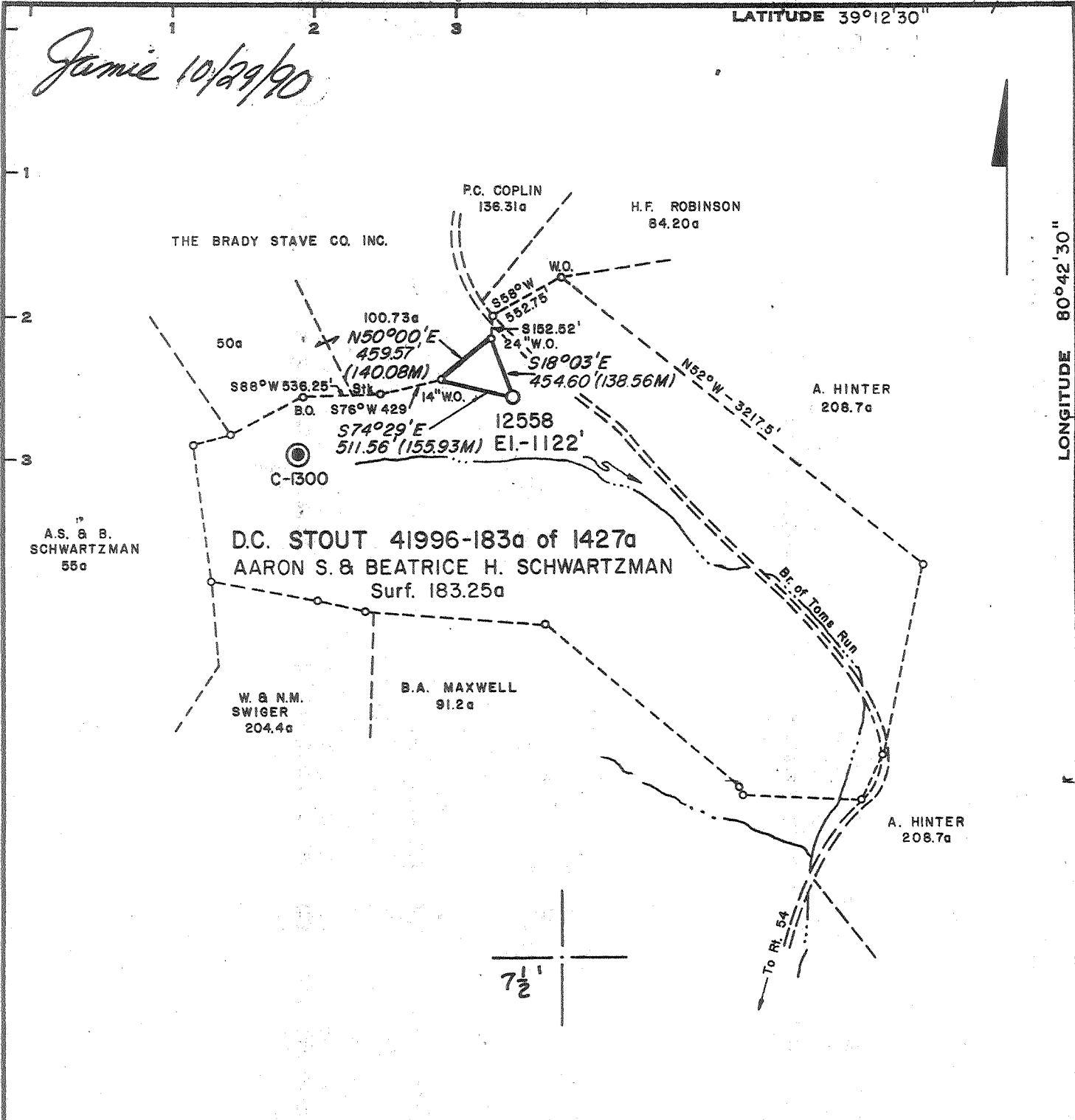


7200'  
(2194.59M)  
LATITUDE 39°12'30"

*Jamie 10/29/90*



Minimum Error of Closure 1" in 200'  
 Source of Elevation B.M. Intersection Rt. 18 and Farm Road  
S.W. Corner of New Milton, W.Va. - 1976 U.S.G.S. Map - Elev. 929'  
 "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

