



1) Date: May 25, 1984
 2) Operator's Well No. CNGD 711
 3) API Well No. 47 - 049 - 0785
 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 /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1290.3 Watershed: Goose Creek
 District: Union County: Marion Quadrangle: Fairmont West
- 6) WELL OPERATOR CNG Development Company 7) DESIGNATED AGENT Mr. Gary Nicholas
 Address c/o Paul Garrett, PO Box 15746 Address Crosswind Corporate Park
Pittsburgh, PA 15244 Rt. 2, Box 698, Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Mr. Donald Ellis Name S. W. Jack Drilling Company
 Address P. O. Box 47 Address P O Box 48
Blemont, WV 26134 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, 4th Sand
- 12) Estimated depth of completed well, 3400 feet
- 13) Approximate strata depths: Fresh, 202, 316, 656, 951 feet; salt, _____ feet.
- 14) Approximate coal seam depths: 169-173, 251-255, Is coal being mined in the area? Yes
- 15) CASING AND TUBING PROGRAM 387-392, 520-524

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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	11-3/4	H-40	42	X		40	40	To surface	By Rule 15.05
Coal									Sizes
Intermediate	8-5/8	X-42	23	X		1050	1050	To surface	By Rule 15.05
Production	4-1/2	J-55	10.5	X		3400	3400	200-400 sks	Depths set
Tubing	1-1/2	CN-55	2.75	X					
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-049-0785 Date June 6, 1984

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 June 6, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>6</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>200.00</u> <u>90.00</u>
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[Signature]
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) WELL LOCATION: 8 (Oil, Gas, Production) _____
 Elevation: _____
 District: _____
 County: _____
 Watershed: _____
 Underground storage: _____
 Depth: _____
 Shallow: _____
 2) WELL OPERATOR: _____
 Address: _____
 3) DESIGNATED AGENT: _____
 Address: _____
 4) DRILLING CONTRACTOR: _____
 Name: _____
 Address: _____
 5) PROPOSED WELL WORK: _____
 Drill: _____
 Plug off old formation: _____
 Other physical change in well (specify): _____
 6) GEOLOGICAL TARGET FORMATION: _____
 Estimated depth of completed well: _____
 Approximate target depth: _____
 Approximate coal seam depth: _____
 Is coal being mined in the area? Yes/No: _____
 7) CASING AND TUBING PROGRAM: _____

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Casing or Tubing Type	Size	Depth	Recessions			Footage Interval	Cement Material	Packers
			Weight	Per ft.	Per ft.			
Conductor	11-3/4"	45'	X					
Intermediate	8-1/2"	28'	X					
Production	4-1/2"	125'	X					
Tubing	1-1/2"	210'	X					

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____

Bond:	Agent:	Permit:	Casing:	Top:
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08/25/2023



IV-9
(Rev 8-81)

DATE April 27, 1984

WELL NO. CNGD 711

State of West Virginia API NO. 47 - 049 - 0785

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME CNG Development Company
One Park Ridge Center
Address Pittsburgh, PA 15244
Telephone 412-429-2390
LANDOWNER D. Frazer et. al.

DESIGNATED AGENT Gary A. Nicholas
Crosswind Corporate Park
Address Bridgeport, WV 26330
Telephone 304-623-8134
SOIL CONS. DISTRICT Monongahela

Revegetation to be carried out by Gary A. Nicholas (Agent)

This plan has been reviewed by Monongahela SCD. All corrections and additions become a part of this plan:

5-5-84
(Date)
[Signature]
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Culvert (A)
Spacing 24" Steel Road
Page Ref. Manual 2-7 to 2-11
Structure Drainage Ditch (B)
Along access road
Spacing Inside road cuts
Page Ref. Manual 2-12 to 2-14
Structure Cross Drains (C)
Spacing As noted on sketch
Page Ref. Manual 2-1 to 2-6

Structure Diversion Ditch (1)
Material Earth
Page Ref. Manual 2-12 to 2-13
Structure _____ (2)
Material _____
Page Ref. Manual _____
Structure _____
Material _____
Page Ref. Manual _____

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DEPT. OF MINES

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.

