

Maximum Error of Closure 1' IN 200'

Source of Material B.M. = C.G.S.C. WELL NO. 10939 EL-978'

I, the undersigned, herein certify that this map is a true and correct copy of the original and shows all the information required by law to be shown on the map and calculations of the oil and gas section of the State of West Virginia.

New Location X
 Drill Deeper
 Abandonment X 5/3/77

MAP SHEET 54 S10W2 F.B.1822 PG.22-23

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W.V.
 Farm J.L.FREEMAN (HATTY FREEMAN)
 Tract Acres 143 Lease No. 18074
 Well (Farm) No. Serial No. 12277
 Elevation (Spirit Level) 986' SC
 Quadrangle SMITHBURG 7 1/2, CENTERPOINT 15'
 County DODDRIDGE East of GRANT
 Engineer Darrell M. Radcliffe
 Engineer's Registration No. LLS-74
 File No. Drawing No.
 Map 2-15-77 Scale 1" = 500'

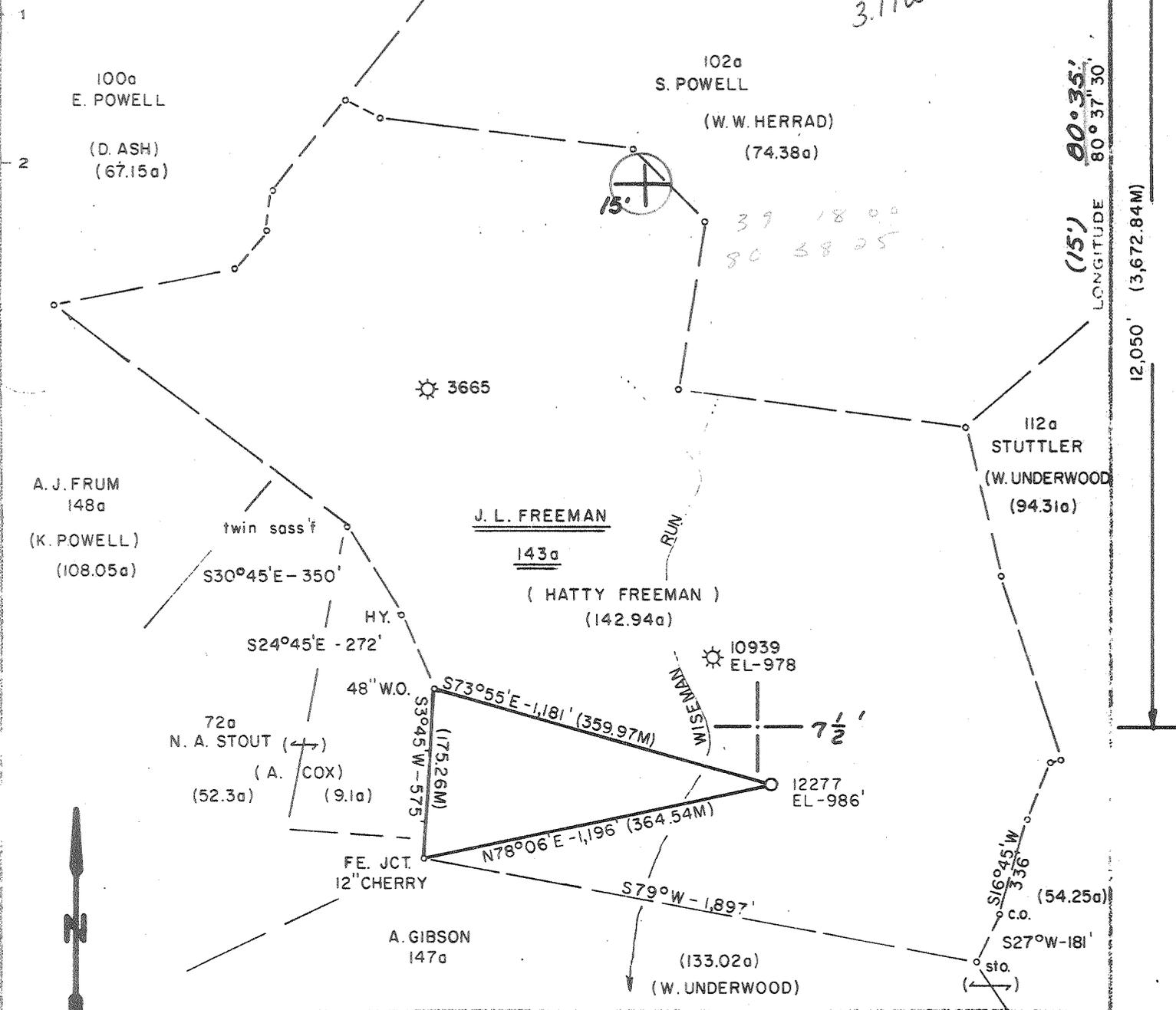
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. DODD-1849-P

Denotes location of material plotted on
 Topographic Map, Scale 24,000 latitude
 and longitude lines being represented by border
 lines as shown.

-- Denotes one inch space on border line of
 original tracing 47-017 MAY 18 1977

2.30S
3.11W



Minimum Error of Closure 1' IN 200'
 Source of Elevation B.M. = C.G.S.C. WELL NO. 10939 EL-978'

"The undersigned, hereby certifies that this map is a true and correct representation of the field work done and labeled and shows all the information necessary for a description of the poles and locations of the oil and gas in this tract in the County of Doddridge, West Virginia."