*- 10/30/90*  
 Map Sheet 68 S19-WB

F.B. 1936 Page 29-32  
 F.B. 1932 Page 19-25, 29-33 & 37-40

Company CUG TRANSMISSION  
 Address Box 2450, Clarkburg, W.V. 26302  
 Farm D.C. STOUT (A.S. & B.H. Schwartzman, Surf.)  
 Tract Acres 183 of 1427 Lease No. 41996  
 Well (Farm) No. \_\_\_\_\_ Serial No. 12558  
 Elevation (Spirit Level) 1122'  
 Quadrangle New Milton, W.Va. 7 1/2 - 1976  
 County Doddridge District New Milton  
 Engineer Michael S. Bennett  
 Engineer's Registration No. 5525  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 10-3-78 Scale 1"=1000'

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

**WELL LOCATION MAP**  
 FILE NO. DODD-2296 - P  
Cancelled

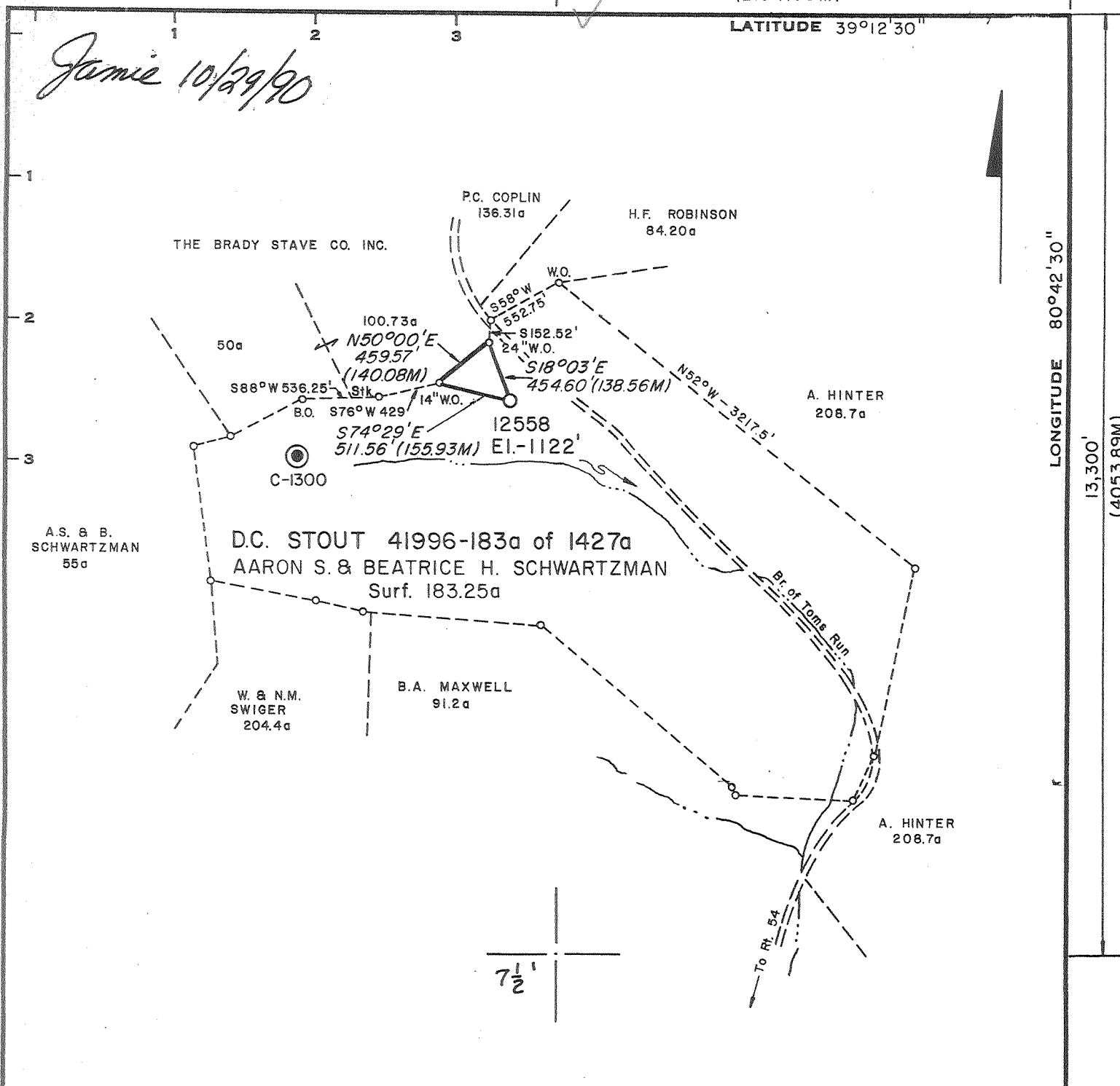
+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.  
 - Denotes one inch spaces on border line of original tracing.

