



1) Date: April 25, 19 85  
 2) Operator's Well No. 1633  
 3) API Well No. 47 -005-1457  
 State                      County                      Permit                     

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION  
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil                      / Gas   x   /  
 B (If "Gas", Production   x   / Underground storage                      / Deep                      / Shallow   x   /)
- 5) LOCATION: Elevation: 2062 / Watershed: Pond Fork  
 District: Crook / County: Boone / Quadrangle: Lorado 445
- 6) WELL OPERATOR CNG Development Company  
 Address c/o Paul W. Garrett, P.O. Box 15746  
Pittsburgh, PA 15244 10110
- 7) DESIGNATED AGENT Gary Nicholas  
 Address Crosswind Corporate Park  
Rt. 2, Box 698, Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Jerry halcomb  
 Address Rural Rt. #1, Box 28  
Hamlin, WV 25523
- 9) DRILLING CONTRACTOR:  
 Name Sam Jack Drilling Company  
 Address P.O. Box 48  
Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill   x   / Drill deeper                      / Redrill                      / Stimulate   x   /  
 Plug off old formation                      / Perforate new formation                       
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION,  WEIR
- 12) Estimated depth of completed well, 4108 feet
- 13) Approximate trata depths: Fresh, 555, 1408 feet; salt,                      feet.
- 14) Approximate coal seam depths: 424, 776, 938 Is coal being mined in the area? Yes                      / No   -   /

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	16					40	40	To Surface	By Rule 15.05
Coal									Sizes
Intermediate	8-5/8	K-55	24	x		2200	2200	To Surface	By Rule 15.05
Production	4-1/2	J-55	10.5	x		4108	4108	200-400	Depths set
Tubing	1-1/2	CN-55	2.75	x					By Rule 15.01
Liners									Perforations:
									Top
									Bottom

OIL & GAS DIVISION  
 DEPT. OF MINES  
 OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-005-1457

Date May 21 1985

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires May 21, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>28</u>	Agent: <u>MH</u>	Plat: <u>MH</u>	Casing <u>MH</u>	Fee <u>8168</u>
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*Margaret J. Hesse*  
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File 10/20/2023





IV-9  
(Rev 8-81)

DATE 2/11/85

WELL NO. C.N.G. # 1633

State of West Virginia API NO. 47-005-1457

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME <u>C.N.G. Development Company</u>	DESIGNATED AGENT <u>Gary A. Nicholas</u>
Address <u>1 Park Ridge Center</u>	Address <u>Crosswind Corporate Park</u>
<u>Pittsburgh, PA 15244</u>	<u>Route 2, Box 698</u>
Telephone <u>412/429-2390</u>	Telephone <u>Bridgeport, WV 26330</u>
LANDOWNER <u>Charleston National Bank</u>	SOIL CONS. DISTRICT <u>Guyan</u>
Revegetation to be carried out by _____	<u>Gary A. Nicholas</u> (Agent)

This plan has been reviewed by Guyan SCD. All corrections and additions become a part of this plan: 2-18-85 (Date)

[Signature]  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure <u>Drainage Ditch</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>Along Access Road</u>	Material <u>Earthen</u>
Page Ref. Manual _____	Page Ref. Manual <u>2:12 to 2:13</u>
Structure <u>Culvert</u> (B)	Structure _____ (2)
Spacing <u>12"Min.-42"Max. I.D. as shown on sketch</u>	Material <u>Mulching</u>
Page Ref. Manual <u>2:7 to 2:11</u>	Page Ref. Manual <u>3:6 to 3:7</u>
Structure <u>Cross Drains</u> (C)	Structure <u>Sediment Barrier</u> (3)
Spacing <u>As shown on sketch</u>	Material <u>Hay Bales &amp; Brush From Site</u>
Page Ref. Manual <u>2:1 to 2:6</u>	Page Ref. Manual <u>2.16 &amp; 2.18</u>

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

MAY - 2 1985

REVEGETATION

Treatment Area I

Lime 3.0 Tons/acre  
or correct to pH 6.5

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Mulch Hay or Straw 2.0 Tons/acre

Seed\* Ky. 31 Tall Fescue 45 lbs/acre  
Birdsfoot Trefoil 10 lbs/acre  
Rye Grass 10 lbs/acre

Treatment Area II

Lime 3.0 Tons/acre  
or correct to pH 6.5

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Mulch Hay or Straw 2.0 Tons/acre

Seed\* Ky. 31 Tall Fescue 45 lbs/acre  
Birdsfoot Trefoil 10 lbs/acre  
Rye Grass 10 lbs/acre

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY Olin Shockey  
Shockey Survey 10/20/2023

NOTES: Please request landowner cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

ADDRESS 401 Peoples Building  
Charleston, WV 25301

PHONE NO. 304-345-6631

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE LORADO (7.5')

LEGEND	
Well Site	⊕
Access Road	—

Form IV-2 (A)  
Reverse

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

I N F O R M A T I O N S U P P L I E D U N D E R C O D E § 22-4-11(d)  
I N L I E U O F F I L I N G L E A S E ( S ) A N D O T H E R C O N T I N U I N G C O N T R A C T ( S )

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
Charleston National Bank	Quaker State Oil Refining Corp.	1/8	20 114
1/12/72 Assigned to	Consolidated Gas Supply Corp.	1/8	10/20/2023
1/84 Assigned to	Consolidated Gas Transmission Corp.	1/8	



1) Date: \_\_\_\_\_, 19\_\_\_\_  
 2) Operator's Well No. 1633  
 3) API Well No. 47 State 003 County 1437 Permit

