



Minimum Error of Closure 1' in 200'
 Source of Elevation Consolidated Gas Supply Corporation Well No. 10395
 Elevation - 1555'
 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 43B S-25 E-29

FB.1755 Pg. 13 & 14

Company Consolidated Gas Supply Corporation
 Address 445 W. Main St., Clarksburg, W. Va.
 Farm James M. O'Neal
 Tract Acres 56 Lease No. 68912
 Well (Farm) No. Serial No. 11796
 Elevation (Spirit Level) 1440'
 Quadrangle Audra 7 1/2; Philippi 15
 County Barbour District Philippi
 Engineer Jackson M. Jantz
 Engineer's Registration 2397
 File No. 6
 Date August 1, 1975
 Drawing No. Scale 1" = 660' 40P

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. BAR-729

Indicates 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. 47-001

6-6 Philippi (309) 6960 SEP 30 1975



REVIEW
JAN 22 1976

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Audra
Permit No. BAR-729

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

Company Consolidated Gas Supply Corp.
Address Clarksburg, WV
Farm James M. O'Neal Acres 56
Location (waters) Fayette Valley River
Well No. 11796 Elev. 1440
District Phillippi County Barbour
The surface of tract is owned in fee by _____

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size <u>X20-16</u>	<u>40'</u>	<u>40'</u>	To surface
Cond. <u>XXXX</u>	<u>11"</u>	<u>367'</u>	To surface
<u>9 5/8</u>			To surface
<u>8 5/8</u>	<u>1346'</u>	<u>1346'</u>	To surface
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>	<u>3802'</u>	<u>3802'</u>	100 bags
<u>3</u>			
<u>2</u>			
Liners Used			

Drilling Commenced 9-19-75
Drilling Completed 9-29-75
Initial open flow 73M cu. ft. _____ bbls.
Final production 949M cu. ft. per day _____ bbls.
Well open 14 day _____ hrs. before test. 1540# RP.

Attach copy of cementing record.

Well fractured in Benson with 60,000# sand, 850 bbl. water, 500 gal. acid.
Perforations: 3711-3718 with 21 holes.

949 MCF

Coal was encountered at 70' 158' 24" 24"
Fresh water 80' Feet Feet Feet Salt Water 400' Inches Feet
Producing Sand Benson Depth 3711-3718

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			0	70		
Coal			70	72	Water	80' Fresh
Sand & Shale			72	158		
Coal			158	160	Water	400'
Sand & Shale			160	930		
Little Lime			930	950		
Big Lime			950	1190	Oil	985' Show
Sand & Shale			1190	1805		
5th Sand			1805	1875		
Bayard			1875	2015		
Sand & Shale			2015	3690	Gas	3711-3718
Benson			3690	3700		
Total Depth				<u>3850'</u>		

KB Measurement 11' above GI

(over)

Consolidated Gas Supply Corporation
445 West Main Street
Clarksburg, West Virginia 26301

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

SEP 8 - 1975

Oil and Gas Division
OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 5, 1975

Surface Owner James M. O'Neal
Address Route #1, Box 77, Phillippi, W. Va.
Mineral Owner Same
Address _____
Coal Owner Grafton Coal Company
Address Hills Plaza, Bridgeport, W. Va.
Coal Operator Same
Address _____
Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm James M. O'Neal Acres 56
Location (waters) Tygarts Valley River
Well No. 11796 Elevation 1110'
District Phillippi County Barbour
Quadrangle AUDRA

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 1-17-76.

Richard
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Thomas
PH: 472-4418 ADDRESS Rockwood Ave.

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 8-20-59 by J. M. O'Neal in 19 59 made to Hope Natural Gas Co. and recorded on the 28th day of September in Barbour County, Book L1 Page 60
XXX NEW WELL DRILL DEEPER REDRILL RACTURE 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.

Very truly yours,
Alto Payne Manager of Prod.
Well Operator

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
Address _____
of _____
Well Operator _____
City or Town _____
Street _____
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 thereby by the department and that the same is approved and the well operator authorized to proceed.

BLANKET DRAW

Bar-729 PERMIT NUMBER
47-001

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 S. W. Jack Drilling Company NAME R. E. Bayne
 ADDRESS Indiana, Pa. ADDRESS Bridgetown, W. Va.
 TELEPHONE TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 3850' ROTARY XXX CABLE TOOLS
 PROPOSED GEOLOGICAL FORMATION: Benson
 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.
XXX 16"	20'	20'	To surface
XXX 11"	250'	250'	To surface
9 - 5/8			
8 - 5/8	1350'	1350'	85 bags
7			
5 1/2			
4 1/2	3850'	3850'	125 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 65' FEET SALT WATER None FEET
 APPROXIMATE COAL DEPTHS on strip - This location was postponed until Gratton Coal
 IS COAL BEING MINED IN THE AREA? BY WHOM? completed stripping.

TO DRILL:
 SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT

TO DRILL DEEFER 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