

Minimum Error of Closure 1' IN 200'
 Source of Elevation ROAD FORKS - JCT. ST. RT. 92 E. Co. RT. 2
NESTORVILLE 1/2 TOPO MAP ELEV. 1493'
 "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."

REDRILL 1/30/78

New Location
 Drill Deeper
 Abandonment

James G. Jarvis
 MAP SHEET 29B S-17E-39

FB 1612 Pg 20-21

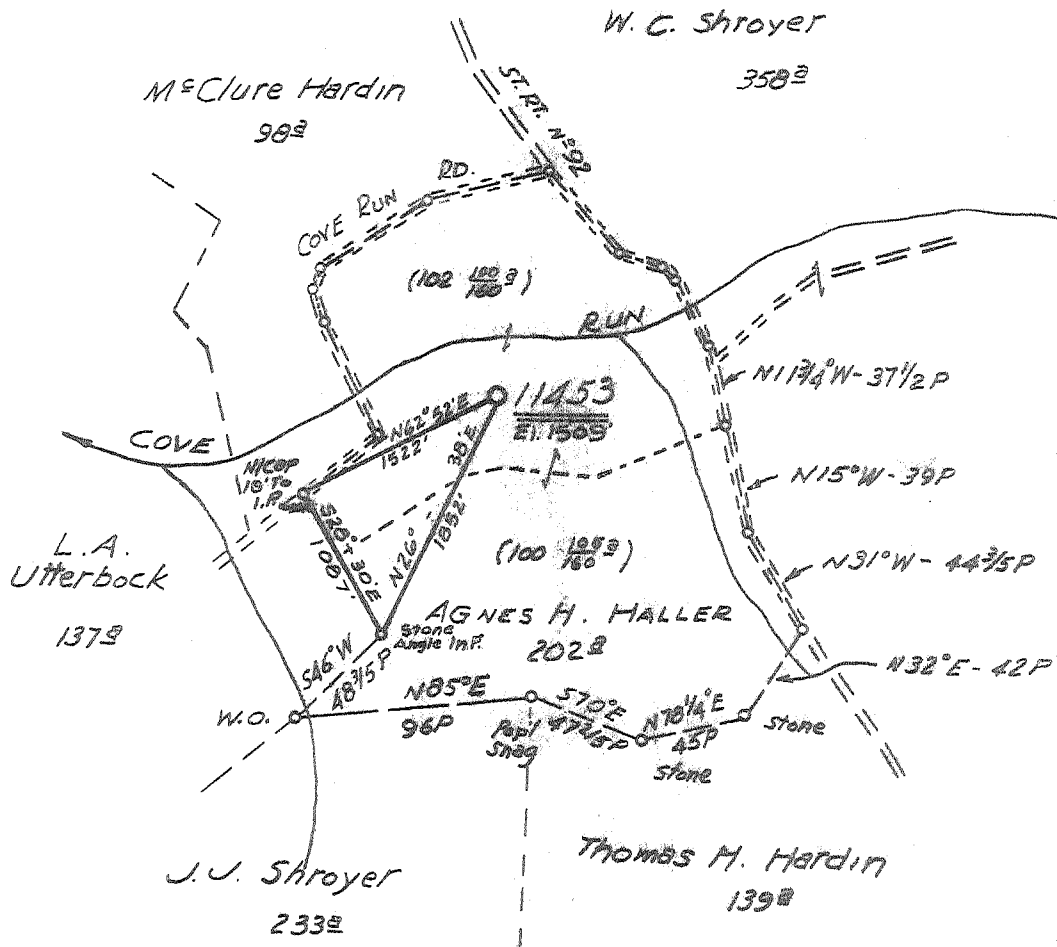
Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W.VA.
 Farm AGNES H. HALLER
 Tract _____ Acres 202 Lease No. 73529
 Well (Farm) No. _____ Serial No. 11453
 Elevation (Spirit Level) 1509'
 Quadrangle BELINGTON NC
 County BARBOUR District NORTH (FORM. COVE)
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date FEBRUARY 25, 1972 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. Bay-577-~~11~~-REC-1

