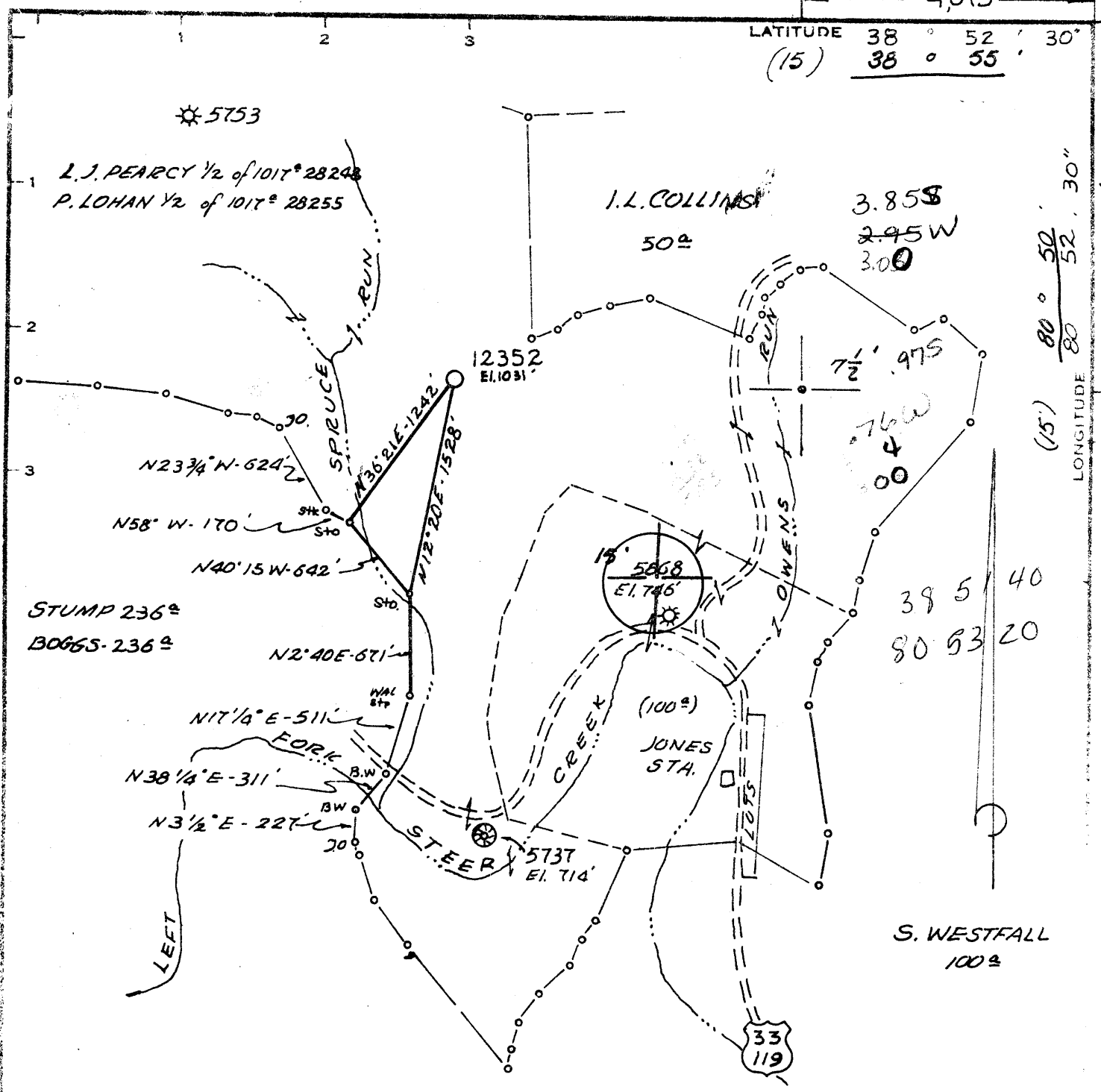


4,075'

LATITUDE 38° 52' 30"  
(15) 38° 55'



Minimum Error of Closure 1' in 200'  
**LEVELS FROM CONSOLIDATED GAS SUPPLY  
 CORP WELL 5737 EL. 714'**  
 "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 96 S40 W21 FB 1881- PG. 1-3

Company **CONSOLIDATED GAS SUPPLY CORP**  
 Address **CLARKSBURG, WVA.**  
 Farm **Jarvis Smith LOHAN - PEARCY**  
 Tract Acres **1/2-1017<sup>2</sup> Lease 28248 28255**  
 Well (Farm) No. Serial **12352**  
 Elevation (Spirit Level) **1031', Glenville 15'**  
 Quadrant **NORMANTOWN, WVA. N.W.**  
 County **GILMER** Dist. **CENTER**  
 Engineer **Darrell M. Radcliffe**  
 Engineer's Registration No. **LLS/74**  
 File No. Drawing No.  
 Date **6-16-77** Scale **1" = 1000'**

