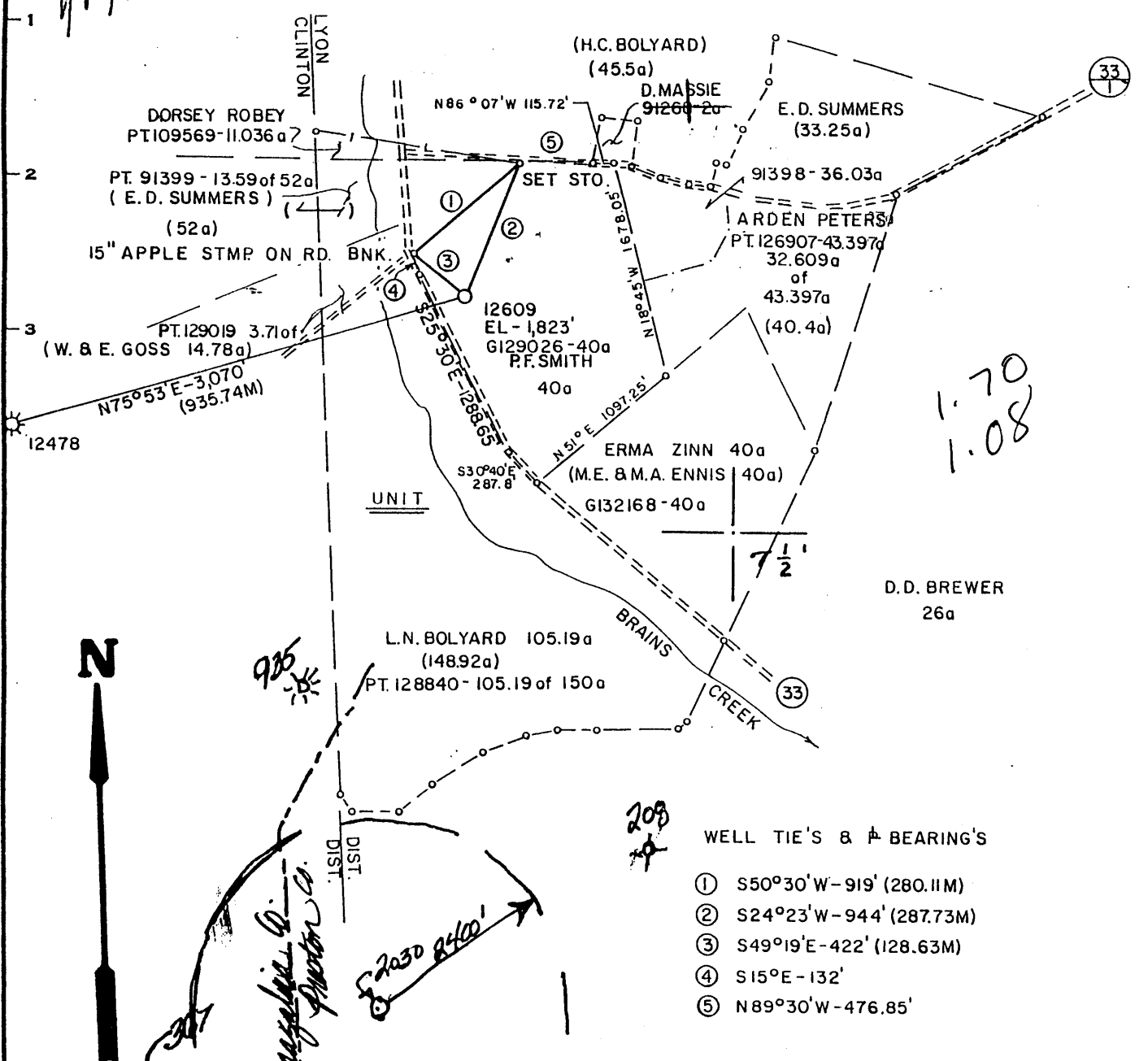


5,650' (1,722.12M)

LATITUDE 39° 30'

LONGITUDE 80° 56' 30"

