



Minimum Error of Closure 1' IN 200'

Source of Elevation B.M. = C.G.S.C. WELL NO. 7238 EL-747'

"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 53 S3 W8

F.B. 1822 PG. 28-29

Company CONSOLIDATED GAS SUPPLY CORP.

Address CLARKSBURG W.V.

Farm M.V.B. GEORGE (HIRAM UNDERWOOD JR. EST.)

Tract 238.75 Lease No. 12804

Well or Point No. Serial No. 12274

Elevation (Spot Level) 749' WC

Quadrangle CENTER POINT 7 1/2, 15'

County TYLER District MC ELROY

Engineer Danell M Radcliffe

Engineer's Registration No. LL.S.-74

File No. Drawing No.

Date 3-4-77 Scale 1"=1,000'

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

WELL LOCATION MAP
FILE NO. TYL-481

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing. 47-095 APR 7 1977



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle CENTERPOINT
Permit No. TYL-181
17-095

Company <u>Consolidated Gas Supply Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Clarksburg, W. Va.</u>				
Farm <u>M.V.B. George</u> Acres <u>238.35</u>				
Location (waters) <u>Georges Run</u>				
Well No. <u>12274</u> Elev. <u>719'</u>	Size <u>20 1/2"</u>	<u>20'</u>	<u>20'</u>	To surface
District <u>McElroy</u> County <u>Tyler</u>	Cond. <u>11"</u>	<u>211'</u>	<u>211'</u>	To surface
The surface of tract is owned in fee by _____	<u>9 5/8</u>			
Address _____	<u>8 5/8</u>	<u>1699'</u>	<u>1699'</u>	To surface
Mineral rights are owned by _____	<u>7</u>			
Address _____	<u>5 1/2</u>			
Drilling Commenced <u>4-12-77</u>	<u>4 1/2</u>	<u>1211'</u>	<u>1211'</u>	288 bags
Drilling Completed <u>4-21-77</u>	<u>3</u>			
Initial open flow <u>179 M</u> cu. ft. _____ bbls.	<u>2</u>			
Final production <u>671 M</u> cu. ft. per day _____ bbls.	Liners Used			
Well open <u>3 1/2</u> hrs. before test <u>1050#</u> RP.				

Well treatment details: Attach copy of cementing record.
Well treated in Benson with 30,000# sand, 585 bbl water and 1000 gal 10% HCL
Perforations: 1821-1828' 16 holes
Well treated in Gordon with 12,000# sand, 610 bbl water & 750 gal 15% acid
Perforations: 2511-2521' with 21 holes

671 MCF

Coal was encountered at 175' Feet 60" Inches
Fresh water 15' 80' 180' 300 Feet _____ Salt Water _____ None _____ Feet _____
Producing Sand Gordon Depth 2511-21'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale & Red Rock			0	160	Water	15' & 80' Fresh
Sand & Shale			160	175	Water	180 & 300' Fresh
Coal			175	180		
Sand & Shale			180	1625		
Little Lime			1625	1645		
Big Lime			1645	1730		
Big Injun			1730	1800		
Sand & Shale			1800	2030		
Weir			2030	2110		
Sand & Shale			2110	2460		
Gordon Stray-Gordon			2460	2610		
Sand & Shale			2610	2890		
Bayard			2890	2922		
Warren			2922	3150		
Speechley			3150	3570	Gas	31' 00' show
Balltown			3730	3830		
Bradford			4290	4380		
Riley			4530	4650		
Benson			4760	4780		Benson dry & plugged back
Total Depth Drilled				4963'		
Gelled & cemented back to				1000'		Present total depth
KBM 10' above G.L.						

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

* Indicates Electric Log tops in the remarks section.

(over)
4963
2610
2353 exp. ft.



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 March 16, 1977

Surface Owner Hiran Underwood, Jr.

Company Consolidated Gas Supply Corporation

Address Middlebourne, WV

Address Clarksburg, W. Va.

Mineral Owner Garnet McKeown Bartlett

Farm M.V.B. George Acres 238.75

Address Rt. #1, Box 30, Parkersburg, WV 26101

Location (waters) Georges Run

Coal Owner Same

Well No. 12271 Elevation 7191

Address _____

District McElroy County Tyler

Coal Operator None

Quadrangle CENTERPOINT

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 7-28-77

INSPECTOR TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech Street, Clarksburg, W. Va.

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 02-11-73 19 by M.V.B. George made to Consol. Gas Sply Corp. and recorded on the 11th day of February 19 08 in Tyler County, Book 66 Page 621

XXXX 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) R. E. Payne Manager of Production
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

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by R. E. Payne

47-481 PERMIT NUMBER
47-095

Aming

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 Drilling Co. NAME R. E. Bayne
ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.
TELEPHONE _____ TELEPHONE 623-3611
ESTIMATED DEPTH OF COMPLETED WELL: 4980' 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"	20'	20'	To surface
18 11"	250'	250'	To surface
9 - 5/8			
8 - 5/8	1710'	1710'	To surface
7			
5 1/2			
4 1/2	4980'	4980'	125 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 95 FEET _____ SALT WATER None FEET _____
APPROXIMATE COAL DEPTHS Unknown (Est. 24" @ 717') _____
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