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

47-001 FEB 3 1978



Minimum Error of Closure 1' IN 200'
 Source of Elevation ROAD FENCE - Jct. ST. RT. 92 E Co. RT. 2
NESTORVILLE 1/2 TOPO MAP ELEV. 1493'
 "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

issued 6/2/72
 MAP SHEET 29B S-17E-39

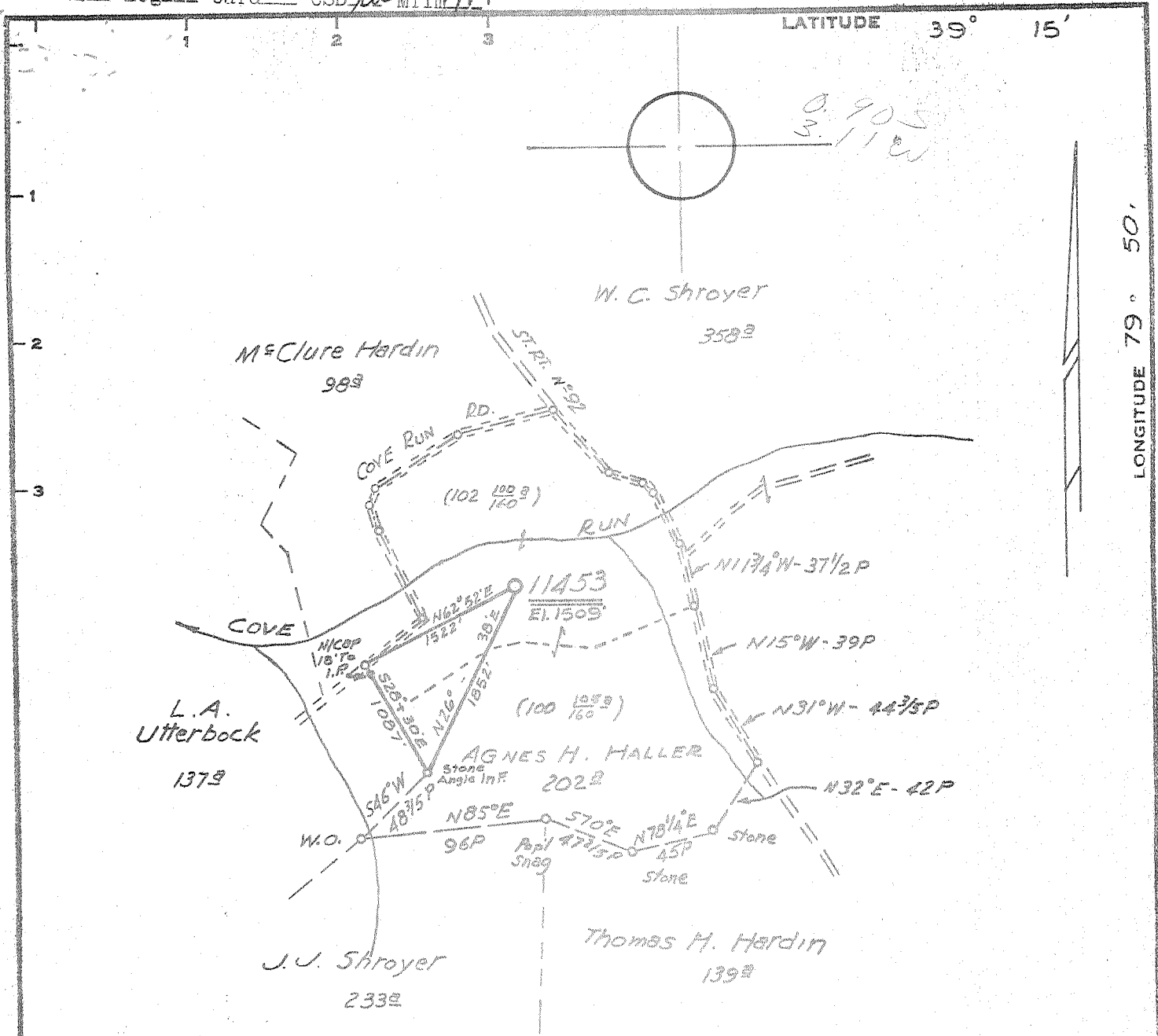
FB 1612 Pgs 20-21

Company CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG, W.VA.
 Farm AGNES H. HALLER
 Tract _____ Acres 202 Lease No. 73529
 Well (Farm) No. _____ Serial No. 11453
 Elevation (Spirit Level) 1509'
 Quadrangle BELINGTON NC
 County BARBOUR District NORTH (FORM. COVE)
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date FEBRUARY 25, 1972 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. Dat-577-P