*Janice 10/95*



*1.70  
1.08*



*208*

WELL TIE'S & BEARING'S

- ① S50°30'W-919' (280.11M)
- ② S24°23'W-944' (287.73M)
- ③ S49°19'E-422' (128.63M)
- ④ S15°E-132'
- ⑤ N89°30'W-476.85'

Minimum Error of Closure 1' IN 200'  
 Source of Elevation B.M. = ROAD FORK ELEV. 1789' GLADESVILLE 7 1/2' TOPO

"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 1032 6-B F.B. 1947 PG. 33-34

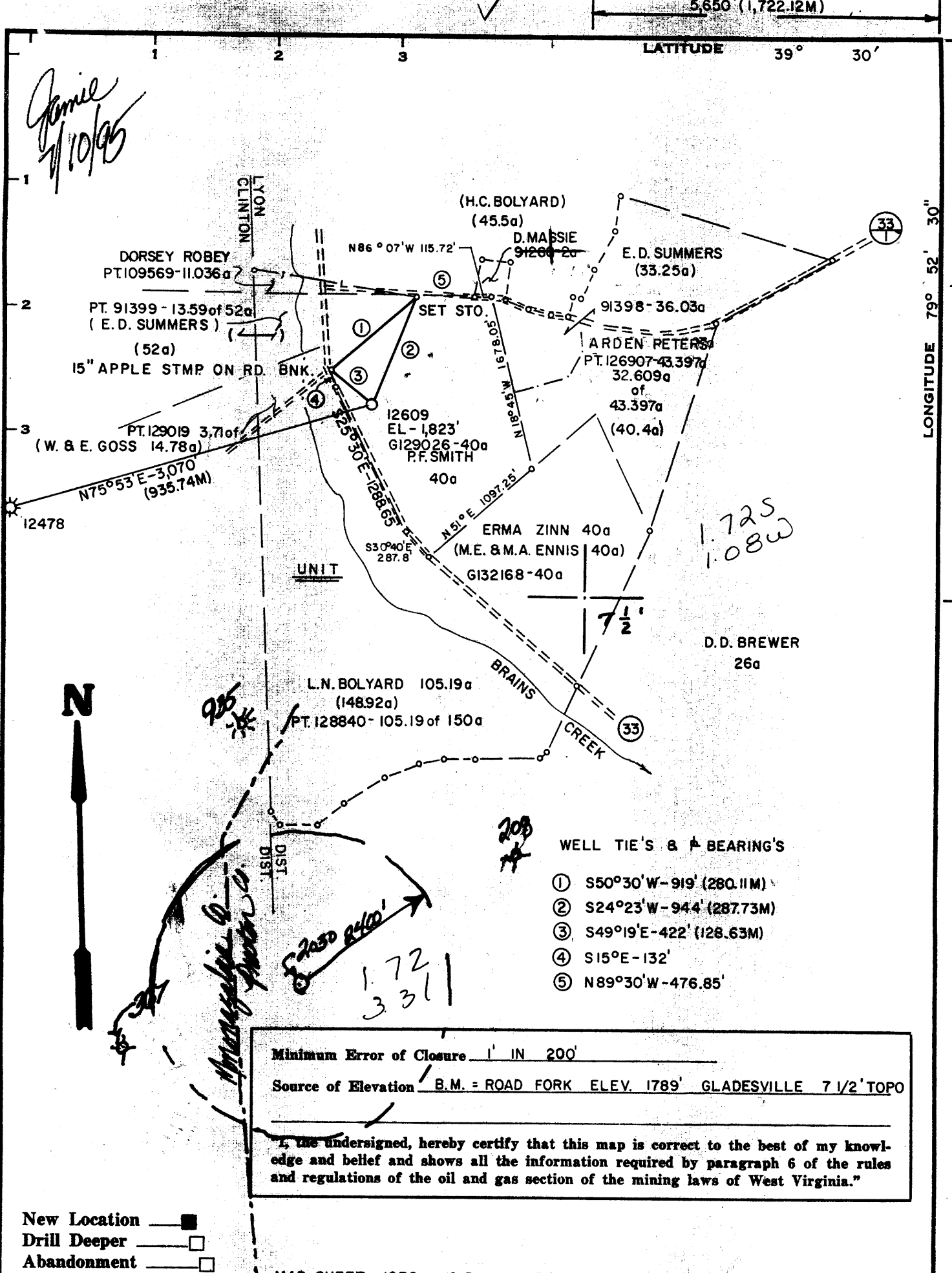
Company Alanco, Inc.  
 Address 200 W. Main St. Clarksburg, WVa. 26301  
 Farm Surface: Eugene Diaz, Jr. # 2030  
 Tract \_\_\_\_\_ Acres 40 Lease No. G-129026  
 Well (Farm) No. \_\_\_\_\_ Serial No. 12609  
 Elevation (Spirit Level) 1823'  
 Quadrangle GLADESVILLE 7 1/2'  
 County PRESTON District LYON  
 Engineer Danell M Radcliffe  
 Engineer's Registration No. L.L.S. # 74  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date JUNE 4, 1979 Scale 1" = 1,000'

STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 Office of Oil & Gas  
*Mitchell*

WELL LOCATION MAP

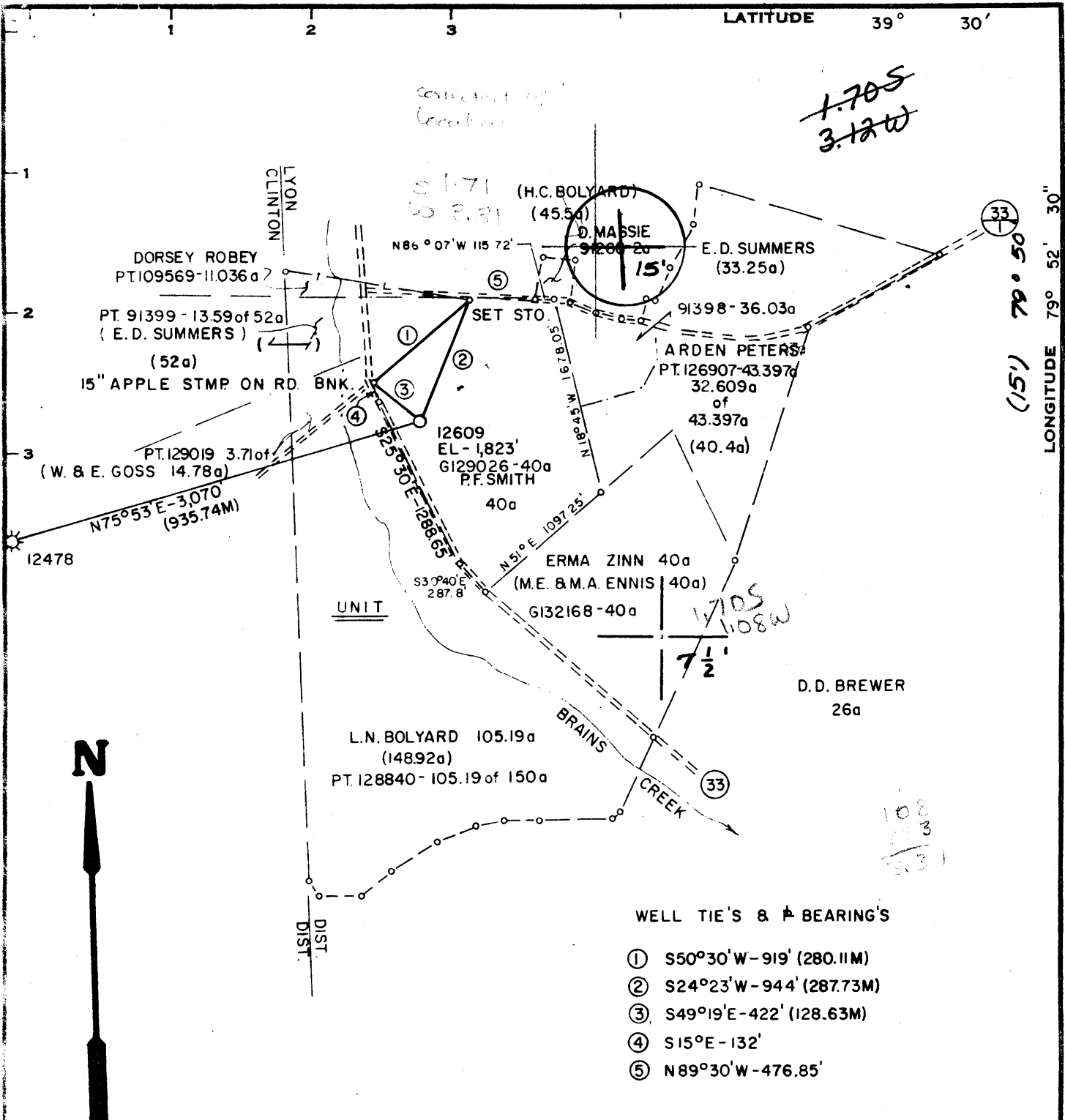
*Cancelled Plug*  
 + Denotes location of well on United States Topographic Maps, scale 1 to 24,000 latitude and longitude lines being represented by border lines as shown.  
 — Denotes one inch spaces on border line of original tracing.

