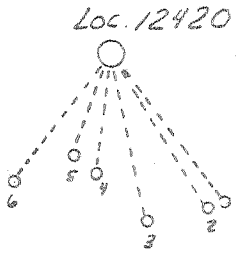
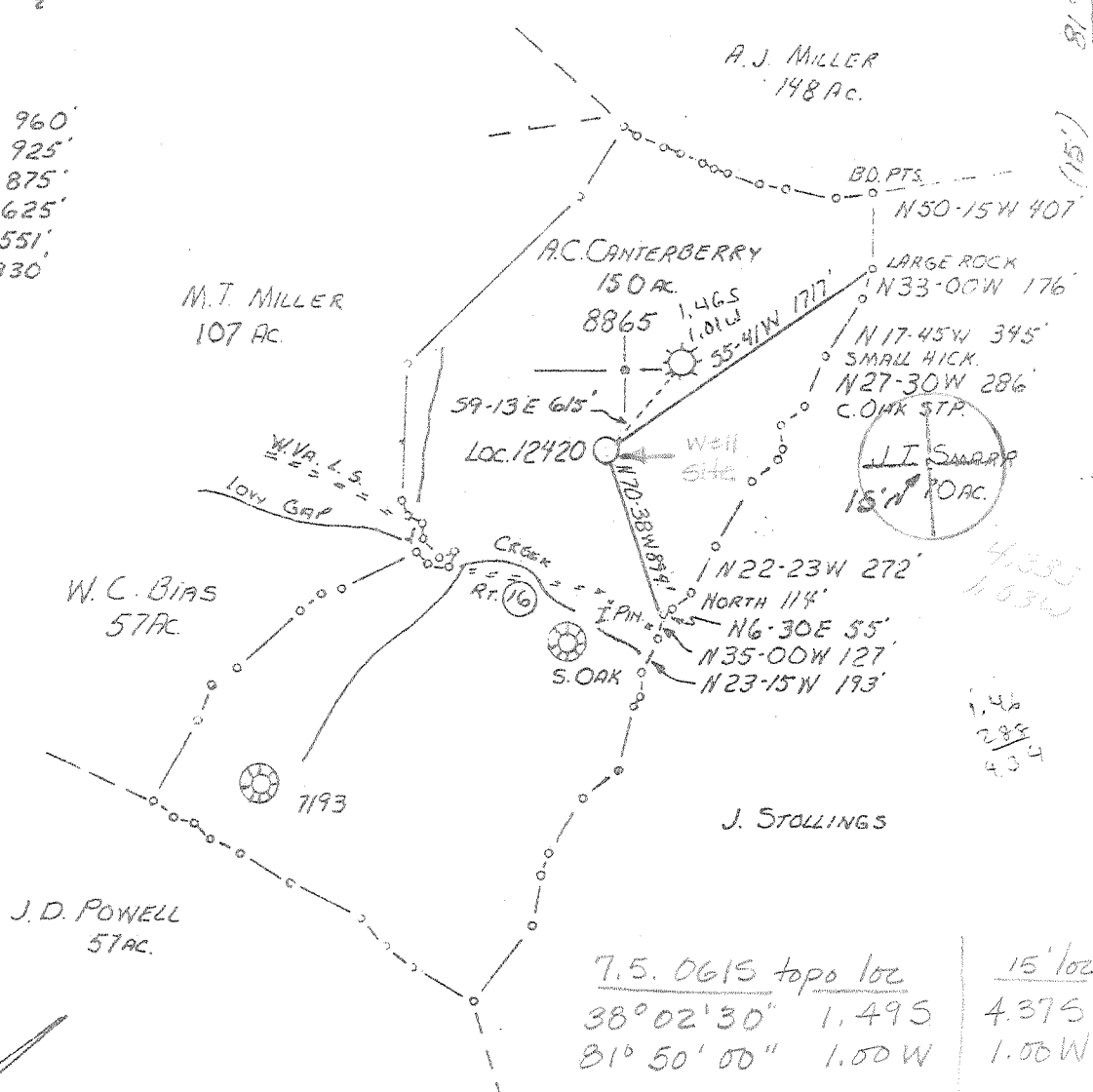


HOUSES WITHIN 1000'



1. 586-35E 960
2. 581-07E 925
3. 561-05E 875
4. 541-46E 625
5. 529-18E 551
6. 511-16E 830



81° 50'
 81° 50'
 (15')
 LONGITUDE

7775

4.335
1.53W

1.46
2.85
4.31

7.5. 0615 topo loc	15' loc
38° 02' 30"	1.495
81° 50' 00"	1.00W
	4.375
	1.00W

Minimum Error of Closure: 1 IN 500

Source of Elevation: LEVELS FROM USCGS STD. DISC. # E157, 1957, LOCATED SOUTH LOW GAP ROAD AND 1.10 MI SOUTH WEST OF LOW GAP. ELEV. 873.0'

"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 164W S-97W-71 FIELD BOOK 1781 Pg. 39-40 FIELD BOOK 1891 Pg. 1-2

Company: CONSOLIDATED GAS SUPPLY CORP.
 Address: CLARKSBURG, WEST VIRGINIA
 Farm: A.C. CANTERBERRY, A.T. MILLER
 Tract: 150 AC. 41877
 Well (Farm) No.: 12420
 Elevation (Spirit Level): 975
 Quadrangle: MADISON 7.5 MIN., 15' SC
 County: BOONE CO. District: WASHINGTON
 Engineer: Darrell M Radcliffe
 Engineer's Registration No.: 22574
 File No.: _____ Drawing No.: _____
 Date: AUG. 5, 1977 Scale: 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. B00-1074

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.

