

LATITUDE 39°22'30"
(15) 39°25'

LONGITUDE 80°57'30"
(15) 80°55'

Minimum Error of Closure 1" in 200'
 Source of Elevation B.M. Intersection Rt 20 & G Forrester's Drive
N.W. Corner of Pennsboro, U.S.G.S. Map-1961 Elev. 837'
 "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 61 S6-W20 FB. 1936 Page 17-26

Company Consolidated Gas Supply Corporation
 Address Clarksburg, W. Va.
 Farm J. VICTOR AYRES (JV Ayres, Surf.)
 Tract Acres 189 Lease No. 78429
 Well (Farm) No. _____ Serial No. 12563
 Elevation (Spirit Level) 1006' WC
 Quadrangle WEST VIRGINIA
Pennsboro, W.Va.-7 1/2-1961
 County Tyler District Meade
 Engineer Michael S. Zemel
 Engineer's Registration No. 5525
 File No. _____ Drawing No. _____
 Date 10-4-78 Scale 1"=1000'

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

WELL LOCATION MAP
 FILE NO. TYL-669

+ 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 NOV 1 1978



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

MAY - 3 1979
OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division
WELL RECORD

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)
47-045-0001

Quadrangle Pennsboro

Permit No. TYL-669
17-095

Company Consolidated Gas Supply Corp.
Address 415 W. Main St., Clarksburg, WV
Farm J. Victor Ayres Acres 189
Location (waters) Josephs Fork
Well No. 12563 Elev. 1006'
District Meade County Tyler
The surface of tract is owned in fee by _____
J. Victor Ayres
Address Attica, Ohio
Mineral rights are owned by Same
Address _____
Drilling Commenced December 6, 1978
Drilling Completed December 13, 1978
Initial open flow 36.9M cu. ft. _____ bbls.
Final production 179M cu. ft. per day _____ bbls.
Well open 2 hrs. before test 11 day 1560 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size <u>20-16</u>			
Cond. <u>13/16" 11 3/4"</u>	<u>247'</u>	<u>247'</u>	To surface
<u>9 5/8</u>			
<u>8 5/8</u>	<u>1711'</u>	<u>1711'</u>	To surface
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>	<u>5074'</u>	<u>5074'</u>	125 Sks.
<u>3</u>			
<u>2</u>			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Well fractured in Benson with 60,000# sand, 800 bbls. of water & 500 gals. 15% Hcl.
Perforations: 1,876-1,881 with 16 holes.

Coal was encountered at None Feet _____ Inches _____
Fresh water 55' Feet _____ Salt Water 1309' Feet _____
Producing Sand Benson Depth 1,876 - 1,881'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay & Red Rock			0	50		
Sandy Shale			50	75	Water	55' Damp
Red Rock			75	90		
Sandy Shale			90	120		
Red Rock			120	135		
Sand & Shale			135	320		
Red Rock & Shale			320	375		
Sand & Shale			375	610		
Red Rock & Shale			610	650		
Sand & Shale			650	1840	Water	1309' Damp
Little Lime			1840	1850		
Shale			1850	1865		
Big Lime			1865	1960		
Injun			1960	2035		
Sand & Shale			2035	3460		
Upper Speechley			3460	3530		
Shale			3530	3685		
Speechley			3685	3700		
Shale			3700	3850		
Balltown			3850	3970		
Shale			3970	4670		
Riley			4670	4770		
Shale			4770	4870		
Benson			4870	4880		

5459
2035
3424 Exp. Ft.

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Shale			4880	5100		
Cedar Creek	ALEX.		5100	5320		
Shale			5320	5459	T.D.	
KBM 10 ' above G. L.						
Gamma Ray Log Tops						
Little Lime			1828	1846		
Big Lime			1854	1905		
Big Injun			1905	1960		
Pocono			1968	1984		
Weir			2260	2398		
Berea			2470	2484		
Gordon Stray			2666	2806		
lith			2864	2877		
5th			2960	2960		
Warren			3207	3235		
Upper Speechley			3427	3486		
Balltown			3761	4019		
Bradford			4450	4572		
Riley			4613	4777		
Benson			4872	4884		
Cedar Creek			5107	5157		

Consolidated Gas Supply Corp.
 445 West Main Street
 Clarksburg, West Virginia

Date May 1, 1979

19 79

APPROVED: Consolidated Gas Supply Corp. (Stamp)

By *E. X. [Signature]* Manager of Prod.

(11/1/79)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

OCT 17 1978

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 October 16, 1978

Surface Owner J. Victor Ayres
Address Attica, Ohio
Mineral Owner Same
Address _____
Coal Owner Unknown
Address _____
Coal Operator None
Address _____

Company Consolidated Gas Supply Corp.
Address 445 W. Main St., Clarksburg, WV
Farm J. Victor Ayres Acres 189
Location (waters) Josephs Fork
Well No. 12563 Elevation 1006'
District Meade County Tyler
Quadrangle Pennshoro

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 2-17-79

INSPECTOR
TO BE NOTIFIED Phillip Lee Tracy

ADDRESS P. O. Box 173, Middlebourn, WV

PHONE 758-4573


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 March 29, 1969 by J. Victor Ayres made to Consolidated Gas Supply and recorded on the 16th day of May 1969, in Tyler County, Book 182 Page 175

NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

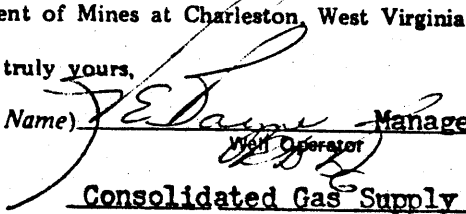
The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

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)  Manager of Prod.

Address of 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

TYL-669 PERMIT NUMBER

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

PROPOSED WORK ORDER TO X 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, WV
 TELEPHONE _____ TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 5450' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 16	20'	20'	To surface
16 11 3/8"	250'	250'	To surface
9 - 5/8			
8 - 5/8	1700'	1700'	To surface
7			
5 1/2			
4 1/2	5450'	5450'	
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 90 FEET SALT WATER None FEET
 APPROXIMATE COAL DEPTHS Unknown
 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