

Maximum Error of Closure 1" = 200'
 Source of Elevation R.D. F.K. ELEVATION 1233'
 The undersigned hereby certifies that this map was prepared to the best of his knowledge and belief and shows all the information required by the provisions of the rules and regulations of the coal and gas section of the mining law of the State of Virginia.

RECONDITION

Other Proper
Abandonment

X- 7-19-74
MAP SHEET 56-521-E16, F.B. 1029' Pg. 5

Company **CONSOLIDATED GAS SUPPLY CORP**
 Address **CLARKSBURG, W. VA.**
 Name **R. B. BARTLETT**
 Acres **153** Lease No. **15324**
 Well Name No. **(5648)** Serial No. **CH-631**
 Elevation (Spot Level) **1412'**
 Quadrangle **WESTON**
 County **HARRISON** District **ELK**
 Engineer **Jackson M. Garvin**
 Engineer's Registration No. **2397**
 File No. _____ Drawing No. _____
 Date **JULY 15, 74** Scale **1" = 1320'**

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

WELL LOCATION MAP

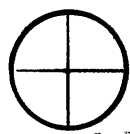
FILE NO. **HAR-840-REC-P**

Plugging Cancelled

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.

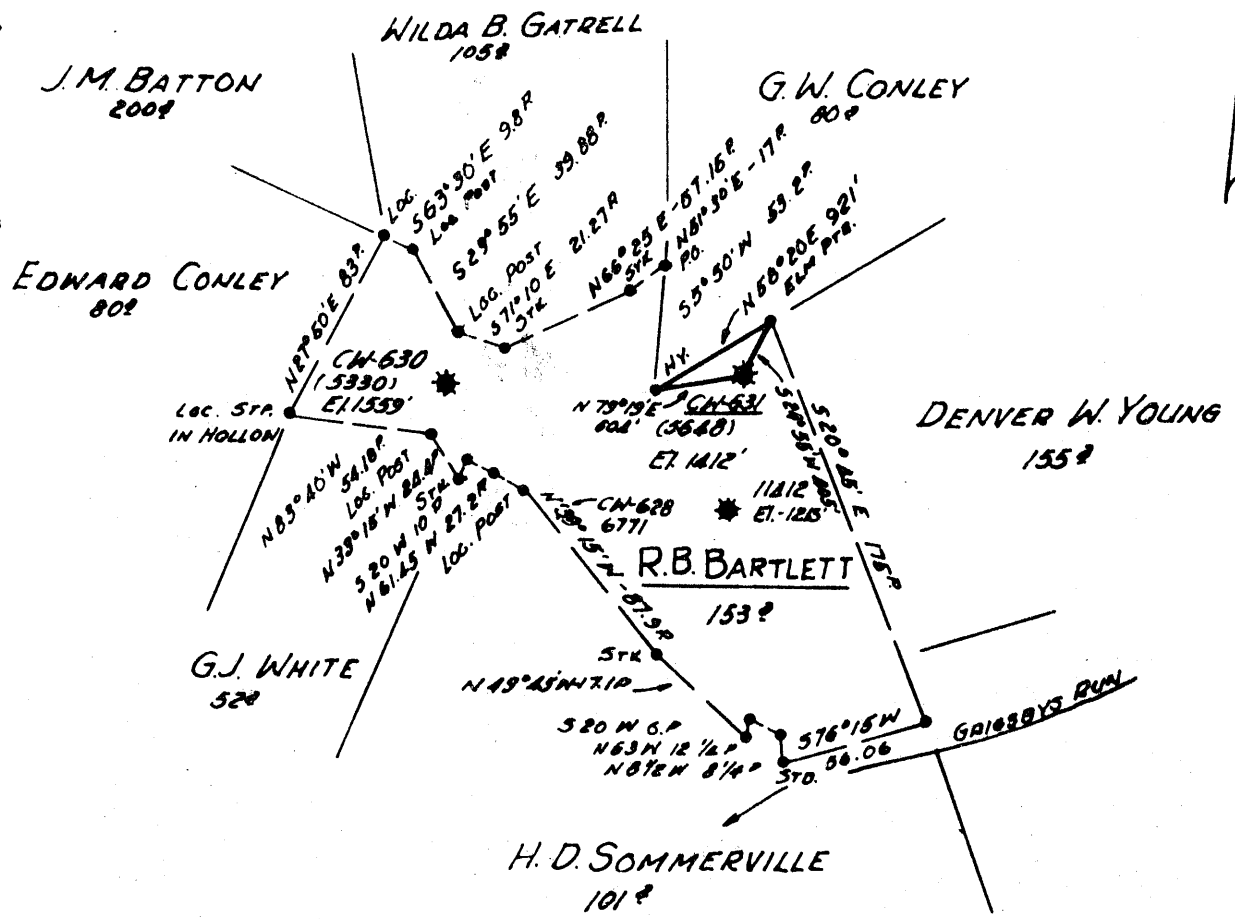
Denotes one inch spaces on border line of original tracing.