47-017

LONGITUDE 80°42'30"  
 13,300'  
 (4053.89M)

Dodd 2296-P

*Jamie 10/29/90*



Minimum Error of Closure 1" in 200'  
 Source of Elevation B.M. Intersection Rt. 18 and Farm Road  
S.W. Corner of New Milton, W.Va. - 1976 U.S.G.S. Map - Elev. 929'  
 "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

*- 10/30/90*  
 Map Sheet 68 S19-W8

F.B. 1936 Page 29-32  
 F.B. 1932 Page 19-25, 29-33 & 37-40

Company CUG TRANSMISSION  
 Address PO Box 2450, Clarksburg, W.V. 26302  
 Farm D.C. STOUT (A.S. & B.H. Schwartzman, Surf.)  
 Tract \_\_\_\_\_ Acres 183 of 1427 Lease No. 41996  
 Well (Farm) No. \_\_\_\_\_ Serial No. 12558  
 Elevation (Spirit Level) 1122'  
 Quadrangle New Milton, W.Va. 7 1/2 - 1976  
 County Doddridge District New Milton  
 Engineer Michael S. James  
 Engineer's Registration No. 5525  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 10-3-78 Scale 1"=1000'

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

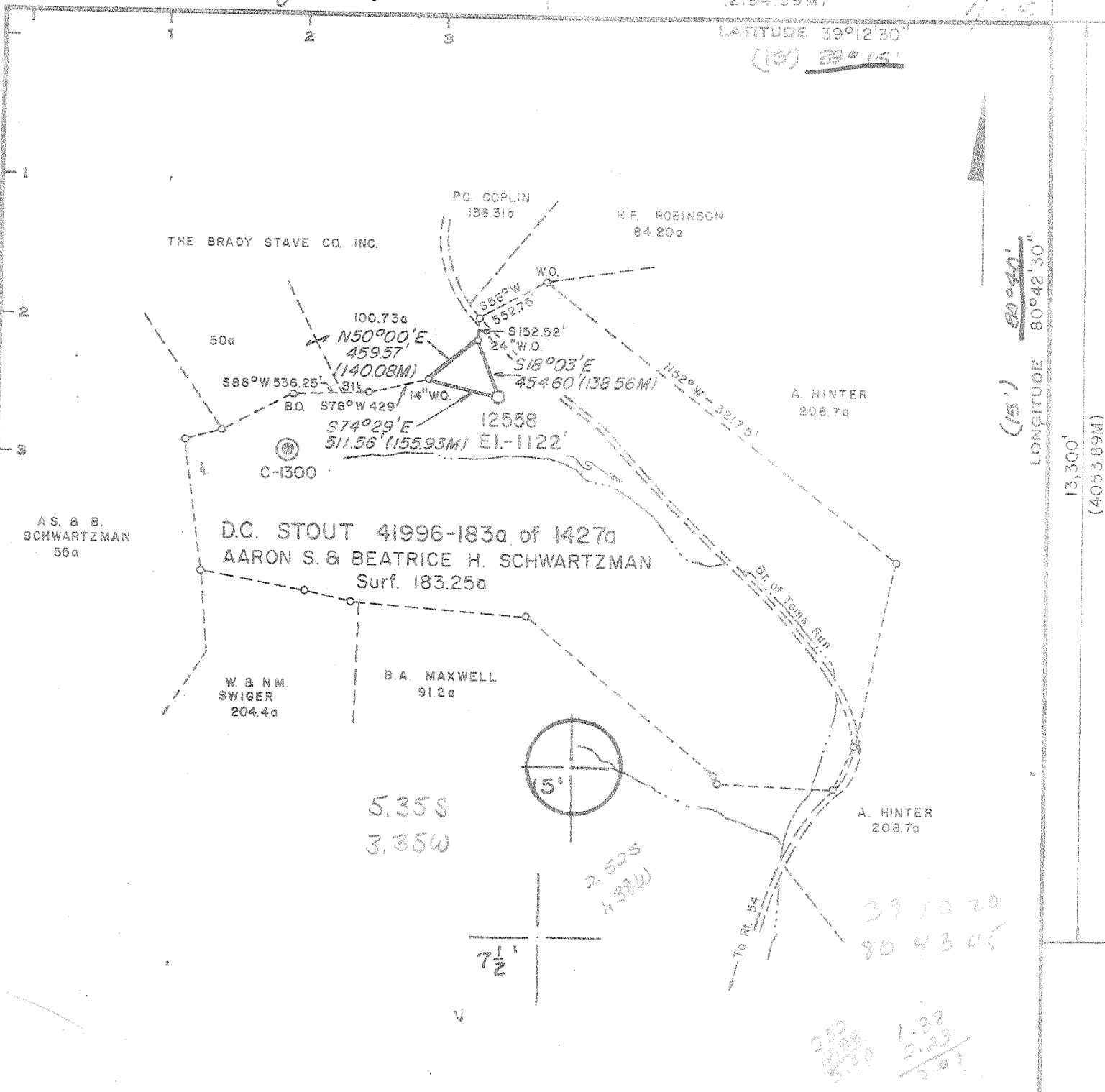
**WELL LOCATION MAP**  
 FILE NO. DODD-2296 - P