REVEGETATION

Treatment Area I

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 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

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 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom 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 MSES Consultants 08/25/2023

ADDRESS 609 West Main Street
Clarksburg, WV 26301
PHONE NO. 304-624-9700, 842-3325

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

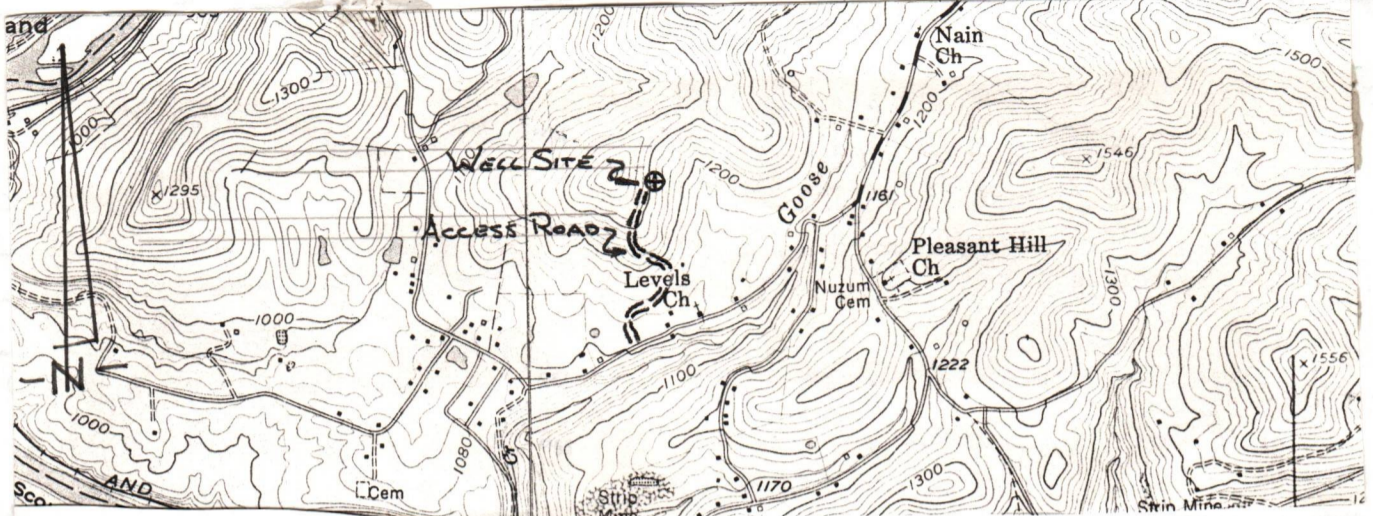
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE Fairmont East 7.5' (1976)

LEGEND

Well Site ⊕

Access Road ———



WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, well site, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary ———

Road = = = = =

Existing fence — x — x —

Planned fence — / — / —

Stream ~ ~ ~ ~ ~

Open ditch — ···· — ···· — ···· — ···· —

Diversion // // // // //

Spring ○ →

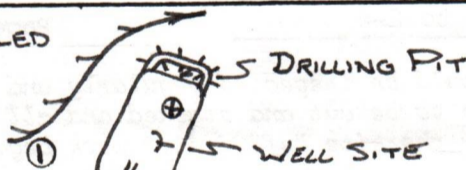
Wet spot ☼

Building ■

Drain pipe — ○ — ○ — ○ — ○ —

Waterway < = = = =

NOTE: TOPSOIL TO BE STOCKPILED FOR RECLAMATION WORK.