47-033



39 09 30
80 18 20

0.575
2.94 W



Minimum Error of Closure 1" = 200'
 Source of Elevation R.D. FK. ELEVATION 1233'

"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"

RECONDITION
 Drill Deeper
 Abandonment

7-19-74
 X- MAP SHEET 56-521-E16, F.B. 1029' Pg. 5

Company CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG, W. VA.
 Farm R. B. BARTLETT
 Tract Acres 153 Lease No. 15324
 (5648)
 Well Farm No. Serial No. CN-631
 Elevation (Surf Level) 1412'
 Quadrangle WESTON EC
 County HARRISON District ELK
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397

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

WELL LOCATION MAP
 FILE NO MAR-840-REC-P

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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

RECORDED
1975

Quadrangle Weston
Permit No. HAR-840-Rec.

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

Company Consolidated Gas Supply Corp.
Address Clarksburg, WV
Farm R. B. Bartlett Acres 153
Location (waters) Grigsby's Run
Well No. CW-631 Elev. 1412
District Elk County Harrison
The surface of tract is owned in fee by _____
H. D. Bartlett
Address Lost Creek, WV
Mineral rights are owned by Same
Address _____
Drilling Commenced 7-24-74
Drilling Completed 7-30-74
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

| Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
|-----------------------------|------------------|--------------|-------------------------------|
| Size 20-16 | | | |
| Cond. 18 -10" | 125 | 125 | 175 SKS |
| 9 5/8 | | | |
| 8 5/8 | | | |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | 2063 | 2063 | 700 SKS |
| 3 | | | |
| 2 | | | |
| Liners Used | | | |

Well treatment details:

Attach copy of cementing record.

*Reconditioned and shut in for Lost Creek Storage.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|--------------|-------|--------------|----------|-------------|-------------------|-----------|
| Big Lime | | | 1425 | 1501 | | |
| Big Injun | | | 1501 | 1601 | | |
| <u>Gantz</u> | | | 1814 | 1848 | Gas | 1828-34 |
| Gantz "A" | | | 1859 | 1889 | Gas | 1875-85 |
| 50' | | | 1908 | 2035 | | |
| Total Depth | | | | 2117 | | |

(over)

* Indicates Electric Log tops in the remarks section.



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 July 19, 1971

Surface Owner Harold D. Bartlett
Address Lost Creek, W. Va.
Mineral Owner Same
Address _____
Coal Owner Same
Address _____
Coal Operator None
Address _____

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm R. B. Bartlett Acres 153
Location (waters) Grigsby's Run
Well No. CW-631 Elevation 1412'
District Elk, County Harrison
Quadrangle WESTON

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 reconditioning. This permit shall expire if operations have not commenced by 11-19-74

INSPECTOR TO BE NOTIFIED Paul Garrett
Clarksburg, W. Va. PH: 622-3871

Robert R. Baine
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 5-17-09 19 by R. R. Bartlett made to Hope Natural Gas Co. and recorded on the 25th day of March 19 in Harrison County, Book 181 Page 153 recondition
NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
XXX 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,
(Sign Name) R. E. Baine Manager of Prod. Well Operator

PLEASE SUBMIT COPIES OF ALL
CORRESPONDENCE DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 334-236-4461

Address
of
Well Operator

Consolidated Gas Supply Corporation
Street
141 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 notice and 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 BOARD

HAR-840-REC PERMIT NUMBER

Survey

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

Recondition

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN XX FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME S. W. Jack Drilling Company NAME R. E. Bayne
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.
 TELEPHONE _____ TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 2050' ROTARY XXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gantz Obs.
 TYPE OF WELL: OIL _____ GAS _____ COMB. _____ STORAGE XXX 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 | Will cement lower hole from T.D. to 2050' and run string of 4 1/2" casing and cement to surface for Storage observation well. | | |
| 13 - 10 | | | |
| 9 - 5/8 | | | |
| 8 - 5/8 | | | |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | 2050' | 2050' | To surface |
| 3 | | | Perf. Top |
| 2 | | | Perf. Bottom |
| Liners | | | Perf. Top |
| | | | Perf. Bottom |

APPROXIMATE FRESH WATER DEPTHS N. R. FEET _____ SALT WATER 1878' FEET _____
 APPROXIMATE COAL DEPTHS 200'
 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