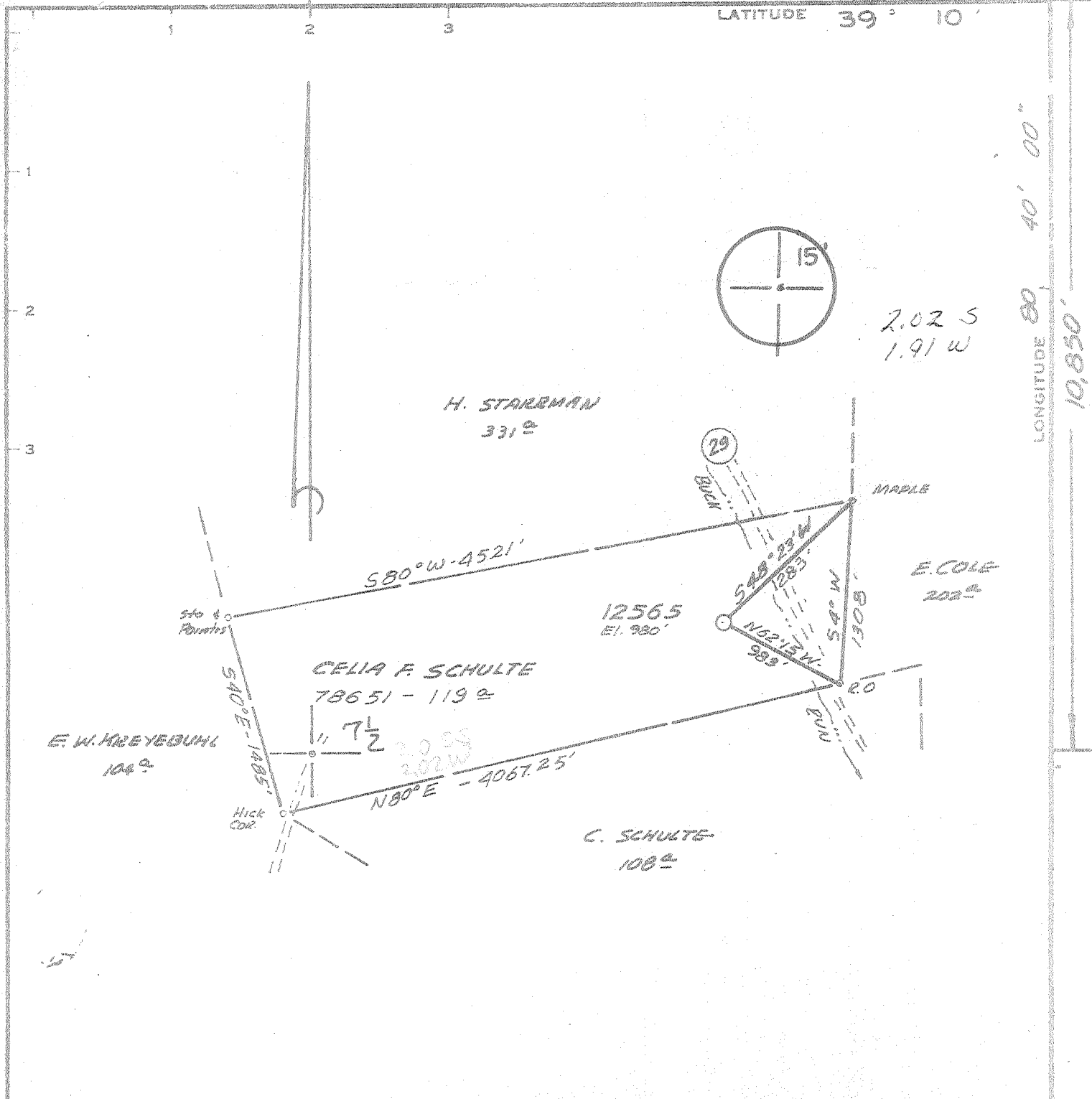


LATITUDE 39° 10'

LONGITUDE 80° 40' 00" 10,850'



Minimum Error of Closure 1" IN 200'

Source of Elevation LEVELS FROM U.E. ON BUCK RUN ROAD ELV. 965'

"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 8/7/79

MAP SHEET 68 522 W6 FB 1937 PG-2-4

Company CONSOLIDATED GAS SUPPLY CORP

Address CLARKSBURG, W.VA.