Access Road	SLOPE	CROSS DRAIN SPACING
1-200'	20%	AS NEEDED
2-150'	20%	AS NEEDED
3-220'	50%	135'
4-300'	100%	80'
5-200'	170%	45'
6-100'	100%	80'
7-225'	150%	60'
8-200'	130%	60'
1595' TOTAL ACCESS ROAD		

Comments: Access to the well site will be gained by constructing approximately 1595 feet of new access road, beginning at a junction point in the Marion County Route 88/1. The access road will be sloped 2-3% towards the

PROPOSED 24" CULVERT

open ditch. All outlets of drainage structures and ditches will be to stable areas. The well location will be located in a flat cleared area. All brush and timber will be removed from the area to be disturbed prior to any earth moving activities. The road and well site will be brought to desired grade with erosion control structures being installed in conjunction with the grading. Natural vegetation (filter strip) will remain undisturbed in areas between construction and natural water courses.

08/25/2023

1) Date: May 25, 1984
2) Operator's Well No. 711
3) API Well No. 47-049-0785
State County Permit

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 David and Nancy Frazer
Address Rt 4, Box 219
Fairmont, WV 26554
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR Southern Ohio Coal Company
Address P. O. Box 552
Fairmont, WV 26554
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD
Name Hillman Coal & Coke Company
Address 1900 Grant Building
Pittsburgh, PA 15219
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name Southern Ohio Coal Company
Address P. O. Box 552
Fairmont, WV 26554

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.

RECEIVED
MAY 23 1984

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.

OIL & GAS DIVISION
DEPT. OF MINES

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

WELL OPERATOR CNG Development Company
By Paul W. Garrett
Its Manager, Well Programs, Paul W. Garrett
Address P. O. Box 15746
Pittsburgh, PA 15244
Telephone 412-787-4090

this 25 day of May, 1984.
My commission expires 5/25, 1987.
Yvonne T. Green
Notary Public, Allegheny County,
State of Pennsylvania

YVONNE T. GREEN, NOTARY PUBLIC
PITTSBURGH, ALLEGHENY COUNTY, PA.
MY COMMISSION EXPIRES MAY 25, 1987

08/25/2023

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.

INFORMATION SUPPLIED UNDER CODE § 22-4-11 (d)

IN LIEU OF FILING LEASE (S) AND OTHER CONTINUING CONTRACT (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>
Helen M. Tucker	Consolidated Gas Supply Corporation	1/8	768	930



1) Date: May 25, 19 84
 2) Operator's Well No. CNGD 711
 3) API Well No. 47
 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: 1290.3 Watershed: Goose Creek
 District: Union County: Marion Quadrangle: Fairmont West
- 6) WELL OPERATOR CNG Development Company 7) DESIGNATED AGENT Mr. Gary Nicholas
 Address c/o Paul Garrett, PO Box 15746 Address Crosswind Corporate Park
Pittsburgh, PA 15244 Rt. 2, Box 698, Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Mr. Donald Ellis Name S. W. Jack Drilling Company
 Address P. O. Box 47 Address P O Box 48
Blenmont, WV 26134 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, 4th Sand
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 13) Approximate trata depths: Fresh, 202, 316, 656, 951 feet, salt, _____ feet.
 14) Approximate coal seam depths: 169-173, 251-255, 387-392, 520-524 Is coal being mined in the area? Yes _____ / No X /
- 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									
Coal	<u>11-3/4</u>	<u>H-40</u>	<u>42</u>	<u>X</u>		<u>40</u>	<u>40</u>	<u>To surface</u>	Sizes <u>by Rule 15.05</u>
Intermediate									
Production	<u>8-5/8</u>	<u>X-42</u>	<u>23</u>	<u>X</u>		<u>1050</u>	<u>1050</u>	<u>To surface</u>	Depths set <u>by Rule 15.05</u>
Tubing	<u>4-1/2</u>	<u>J-55</u>	<u>10.5</u>	<u>X</u>		<u>3400</u>	<u>3400</u>	<u>200-400 skt.</u>	
Liners	<u>1-1/2</u>	<u>CN-55</u>	<u>2.75</u>	<u>X</u>					Perforations: Top _____ Bottom _____