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION  
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas  /  
 B (If "Gas", Production  / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow  /)
- 5) LOCATION: Elevation: 2062 Watershed: Pond Fork  
 District: Crook County: Boone Quadrangle: Lorado
- 6) WELL OPERATOR CNG Development Company  
 Address c/o Paul W. Garrett, P.O. Box 15746  
Pittsburgh, PA 15244
- 7) DESIGNATED AGENT Gary Nicholas  
 Address Crosswind Corporate Park  
Rt. 2, Box 698, Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Jerry halcomb  
 Address Rural Rt. #1, Box 28  
Hamlin, WV 25523
- 9) DRILLING CONTRACTOR:  
 Name Sam Jack Drilling Company  
 Address P.O. Box 48  
Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate  /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_ /  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Berea
- 12) Estimated depth of completed well, 4108 feet
- 13) Approximate trata depths: Fresh, 555, 1408 feet; salt, \_\_\_\_\_ feet.
- 14) Approximate coal seam depths: 424, 776, 938 Is coal being mined in the area? Yes \_\_\_\_\_ / No \_\_\_\_\_
- 15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
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Coal									Sizes
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Production	4-1/2	J-55	10.5	<input checked="" type="checkbox"/>		4108	4108	200-400	Depths set
Tubing	1-1/2	CN-55	2.75	<input checked="" type="checkbox"/>					By Rule 15.01
Liners									Perforations:
									Top Bottom

DEPT. OF MINES, OIL & GAS DIVISION  
 MAY - 2 1985

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of the filing of the Application.

WAIVER

The undersigned coal operator  / owner \_\_\_\_\_ / lessee  / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: Apr 26, 19 85  
 By Michael W. Edley Jr.  
 Its Manager at Prosperities

10/20/2023  
 Coal Owner

RECEIVED  
JUL 29 1985

SITE REGISTRATION APPLICATION FORM  
STATE OF WEST VIRGINIA/NPDES GENERAL PERMIT FOR OIL AND GAS  
DRILLING PIT WASTE DISCHARGE

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

1. Company Name C.N.G. Development Company
2. Mailing Address Crosswind Corporate Park  
Rt. 2, Box 698 Bridgeport WV 26330  
street city state zip
3. Telephone (304)623-8840 4. Well Name C.N.G.D. #1633
5. Latitude 37°50'40" Longitude 81°38'17"
6. NPDES # WV0073343 7. Dept. Oil & Gas Permit NO. 47-005-1457
8. County Boone 9. Nearest Town Rocklick
10. Nearest Stream Pond Fork 11. Tributary of Coal River
12. Will Discharge be Contracted Out? yes X no \_\_\_\_\_
13. If Yes, Proposed Contractor Kolb Technical Services, Inc.  
Address P. O. Box 3855, Charleston, WV 25338  
Telephone (304)744-9555
14. Proposed Disposal Method: UIC \_\_\_\_\_ Land application X  
Off Site Disposal \_\_\_\_\_ Reuse X Centralized Treatment \_\_\_\_\_  
Thermal Evaporation X Other \_\_\_\_\_
15. Attach to this application a topographic map (a duplicate of the one submitted to the Office of Oil and Gas) showing the outline of the facility, location of wells, springs, rivers and other surface water bodies, and drinking water wells known to the applicant in the area of the lease that may be impacted by any land application.

Nothing in the general permit shall be deemed in any way to create new, or enlarge existing, rights of riparian owners or others. Neither does anything in the general permit create new, or enlarge existing, obligations or duties of an operator pursuant to the requirements of W. Va. Code S22-4-1 et seq. The issuance of the general permit does not convey any property rights of any sort. Nor shall the issuance of the general permit give rise to any presumptions of law or findings of fact inuring to or for the benefit of persons other than the State of West Virginia.

10/20/2023

By completing and submitting this application, I have reviewed, understand, and agree to the terms and conditions of the general permit issued on July 10, 1985. I understand that provisions of the permit are enforceable by law. Violations of any term and condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

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

COMPANY OFFICIAL SIGNATURE

*Greg A. Nikolai*

DATE 7-22-85

Please attached \$50.00 permit application fee required by Series III, Section 7, of the West Virginia Administrative regulations of the State Water Resources Board.

All spills or accidental discharges are required to be reported immediately to the Emergency Response Spill Alert System toll free telephone number 1-800-642-3074.

#### LANDOWNER ADMINISTRATIVE REVIEW RIGHTS

The conditions in the general NPDES permit for pit waste treatment and discharge have been developed so that they are applicable to general conditions found throughout the state. There may be particular sets of circumstances at specific sites that require modification of established procedures. You as a land owner, if you feel the site on your property requires such consideration for water quality/general permit compliance related matters, may request an administrative review of that site. If there are valid water quality concerns, the Division of Water Resources will address them by either not allowing the pit construction and subsequent discharge, or by altering the standard operating procedures to deal with the particular unique nature of this site. Such requests should be forwarded in writing to:

Chief, Division of Water Resources  
Department of Natural Resources  
1201 Greenbrier St.  
Charleston, West Virginia 25311.

To ensure prompt review of your site it is suggested that you also call the Field Operations Branch (348-2745) and verbally make the request.

10/20/2023

PS Form 3811, July 1983 447-845

**SENDER: Complete items 1, 2, 3 and 4.**  
Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- 1.  Show to whom, date and address of delivery.
- 2.  Restricted Delivery.

3. Article Addressed to:  
*Charleston Natronal Bank  
Trust Dept.  
PO Box 1113  
Charleston, WV 25234*

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail	<i>P153527356</i>

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee  
X

6. Signature - Agent  
X *B. Clark*

7. Date of Delivery  
**APR 29 1985**

8. Addressee's Address (ONLY if requested and fee paid)

*WGD 1633*

DOMESTIC RETURN RECEIPT

PS Form 3811, July 1983 447-845

**SENDER: Complete items 1, 2, 3 and 4.**  
Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- 1.  Show to whom, date and address of delivery.
- 2.  Restricted Delivery.