Farm IRWEN M. SCHULTE CELIA F. SCHULTE

Tract _____ Acres 119 Lease No. 78651

Well (Farm) No. _____ Serial No. 12565

Elevation (Spirit Level) 980' VADIS 15'

Quadrangle NEW MILTON, W.VA. S3

County DODDRIDGE District COVE

Engineer Daniel M. Kadeliffe

Engineer's Registration No. L.L.S. #94

File No. _____ Drawing No. _____

Date 10-30-78 Scale 1" = 1000'

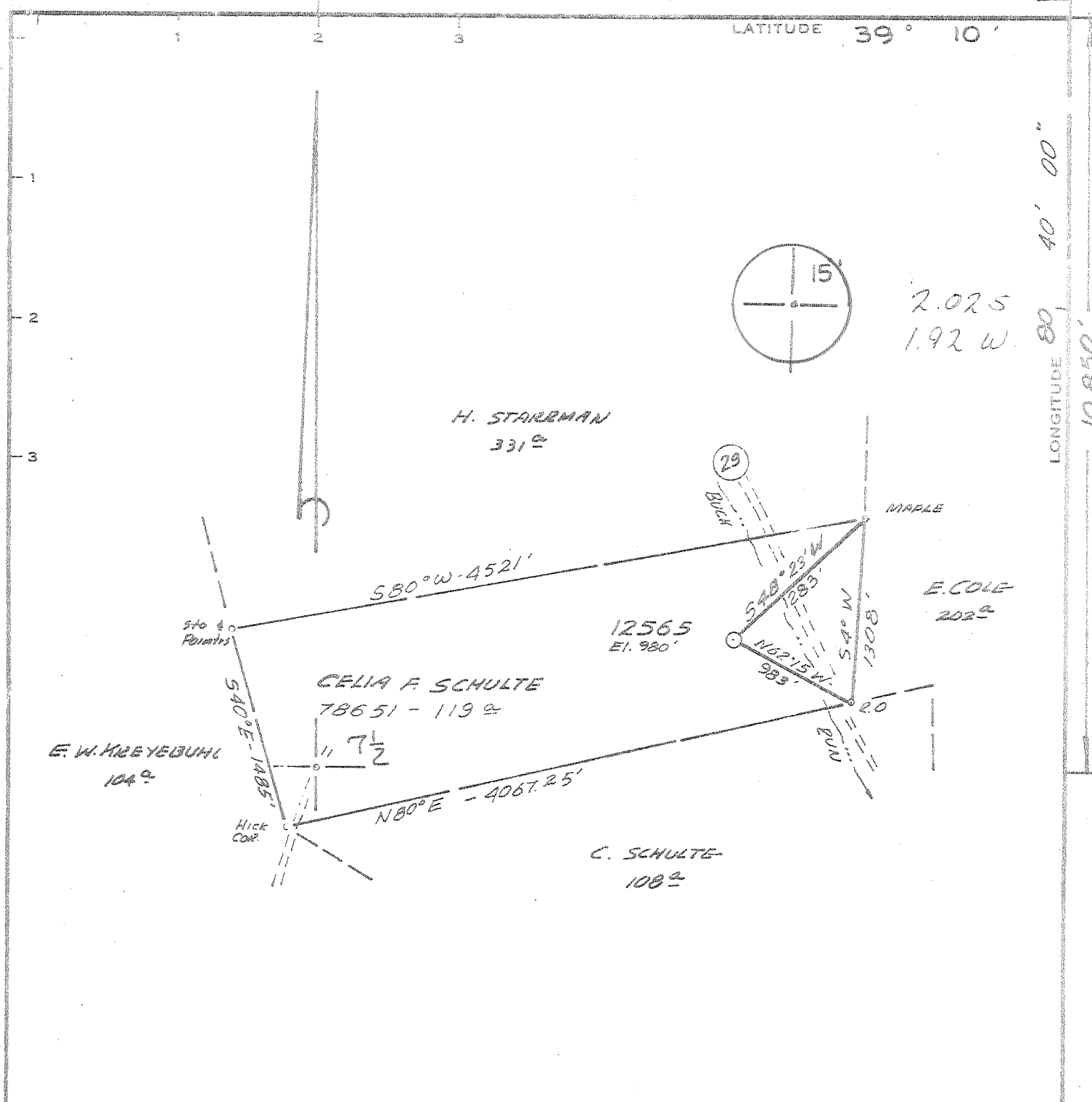
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. 47-017-2354-P