New Location X
 Drill Deeper
 Abandonment

MAP SHEET 54 SIOW2 FB 1822 PG 22-23

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W.V.
 Farm J.L. FREEMAN (HATTY FREEMAN)
 Tract Acres 143 Lease No. 18074
 Well (Farm) No. Serial No. 12277
 Elevation (Spirit Level) 986'
 Quadrangle SMITHBURG 7 1/2, CENTERPOINT 15
 County DODDRIDGE District GRANT
 Engineer Darrell M. Radcliffe
 Engineer's Registration No. L.L.S.-74
 File No. Drawing No.
 Date 2-15-77 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. DODD-1849

Denotes location of well on United States Topographic Maps, scale 1" = 24,000' latitude and longitude lines being represented by border lines as shown.

Denotes one inch spaces on border line of original tracing.

47-017 MAR 25 1977



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

RECEIVED
MAY 5 1977

WELL RECORD

Quadrangle CENTERPOINT

Permit No. DODD-1849

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

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Firm J. L. Freeman Acres 143
Location (waters) Wiseman Run
Well No. 12277 Elev. 986'
District Grant County Doddridge
The surface of tract is owned in fee by
Hattie Freeman
Address Rt. #1, Box 475, Clarksburg, WV
Mineral rights are owned by Savannah Johnson
Address Jackson, Michigan
Drilling Commenced 4-22-77
Drilling Completed 5-2-77
Initial open flow No test cu. ft. _____ bbls.
Final production Dry cu. ft. per day _____ bbls.
Well open - - - hrs. before test _____ RP.
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size <u>16"</u> Cond. <u>11"</u>	20'	20'	To surface
<u>9 5/8"</u>	150'	150'	To surface
<u>8 5/8"</u>	2050'	2050'	To surface
<u>7"</u>			
<u>5 1/2"</u>			
<u>4 1/2"</u>			
<u>3"</u>			
<u>2"</u>			
Liners Used			

Not treated

Attach copy of cementing record.

Coal was encountered at 545' 10' Feet 36" 24" Inches
Fresh water None Feet _____ Salt Water Damp 270' Feet _____
Producing Sand Dry in all formations Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	10		
Coal			10	12		
Sand & Shale			12	545	Water	Damp @ 270'
Coal			545	548		
Sand & Shale			548	1805		
Little Lime			1805	1855		
Big Lime			1855	1890		
Sand & Shale			1890	2440		
50' Sand			2440	2510		
4th Sand			2720	2770		
Sand & Shale			2770	3610		
Speechley			3610	3640		
Balltown			3760	3890		
Riley			4660	4870		
Benson			4940	4950		No gas in any formation
Total Depth				5043'		

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

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

MAR 8 1977

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE February 23, 1977

Surface Owner Hattie Freeman
Address Route #1, Box 175, Clarksburg, WV
Mineral Owner Savannah Johnson
Address 1015 Blackstone, Jackson Michigan
Coal Owner Flint Creek Fuel Co.
Address 15 Shady Lane, Uniontown, Pa.
Coal Operator None
Address _____

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm J. L. Freeman Acres 1.13
Location (waters) Wiseman Run
Well No. 12277 Elevation 9861
District Grant County Doddridge
Quadrangle CENTERPOINT

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 7-7-77

INSPECTOR

TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech Street, Clarksburg, W. Va.

PHONE 622-3871

[Signature]
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 9-15-09 1909 by J. L. Freeman made to Consolidated Gas Supply and recorded on the 2nd day of January 1909, in Doddridge County, Book 28 Page 122

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 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 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 at their above shown respective address same day _____ before, or on the _____ 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. Payne, Jr. Manager of Prod.
Well Operator

PLEASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO:

VIRGINIA GEOLOGICAL AND MINING SURVEY
BOX 879
UNIONTOWN, WEST VIRGINIA 26505
204 - 292-6331

Address of Well Operator
Consolidated Gas Supply Corporation
Street
1415 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 the plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the location of the well and the name of the coal operators or found thereto by the department and that the same is approved



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

MAR 3 1977

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE February 23, 1977

Surface Owner Hattie Freeman

Company Consolidated Gas Supply Corporation

Address Route #1, Box 175, Clarksburg, WV

Address Clarksburg, W. Va.

Mineral Owner Savannah Johnson

Farm J. L. Freeman Acres 1.83

Address 1015 Blackstone, Jackson Michigan

Location (waters) Wiseman Run

Coal Owner Flint Creek Fuel Co.

Well No. 12277 Elevation 2861

Address 15 Shady Lane, Uniontown, Pa.

District Grant County Doddridge

Coal Operator None

Quadrangle CENTERPOINT

Address _____

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 7-7-77.

INSPECTOR

TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech Street, Clarksburg, W. Va.

PHONE 622-3871

[Signature]
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 9-15-09 1909 by J. L. Freeman made to Consolidated Gas Supply and recorded on the 2nd day of January 1909, in Doddridge County, Book 28 Page 422

XXXX 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.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address of Well Operator

Very truly yours,

(Sign Name) R. E. Bayne Manager of Prod. Well Operator

Consolidated Gas Supply Corporation
Street
115 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.

Dodd-1849 PERMIT NUMBER
47-017

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by [Signature]
BLANKET BOARD

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

PROPOSED WORK ORDER TO XXXX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME J. W. Jack Drilling Co. NAME R. E. Bayne
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.
 TELEPHONE _____ TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 5150' 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.
16" 16"	20'	20'	To Surface
11" 11"	150'	150'	To Surface
9 - 5/8			
8 - 5/8	2050'	2050'	To Surface
7			
5 1/2			
4 1/2	5150'	5150'	125 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 95' FEET _____ SALT WATER None FEET _____
 APPROXIMATE COAL DEPTHS 787 _____, 60" _____
 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