



7.50615 topo loc
-0.11 S
0.55 W

Minimum Error of Closure 1" IN 2500
Source of Elevation LEVELS FROM STA. #21, PLUG IN ROCK FLOOR OF #4 OPENING OF BROWN MINING CORP. MINE. F.B. #7 R. 41 EL. 1569.0
"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 161W 596 W 57 F.B. 1735 PAGE 10-12

Company CONSOLIDATED GAS SUPPLY CORP.
Address CLARKSBURG, WEST VIRGINIA
Farm FEDERAL COAL COMPANY
Tract Acres 18348 Lease No. 76408
Well (Farm) No. Serial No. 11744
Elevation (Spirit Level) 1001'
Quadrangle PEYTONA, S.C.
County BOONE District SHERMAN
Engineer Jackson M. Jarrett
Engineer's Registration No. 2397
File No. Drawing No.
Date 6-12-75 Scale 1" = 2640'

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

WELL LOCATION MAP
FILE NO. B00-1052

+ 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.

47-005 AUG 6 1975



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 Peyton

Permit No. B00-1052

Company <u>Consolidated Gas Supply Corp.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Clarksburg, WV</u>	Size			
Farm <u>Federal Coal Co.</u> Acres <u>18,348</u>	<u>20x26</u>	20'	20'	To surface
Location (waters) <u>Coal River</u>	Cond.			
Well No. <u>11744</u> Elev. <u>1001'</u>	13x10 <u>11"</u>	267'	267'	To surface
District <u>Sherman</u> County <u>Boone</u>	<u>9 5/8</u>			
The surface of tract is owned in fee by _____	<u>8 5/8</u>	1556'	1556'	90 bags
Address _____	<u>7</u>			
Mineral rights are owned by _____	<u>5 1/2</u>			
Address _____	<u>4 1/2</u>	2914'	2914'	110 bags
Drilling Commenced <u>10-17-75</u>	<u>3</u>			
Drilling Completed <u>11-01-75</u>	<u>2</u>			
Initial open flow <u>189M</u> cu. ft. _____ bbls.	Liners Used			
Final production <u>326M</u> cu. ft. per day _____ bbls.				
Well open <u>14</u> days hrs. before test <u>614#</u> RP.				

Well treatment details: Attach copy of cementing record.

Fractured Berea with 35,000# sand, 450 bbl. water, and 500 gal. 15% acid.

Perforations: 2810-2817 with 14 holes

Fractured Weir with 75,000# sand, 700 bbl. water and 500 gal. 15% acid.

Perforations: 2626-2640 with 22 holes

Acidized Big Lime with 12,000 gal. 15% acid

Perforations: 2269-74 with 8 holes

Coal was encountered at None Feet _____ Inches _____

Fresh water None Feet _____ Salt Water 474' Feet _____

Producing Sand Big Lime & Weir Depth See perms.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	1670	Water 474'	Salty
Ravencliff			1670	1722		
Shale & Red Rock			1722	1781		
Upper Maxton			1781	1850		
Little Lime			1850	-		
<u>Big Lime</u>			-	2335	Gas	Big Lime
Pocono (Injun)			2335	2380		
<u>Weir</u>			2380	2680	Gas	2626-40
Shale			2680	2800		
<u>Berea</u>			2800	2815	Show Gas	
Total Depth				2966		
Set Bridge Plug @				2700	New TD 2700	

KB Measurement 10' above GL

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL 18 1975

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 July 17, 1975

Surface Owner Federal Coal Company
Address Union Building, Charleston, W. Va.
Mineral Owner Thomas R. Goodwin, Trustee
Address 730 Charleston National Plaza
Charleston, W. Va.
Coal Owner Arneo Steel Corp.
Address Prenter, W. Va.
Coal Operator Same
Address _____

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Federal Coal Co. Acres 18,348
Location (waters) Coal River
Well No. 11744 Elevation 1001'
District Sherman County Boone
Quadrangle PEYTONA

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 11-28-75.

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Kenneth Butcher
PH: 736-4885 ADDRESS Barbourville,
W. Va.

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 8-29-22 19 by Federal Coal Co. made to Godfrey L. Cabot and recorded on the 20th day of September 1922 in Boone County, Book 4 Page 235

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 _____ 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, [Signature] Manager of Prod.
(Sign Name) [Signature] Well Operator

Address
of
Well Operator

Consolidated Gas Supply Corporation
Street
445 West Main Street
City or Town
Clarksburg, W. Va.
State _____

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

*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.

Boo-1052 PERMIT NUMBER
47-005

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 Union Drilling Company NAME R. E. Bayne
 ADDRESS Buckhannon, W. Va. ADDRESS Bridgeport, W. Va.
 TELEPHONE _____ TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 3000' ROTARY XXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Brown Shale
 TYPE OF WELL: OIL _____ GAS XXX 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	20'	20'	To surface
11"	(250'	250'	
9 - 5/8 13" jacket	(140' to	75'	To surface
8 - 5/8	1550'	1550'	85 bags
7	Back-off nipple @ 900' to remove 8" if not needed		
5 1/2	3000'	3000'	125 bags
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 95' FEET _____ SALT WATER None FEET _____
 APPROXIMATE COAL DEPTHS Various
 IS COAL BEING MINED IN THE AREA? Yes BY WHOM? Armco

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