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: May 16, 19 84

By Southern Ohio Coal Co
John A. Riley
 Its Agent

08/25/2023
 Coal Owner



1) Date: May 25, 19 84
 2) Operator's Well No. CNGD 711
 3) API Well No. 47
 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 /)
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 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
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- 14) Approximate coal seam depths: 169-173, 251-255 Is coal being mined in the area? Yes _____ No X
- 15) CASING AND TUBING PROGRAM 387-392, 520-524

RECEIVED
 MAY 29 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
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Conductor									Kinds
Fresh water	<u>11-3/4</u>	<u>H-40</u>	<u>42</u>	<u>X</u>		<u>40</u>	<u>40</u>	<u>To surface</u>	<u>By Rule 15.05</u>
Coal									Sizes
Intermediate	<u>8-5/8</u>	<u>X-42</u>	<u>23</u>	<u>X</u>		<u>1050</u>	<u>1050</u>	<u>To surface</u>	<u>By Rule 15.05</u>
Production	<u>4-1/2</u>	<u>J-55</u>	<u>10.5</u>	<u>X</u>		<u>3400</u>	<u>3400</u>	<u>200-400 sks</u>	Depths set
Tubing	<u>1-1/2</u>	<u>CN-55</u>	<u>2.75</u>	<u>X</u>					
Liners									Perforations:
									Top Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____
 By _____
 Its _____ Date _____

David Frazer Date: 5/17/84
 (Signature)
Nancy Frazer Date: 5/17/84
 (Signature)

**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:
“(1) The proposed well work will constitute a hazard to the safety of persons; or
“(2) The plan for soil erosion and sediment control is not adequate or effective; or
“(3) Damage would occur to publicly owned lands or resources; or
“(4) The proposed well work fails to protect fresh water sources or supplies.”

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.



IV-35
(Rev 8-81)

RECEIVED

AUG 20 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date 7/23/84
Operator's
Well No. CNGD 711
Farm Tucker
API No. 47 - 049 - 0785

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 ___ / Underground Storage ___ / Deep ___ / Shallow X /)

LOCATION: Elevation: 1290.3 Watershed Goose Creek
District: Union County Marion Quadrangle Fairmont West

COMPANY CNG Development Company
ADDRESS P.O. Box 15746, Pittsburgh, PA 15275
DESIGNATED AGENT Gary A. Nicholas
ADDRESS Rt. 2 Box 698, Bridgeport, WV 26330
SURFACE OWNER David G. Frazer, et ux
ADDRESS Rt. 4 Box 219, Fairmont, WV 26554
MINERAL RIGHTS OWNER David G. Frazer, et al
ADDRESS Rt. 4 Box 219, Fairmont, WV 26554
OIL AND GAS INSPECTOR FOR THIS WORK
David Ellis ADDRESS P.O. Box 47
Blomont, WV 26134
PERMIT ISSUED 6/6/84
DRILLING COMMENCED 6/21/84
DRILLING COMPLETED 6/25/84

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1081	1081	To surf
7			
5 1/2			
4 1/2	2320	2320	275 sks
3			
2			
Liners used			

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

GEOLOGICAL TARGET FORMATION Balltown Depth 3500 feet
Depth of completed well 3405 feet Rotary X / Cable Tools _____
Water strata depth: Fresh 185 feet; Salt _____ feet
385' - 390'
Coal seam depths: 520' - 525' Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation 4th Sand Pay zone depth 2074 - 2086 feet
50' Sand 1630 - 1719 feet
Gas: Initial open flow - Mcf/d Oil: Initial open flow - Bbl/d
Final open flow 1185 Mcf/d Final open flow - Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure 350 psig (surface measurement) after 1 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth _____ 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)

Marion - 0785

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

McCullough Ran Corrlog & Perforated 4th Sand 2074 - 2086; 10 holes (.41)
 Halliburton Fractured 4th Sand; 50,000# 20/40 Sand, 500 gals 10% MOD 202 Acid + 1000 gals Enwar

McCullough Perforated 50' Sand 1630 - 1719; 12 holes (.41)
 Halliburton Fractured 50' Sand 41,000# 20/40 Sand, 500 gals 15% MOD 202 + 1000 gals Enwar