3. Article Addressed to:  
*Mr Michael D Eddy Jr  
Eastern Associated Coal Corp.  
One PPG Place  
Pittsburgh, PA 15222*

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail	<i>P682896104</i>

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee  
X

6. Signature - Agent  
X *B. G. Goble*

7. Date of Delivery  
*4-16-85*

8. Addressee's Address (ONLY if requested and fee paid)

*WGD 1633*

DOMESTIC RETURN RECEIPT

OIL & GAS DIVISION  
DEPT. OF MINES

MAY - 2 1985

RECEIVED

IV-35  
(Rev 8-81)

11 SEP 85 11:04

RECL. - CHAS.



Date August 12, 1985  
Operator's  
Well No. CNGD WN 1633  
Farm Charleston Nat'l Bank  
API No. 47 - 005 - 1457

State of West Virginia  
Department of Mines  
Oil and Gas Division

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil \_\_\_ / Gas X / Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
(If "Gas," Production X / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow X /)

LOCATION: Elevation: 2062 Watershed Pond Fork  
District: Crook County Boone Quadrangle Lorado

COMPANY CNG Development Company

ADDRESS P. O. Box 15746  
Pittsburgh, PA 15244

DESIGNATED AGENT Gary A. Nicholas

ADDRESS Rt. 2 Box 698  
Bridgeport, WV 26330

SURFACE OWNER Charleston Nat'l Bank

ADDRESS Trust Department, P. O. Box 1113  
Charleston, West Virginia 25234

MINERAL RIGHTS OWNER Charleston Nat'l Bank

ADDRESS Trust Department, P. O. Box 1113  
Charleston, West Virginia 25234

OIL AND GAS INSPECTOR FOR THIS WORK

Jerry Halcomb ADDRESS Rural Rt. 1 Box 28  
Hamlin, WV 25523

PERMIT ISSUED May 21, 1985

DRILLING COMMENCED July 4, 1985

DRILLING COMPLETED July 17, 1985

IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.	20	20	To surf.
13-10"	957	957	To surf.
9 5/8			
8 5/8	2210	2210	To surf.
7			
5 1/2			
4 1/2	4090	4090	200 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Weir Depth 4108 feet

Depth of completed well 4146 feet Rotary X / Cable Tools

Water strata depth: Fresh 1536 feet; Salt feet

Coal seam depths: 67 - 68 878 - 882 Is coal being mined in the area? No  
207 - 210 1351 - 1353

OPEN FLOW DATA

464 - 472  
707 - 708  
845 - 850

Producing formation Weir Pay zone depth 3792 - 3800 feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow 920 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 400 psig (surface measurement) after 14 hours shut in

(If applicable due to multiple completion--)

Second producing formation Pay zone depth 10/20/2023 feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

BOONE 1457

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

McCullough Perforated Weir 3792 - 3800; 12 holes; 3-1/8 Alpha Jets

Dowell Frac Weir with 15% HCL, Broke @ 1350#, used 70,000# of 20/40 Sand, 10 gal L-53, 20 gal U-42, 60 gal F-81, N<sub>2</sub> - 403,000 SCF, 24 gal F-75, 36 gal F-78, Avg. PSI 1350, Max Pres. 1450#, ISIP 700#, 15 min SIP 650#, Blowing thru 1/4" choke; Cleaning

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sub Base			0	8	Hole Damp @ 1536'
Surface & Dirt			8	11	
Sand			11	67	Coal Seams 67 - 68
Coal			67	68	
Sand			68	207	207 - 210
Coal			207	210	464 - 472
Sand & Shale			210	464	707 - 708
Coal			464	472	845 - 850
Sand & Shale			472	707	878 - 882
Coal			707	708	1351 - 1353
Sand & Shale			708	845	
Coal			845	850	
Sand & Shale			850	878	
Coal			878	882	
Sand & Shale			882	1351	
Coal			1351	1353	
Sand & Shale & RR			1353	2714	
Maxton Sand			2714	2738	
Sand & Shale			2738	2787	
Maxton Sand			2787	2890	
Sand & Shale			2890	2935	
Maxton Sand			2935	2975	
Sand & Shale			2975	3000	
Lower Maxton			3000	3094	
Sand & Shale			3094	3107	
Little Lime			3107	3179	
Sand & Shale			3179	3200	
Big Lime			3200	3519	
Injun			3519	3529	
Sand & Shale			3529	3784	
Weir			3784	3798	
Sand & Shale			3798	4004	
Berea			4004	4038	
Sand & Shale			4038	4146	

LOG TOPS

See Attached Sheet

(Attach separate sheets as necessary)

CNG DEVELOPMENT COMPANY  
Well Operator

By: *Gary A. Wheeler*

10/20/2023

Date: August 12, 1985

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

CNGD Well No. 1633  
Charleston National Bank  
Boone County, WV  
API No. 47-005-1457

LOG TOPS

<u>FORMATION</u>	<u>TOP FEET</u>	<u>BOTTOM FEET</u>
Avis Lime	2565	2600
U. Maxton	2715	2740
Maxton	2776	2891
L. Maxton	3004	3094
Little Lime	3108	3183
Big Lime	3196	3516
Weir	3788	3802
Berea	4007	4013

BOONE 1457

10/20/2023

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

RECEIVED  
JUL 16 1985

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES  
(KIND)

Permit No. 005-1454

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>CNC-DEV Co.</u>	Size			
<u>BRIDGEPORT WVA</u>	16			Kind of Packer
<u>CHAR. NAT BANK</u>	13			
<u>1633</u>	10			Size of
<u>CROOK</u> County <u>BROOKS</u>	8 1/4			
Drilling commenced	6 5/8			Depth set
Drilling completed	5 3/16			
Date shot	3			Perf. top
Initial open flow	2			Perf. bottom
Open flow after tubing	Liners Used			Perf. top
Volume				Perf. bottom
Rock pressure	CASING CEMENTED <u>11 3/4</u> SIZE <u>9 5/8</u> <sup>KB</sup> No. FT. <u>7-10-85</u> Date			
Oil	NAME OF SERVICE COMPANY <u>DOWELL</u>			
Fresh water	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names RAY RESOURCES Rig #14 ROTARY