... Denotes location of well on United States Topographic Maps, scale 1 to 24000, latitude and longitude lines being represented by border lines as shown.

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

AUG 13 1979



Minimum Error of Closure 1' in 200'
 Source of Elevation LEVELS FROM U.E. ON BUCK RUN ROAD EIV. 965'
 "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 68 522 W6 FB 1937 PG-2-4

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W.VA.
 Farm IRWEN M. SCHULTE
 Tract _____ Acres 119 Lease No. 78651
 Well (Farm) No. _____ Serial No. 12565
 Elevation (Spirit Level) 980' VADIS 15'
 Quadrangle NEW MILTON, W.VA. 50
 County DODD BIDGE District COVE
 Engineer Daniel M. Radcliffe
 Engineer's Registration No. L.L.S. #74
 File No. _____ Drawing No. _____
 Date 10-30-78 Scale 1" = 1000'

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

WC WELL LOCATION MAP
 FILE NO. 47-017-2354

Denotes location of well on United States Topographic Maps scale 1 to 24000, latitude and longitude lines being represented by border lines as shown.

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

MAR 21 1979

5475

7803



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

AUG 7 1979
allow

Oil and Gas Division
WELL RECORD 6

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

Quadrangle New Milton
Permit No. 17-017-2351

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>Celia F. Schulte</u> Acres <u>119</u>	20-16			
Location (waters) <u>Buck Run</u>	Cond.			
Well No. <u>12565</u> Elev. <u>980'</u>	11 3/4" <u>11 3/4"</u>	<u>255'</u>	<u>255'</u>	To surface
District <u>Cove</u> County <u>Doddridge</u>	<u>9 5/8</u>			
The surface of tract is owned in fee by _____	<u>8 5/8</u>	<u>1339'</u>	<u>1339'</u>	85 Sks.
<u>Irwen M. Schulte</u>	<u>7</u>			
Address <u>General Delivery, Vadis, WV 26145</u>	<u>5 1/2</u>			
Mineral rights are owned by <u>Same</u>	<u>4 1/2</u>	<u>5388'</u>	<u>5388'</u>	500 Sks.
Address _____	<u>3</u>			
Drilling Commenced <u>May 19, 1979</u>	<u>2</u>			
Drilling Completed <u>May 26, 1979</u>	Liners Used			
Initial open flow <u>16.9M</u> cu. ft. _____ bbls.				
Final production <u>0</u> cu. ft. per day _____ bbls.				
Well open <u>Dry</u> hrs. before test _____ RP.				

Well treatment details: Attach copy of cementing record.
Well fractured in Cedar Creek with 75,000# sand, 800 bbls. of water & 500 gal. 15% Hcl.
Perforations: 5190-5192 with 6 holes and 5205-5207' with 5 holes.

