INSPECTOR  
TO BE NOTIFIED Paul Garrett  
ADDRESS 321 Beech St., Clarksburg, WV  
PHONE 622-3871

Robert H. Bell  
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 September 2, 1916 by S. S. Cox et al made to Carter Oil Co. and recorded on the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, in Doddridge County, Book 34 Page 348  
\_\_\_\_\_  
 NEW WELL  DRILL DEEPER  REDRILL  RECONDITIONING  
~~FLA~~CTURE/~~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) J. E. Payne Manager of Prod.  
Well Operator  
Consolidated Gas Supply Corp.  
Street  
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

47-017-1961

PERMIT NUMBER

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

PROPOSED WORK ORDER TO \_\_\_\_\_ DRILL \_\_\_\_\_ DEEPEN  ~~FRAC STIMULATE~~ <sup>Reconditioning</sup>

DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME Company tools \_\_\_\_\_ NAME R. E. Bayne \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ ADDRESS Bridgeport, WV \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_ TELEPHONE 623-3611 \_\_\_\_\_  
 ESTIMATED DEPTH OF COMPLETED WELL: \_\_\_\_\_ ROTARY \_\_\_\_\_ CABLE TOOLS  \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Injun \_\_\_\_\_  
 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 LIFT UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8		982'	
7		1759'	
5 1/2		1828'	
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS None FEET \_\_\_\_\_ SALT WATER 1315 FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS 140' \_\_\_\_\_  
 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