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

**WELL LOCATION MAP**  
 FILE NO. **GIL-2920**

— 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.  
 OCT 7 1977

— Denotes one inch spaces on border line of original tracing.  
**47-021**

B-6 STUMPTOWN-NORMANTOWN SHOCK 1 P. 719A



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 4

Quadrangle Normantown

Permit No. GIL-2920  
47-021

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

Company <u>Consolidated Gas Supply Corp.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>445 W. Main St., Clarksburg, WV</u>	Size			
Farm <u>Lohan-Pearcy</u> Acres <u>1/2</u> of 1017	20-16			
Location (waters) <u>Steer Creek</u>	Cond.			
Well No. <u>12352</u> Elev. <u>1031'</u>	<u>13 3/8"</u>	<u>333'</u>	<u>333'</u>	To surface
District <u>Center</u> County <u>Gilmer</u>	<u>9 5/8</u>	<u>2037'</u>	<u>2037'</u>	To surface
The surface of tract is owned in fee by _____	<u>8 5/8</u>			
<u>Janice Smith</u>	<u>7</u>			
Address <u>Box 1, Lockney, WV</u>	<u>5 1/2</u>			
Mineral rights are owned by <u>William Jackson, Agt.</u>	<u>4 1/2</u>	<u>5147'</u>	<u>2621'</u>	Abandon in hole.
Address <u>5100 Washington Ave. Charleston, WV</u>	<u>3</u>			
Drilling Commenced <u>November 29, 1977</u>	<u>2</u>			
Drilling Completed <u>December 9, 1977</u>	Liners Used			
Initial open flow <u>0</u> cu. ft. _____ bbls.				
Final production <u>245M</u> cu. ft. per day _____ bbls.				
Well open <u>1</u> hrs. before test <u>115#</u> RP.				

Well treatment details:

Attach copy of cementing record.

Well fractured in: Cedar Creek & Sycamore Grit "F" with 60,000# sand, 1400 bbls. of water & 1000 gals. 15% acid. Perforations: 1759-1978' with 29 holes. Warren with 59,000# sand, 800 bbls. of water & 500 gals. 15% Hcl. Perforations: 3142-3154' with 14 holes. Big Injun with 60,000# sand, 700 bbls. of water & 500 gals. 15% Hcl. & 2400 gals. raw acid. Perforations: 1902-1944 with 6 holes & 1918-1927' with 9 holes.

Coal was encountered at None Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 140' Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_  
Producing Sand Big Injun Depth 1927'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil & Fill			0	20		
Shale & Sand			20	290		
Red Rock & Shale			290	410	Water	140' 1/2" Stream
Red Rock			410	445		
Shale & Sand			445	800		
White Sand			800	950		
Sand & Shale			950	1470		
White Sand			1470	1675		
Little Lime			1675	1714		
Sand & Shale			1714	1730		
Big Lime			1730	1820		
Big Injun			1820	1940		
Sand & Shale			1940	2130		
Weir			2130	2200		
Sand & Shale			2200	5196	T.D. Syc	
KBM 10' above G. L.						
Plugged back to				1938		

(over)

\* Indicates Electric Log tops in the remarks section.

5196  
1820  
3376 expl.

NOV 1 1978

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Gamma Ray Log Tops						
Maxton			1651	1703		
Little Lime			1785	1798		
Big Lime			1809	1848		
Big Injun			1848	1931		
Weir			2141	2196		
30'			2450	2460		
Gordon Stray			2476	- -		
Gordon			- -	2592		
5th			2786	2801		
Warren			3126	3161		
Upper Speechley			3431	3445		
Balltown			3662	3801		
Benson			4475	4481		
Cedar Creek			4761	4835		
Sycamore Grit "F"			4914	4989		
Total Depth				5186		
Plugged back to				1938		

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

Date October 20, 19 78

APPROVED Consolidated Gas Supply Corp. Owner

By J. E. Payne Manager of Prod.

(Title)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

SEP 19 1977

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 September 13, 1977

Surface Owner Janice Smith

Company Consolidated Gas Supply Corporation

Address Box 1, Lockney, W. Va.

Address Clarksburg, W. Va.

Mineral Owner William Jackson, Agt.

Farm Lohan-Pearcy Acres 1/5 Of 1017

Address 5100 Wasington Ave., Charleston, WV

Location (waters) Steer Creek

Coal Owner None

Well No. 12352 Elevation 1031'

Address \_\_\_\_\_

District Center County Gilmer

Coal Operator None

Quadrangle NORMANTOWN

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 1-19-78.

INSPECTOR  
TO BE NOTIFIED K. Paul Goodnight

ADDRESS Smithville, W. Va.

PHONE 477-3660

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 11-8-15 19    by Peter Lohan made to N. N. G. Co. and recorded on the 22nd day of January 1976, in Gilmer County, Book 79 Page 438

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        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) R. H. Bayne Manager of Production  
Well Operator

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

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

GIL-2920 PERMIT NUMBER

47-021

"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 R. H. Bayne

**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 S. W. Jack Drilling Company NAME R. E. Bayne  
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.  
 TELEPHONE --- TELEPHONE 623-3611  
 ESTIMATED DEPTH OF COMPLETED WELL: 5050' ROTARY XX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Sycamore Grit  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS XX 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 -X26	20'	20'	To surface
13 <del>XX</del> 10X	350'	350'	To surface
9 - 5/8	2000'	2000'	85 bags
8 - 5/8			
7	3000'	3000'	85 bags
5 1/2			
4 1/2	5050'	5050'	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 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