

Minimum Error of Closure 1' IN 200'
 Source of Elevation LEVELS FROM C.G.S.C. GAS WELL 7627
ELEV. 1432'

"I, the undersigned, heroby certify that this map is correct to the best of my knowl-
 edge 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."

7.5 min 0675 la ^{sch} 15 min
 38° 00' 1.955 1.953
 81° 32' 30" 2.154 4.420

New Location
 Drill Deeper
 Abandonment

issued **5/24/73**

MAP SHEET 161W - 5101 - W56 F.B. 1640 Pg. 1-3

Company CONSOL. GAS SUPPLY CORP.
 Address CLARKSBURG, W. VA.
 Farm FEDERAL COAL CO.
 Tract 18338 Lease No. 46408
 Well (Farm) No. 11585
 Elevation (Spirit Level) 1636'
 Quadrangle BALD KNOB N.E.
 County BOONE District SHERMAN
 Engineer Jackson M. Jarrod
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 2-27-73 Scale 1" = 1320'

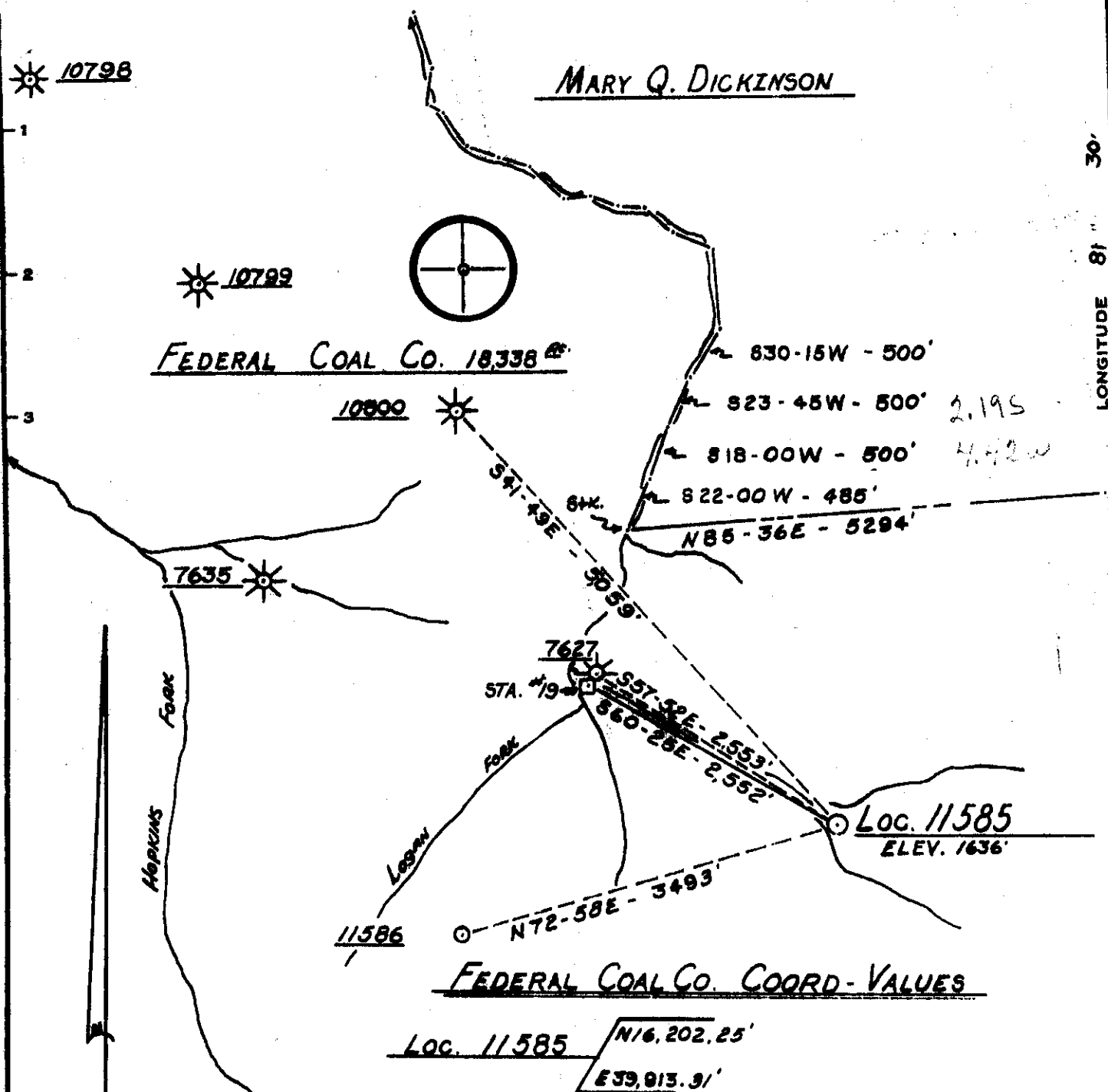
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Bas-1039-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.