PRE 0200-F-P CANCEL



**Company** Alamco, Inc. 010  
**Address** 200 W. Main St. Clarksburg, WVa. 26301  
**Farm** Surface: Eugene Diaz, Jr. # 2030  
**Tract** \_\_\_\_\_ **Acres** 40 **Lease No.** G-129026  
**Well (Farm) No.** \_\_\_\_\_ **Serial No.** 12609  
**Elevation (Spirit Level)** 1823'  
**Quadrangle** GLADESVILLE 7 1/2' Johnston NC  
**County** PRESTON **District** LYON  
**Engineer** Danell M Radcliffe  
**Engineer's Registration No.** L.L.S. # 74  
**File No.** \_\_\_\_\_ **Drawing No.** \_\_\_\_\_  
**Date** JUNE 4, 1979 **Scale** 1" = 1,000'

**STATE OF WEST VIRGINIA**  
*Division of Environmental Protection*  
*Office of Oil & Gas*  
*Mitchell, W.*  
**WELL LOCATION MAP**  
*Well No. 77-077-00200-17*  
 + 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.  
 JUL 10 1995  
 — Denotes one inch spaces on border line of original tracing.



Minimum Error of Closure 1' IN 200'

Source of Elevation B.M. = ROAD FORK ELEV. 1789' GLADESVILLE 7 1/2' TOPO

"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 1032 6-B F.B 1947 PG. 33-34

Company CONSOLIDATED GAS SUPPLY CORP.  
 Address CLARKSBURG, W.V.  
 Farm PAULINE F SMITH (SURF. & MIN.)  
 Tract Acres 40 Lease No. G-129026  
 Well (Farm) No. Serial No. 12609  
 Elevation (Spirit Level) 1823'  
 Quadrangle GLADESVILLE 7 1/2', THORNTON 15  
 County PRESTON District LYON  
 Engineer Vanell M Radcliffe  
 Engineer's Registration No. LL.S. #74  
 File No. Drawing No.  
 Date JUNE 4, 1979 Scale 1" = 1,000'

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

**WELL LOCATION MAP**  
 FILE NO. **47-077-0200**

+ 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.

JUN 26 1979

OCT 27 1995

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Permitting  
Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: DIAZ, EUGENE JR.

Operator Well No.: 2030

LOCATION: Elevation: 1,823.00 Quadrangle: GLADESVILLE

District: LYON County: PRESTON  
Latitude: 8950 Feet South of 39 Deg. 30Min. Sec.  
Longitude 5650 Feet West of 79 Deg. 52 Min. 30 Sec.

Company: ALAMCO, INC.  
P. O. BOX 1740  
CLARKSBURG, WV 26302-1740

Agent: MARTY L. PERRI

Inspector: PHILLIP TRACY  
Permit Issued: 07/07/95  
Well work Commenced: 09/08/95  
Well work Completed: 09/20/95  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary X Cable \_\_\_\_\_ Rig  
Total Depth (feet) 2,009  
Fresh water depths (ft) 45,760

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): 45 Ft.

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			
13-3/8	208	208	To Surface
9-5/8	1166	1166	To Surface
4-1/2	7918	2009	210 Sk.

