

Minimum Error of Closure 1' in 200'

Source of Elevation B.M. C.G.S.C. Well #12117 EI-1066'

"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."

REVISED LOCATION   
 New Location   
 Drill Deeper   
 Abandonment

Map Sheet 59 S 14 E 1 F.B. 1883 Pg. 21 - 23  
 F.B. 1826 Pg. 37 - 40 F.B. 1828 Pg. 2 - 3

Company Consolidated Gas Supply Corporation  
 Address Clarksburg, W. Va.  
 Farm M.T. Williams (A.M. Gum Jr., et al., Surf.)  
 Tract Acres 350 Lease No. 3636  
 Well (Farm) No. \_\_\_\_\_ Serial No. 12307  
 Elevation (Spirit Level) 1103' CENTERPOINT 15-SC  
 Quadrangle Salem W. Va. 7 1/2' - 1961  
 County Doddridge District Greenbrier  
 Engineer [Signature]  
 Engineer's Registration No. 5989  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Rev'd 7-25-77  
 Date 2-2-77 Scale 1" = 1000'

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

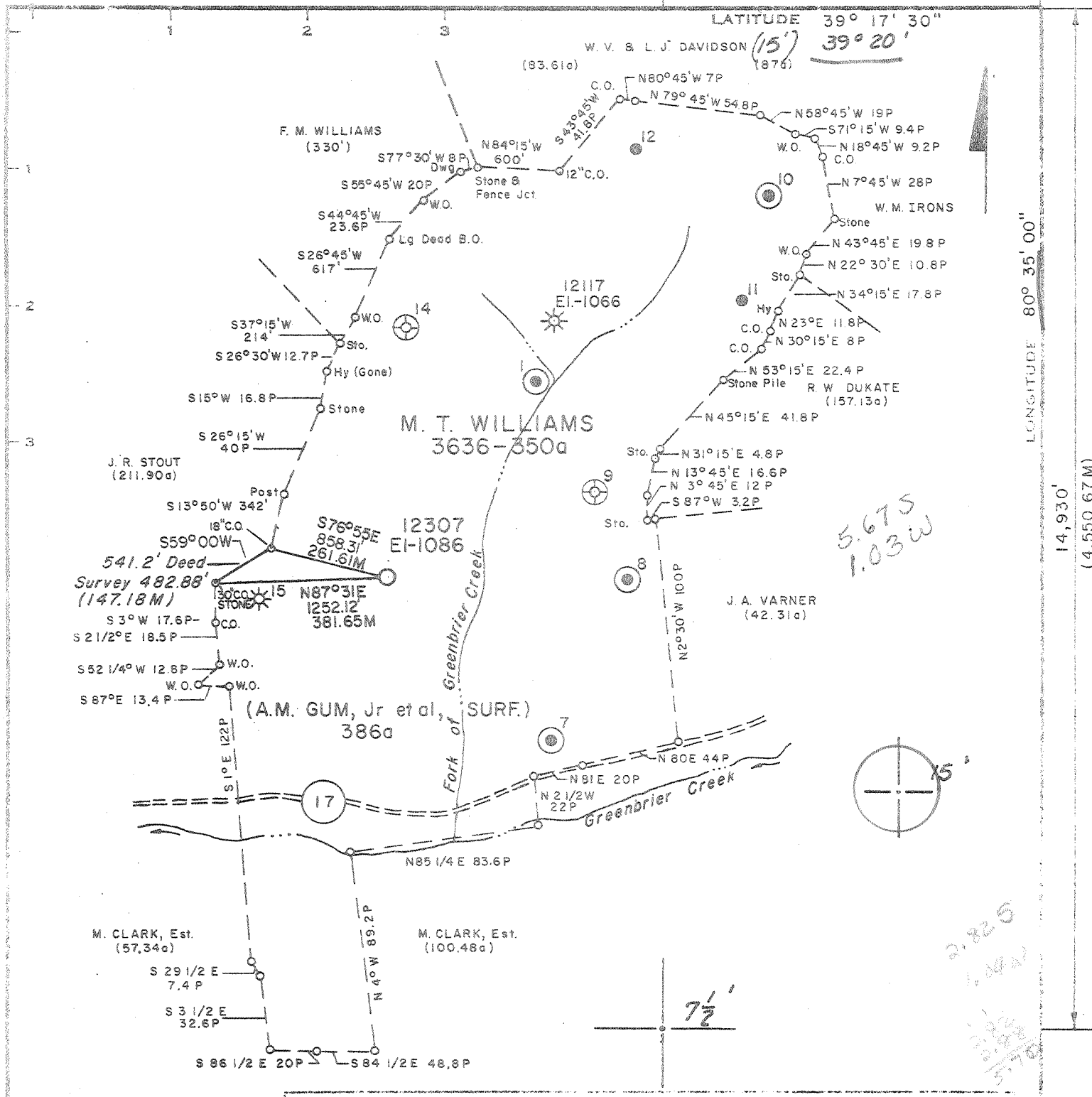
**WELL LOCATION MAP**  
 FILE NO. DODD-1867-REV

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000 latitude and longitude lines being represented by border lines as shown.  
 OCT 7 1977  
 - Denotes one inch spaces on border line of original tracing.  
 47-017

5,440'  
(1,658.11 M)