Remarks: CEMENT W/ 500SK NEAT 144SK ON BOTTOM  
356 FROM SURFACE LOST CIR. BETWEEN 830 & 930'

7-10-85  
DATE

*[Signature]*  
10/20/2023  
DISTRICT WELL INSPECTOR



(5-21-85)

1R-26  
Obverse

### INSPECTOR'S PERMIT SUMMARY FORM

WELL TYPE GAS  
ELEVATION 1633  
DISTRICT CROOK  
QUADRANGLE LORADO  
COUNTY BOONE

API# 47-005 - 1457  
OPERATOR CNG  
TELEPHONE \_\_\_\_\_  
FARM SOUTHERN LAND  
WELL # 1633

SURFACE OWNER \_\_\_\_\_ COMMENTS \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
TARGET FORMATION \_\_\_\_\_ DATE APPLICATION RECEIVED \_\_\_\_\_  
DATE STARTED \_\_\_\_\_  
LOCATION \_\_\_\_\_ NOTIFIED \_\_\_\_\_ DRILLING COMMENCED 7-17-85

WATER DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
COAL DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

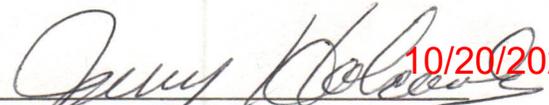
CASING  
Ran 957 feet of 11" "pipe on 7-19-85 with TO SURFACE fill up 500SK  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
TD \_\_\_\_\_ feet on \_\_\_\_\_

### PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: \_\_\_\_\_ Type \_\_\_\_\_  
Field analysis                      ph \_\_\_\_\_      fe \_\_\_\_\_      cl \_\_\_\_\_  
Well Record received \_\_\_\_\_

Date Released 5-14-86

  
Inspector's signature 10/20/2023

API# 47 \_\_\_\_\_ - \_\_\_\_\_

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

**RECEIVED**  
AUG 16 1985  
DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 005 - 01457																			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA	Category Code																		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	3,800 feet																			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	CNG Development Company Name One Park Ridge Center P. O. Box 15746		Seller Code																	
	Street Pittsburgh	PA	15244																	
	City	State	Zip Code																	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Crook District Field Name																			
	Boone	WV	State																	
(b) For OCS wells:	Area Name		Block Number																	
	Date of Lease:           Mo. Day Yr.		OCS Lease Number																	
(c) Name and identification number of this well: (35 letters and digits maximum.)	Charleston Nat'l Bank		CNGD #1633																	
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)																				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Undetermined Name Buyer Code																			
(b) Date of the contract:	 Mo. Day Yr.																			
(c) Estimated total annual production from the well:	34 Million Cubic Feet																			
		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]																
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	-----	-----	-----																
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	3.535	-----	-----																
9.0 Person responsible for this application:	<table style="width:100%; border: none;"> <tr> <td style="width:30%; border: none;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="text-align: center;">Agency Use Only</td></tr> <tr><td style="text-align: center;">Date Received by Juris. Agency AUG 16 1985</td></tr> <tr><td style="text-align: center;">Date Received by FERC</td></tr> </table> </td> <td style="width:40%; border: none;"> <table style="width:100%; border: none;"> <tr><td style="text-align: center;">R7 N. Metzler</td></tr> <tr><td style="text-align: center;">Name</td></tr> <tr><td style="text-align: center;"><i>R. N. Metzler</i></td></tr> <tr><td style="text-align: center;">Signature</td></tr> <tr><td style="text-align: center;">8/14/85</td></tr> <tr><td style="text-align: center;">Date Application is Completed</td></tr> </table> </td> <td style="width:30%; border: none;"> <table style="width:100%; border: none;"> <tr><td style="text-align: center;">Manager Reserves</td></tr> <tr><td style="text-align: center;">Title</td></tr> <tr><td style="text-align: center;">412-787-4092</td></tr> <tr><td style="text-align: center;">Phone Number</td></tr> </table> </td> </tr> </table>				<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="text-align: center;">Agency Use Only</td></tr> <tr><td style="text-align: center;">Date Received by Juris. Agency AUG 16 1985</td></tr> <tr><td style="text-align: center;">Date Received by FERC</td></tr> </table>	Agency Use Only	Date Received by Juris. Agency AUG 16 1985	Date Received by FERC	<table style="width:100%; border: none;"> <tr><td style="text-align: center;">R7 N. Metzler</td></tr> <tr><td style="text-align: center;">Name</td></tr> <tr><td style="text-align: center;"><i>R. N. Metzler</i></td></tr> <tr><td style="text-align: center;">Signature</td></tr> <tr><td style="text-align: center;">8/14/85</td></tr> <tr><td style="text-align: center;">Date Application is Completed</td></tr> </table>	R7 N. Metzler	Name	<i>R. N. Metzler</i>	Signature	8/14/85	Date Application is Completed	<table style="width:100%; border: none;"> <tr><td style="text-align: center;">Manager Reserves</td></tr> <tr><td style="text-align: center;">Title</td></tr> <tr><td style="text-align: center;">412-787-4092</td></tr> <tr><td style="text-align: center;">Phone Number</td></tr> </table>	Manager Reserves	Title	412-787-4092	Phone Number
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412-787-4092																				
Phone Number																				

FERC-121 (8-82)