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



Minimum Error of Closure 1' IN 200'
 Source of Elevation ROAD FORKS - Jct. ST. RT. 92 E Co. RT. 2
NESTORVILLE 7 1/2 TOPO MAP ELEV. 1493'

"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 29B S-17E-39

FB 1612 Pgs 20-21

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W. VA.
 Farm AGNES H. HALLER
 Tract _____ Acres 202 Lease No. 73529
 Well (Farm) No. _____ Serial No. 11453
 Elevation (Spirit Level) 1509'
 Quadrangle BELINGTON NC
 County BARBOUR District NORTH (FORM. COVE)
 Engineer Jackson M. Jarvie
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date FEBRUARY 25, 1972 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. Bat-577

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



RECEIVED

MAR 17 1972

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.

Surface Owner Agnes H. Haller
Address Rt. #1, Box 91, Moatsville, W. Va.
Mineral Owner Same
Address _____
Coal Owner No coal
Address _____
Coal Operator No operations
Address _____

DATE March 16, 1972
Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Agnes H. Haller Acres 202
Location (waters) _____
Well No. 11453 Elevation 1509'
District Cove County Barbour
Quadrangle BELINGTON

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 July 17, 1972

INSPECTOR TO BE NOTIFIED Mr Paul Thomas
Box 12
Buckhannon, W. Va. 26201 PH: 472-6418

Frank H. 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 6-23-64 1964 by Agnes H Haller made to Hope Natural Gas Co. and recorded on the 24th day of July 1964, in Barbour County, Book 50 Page 117
XX 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.

Very truly yours,
(Sign Name) Carl Payne Mgr. Prod.
Well Operator

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

Bar-577 PERMIT NUMBER



RECEIVED

JUN 5 1972

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle BELINGTON

Permit No. BAR-577

Rotary XX Oil _____
Cable _____ Gas Dry
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ Dry
(Kind)

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Agnes H. Haller Acres 202
Location (waters) Cove Run
Well No. 11453 Elev. 1509'
District North County Barbour
The surface of tract is owned in fee by _____

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13 1/2 11"	20	20	To surface
9 5/8			
8 5/8	807	807	To surface
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 5-25-72
Drilling Completed 6-1-72
Initial open flow - - - - - cu. ft. - - - - - bbls.
Final production Dry cu. ft. per day - - - - - bbls.
Well open - - - - - hrs. before test - - - - - RP.

Well treatment details:

Dry & abandoned

Attach copy of cementing record.

Coal was encountered at None Feet _____ Inches _____
Fresh water None Feet _____ Salt Water None Feet _____
Producing Sand No gas Depth See log

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	930	Water None	Well dusted
Red Rock & Sand			930	1535		
Shale & Red Rock			1535	2290		
Sand & Shale			2290	4060		
<u>Benson</u>			4060	4085	No gas	
Total Depth				4207'		

Consolidated Gas Supply Corporation
445 West Main Street
Clarksburg, W. Va.

(over)

* Indicates Electric Log tops in the remarks section.