OPEN FLOW DATA

Producing formation 4th Sand Pay zone depth (ft) 1777'  
 Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d  
 Final open flow 0 MCF/d Final open flow 0 Bbl/d  
 Time of open flow between initial and final tests 4 Hours  
 Static rock Pressure 400 psig (surface pressure) after 72 Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: ALAMCO, INC.

By: Richard R. Hoffman  
Date: \_\_\_\_\_

Formations: See original Form OG-10.

Plug Back:

1. 7918' - 7800' Gel  
7800' - 7500' Cement  
7500' - 4823' Gel
2. Place cast iron bridge plug @ 4900'
3. Cut 4-1/2 casing @ 4823 ft.
4. Cement 4823 - 4623 ft.  
Gel 4623 - 2009 ft.
5. Ran new casing and cemented @ 2009 ft.

Stimulation: 09/20/95

Perf: (1777' - 1822') - 24 Holes

Frac: WF-25 w/65000# 20/40 Sand in 725 BBLs total fluid



**RECEIVED**

NOV 26 1979

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

WELL RECORD 14

Quadrangle Gladesville

Permit No. 47-077-0200

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

Company Consolidated Gas Supply Corp.  
Address 1115 W. Main St., Clarksburg, WV  
Farm Pauline F. Smith Acres 110  
Location (waters) Brains Creek  
Well No. 12609 Elev. 1823'  
District Lyon County Preston  
The surface of tract is owned in fee by \_\_\_\_\_  
Pauline F. Smith  
Address Gladesville, WV  
Mineral rights are owned by Same  
Address \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. <u>13 3/8"</u>			
<u>9 5/8</u>	208	208	To surface
<u>8 5/8</u>	1166	1166	To surface
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>	7918	7918	500 Sks.
<u>3</u>			
<u>2</u>			
Liners Used			

Drilling Commenced August 8, 1979  
Drilling Completed September 2, 1979  
Initial open flow 11M cu. ft. \_\_\_\_\_ bbls.  
Final production 996M cu. ft. per day \_\_\_\_\_ bbls.  
Well open 2 hrs. before test 1695#RP

Well treatment details:

Attach copy of cementing record.

Well fractured in Chert with 95,000# sand, 1200 bbls. of 5% Hcl & 200 gal 20% Hcl.  
Perforations: 7616 - 7682' with 33 holes and 7712 - 7756' with 22 holes.  
HRV Chert

996 MCF

Coal was encountered at 45' Feet 60" Inches  
Fresh water 45' & 760' Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_  
Producing Sand Chert Depth See perforations

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			0	15		
Sand			15	45		
Coal			45	50	Water	
Sand & Shale			50	379		
Red Rock			379	390		
Shale			390	400		
Red Rock			400	420		
Sandy Shale			420	530		
Red Rock			530	678		
Sand			678	795	Water	760'
Red Rock			795	815		2" Stream
Lime			815	870		
Red Rock			870	875		
Lime			875	910		
Shale			910	925		
Red Rock			925	936		
Shale & Sand			936	1562		
Red Rock			1562	1570		
Sand & Shale			1570	7173		
Tully			7173			
Onondaga			7557			
Chert			7570			
Oriskany			7760			
Helderberg			7790			
Total Depth				7930		

(over)

\* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet <sup>14</sup>	Bottom Feet	Oil, Gas or Water	Remarks
Gamma Ray Tops						
Tully			7190	7281		
Onondaga			7597			
Chert			7612			
Oriskany			7800			
Total Depth				7915		

Date November 21, 1979

APPROVED Consolidated Gas Supply Corp. Owner

By [Signature] Manager of Prod.

(Title)

RECEIVED

WV Division of  
Environmental Protection

JUN 21 1995

Page 4 of

ATTACHMENT TO:  
FORM WW-2B

Permitting  
Office of Oil & Gas

WELL OPERATOR ALAMCO, INC.  
OPERATOR WELL NO: 2030 Smith  
FILE NUMBER 47-077-0200

*Permanent Plug Back  
Partial = 1/3 of New Formations*

11. Proposed Well Work:

A cement plug will be placed from approximately 7,500' to 7,800' and gel will be placed from 7,500' up to approximately 5,500' where the 4-1/2" casing will be cut. A cast iron bridge plug will be placed @ 5,550'. A 200' cement plug will then be placed across the cut and the hole will be gelled to surface. The 4-1/2" casing will then be pulled and new 4-1/2" casing run back into the hole and set at approximately 2,000'. The new casing will then be cemented to approximately 1,200'. The well will then be hydraulically fractured in the Fourth Sand.