10/20/2023

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

16104-32

AUG 30 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: August 14, 19 85 10110  
Applicant's Name: CNG Development Company  
Address: One Park Ridge Center  
P.O. Box 15746  
Pittsburgh, PA 15244  
Attn: Carl G. Mourovic  
Gas Purchaser Contract No. N/A  
Date of Contract N/A  
(Month, day and year)

AGENCY USE ONLY

WELL DETERMINATION FILE NUMBER

850816 -1030-005-1457

Use Above File Number on all  
Communications Relating to This Well

First Purchaser: undetermined P 629  
Address: \_\_\_\_\_  
(Street or P.O. Box)  
\_\_\_\_\_  
(City) (State) (Zip Code)

Designated Agent: Gary A. Nicholas  
CNG Development Company  
Address: Crosswind Corporate Park  
Route 2 Box 698  
Bridgeport, WV 26330

FERC Seller Code \_\_\_\_\_

FERC Buyer Code \_\_\_\_\_

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL  
BE ADDRESSED:

Name: Robert N. Metzler Manager of Reserves  
(Print) \_\_\_\_\_ (Title)  
Signature: [Signature]  
Address: One Park Ridge Center - P.O. Box 15746  
(Street or P.O. Box)  
Pittsburgh, PA 15244  
(City) (State) (Zip Code)  
Telephone: (412) 787-4092  
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

- 108 Stripper Well Natural Gas
- 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Buildu

- 103 New Onshore Production Well
- XX 103 New Onshore Production Well

- 107 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressured Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

AGENCY USE ONLY

QUALIFIED  
10/20/2023

RECEIVED  
AUG 16 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date Received

Determination Date

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

Date August 14, 1985  
Operator's  
Well No. CNGD #1633  
API Well No.  
47 - 005 - 01457  
State County Permit

WELL CLASSIFICATION FORM

NEW ONSHORE PRODUCTION WELL  
NGPA Section 103

DESIGNATED AGENT Gary A. Nicholas  
CNG Development Company  
ADDRESS Crosswind Corporate Park  
Route 2 Box 698  
Bridgeport, WV 26330

WELL OPERATOR CNG Development Company  
One Park Ridge Center  
ADDRESS P.O. Box 15746  
Pittsburgh, PA 15244

LOCATION: Elevation 2,062  
Watershed Pond Fork  
District Crook County Boone Quad. Lorado  
Gas Purchase Contract No. N/A  
Meter Chart Code N/A  
Date of Contract N/A

GAS PURCHASER undetermined  
ADDRESS \_\_\_\_\_

\* \* \* \* \*

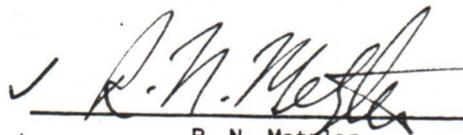
Date surface drilling was begun: July 4, 1985

Indicate the bottom hole pressure of the well and explain how this was calculated:

BHP = 439#  
BHP =  $P_{-1} + P_{-1}$  (e GL 53.34 T-1)

AFFIDAVIT

I, Robert N. Metzler, having been first sworn according to law, state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

  
\_\_\_\_\_  
R. N. Metzler  
Manager Reserves

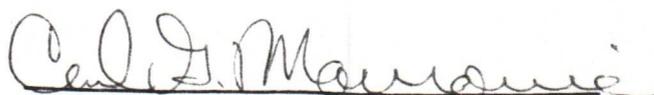
Pennsylvania  
STATE OF ~~WEST VIRGINIA~~  
COUNTY OF Allegheny, TO WIT:

I, Carl G. Mourovic, a Notary Public in and for the state and county aforesaid, do certify that R. N. Metzler, whose name is signed to the writing above, bearing date the 14th day of August, 19 85, has acknowledged the same before me, in my county aforesaid. **10/20/2023**

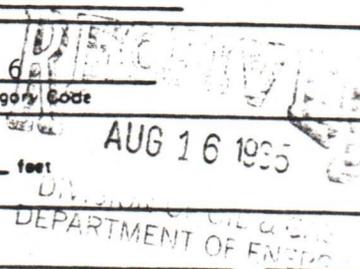
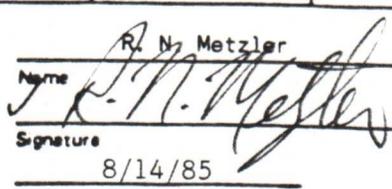
Given under my hand and official seal this 14th day of August, 19 85.

My term of office expires on the 19th day of December, 1985.

[NOTARIAL SEAL]

  
\_\_\_\_\_  
Notary Public  
CARL G. MOUROVIC, NOTARY PUBLIC  
PITTSBURGH, ALLEGHENY COUNTY, PA  
MY COMMISSION EXPIRES DECEMBER 19, 1983

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 005 - 01457 -			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 Section of NGPA	6 Category Code	 AUG 16 1985 DEPARTMENT OF ENERGY	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	3,800 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	CNG Development Company Name One Park Ridge Center P. O. Box 15746 Street City Pittsburgh PA 15244 State Zip Code			
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.) (b) For OCS wells:	Crook District Field Name Boone WV County State Area Name Block Number Date of Lease: Mo. Day Yr. OCS Lease Number			
(c) Name and identification number of this well: (35 letters and digits maximum.)	Charleston Nat'l Bank CNGD #1633			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	_____			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) (b) Date of the contract:	Undetermined Name Buyer Code Mo. Day Yr.			
(c) Estimated total annual production from the well:	34 Million Cubic Feet			
	(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	_____	_____	_____
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	6.048	_____	_____
9.0 Person responsible for this application:	R. N. Metzler Name Manager Reserves  Signature Title 8/14/85 Date Application is Completed Phone Number 412-787-4092			

Agency Use Only  
 Date Received by Juris. Agency  
**AUG 16 1985**  
 Date Received by FERC

FERC-121 (8-82)