LATITUDE 39° 17' 30"

(15') 39° 20'



LONGITUDE 80° 35' 00"

14,930'

(4,550.67 M)

5.675  
1.03 W

2.825  
1.04 W  
1.04 W  
1.04 W

Minimum Error of Closure 1' in 200'  
Source of Elevation B.M. C.G.S.C. Well #12117, EI-1066'  
"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 59 S 14 E 1 F.B. 1826 Pg. 37-40 F.B. 1828 Pg. 2-3

Company Consolidated Gas Supply Corporation  
 Address Clarksburg, W. Va.  
 Farm M. T. Williams (A. M. Gum Jr., et al., Surf.)  
 Tract \_\_\_\_\_ Acres 350 Lease No. 3636  
 Well (Farm) No. \_\_\_\_\_ Serial No. 12307  
 Elevation (Spirit Level) 1086', CENTERPOINT 15'  
 Quadrangle Salem W. Va. 7 1/2' - 1961 SC  
 County Doddridge District Greenbrier  
 Engineer \_\_\_\_\_  
 Engineer's Registration No. 5989  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 2-2-77 Scale 1" = 1000'

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

WELL LOCATION MAP  
FILE NO. DOD-1867

Denotes 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. 47-017 AUG 5 1977

7357



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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MAR - 6 1978

OIL & GAS DIVISION  
DEPT. OF MINES

WELL RECORD

Quadrangle CENTERPOINT  
Permit No. DOD-1867

Rotary XX Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas XX  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Company Consolidated Gas Supply Corporation  
Address Clarksburg, W. Va.  
Farm M. T. Williams Acres 350  
Location (waters) Greenbrier Fork  
Well No. 12307 Elev. 1103'  
District Greenbrier County Doddridge  
The surface of tract is owned in fee by \_\_\_\_\_  
A. M. Gum  
Address Rt. #1, Salem, W. Va.  
Mineral rights are owned by Bank of West Union  
Address West Union, W. Va.  
Drilling Commenced 10-1-77  
Drilling Completed 10-7-77  
Initial open flow 133 M cu. ft. \_\_\_\_\_ bbls.  
Final production 111 M cu. ft. per day \_\_\_\_\_ bbls.  
Well open 2 hrs. before test 1666# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. <del>13 1/8</del> 11"	30'	30'	To surface
9 5/8			
8 5/8	901'	901'	To surface
7			
5 1/2			
4 1/2	5233'	5233'	120 bags
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Well treated with 50,000# sand, 750 bbl water and 500 gal 15% acid  
Perforations: 5119-5124' with 15 holes

Coal was encountered at 265' Feet 60" Inches  
Fresh water 90' Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_  
Producing Sand Benson Depth 5119-24'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	265	Water	90' Fresh
Coal			265	270		
Sand & Shale			270	2110		
Little Lime			- 2110	2125		
Big Lime			- 2125	2210		
Big Injun			2210	2305		
Gantz Sand			- 2628	2633		
50' Sand			2745	2754		
Gordon & Stray			2822	3004		
5th Sand			3180	3196		
Warren			3487	3505		
Speechley			3672	3871		
Balltown			3971	4130		
Bradford			4570	4646		
Benson			- 5119	5126	Gas	5119-24' 133 M
Total Depth				5286'		

KBM 10' above G.L.

Consolidated Gas Supply Corporation  
145 West Main Street  
Clarksburg, W. Va. 3-2-78

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division

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OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE July 5, 1977  
Company Consolidated Gas Supply Corporation  
Address Clarksburg, W. Va.  
Farm M. T. Williams Acres 350  
Location (waters) Greenbrier Fork  
Well No. 12307 Elevation 1086'  
District Greenbrier County Doddridge  
Quadrangle CENTERPOINT

Surface Owner A. M. Gum, Jr.  
Address Route #1, Salem, W. Va.  
Mineral Owner Bank of West Union  
Address West Union, W. Va.  
Coal Owner Mountaineer Coal Company  
Address Box 1632, Fairmont, WV  
Coal Operator No Operations  
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 11-18-77.

INSPECTOR  
TO BE NOTIFIED Paul Garrett  
ADDRESS 321 Beech Street, Clarksburg, W. Va.  
PHONE 622-3871

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 2-19-00 19   by M.T. Williams made to South Penn Oil Co. and recorded on the 20th day of Sept. 19  00, in Doddridge County, Book 15 Page 416

XXX 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) H. O. Payne Manager of Prod.  
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

DODD-1867 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 8, Section 12.b and will carry out the specified requirements."

47-017

Signed by H. O. Payne

THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON 06-10-UPON COMPLETION

PROPOSED WORK ORDER TO XX DRILL        DEEPEN        FRACTURE-STIMULATE  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME Sam Jack Drilling Co. NAME R. F. Bayne  
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.  
 TELEPHONE        TELEPHONE 623-3611  
 ESTIMATED DEPTH OF COMPLETED WELL: 5275' ROTARY XX 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.
20 - 16			
<del>20 - 16</del> 11"	20'	20'	To surface
9 - 5/8			
8 - 5/8	900'	900'	To surface
7			
5 1/2			
4 1/2	5275'	5275'	125 Bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 85' FEET SALT WATER None FEET  
 APPROXIMATE COAL DEPTHS 265' 820'  
 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