

4.485
.95W

Minimum Error of Closure 1' in 200'
 Source of Elevation LEVELS FROM B.M. at CABOT STATION WELL 5667 EIV 692'
 "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."

- ~~Stimulation~~
 New Location
 Drill Deeper
 Abandonment

-4-7-72
 MAP SHEET 95 S35-W28 FB. 1606 PG 25-27

Compan. CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG, W.VA
 Farm G. W. HARDMAN
 Tract _____ Acres 175 Lease No. 20438
 Well (Farm) No. _____ Serial No. 5667
 Elevation (Spirit Level) 791'
 Quadrangle ARNOLDSEBURG, N.C.
 County CALHOUN District CENTER
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 1-5-72 Scale 1" = 80 FEET

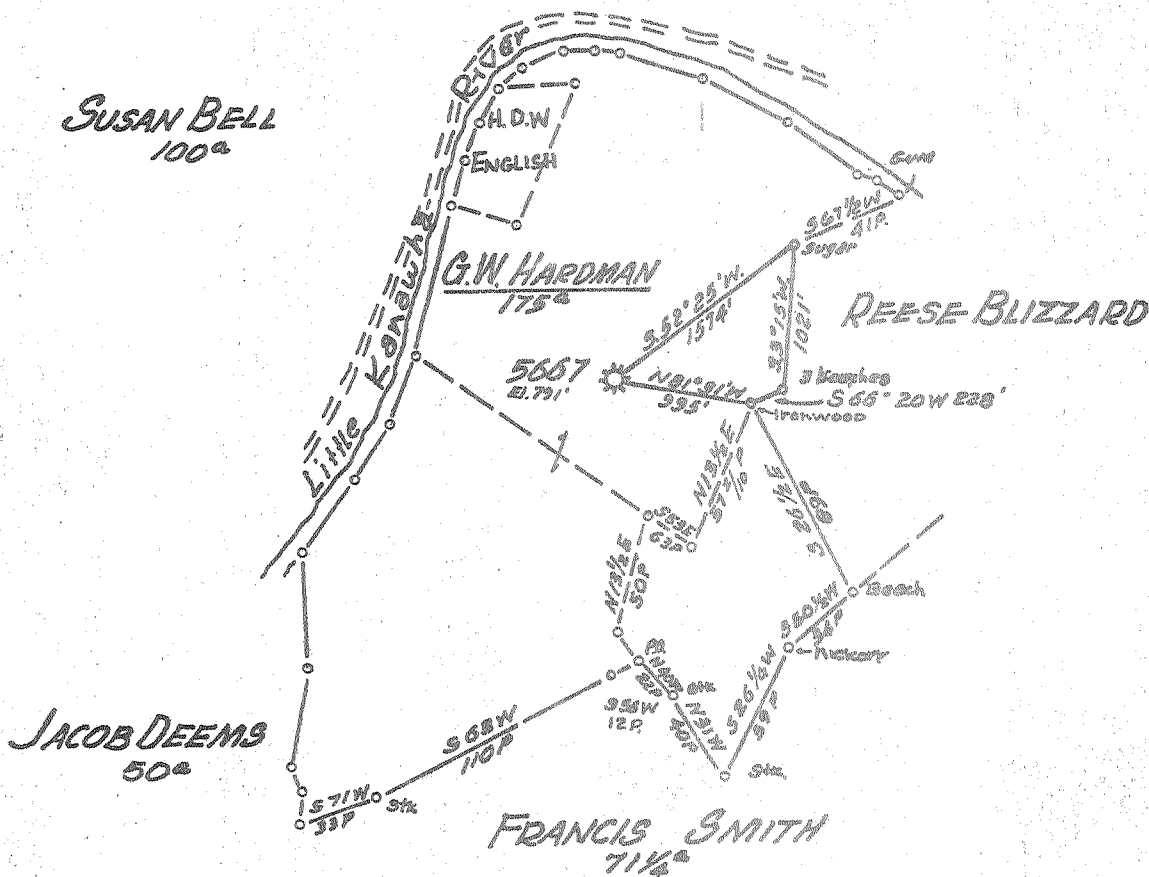
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP

FILE NO. Cal-442-3rd-Cancelled

Transferred to: Cal-404 (A)

+ 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.



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

WELL LOCATION MAP *Mac*
 FILE NO. Cal-42-Fran, Inc
42 F now 404A

+ 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

RECEIVED

MAR 24 1972

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 March 22, 1972

Surface Owner Lewis Smith
Address Grantsville, W. Va.