10/20/2023

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: August 14, 19 85

10110

AGENCY USE ONLY

TF

WELL DETERMINATION FILE NUMBER

850816 - 1076-005 - 1457

Use Above File Number on all  
Communications Relating to This Well

Applicant's Name: CNG Development Company

Address: One Park Ridge Center  
P.O. Box 15746  
Pittsburgh, PA 15244  
Attn: Carl G. Mourovic

Gas Purchaser Contract No. N/A

Date of Contract N/A  
(Month, day and year)

First Purchaser: undetermined P 629

Address: \_\_\_\_\_  
(Street or P.O. Box)

(City) (State) (Zip Code)

FERC Seller Code \_\_\_\_\_

Designated Agent: Gary A. Nicholas

Address: CNG Development Company  
Crosswind Corporate Park  
Route 2 Box 698  
Bridgeport, WV 26330

FERC Buyer Code \_\_\_\_\_

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL  
BE ADDRESSED:

Name: Robert N. Metzler Manager of Reserves  
(Print) (Title)

Signature: [Signature]

Address: One Park Ridge Center - P.O. Box 15746  
(Street or P.O. Box)  
Pittsburgh, PA 15244  
(City) (State) (Zip Code)

Telephone: (412) 787-4092  
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

- 108 Stripper Well Natural Gas
- 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Build

- 103 New Onshore Production Well
- 103 New Onshore Production Well

- 107 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressured Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- XX 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

AGENCY USE ONLY

**QUALIFIED**

10/20/2023

RECEIVED  
AUG 16 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date Received

Determination Date

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

DATE August 14, 1985

WELL NO. CNGD #1633

API NO. 47 005 01457  
State County Permit

WELL CLASSIFICATION FORM

HIGH-COST GAS - NEW TIGHT FORMATION

NGPA SECTION 107

WELL OPERATOR CNG Development Company  
One Park Ridge Center  
Address P. O. Box 15746  
Pittsburgh, PA 15244  
Attn: Production Regulatory Coord.

Designated Agent Gary A. Nicholas  
CNG Development Company  
Address Crosswind Corporate Park  
Route 2, Box 698  
Bridgeport, WV 26330

Gas Purchaser Undetermined

Location: Elevation 2,062

Address

Watershed Pond Fork Quad. Lorado

District Crook County Boone

Gas Purchase Contract No.

Meter Chart Code

Date of Contract

\* \* \* \* \*

Date surface drilling began July 4, 1985

Indicate the bottom hole pressure of well and explain how this was calculated:

BHP = 439#  
BHP = P<sub>1</sub> + P<sub>1</sub> (e GL/53.34 T<sub>-1</sub>)

AFFIDAVIT

I, R. N. Metzler, having been first sworn according to law, state that surface drilling the the well for which this determination is sought was begun on or after July 16, 1979, the gas is being produced from a designated tight formation and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

*R. N. Metzler*  
R. N. Metzler  
Manager Reserves

STATE OF PENNSYLVANIA

COUNTY OF Allegheny, TO-WIT:

I, Carl G. Mourovic, a Notary Public in and for the state and county aforesaid, do certify that R. N. Metzler whose name is signed to the writing above, has acknowledged the same before me, in the county aforesaid.

Given under my hand this 14th day of August, 1985.

My commission expires: December 19, 1988

(NOTARIAL SEAL)

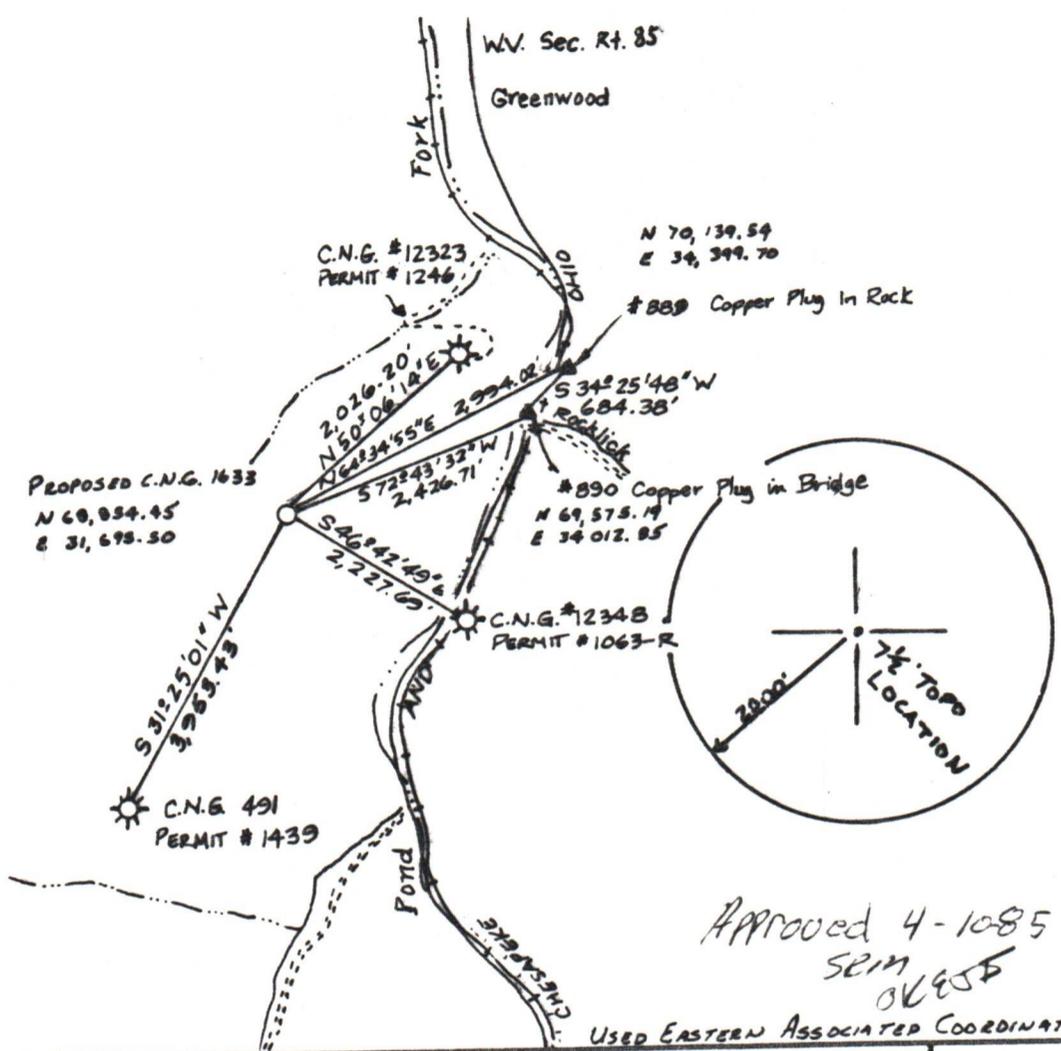
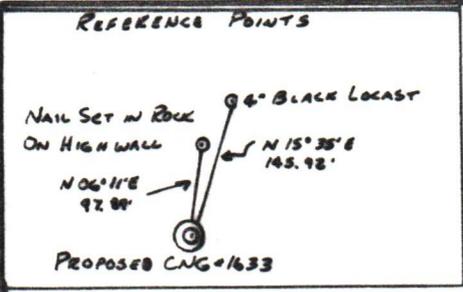
*Carl G. Mourovic*  
Notary Public