+ 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.  
 NOV 5 1990  
 - Denotes one inch spaces on border line of original tracing.

**47-017**

*5650' New Milton*

**7783**



Minimum Error of Closure 1" in 200'

Source of Elevation B.M. Intersection Rt. 18 and Farm Road

S.W. Corner of New Milton, W.Va. - 1976 U.S.G.S. Map - Elev 929'

"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 68 S19-W8

F.B. 1936 Page 29-32  
F.B. 1932 Page 19-25, 29-33 & 37-40

Company Consolidated Gas Supply Corporation  
 Address Clarksburg, W. Va.  
 Farm DC. STOUT (AS. & B.H. Schwartzman, Surf.)  
 Tract Acres 183 of 1427 Lease No. 41996  
 Well (Farm) No. \_\_\_\_\_ Serial No. 12558  
 Elevation (Spirit Level) 1122' NW  
 Quadrangle New Milton, W. Va. 7 1/2 - 1976 VADIS 15  
 County Doddridge District New Milton  
 Engineer Michael S. Farnell  
 Engineer's Registration No. 5525  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 10-3-78 Scale 1"=1000'

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

WELL LOCATION MAP  
FILE NO. DODD-2296

+ 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 OCT 30 1978



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

MAY - 2 1979

Oil and Gas Division  
WELL RECORD

OIL & GAS DIVISION

DEPT. OF MINES  
47-017-2296

Quadrangle New Milton

Permit No. DODD-2296  
47-017

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

Company	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
<u>Consolidated Gas Supply Corp.</u>	Size			
<u>445 W. Main St., Clarksburg, WV</u>	20-16			
<u>Farm D. C. Stout Acres 183/1/27</u>	Cond.	<u>21.8'</u>	<u>21.8'</u>	<u>To surface</u>
<u>Location (waters) Br. of Toms Fork</u>	13-10"			
<u>Well No. 12558 Elev. 1122'</u>	9 5/8			
<u>District New Milton County Doddridge</u>	8 5/8	<u>1957'</u>	<u>1957'</u>	<u>To surface</u>
<u>The surface of tract is owned in fee by Dr. A. S. Schwartzman</u>	7			
<u>Address 2007 Nichol Ave. SE, Washington, DC</u>	5 1/2			
<u>Mineral rights are owned by Jean S. May, Agt.</u>	4 1/2	<u>5585'</u>	<u>5585'</u>	<u>200 Sks.</u>
<u>Address 19842 W. Ave. of the Oaks, New Hall, Calif.</u>	3			
<u>Drilling Commenced November 27, 1978</u>	2			
<u>Drilling Completed December 5, 1978</u>	Liners Used			
<u>Initial open flow 21M cu. ft. _____ bbls.</u>				
<u>Final production 133M cu. ft. per day _____ bbls.</u>				
<u>Well open 2 hrs. before test _____ RP.</u>				

Well treatment details:

Attach copy of cementing record.