JUN 15 1972

27/61 5 T NMP

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

PROPOSED WORK ORDER TO xx Re-DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Unknown _____ NAME R. E. Payne _____
 ADDRESS _____ ADDRESS Bridgport, W. Va. _____
 TELEPHONE _____ TELEPHONE 623-3611 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 1200' _____ ROTARY _____ CABLE TOOLS xxx _____
 PROPOSED GEOLOGICAL FORMATION: Benson _____
 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 - 16			
13 - 10			
9 - 5/8			
8 - 5/8			
7			
5 1/2			
4 1/2	<u>1200'</u>	<u>1200'</u>	<u>125 Bags</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 15' FEET _____ SALT WATER 185' FEET _____
 APPROXIMATE COAL DEPTHS None _____
 IS COAL BEING MINED IN THE AREA? No coal 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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

RECEIVED
AUG 15 1978
OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Belington

Permit No. PAB-577-Part 1
47-001

Rotary _____ Oil _____
Cable X Gas X
Recycling _____ Comp. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company Consolidated Gas Supply Corp.
Address 445 W. Main St., Clarksburg, WV
Farm Agnes H. Haller Acres 202
Location (waters) Cove Run
Well No. 11453 Elev. 1500
District Cove County Barbour
The surface of tract is owned in fee by _____
Agnes H. Haller
Address Rt. 1, Box 91, Meatsville, WV
Mineral rights are owned by Same
Address _____
Drilling Commenced February 26, 1978
Drilling Completed March 15, 1978
Initial open flow 58M cu. ft. _____ bbls.
Final production 179M cu. ft. per day _____ bbls.
Well open 18 hrs. before test 1200 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2	<u>1381'</u>	<u>1381'</u>	<u>140 Sks.</u>
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Well fractured in Elk with 36,000# sand, 701 bbls. of water & 500 gals acid.
Perforations: 1256 - 1261' with 16 holes.
Well fractured in Benson with 50,000# sand, 810 bbls. of water & 500 gals acid.
Perforations: 1036 - 1040' with 16 holes.

Coal was encountered at None Feet _____ Inches _____
Fresh water None Feet _____ Salt Water None Feet _____
Producing Sand Elk & Benson Depth 1261' & 1040'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Gel			0	50		
Cement			50	180		
Gel			180	810		
Cement			810	900		
Gel			900	3945		
Cement			3945	4199		
New Hole						
Lime & Slate			4199	4225	Gas	4199' 58.8M
Sand			4225	4270		
Sand & Slate			4270	4432	T.D.	
Gamma Ray Log Tops						
Little Lime			1204	1219		
Big Lime			1250	1467		
Gantz			1497	1530		
Bayard			2335	-		
5th			-	2424		
Elizabeth			2572	2598		
Balltown			3140	3175		
Riley			3795	3881		
Benson			4035	4043		
Elk #1			4193	4312		
Total Depth				4432		

4432
4207
225 DD footage
& expln. 4

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

(over)

* Indicates Electric Log tops in the remarks section.

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

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Sam Jack _____ NAME R. E. Bayne _____
 ADDRESS Indiana, Pa. _____ ADDRESS Bridgeport, W. Va. _____
 TELEPHONE - - _____ TELEPHONE 623-3611 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 4300' _____ ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson _____
 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 - 16			
XXXXX 11"	20'	20'	To surface
9 - 5/8			
8 - 5/8	800'	800'	To surface
7			
5 1/2			
4 1/2	4300'	4300'	125 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 90 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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE January 24, 1978

Surface Owner Agnes H. Haller

Company Consolidated Gas Supply Corporation

Address Rt. #1, Box 91, Moatsville, W. Va.

Address Clarksburg, W. Va.

Mineral Owner Same

Farm Agnes H. Haller Acres 202

Address _____

Location (waters) Cove Run

Coal Owner No coal

Well No. 12453 Elevation 1502'

Address _____

District Cove County Barbour

Coal Operator No operations

Quadrangle BELINGTON

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 redrilling. This permit shall expire if operations have not commenced by 5-30-78.

INSPECTOR

TO BE NOTIFIED Robert S. Stewart

ADDRESS Box 345, Jane Lew, W. Va.

26378

PHONE 884-7782

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 Re-Drill 19 by _____ made to _____ and recorded on the _____ day of _____ 19 , in _____ County, Book _____ Page _____

_____ 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

Consolidated Gas Supply Corporation
Street
445 West Main Street
City or Town
Clarksburg, W. Va.
State

Very truly yours,

(Sign Name) _____ Manager of Production
Well Operator

*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.

BAR-577-RED PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12b and will carry out the specified requirements."

Signed by

47-001