CARL G. MOUROVIC, NOTARY PUBLIC  
PITTSBURGH, ALLEGHENY COUNTY, PA  
MY COMMISSION EXPIRES DECEMBER 19, 1988

← (3520') →

LATITUDE 37°52'30"

LONGITUDE 81°37'30"



FILE NO. F.B. 1

DRAWING NO. 85006

SCALE 1" = 2000'

MINIMUM DEGREE OF ACCURACY 1/2500

PROVEN SOURCE OF ELEVATION U.S.G.S. B.M. Copper Plug in bridge-mouth Rock Lick EL. 1166

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) Thomas J. Kule  
R.P.E. 3698 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6  
(8-78)



Department of Mines  
Oil & Gas Division

DATE FEBRUARY 6, 19 85  
OPERATOR'S WELL NO. CNG #1633  
API WELL NO. \_\_\_\_\_  
47 - 005 - 1457  
STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
( IF "GAS", PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X )

LOCATION: ELEVATION 3061.6' WATER SHED POND FORK  
DISTRICT CROOK COUNTY BOONE  
QUADRANGLE LORADO 75'

SURFACE OWNER CHARLESTON NATIONAL BANK ACREAGE 23649.70 10/20/2023  
OIL & GAS ROYALTY OWNER CHARLESTON NATIONAL BANK LEASE ACREAGE 23,649.70  
LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_ ESTIMATED DEPTH 4108'

TARGET FORMATION WEIR

WELL OPERATOR CNG DEVELOPMENT CO. DESIGNATED AGENT GARY A. NICHOLAS

ADDRESS ONE PARK RIDGE CENTER ADDRESS CROSSWIND CORPORATE PARK  
PITTSBURGH, PA 15224 RT. 2 BOX 638 BRIDGEPORT, WVA. 26330  
412/429-2390 PHONE 304/623-8134

1) Date: April 24, 1985  
2) Operator's Well No. 1633  
3) API Well No. 47-005-1457  
State County Perm

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OFFICE OF OIL & GAS  
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Charleston National Bank  
Address Trust Department  
P.O. Box 1113

(ii) Name Charleston, WV 25234  
Address

(iii) Name  
Address

5(i) COAL OPERATOR

Address

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD

Name Charleston National Bank

Address P.O. Box 1113 Trust Dept

Charleston, WV 25234

Name

Address

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:

Name Mr. Michael D. Eddy, Jr.

Address Eastern Associated Coal Co

1 PPG Place

Pittsburgh, PA 15222

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes  No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Paul W. Garrett

this 24 day of April, 1985.

My commission expires 12/19, 1988.