Coal was encountered at 70' & 83' Feet 36" & 60" Inches
Fresh water 160 Feet Salt Water 1100 Feet
Producing Sand Dry - P & A Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	5		
Sand & Shale			5	70		
Coal			70	73		
Sand & Shale			73	83		
Coal			83	88		
Sand			88	124		
Red Rock			124	129		
Sand & Shale			129	134		
Red Rock			134	136		
Sand			136	307		
Red Rock & Shale			307	317		
Shale & Sand			317	710	Water	160' Damp
Shale & Red Rock			710	760		
Sand			760	800		
Shale & Red Rock			800	855		
Sand & Shale			855	1000		
Shale & Red Rock			1000	1017		
Shale & Sand			1017	1770	Water	1100' Damp
Shale & Red Rock			1770	1870		
Sand & Shale			1870	1946		
Red Rock & Shale			1946	1952		
Sand & Shale			1952	2000		
Lime			- 2000	2013		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Lime & Sand			2013	2035	Gas	2234' 4.6M
Sand			2035	2040	Gas	2459' 2.5M
Lime & Sand			2040	2045	Gas	2811' 2.5M
Lime			2045	2126	Gas	3005' 2.5M
Lime & Sand			2126	2193	Gas	3359' 6.5M
Sand & Shale			2193	4310	Gas	3616' 6.5M
Brown Sand			4310	4320	Gas	3741' 4.6M
Sand & Shale			4320	4415	Gas	4092' 4.2M
Brown Sand			4415	4425	Gas	4540' 5.3M
Sand & Shale			4425	4470	Gas	4860' 4.6M
Brown Sand			4470	4490	Gas	4959' 16.8M
Sand & Shale			4490	4920	Gas	5050' 16.8M
Brown Sand			4920	4940	Gas	5175' 10.8M
Shale			4940	5475	T.D.	
KBM 11' above G. L.			CEDAR CK			
Gamma Ray Tops from K. R. Elevations						
Little Lime			2002	2014		
Big Lime			2055	2143		
Big Injun			2143	2197		
Weir			2275	2368		
Gantz			2466	2481		
Gordon Stray			2652	- -		
Gordon			- -	2811		
4th			2823	2861		
5th			2928	2967		
Bayard			3000	3036		
Warren			3305	3342		
Upper Soeochley			3517	3557		
Speechley			3677	3710		
Balltown			3867	4050		
Bradford			4372	4508		
Riley			4704	4812		
Benson			4918	4933		
Leopold			5033	5062		
Cedar Creek			5163	5312		

Date 8-6-1979

APPROVED [Signature] Owner

By [Signature]
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

MAR - 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.

DATE March 2, 1979

Surface Owner Irwen M. Schulte

Company Consolidated Gas Supply Corp.

Address General Delivery, Vadis, WV. 26115

Address 1115 W. Main St., Clarksburg, WV.

Mineral Owner Same

Farm Celia F. Schulte Acres 119

Address _____

Location (waters) Buck Run

Coal Owner Same

Well No. 12565 Elevation 980'

Address _____

District Cove County Doddridge

Coal Operator None

Quadrangle New Milton

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 11-6-79

Robert A. [Signature]

Deputy Director - Oil & Gas Division

INSPECTOR

TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech St., Clarksburg, WV 26301

PHONE 622-3871

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 July 2, 1969 by Celia F. Schulte made to Consolidated Gas Supply and recorded on the 26th day of August 1969, in Doddridge County, Book 93 Page 417

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. Payne Manager of Prod.

Well Operator

Consolidated Gas Supply Corp.

Street

Address
of
Well Operator

1115 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

47-017-2354

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: 5475' 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	LIFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20' - 16	20'	20'	To surface
11 3/4"	250'	250'	To surface
9 - 5/8			
8 - 5/8	1150'	1150'	To surface
7			
5 1/2			
4 1/2	5475'	5475'	250 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