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.

Mineral Owner Same
Address _____

Farm G. W. Hardman Acres 175

Coal Owner No coal
Address _____

Location (waters) Little Kanawha River

Coal Operator No operations
Address _____

Well No. 5667 Elevation 791'

District Center, County Calhoun

Quadrangle ARNOLDSBURG

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 fracturing. This permit shall expire if
operations have not commenced by 7-24-72.

Deputy Director
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Harry Holliday
Grantsville, W. Va. PH: 354-6145

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 4-5-10 19 by G. W. Hardman made to Hope Natural Gas Company and recorded on the 7th day of May 1910, in Calhoun County, Book 49 Page 196

 NEW WELL DRILL DEEPER REDRILL XX 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,
(Sign Name) Ed Payne Mgr. 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

CAL-42-FRAC. PERMIT NUMBER
Now 404-A

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

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN XX FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME B. & S. Drilling NAME R. E. Bayne
 ADDRESS Brohard, W. Va. ADDRESS Bridgeport, W. Va.
 TELEPHONE _____ TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: _____ ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: _____
 TYPE OF WELL: OIL XX GAS _____ 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 - 16			
13 - 10			
9 - 5/8			
8 - 5/8 <u>Already in well</u>	<u>911</u>	<u>911</u>	<u>No cementing</u>
7	<u>1640</u>	<u>1640</u>	<u>No cementing</u>
5 1/2			
4 1/2	<u>1944</u>	<u>1944</u>	<u>100 bags</u>
3			<u>Perf. Top</u>
2			<u>Perf. Bottom</u>
Liners			<u>Perf. Top</u>
			<u>Perf. Bottom</u>

APPROXIMATE FRESH WATER DEPTHS None FEET SALT WATER 1520 FEET
 APPROXIMATE COAL DEPTHS None
 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

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

APR 27 1972

OIL & GAS
DEPARTMENT

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, 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.

<p><u>No Operations</u> COAL OPERATOR OR OWNER</p> <hr/> <p>ADDRESS</p> <hr/> <p><u>No Coal</u> COAL OPERATOR OR OWNER</p> <hr/> <p>ADDRESS</p> <hr/> <p><u>Lewis F. Smith</u> LEASE OR PROPERTY OWNER</p> <hr/> <p><u>Box 356, Grantsville, W. Va.</u> ADDRESS</p>	<p><u>Consolidated Gas Supply Corporation</u> NAME OF WELL OPERATOR</p> <hr/> <p><u>Clarksburg, W. Va.</u> COMPLETE ADDRESS</p> <hr/> <p><u>April 12, 1972</u> 19 WELL AND LOCATION</p> <hr/> <p><u>Center.</u> District</p> <hr/> <p><u>Calhoun,</u> County</p> <hr/> <p>Well No. <u>5667</u></p> <hr/> <p><u>G. W. Hardman</u> Farm</p>
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STATE INSPECTOR SUPERVISING PLUGGING Harry Holliday

AFFIDAVIT

STATE OF WEST VIRGINIA, }
County of Harrison } SS:

Toney Snider and Nobel G. Busch 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 Cons. Gas Supply Corp., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 6 day of April, 1972, and that the well was plugged and filled in the following manner:

BAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
	<u>Aquajel 1944-1855</u>			
	<u>Cement 1855-1825</u>		<u>0</u>	<u>911</u>
	<u>Aquajel 1825-1668</u>			
	<u>Cement 1668-1640</u>		<u>7"</u>	
	<u>Aquajel 1640-1194</u>		<u>1217</u>	<u>477</u>
	<u>Cement 1104-1054</u>			
	<u>Aquajel 1054-920</u>			
	<u>Cement 920-900</u>			
	<u>Aquajel 900-220</u>			
	<u>Cement 220-200</u>			
	<u>Aquajel 200-50</u>			
	<u>Cement 50-surface</u>			
COAL SEAMS		DESCRIPTION OF MONUMENT		
(NAME)	<u>No coal</u>	<u>13' of 7" casing cemented</u>		
(NAME)				
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 7 day of April, 1972.

And further deponents saith not.

Sworn to and subscribed before me this 10 day of April, 1972.

My commission expires:

N. D. Busch
Toney M. Snider
Notary Public

Notary Public.

Permit No. CAL-1101-A HOLL 1972
Now 404-A
MAY 5 1972