Carl S. Maurone  
Notary Public, Allegheny County,  
State of Pennsylvania

WELL

OPERATOR CNG Development Company

By Paul W. Garrett

Its Manager, Well Programs

Address P.O. Box 15746

Pittsburgh, PA 15244

Telephone (412) 787-4090

DEPT. OF MINES  
OIL & GAS DIVISION

MAY - 2 1985

10/20/2023

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

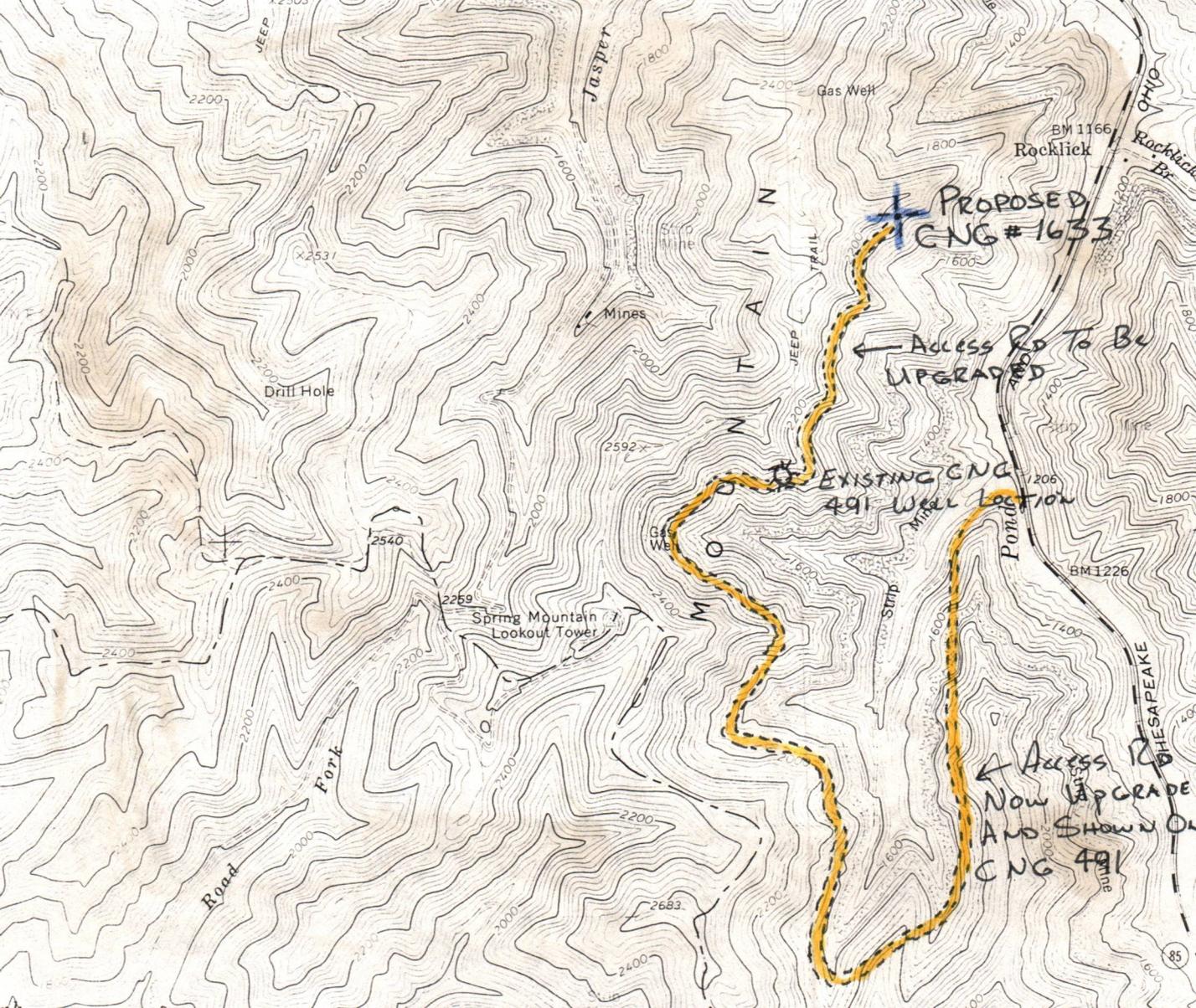
I N F O R M A T I O N S U P P L I E D U N D E R C O D E § 22-4-11(d)

I N L I E U O F F I L I N G L E A S E ( S ) A N D O T H E R C O N T I N U I N G C O N T R A C T ( S )

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>Page</u>
Charleston National Bank	Quaker State Oil Refining Corp.	1/8	20	114
1/12/72 Assigned to	Consolidated Gas Supply Corp.	1/8		
1/84 Assigned to	Consolidated Gas Transmission Corp.	1/8		



PROPOSED  
CNG #1633

← Access Rd To Be  
UPGRADED

EXISTING CNG  
491 Well Location

← Access Rd  
Now UPGRADE  
AND SHOWN ON  
CNG 491



IV-9  
(Rev 8-81)

DATE 2/11/85

WELL NO. C.N.G. # 1633

State of West Virginia API NO. 47 - 005 - 1457

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME C.N.G. Development Company DESIGNATED AGENT Gary A. Nicholas  
 Address 1 Park Ridge Center Address Crosswind Corporate Park  
Pittsburgh, PA 15244 Route 2, Box 698  
 Telephone 412/429-2390 Telephone 304/623-8134  
 LANDOWNER Charleston National Bank SOIL CONS. DISTRICT Guyan  
 Revegetation to be carried out by Gary A. Nicholas (Agent)

This plan has been reviewed by Guyan SCD. All corrections and additions become a part of this plan: 2-18-85

(Date)

[Signature]  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A) Structure Diversion Ditch (1)  
 Spacing Along Access Road Material Earthen  
 Page Ref. Manual \_\_\_\_\_ Page Ref. Manual 2:12 to 2:13

Structure Culvert (B) Structure \_\_\_\_\_ (2)  
 Spacing 12"Min.-42"Max. I.D. as shown on sketch Material Mulching  
 Page Ref. Manual 2:7 to 2:11 Page Ref. Manual 3:6 to 3:7

Structure Cross Drains (C) Structure Sediment Barrier (3)  
 Spacing As shown on sketch Material Hay Bales & Brush From Site  
 Page Ref. Manual 2:1 to 2:6 Page Ref. Manual 2.16 & 2.18

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

MAY - 2 1985

REVEGETATION

Treatment Area I  
 Lime 3.0 Tons/acre  
 or correct to pH 6.5  
 Fertilizer 600 lbs/acre  
 (10-20-20 or equivalent)  
 Mulch Hay or Straw 2.0 Tons/acre  
 Seed\* Ky. 31 Tall Fescue 45 lbs/acre  
Birdsfoot Trefoil 10 lbs/acre  
Rye Grass 10 lbs/acre

Treatment Area II  
 Lime 3.0 Tons/acre  
 or correct to pH 6.5  
 Fertilizer 600 lbs/acre  
 (10-20-20 or equivalent)  
 Mulch Hay or Straw 2.0 Tons/acre  
 Seed\* Ky. 31 Tall Fescue 45 lbs/acre  
Birdsfoot Trefoil 10 lbs/acre  
Rye Grass 10 lbs/acre

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY Olin Shockey 10/20/2023  
Shockey Surveying

NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ADDRESS 401 Peoples Building  
Charleston, WV 25301  
PHONE NO. 304-345-6631