47-005



FEDERAL COAL CO. COORD-VALUES

LOC. 11585 $\begin{matrix} N16,202.25' \\ E39,913.91' \end{matrix}$

Minimum Error of Closure 1' IN 200'
 Source of Elevation LEVELS FROM C.G.S.C. GAS WELL 7627 ELEV. 1432'
 "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-5101-W56 F.B. 1640 A. 1-3

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STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. Res-1039
 + 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 WELLS DIVISION

RECEIVED
AUG 16 1973

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

| | |
|--|--|
| <u>Big Mountain Coal Company</u> COAL OPERATOR OR OWNER <u>Prenter, W. Va.</u> ADDRESS | <u>Consolidated Gas Supply Corporation</u> NAME OF WELL OPERATOR <u>Clarksburg, W. Va.</u> COMPLETE ADDRESS |
| <u>Federal Coal Company</u> COAL OPERATOR OR OWNER <u>70 1/2 Union Building, Charleston, W. Va.</u> ADDRESS | <u>August 11, 1973</u> 19 WELL AND LOCATION |
| <u>Same</u> LEASE OR PROPERTY OWNER ADDRESS | <u>Sherman</u> District <u>Roone</u> County |
| | Well No. <u>11585</u> |
| | <u>Federal Coal Company</u> Farm |

STATE INSPECTOR SUPERVISING PLUGGING Kenneth Butcher

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Harrison } ss:

M. V. Schumacher and F. G. Wilson
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidated Gas Supply Corporation well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 21th day of May, 19 73, and that the well was plugged and filled in the following manner:

| SAND OR ZONE RECORD FORMATION | FILLING MATERIAL | PLUGS USED SIZE & KIND | CASING | |
|----------------------------------|--|---------------------------|------------|-------------|
| | | | CSS PULLED | CSS LEFT IN |
| | Aquagel 1911' to 1000' | 20" | None | 20' |
| | Cement 1000' to 950' | 11" | None | 318' |
| | Aquagel 950' to 600' | 8" | 1000 | 833' |
| | Cement 600' to Surface | | | |
| | Could not be completed account of lost tools | | | |
| COAL SEAMS | DESCRIPTION OF MONUMENT | | | |
| (NAME) <u>Various</u> | Well marker installed according to rules & regulations | | | |
| (NAME) | | | | |
| (NAME) | | | | |
| (NAME) | | | | |

and that the work of plugging and filling said well was completed on the 21th day of May, 19 73.

And further deponents saith not.

F. G. Wilson
M. V. Schumacher
Halter & White

Sworn to and subscribed before me this 14 day of August, 19 73.

My commission expires:
March 13, 1980

Notary Public.
Permit No. B00-1039-P C. NOT.



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MAY 25 1973

OIL & GAS SURVEY
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary XX Oil _____
Cable _____ Gas dry c. vol. _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ **Dry**
(Kind)

Quadrangle BALD KNOB

Permit No. BOO-1039

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Federal Coal Company Acres 18,338
Location (waters) Logan Fork
Well No. 11585 Elev. 1636'
District Sherman County Boone
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 20" 20" | 20' | 20' | To surface |
| Cond. 11" | 318' | 318' | To surface |
| 9 5/8" | | | |
| 8 5/8" | 1833' | 1833' | 75 bags |
| 7" | | | |
| 5 1/2" | | | |
| 4 1/2" | | | |
| 3" | | | |
| 2" | | | |
| Liners Used | | | |

Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 5-7-73
Drilling Completed 5-23-73
Initial open flow None cu. ft. _____ bbls.
Final production None cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Well treatment details:

Attach copy of cementing record.

Well not completed account of expense that would be involved in getting out 500' of drill pipe inadvertently cemented in hole.

Coal was encountered at See log Feet _____ Inches _____
Fresh water 125' Feet _____ Salt Water None Feet _____
Producing Sand Did not reach any producing Depth _____

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|--------------|-------|--------------|----------|-------------|-------------------|-----------|
| Sand | | | 0 | 215 | | |
| Coal | | | 215 | 217 | | |
| Sand & Shale | | | 217 | 413 | | |
| Coal | | | 413 | 418 | | |
| Shale | | | 418 | 464 | Water | 125' |
| Coal | | | 464 | 469 | | |
| Shale | | | 469 | 560 | | |
| Coal | | | 560 | 564 | | |
| Shale | | | 564 | 1944' | | |
| Total Depth | | | | 1944' | | |

*T.D. above Maxton
in Pottsville Gr.*

Consolidated Gas Supply Corporation
115 West Main Street
Clarksburg, W. Va.

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR 16 1973

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 April 13, 1973

Surface Owner Federal Coal Company
Address 704 Union Building, Charleston, W.Va.
Mineral Owner Same
Address _____
Coal Owner Same
Address _____
Coal Operator Big Mountain Coal Company
Address Prenter, W. Va.

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Federal Coal Company Acres 18,338
Location (waters) Logan Fork
Well No. 11585 Elevation 1636'
District Sherman County Boone
Quadrangle BALD KNOB

INSPECTOR TO BE NOTIFIED Kenneth Butcher
RFD # 1
Barboursville, WV. PH: 736-4885

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 8-16-73.

Robert L. Podd
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 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
XX 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.

Very truly yours,
(Sign Name) R. E. Bayne Manager of Prod.
Well Operator

Address
of
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

Survey

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

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Lohmann Johnson NAME R. E. Bayne
 ADDRESS Charleston, W. Va. ADDRESS Bridgeport, W. Va.
 TELEPHONE _____ TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 3330' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Weir
 TYPE OF WELL: OIL _____ GAS XX 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 - XX | 20' | 20' | To surface |
| XXXX 11" | 300' | 300' | To surface |
| 9 - 5/8 | | | |
| 8 - 5/8 | 1800' | 1800' | 75 bags |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | 3330' | 3330' | 125 bags |
| 3 | | | Perf. Top |
| 2 | | | Perf. Bottom |
| Liners | | | Perf. Top |
| | | | Perf. Bottom |

APPROXIMATE FRESH WATER DEPTHS 120 FEET SALT WATER None FEET
 APPROXIMATE COAL DEPTHS Various
 IS COAL BEING MINED IN THE AREA? Yes BY WHOM? Big Mountain Coal Co.

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