



D. R. Stewart  
0.555  
3.26w

Minimum Error of Closure 1' IN 200'  
 Source of Elevation U.S.G.S. B.M. N°86 W.S.M. 1957  
ELEVATION 1058'  
 "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 56-A S-21 E-21 FB 1637 Pgs. 16-18

Company CONSOLIDATED GAS SUPPLY CORP.  
 Address CLARKSBURG, W. VA.  
 Farm PAUL D. RUCKMAN  
 Tract \_\_\_\_\_ Acres 114 Lease No. 69297  
 Well (Farm) No. \_\_\_\_\_ Serial No. 11555  
 Elevation (Spirit Level) 1153'  
 Quadrangle PHILIPPI W.C.  
 County ELK District HARRISON  
 Engineer Jackson M. Jarvis  
 Engineer's Registration No. 2397  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 12-20-72 Scale 1"=80P

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

**WELL LOCATION MAP**  
 FILE NO. Has-674

+ 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.



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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

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

39-15  
4-2  
(8)  
Quadrangle PHILIPPI

Permit No. HAR-674

Company Consolidated Gas Supply Corporation  
Address Clarksburg, W. Va.  
Farm Paul D. Ruckman Acres 11 1/2  
Location (waters) Raccoon Creek  
Well No. 11555 Elev. 1153'  
District Flk. County Harrison  
The surface of tract is owned in fee by \_\_\_\_\_

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

Drilling Commenced 4-1-73  
Drilling Completed 4-15-73  
Initial open flow 1,078 M cu. ft. \_\_\_\_\_ bbls.  
Final production 1,309 M cu. ft. per day \_\_\_\_\_ bbls.  
Well open 1 1/2 days hrs. before test \_\_\_\_\_ RP.

Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. <del>20-16</del> 11"	20	20	To surface
9 5/8	123	123	To surface
8 5/8			
7	92 1/2	92 1/2	To surface
5 1/2			
4 1/2	4331	4331	110 bags
3			
2			
Liners Used			

Attach copy of cementing record.

Well fractured 5-14-73 with 850 bbl water, 500 gal acid and 60,000# sand

Perforations 4267'-4274' 21 holes

Coal was encountered at 65' Feet 36" Inches  
Fresh water 35' Feet Damp Salt Water None Feet \_\_\_\_\_  
Producing Sand Benson Depth 4267-74'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	65	Water	35' Fresh
Coal			65	69		
Sand & Shale			69	945		
3rd Salt			945	1055		
Sand & Shale			1055	1460		
Big Lime			1460	1530		
Big Injun			1530	1670		
Sand & Shale			1670	2395		
5th Sand			2395	2465	Gas	2395'
Sand & Shale			2465	4025		
Riley			4025	4055		
Shale			4055	4280		
Benson			4280	4305	Gas	4268-75'
Total Depth				4432'		

Consolidated Gas Supply Corporation  
145 West Main Street  
Clarksburg, W. Va.

(over)

\* Indicates Electric Log tops in the remarks section.

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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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 March 14, 1973  
Company Consolidated Gas Supply Corporation  
Address Clarksburg, W. Va.  
Farm Paul D. Ruckman Acres 114  
Location (waters) Raccoon Run  
Well No. 11555 Elevation 1153'  
District Elk, County Harrison  
Quadrangle PHILIPPI

Surface Owner Paul D. Ruckman  
Address Route #2, Lost Creek, W. Va.  
Mineral Owner Same  
Address \_\_\_\_\_  
Coal Owner Below Coal  
Address \_\_\_\_\_  
Coal Operator None  
Address \_\_\_\_\_

INSPECTOR TO BE NOTIFIED Mr. Wm. Blaser  
Box 1857, PHS Fairmont  
Calfax, W. Va. 363-4105  
26566

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 7/10/73

Robert T. Ford  
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 1-20-60 19   by Paul D Ruckman made to Hope Natural Gas Co. and recorded on the 19th day of February 1960, in Harrison County, Book 833 Page 404

XX 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) Bob Payne 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

\*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

Har-674 PERMIT NUMBER

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

PROPOSED WORK ORDER TO XX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME S. W. Jack Drlg. Co. NAME R. E. Bayne  
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.  
 TELEPHONE - - TELEPHONE 623-3611  
 ESTIMATED DEPTH OF COMPLETED WELL: 4450' ROTARY XX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Benson  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS XX 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			
<del>20 - 16</del> 11"	20'	20'	To surface
9 - 5/8			
8 - 5/8	900'	900'	To surface
7			
5 1/2			
4 1/2	4450'	4450'	125 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 120' FEET \_\_\_\_\_ SALT WATER None FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS Below Coal  
 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