NOV 22 1977

— Denotes one inch spaces on border line of original tracing.

47-005

DEEP WELLS 580' Shale 6-6 CURRY JEFFREY 246 E 39



RECEIVED

OCT 10 1978

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle Madison

Permit No. B00-1074
47-005

Company	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
<u>Consolidated Gas Supply Corp.</u>				
<u>445 W. Main St., Clarksburg, WV</u>				
<u>Farm A. G. Canterbury Acres 150</u>				
<u>Location (waters) Low Gap Creek</u>				
<u>Well No. 12420 Elev. 975'</u>	Size			
<u>District Washington County Boone</u>	<u>20-1/8</u>			
<u>The surface of tract is owned in fee by</u>	<u>Cond. 31'</u>	<u>31'</u>	<u>31'</u>	<u>To surface</u>
<u>A. T. Miller</u>	<u>13/16" 11 3/4"</u>	<u>469'</u>	<u>469'</u>	
<u>Address Box 111, Danville, WV 25053</u>	<u>9 5/8</u>			
<u>Mineral rights are owned by Lanty Miller, Agt.</u>	<u>8 5/8</u>	<u>2131'</u>	<u>2131'</u>	<u>125 Sks.</u>
<u>Address Danville, WV</u>	<u>7</u>			
<u>Drilling Commenced March 21, 1978</u>	<u>5 1/2</u>			
<u>Drilling Completed April 5, 1978</u>	<u>4 1/2</u>			
<u>Initial open flow 0 cu. ft. bbls.</u>	<u>3</u>			
<u>Final production 112M cu. ft. per day bbls.</u>	<u>2</u>			
<u>Well open 24 hrs. before test 305# RP.</u>	<u>Liners Used</u>			

Well treatment details:

Attach copy of cementing record.

Well shot from 2976' to 4200' with 11,900# of 80% gel.

Coal was encountered at 51', 185', 286', 428' Feet 108", 36", 12", 36" inches
Fresh water None Feet _____ Salt Water 960' Feet _____
Producing Sand Brown Shale Depth 1958' - 4210'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Rock			0	40		
Sand			40	51		
Coal			51	60		
Sand & Shale			60	185		
Coal			185	187		
Sand			187	286		
Coal			286	287		
Sand			287	428		
Coal			428	431		
Sand & Shale			431	1020	Water-salt	960'
Red Rock			1020	1100		
Shale			1100	1450		
Injun			1450	1478		
Shale			1478	1931		
Berea			1931	1968		
Shale			1968	4220		
Lime	<u>BROWN SHALE</u>		4220	4228	T.D.	
	<u>KBM 10' above G. L.</u>					

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Log Tops						
Maxton			1121	1117		
Little Lime			1160	1204		
Big Lime			1217	1445		
Berea			1922			
Brown Shale Zone III			3096			
Brown Shale Zone II			3340			
Brown Shale Zone I			3946			
Marcellus			4164			
Onondaga			4194			
Total Depth				4218		
						Consolidated Gas Supply Corp. 445 West Main Street Clarksburg, West Virginia

Date October 6, 1978

APPROVED Consolidated Gas Supply Corp. Owner

By [Signature] Manager of Prod.

(Title)

6



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

OCT 19 1977

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE September 22, 1977

Surface Owner A. T. Miller
Address Rox 111, Danville, WV 25053
Mineral Owner Lanty Miller Agt.
Address Danville Bank, Danville, W. Va.
Coal Owner Dr. Ralph Allen, et al
Address Pikeville, KY
Coal Operator None
Address _____

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm A. C. Canterbury Acres 150
Location (waters) Low Gap Creek
Well No. 12420 Elevation 975'
District Washington County Boone
Quadrangle MADISON

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 3-3-78.

Deputy Director - Oil & Gas Division

INSPECTOR
TO BE NOTIFIED Arthur C. St. Clair
ADDRESS Box 157, Brenton, W. Va.
PHONE 732-6227

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 9-7-18 19 by A. C. Canterbury made to Hope Natural Gas Co. and recorded on the 3rd day of October 1918, in Boone County, Book 4 Page 442

 XXX 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 Same 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

Address
of
Well Operator

Very truly yours,
(Sign Name) Robert H. Reed Manager of Prod.
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

BOO-1074 PERMIT NUMBER

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

47-005

Signed by

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

PROPOSED WORK ORDER TO XXX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Ray Resources _____ NAME R. E. Payne _____
 ADDRESS Charleston, W. Va. _____ ADDRESS Fridgetown, W. Va. _____
 TELEPHONE _____ TELEPHONE 623-3611 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 3580' _____ ROTARY XXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Shale _____
 TYPE OF WELL: OIL _____ GAS XX 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.
28 - 16"	60'	60'	To surface
18 11"	450'	450'	To surface
9 - 5/8			
8 - 5/8	2500'	2500'	To surface
7			
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 85' FEET _____ SALT WATER None FEET _____
 APPROXIMATE COAL DEPTHS Various _____
 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