12. Plan for partial abandonment:

7,800' - 7,930' : Gel  
7,500' - 7,800' : Cement  
5,500' - 7,500' : Gel  
5,300' - 5,500' : Cement  
2,000' - 5,300' : Gel





**RECEIVED**  
WV Division of  
Environmental Protection

**JUN 21 1995**

- 1) Date: May 15, 1995
- 2) Operator's well number 2030
- 3) API Well No: 47 - 077 - 00200 (REWORK)  
State - County - Permit

Permitting  
Office of Oil & Gas

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
  - (a) Name Eugene Diaz, Jr.  
Address Route 1, Box 190  
Independence, WV 26374
  - (b) Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 5) (a) Coal Operator:
  - Name NO DECLARATION OF RECORD  
Address \_\_\_\_\_
  - (b) Coal Owner(s) with Declaration
    - Name Eugene Diaz, Jr.  
Address Route 1, Box 190  
Independence, WV 26374
    - Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Coal Lessee with Declaration
    - Name NO DECLARATION OF RECORD  
Address \_\_\_\_\_
- 6) Inspector Phillip Tracy  
Address Route 2, Box 37-A  
Montrose, WV 26283  
Telephone (304)- 636-8798

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

       Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

XX Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 9 on the above named parties, by:

- XX Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator ALAMCO, INC.  
 By: Marty Rosen  
 Its: Manager, Land  
 Address 200 West Main Street  
Clarksburg, WV 26301  
 Telephone 304 623-6671

Subscribed and sworn before me this 31st day of May, 1995

       Notary Public  
 My commission expires December 9, 2002



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

JUN 13 1979

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Pauline F. Smith  
Address Gladesville, WV  
Mineral Owner Same  
Address \_\_\_\_\_  
Coal Owner Same  
Address \_\_\_\_\_  
Coal Operator No operations  
Address \_\_\_\_\_

DATE June 11, 1979  
Company Consolidated Gas Supply Corp.  
Address 445 W. Main St., Clarksburg, WV  
Farm Pauline F. Smith Acres 40.00  
Location (waters) Brains Creek  
Well No. 12609 Elevation 1823'  
District Lyon County Preston  
Quadrangle Gladesville

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 2-15-80

INSPECTOR  
TO BE NOTIFIED William Blosser  
ADDRESS P. O. Box 1028 - Colfax, WV 26566  
PHONE 363-9105

Robert H. Bell  
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 May 10 19 68 by Pauline F. Smith made to Phillips Petroleum Co. and recorded on the 27th day of May 19 68, in Preston County, Book 399 Page 183

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

Address  
of  
Well Operator

Very truly yours,  
(Sign Name) J. E. Dwayne Manager of Prod.  
Well Operator  
Consolidated Gas Supply Corporation  
Street  
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

47-077-0200 PERMIT NUMBER

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

PROPOSED WORK ORDER TO X DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) \_\_\_\_\_ RESPONSIBLE AGENT: \_\_\_\_\_  
 NAME Unknown \_\_\_\_\_ NAME R. E. Bayne \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ ADDRESS Clarksburg, WV \_\_\_\_\_  
 TELEPHONE \_\_\_\_\_ TELEPHONE 623-3611 \_\_\_\_\_  
 ESTIMATED DEPTH OF COMPLETED WELL: 7900 \_\_\_\_\_ ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Oriskany \_\_\_\_\_  
 TYPE OF WELL: OIL X 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.
<del>XX- 16-</del>	30'	30'	To surface
13 - 10			
9 - 5/8	1100'	1100'	To surface
8 - 5/8			
7			
5 1/2			
4 1/2	7900'	7900'	200 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS No coal \_\_\_\_\_  
 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