Well fractured in Benson & Cedar Creek with 60,000# sand. 800 bbls. of water & 750 gals. 15% Hcl. Perforations: 5062-5064 with 1 hole; 5360-5364 with 8 holes; 5381 with 1 hole and 5388 with 1 hole.

Coal was encountered at None Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 45', 605' & 700' Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_  
Producing Sand Benson & Cedar Creek Depth See perforations.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			0	70	Water	45' Damp
Red Rock			70	90		
Sand			90	140		
Red Rock			140	150		
Sand & Shale			150	270		
Shale & Red Rock			270	415	Water	605' Damp
Sand & Shale			415	900	Water	700' Wet
Red Rock			900	1030		
Sand & Shale			1030	1540		
2nd Salt			1540	1620		
Shale			1620	1640		
3rd Salt			1640	1665		
Shale & Sand			1665	2085		
Lime			2085	2210		
Injun			2210	2270		
Sand & Shale			2270	5065		
Benson			5065	5075		
Shale			5075	5115	Gas	5111' 32M
Leopold			5115	5200		
Shale			5200	5330	Gas	5191' 31M
Cedar Creek <u>Alex.</u>			5330	5420	Gas	5686' 21M
Sand & Shale			5420	5686	T. D.	
<u>KBM 10' above G. L.</u>						

(over)

\* Indicates Electric Log tops in the remarks section.

5686  
2936  
2750 Exp. Ft.

MAY 22 1979

47-017-257

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Gamma Ray Log Tops						
Little Lime			2072	2087		
Big Lime			2118	2155		
Big Injun			2155	2261		
Weir			2380	2484		
Gantz			2586	2594		
Gordon Stray			2776	2936		
Warren			3444	3465		
Upper Speechley			3654	3699		
Baltown			4082	4228		
Bradford			4564	4654		
Riley			4836	5002		
Benson			5060	5064		
Leopold			5180	5221		
Cedar Creek			5307	5415		

Consolidated Gas Supply Corp.  
 115 West Main Street  
 Clarksburg, West Virginia

Date May 1, 1979

APPROVED Consolidated Gas Supply Corp. Owner

B. E. [Signature] Manager of Prod.  
 (Name)



RECEIVED

OCT 11 1978

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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 October 10, 1978

Surface Owner Dr. A. S. Schwartzman  
Address 2007 Nichol Ave., SE, Washington, DC  
Mineral Owner Jean S. May, Agt.  
Address 1981/2 W. Ave. of the Oaks, New Hall, Calif.  
Coal Owner Unknown  
Address \_\_\_\_\_  
Coal Operator None  
Address \_\_\_\_\_

Company Consolidated Gas Supply Corp.  
Address 445 W. Main St., Clarksburg, WV.  
Farm D. C. Stout Acres 183 of 1427  
Location (waters) Br. of Toms Fork  
Well No. 12558 Elevation 1122'  
District New Milton County Doddridge  
Quadrangle New Milton

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 2-11-79.

INSPECTOR

TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech Street, Clarksburg, WV

PHONE 622-3871

Robert J. Todd  
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 March 22, 1898 19\_\_ by S. W. Stout made to Hope Natural Gas Co. and recorded on the 23rd day of November 1898 in Doddridge County, Book 14 Page 135

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 \_\_\_\_\_ 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

Very truly yours,

(Sign Name) J. E. Layne Manager of Prod.

Well Operator

Consolidated Gas Supply Corp.  
Street

Address of Well Operator

445 West Main Street  
City or Town

Clarksburg, West Virginia  
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-2296

PERMIT NUMBER

47-017

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

PROPOSED WORK ORDER TO  DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME S. W. Jack Drilling Co. NAME R. E. Bayne  
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, WV  
 TELEPHONE \_\_\_\_\_ TELEPHONE 623-3611  
 ESTIMATED DEPTH OF COMPLETED WELL: 5650' ROTARY  CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Benson  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS  COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT LIFT UP OR SACKS - CUBIC FT.
<del>14-14</del> 16"	20'	20'	To surface
<del>14-14</del> 11 3/4"	250'	250'	To surface
9 - 5/8			
8 - 5/8	1950'	1950'	To surface
7			
5 1/2			
4 1/2	5650'	5650'	150 Sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 95 FEET SALT WATER None FEET  
 APPROXIMATE COAL DEPTHS Unknown  
 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