



Minimum Error of Closure 1' IN 200'  
 Source of Elevation B.M. - U.S.G.S. - 120 J.E.A. 1957  
ELEV. 1215'  
 "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 43-A S-24, E-27 F.B 1663 Pgs. 18-21

Company CONSOLIDATED GAS SUPPLY CORP  
 Address CLARKSBURG, W. VA.  
 Farm CARL KINES  
 Tract \_\_\_\_\_ Acres 76 Lease No. 80602  
 Well (Farm) No. \_\_\_\_\_ Serial No. 11656  
 Elevation (Spirit Level) 1553  
 Quadrangle PHILIPPI - CENTRAL UNION  
 County BARBOUR District (WEST)  
 Engineer Jackson M. Jarrow  
 Engineer's Registration No. 2397  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 7-11-73 Scale 1" = 660'

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

**WELL LOCATION MAP**  
 FILE NO. Bar-655

+ 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.

47-001



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division

RECEIVED

MAY 9 1974

OIL & GAS DIVISION  
DEPT. OF MINES

WELL RECORD

Quadrangle PHILLIPPT

Permit No. BAR-655

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

Company Consolidated Gas Supply Corporation  
Address Clarksburg, W. Va.

Farm Carl Kines Acres 76  
Location (waters) Indian Fork of Elk Creek  
Well No. 11656 Elev. 1553'  
District Union County Barbour  
The surface of tract is owned in fee by \_\_\_\_\_

Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_

Drilling Commenced 11-23-73  
Drilling Completed 12-2-73  
Initial open flow 15 M cu. ft. \_\_\_\_\_ bbls.  
Final production 723 M cu. ft. per day \_\_\_\_\_ bbls.  
Well open 1 1/2 days hrs. before test 1263 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16	20'	20'	To surface
Cond. <del>20-16</del> 11"	305'	305'	To surface
9 5/8			
8 5/8	1930'	1930'	100 bags
7			
5 1/2			
4 1/2	1115'	1115'	350 bags
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Well fractured 12-13-73 with 850 bbl water, 75,000# sand & 1000 gal Acid - Speechley  
Perforations: 2976' to 2981' with 21 holes

Fractured Riley with 850 bbl water, 75,000# sand, 500 gal 15% acid  
Perforations: 1101' to 11036' with 16 holes

Coal was encountered at 10' 600' 880' Feet 1 1/8" 60" 60" Inches  
Fresh water 75' 520' Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_  
Producing Sand Riley & Speechley \* Depth See perms

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale & Clay			0	10		
Coal			10	11		
Shale & Red Rock			11	600	Water	75'
Coal			600	605	Water	520'
Sand & Shale			605	880		
Coal			880	885		
Sand & n Shale			885	1200		
Maxton Sand			1200	1281		
Shale & Red Rock			1281	1360		
Little Lime			1360	1370		
Big Lime			1370	1465		
Big Injun			1465	1615		
Sand & Shale			1615	1775		
50' Sand			1775	1825		
Sand & Shale			1825	2295		
5th Sand			2295	2320	Gas	2300'
Sand & Shale			2320	2976		Show
Speechley			2976	2985	Gas	2976' - 2981'
Sand & Shale			2985	3893		
Riley			3893	11038	Gas	1101' to 11036'
Sand & Shale			11038	11218		
BENSON			11218	11261	No gas in Benson	
Total Depth Drilled				11511'		
Completed with 350 bags cement to				11511'	Present T.D.	

(over)

\* Indicates Electric Log tops in the remarks section.

Consolidated Gas Supply Corp.  
115 West Main Street  
Clarksburg, W. Va.

JUN 10 1974



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
AUG 29 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 August 28, 1973

Surface Owner Carl Kines, Jr.  
Address Rt. 3, Philippi, W. Va. 26416  
Mineral Owner Warren Overfield  
Address Rt. 1, Volga, W. Va.  
Coal Owner Grafton Coal Company  
Address Clarksburg, West Virginia  
Coal Operator Not operated  
Address \_\_\_\_\_

Company Consolidated Gas Supply Corp.  
Address 445 W. Main St., Clarksburg, W. Va.  
Farm Carl Kines Acres 76  
Location (waters) Indian Fork / Elk Creek  
Well No. 11656 Elevation 1553  
District West (Union) County Barbour  
Quadrangle Philippi

INSPECTOR TO BE NOTIFIED Mr. Paul Thomas  
Box 12 PH: 472-6418  
Buckhannon  
W. Va. 26201

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 1-7-74.

Frank L. Ladd  
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 April 1 1971 by Carl Kines, et al made to Consolidated Gas Supply Corp and recorded on the 3rd day of July 1971, in Barbour County, Book 69 Page 233  
 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.

Very truly yours,  
(Sign Name) A. E. Dayne Mgr. of Prod.  
Well Operator

Address of Well Operator

445 West Main Street  
Street  
Clarksburg  
City or Town  
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

Bar-655  
47-001 PERMIT NUMBER

