



Minimum Error of Closure 1' in 200'
 Source of Elevation LEVELS from CONSOLIDATED GAS SUPPLY CORP WELL 3809 - CUN 339 - EIV. 1026'
 "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 56 S20E-4 FB 1969 PG-18-20

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W.VA.
 Farm EMMA POST
 Tract _____ Acres 63 Lease No. 66611
 Well (Farm) No. _____ Serial No. 12594
 Elevation (Spirit Level) 1277' WESTON 15'
 Quadrangle MOUNT CLARE, W.VA. W.C.
 County HARRISON District GRANT
 Engineer Danell M. Radcliffe
 Engineer's Registration No. L.L.S. #74
 File No. _____ Drawing No. _____
 Date 6-22-79 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. 47-033-2146

+ 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.
 (153) JUL 24 1979



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

RECORDED
INDEXED
JAN 13 1980

OIL & GAS DIVISION
DEPT. OF MINES
Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Mount Clare

Permit No. 47-033-2146

Company Consolidated Gas Supply Corp.
Address 145 W. Main St., Clarksburg, WV
Farm Emma A. Post Acres 63
Location (waters) Lost Creek
Well No. 12594 Elev. 1277'
District Grant County Harrison
The surface of tract is owned in fee by _____
Mrs. Emma A. Post
Address Box 142, Lost Creek, WV 26385
Mineral rights are owned by Same
Address _____
Drilling Commenced August 11, 1979
Drilling Completed August 20, 1979
Initial open flow 76M cu. ft. _____ bbls.
Final production 373.1M cu. ft. per day _____ bbls.
Well open 1 hrs. before test 1 1/2 day 1620# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. <u>1740" 13 3/8"</u>	298	298	To surface
9 5/8			
8 5/8	2158	2158	To surface
7			
5 1/2			
4 1/2	1632	1632	400 Sks.
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Well fractured in Benson with 90,000# sand, 1000 bbls. of water & 750 gal. 15% HCL.
Perforations: 1420-1422' with 5 holes & 1435-1438' with 10 holes.
Well fractured in Balltown with 60,000# sand, 800 bbls. of water & 750 gal. 15% HCL.
Perforations: 3425'-3426' with 2 holes, 3323'-3325' with 6 holes & 3099-3101' with 6 holes.

Coal was encountered at 313', 492' & 646' Feet 2 1/2", 1 1/8" & 36" Inches
Fresh water 762 Feet Salt Water None Feet
Producing Sand Benson & Balltown Depth See perforations

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	5		
Shale & Red Rock			5	30		
Sand			30	40		
Red Rock & Shale			40	90		
Sand & Shale			90	105		
Shale, Red Rock & Sand			105	170		
Sand & Shale			170	313		
Coal			313	315		
Sand & Shale			315	492		
Coal			492	496		
Sand & Shale			496	646		
Coal			646	649		
Sand & Shale			649	1330	Water	762' Damp
Shale, Red Rock & Sand			1330	1433		
Shale & Lime			1433	1476		
Big Lime			1476	1537		
Sand & Shale			1537	3885	Oil	2426 Damp
Brown Sand			3885	3905		
Sand & Shale			3905	3950		
Light Brown Sand			3950	3960		
Sand & Shale			3960	4040		
Light Brown Sand			4040	4055		
Sand & Shale			4055	4255		
Brown Sand			4255	4265		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet (1)	Bottom Feet	Oil, Gas or Water	Remarks
Shale			4265	4285	Gas	1661' 16.8M
Brown Sand			4285	4305	Gas	1715' 66.6M
Sand & Shale			4305	4315	Gas	1780' 15.7M
Light Brown Sand			4315	4325	Gas	2553' 10.3M
Sand & Shale			4325	4330	Gas	2776' 9.6M
Brown Sand			4330	4345	Gas	3035' 10.5M
Sand & Shale			4345	4400	Gas	3483' 12.0M
Light Brown Sand			4400	4410	Gas	4249' 8.4M
Dark Brown Sand <i>BENSON</i>			4410	4450	Gas	4377' 8.4M
Light Brown Sand			4450	4470	Gas	4567' 111.0M
Sand & Shale			4470	4980	T.D. Gas	4795' 23.0M
KBM 11' above G. L.					Gas	T.D. 76.0M
Gamma Ray Tops						
Gordon Stray			2141	- -		
Gordon			- -	2210		
4th			2257	2312		
4th-A			2336	2345		
5th			2410	2431		
Warren			2787	2820		
Upper Speechley			2992	3020		
Speechley			3098	3119		
Balltown			3204	3405		
Riley			4082	4320		
Benson			4419	4441		
Cedar Creek			4744	4867		
Total Depth				4969		
Plugged lower hole from 4980' to 4595' with 6% gel.						

Date January 17, 19 80

APPROVED Consolidated Gas Supply Corp. Owner

By [Signature] Manager of Prod.

(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL - 5 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 Mrs. Emma A. Post
Address Box 142, Lost Creek, WV 26385
Mineral Owner Same
Address _____
Coal Owner Same
Address _____
Coal Operator None
Address _____

DATE July 3, 1979
Company Consolidated Gas Supply Corp.
Address 445 W. Main St., Clarksburg, WV
Farm Emma A. Post Acres 63
Location (waters) Lost Creek
Well No. 12594 Elevation 1277'
District Grant County Harrison
Quadrangle Mount Clare

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 3-6-80.

INSPECTOR
TO BE NOTIFIED Paul Garnett
ADDRESS 321 Beech St., Clarksburg, WV
PHONE 622-3871

Robert H. [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 August 18, 1970 by Emma A. Post made to Consolidated Gas Supply and recorded on the 13th day of October 1970 in Harrison County, Book 979 Page 91
 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) [Signature] Manager of Prod.
Well Operator
Address Consolidated Gas Supply Corp.
of Street
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

47-033-2146

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 S. W. Jack Drilling Co. NAME R. E. Bayne
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, WV
 TELEPHONE _____ TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 4300' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL _____ GAS X 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 - 1 1/2	20'	20'	To surface
13 3/8"	350'	350'	To surface
9 - 5/8			
8 - 5/8	1900'	1900'	To surface
7			
5 1/2			
4 1/2	4300'	4300'	125 Sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 90 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