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Clay			0	10	Hole Wet @ 185'
Shale			10	48	Coal 385 - 390 Coal 520 - 525
Lime			48	60	
Sd & Sh			60	385	
Coal			385	390	
Sd & Sh			390	520	
Coal			520	525	
RR, Sd & Sh			525	1015	
Lime			1015	1030	
Big Lime			1030	1150	
Big Injun			1150	1263	
Sd & Sh			1263	3405	
See Attached Sheet for Log Tops					

(Attach separate sheets as necessary)

CNG Development Company

Well Operator

By: *Gary A. ...*

08/25/2023

Date: July 23, 1984

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 ... encountered in the drilling of a well."

CNGD Well No. 711
H. Tucker
Marion County, WV
API No. 47-049-0785

ELECTRIC LOG TOPS

<u>Formation</u>	<u>Top</u>	<u>Bottom</u>
Big Injun	1135	1227
Pocono	1242	1283
50'	1628	1735
30'	1744	1782
Gordon Stray/Gordon	1798	1929
4th	2028	2085
4th A	2100	2120
5th	2159	2207
Warren	2548	2577
Speechley	2848	2882
Balltown	2980	3210

RECEIVED
AUG 20 1984

OIL & GAS DIVISION
DEPT. OF MINES

08/25/2023

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

RECEIVED

JUL - 3 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 049-0785

Oil or Gas Well _____
(KIND)

Company ENGDEV

Address CLARKSBURG W.V.

Farm D. FRAZER

Well No. CNGD 711

District UNION County MARION

Drilling commenced 6-21-84

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8 5/8		<u>1081 FT</u>	
6 3/4			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 8 5/8 SIZE 1081 No. FT. 6-23-84 Date

NAME OF SERVICE COMPANY HALLIBURTON

COAL WAS ENCOUNTERED AT 385 FEET TO 390 FT ~~INCHES~~

520 FEET TO 525 FT ~~INCHES~~ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names SW Jack #12

Remarks: 255 lbs Cement 1 CENTRALIZER 1 GUIDE SHOE 1 BASKET @ 90'

Walg Dust 3 150ft

6-25-84
DATE

Randy R. Ellis
DISTRICT WELL INSPECTOR

08/25/2023

Form 26
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location			Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING				
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST		

Drillers' Names _____

Remarks: _____

_____ DATE I hereby certify I visited the above well on this date.

08/25/2023

DISTRICT WELL INSPECTOR

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

RECEIVED

AUG 28 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 049-0785

Oil or Gas Well _____
(KIND)

Company C.N.G DEVELOPMENT

Address PITTSBURG PA.

Farm D. FRAZER

Well No. 711

District UNION County MARION

Drilling commenced 6-21-84

Drilling completed 6-26-84 Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/4			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names SW Jack # 12

Remarks: Ch Reclamation Grading + Seeding done.

8-20-84
DATE

Randy R. Ellis
DISTRICT WELL INSPECTOR

08/25/2023

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location		Amount	Packer	Location		
CEMENT-THICKNESS	PLUGS USED AND DEPTH PLACED		LEAD	CONSTRUCTION-LOCATION	CASING AND TUBING		
	WOOD-SIZE				RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ DATE I hereby certify I visited the above well on this date.

08/25/2023

DISTRICT WELL INSPECTOR



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

RECEIVED
MAR 11 1985
OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
September 17, 1984

COMPANY CNG Development Company
P. O. Box 15746
Pittsburgh, Pennsylvania 15275

PERMIT NO 049-0785
FARM & WELL NO David G. Frazer #711
DIST. & COUNTY Union/Marion

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.04	Prepared before Drilling to Prevent Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.03	High-Pressure Drilling	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.01	Required Permits at Wellsite	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.03	Adequate Fresh Water Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.02	Adequate Coal Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.01	Adequate Production Casing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.04	Adequate Cement Strenght	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15.05	Cement Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.02	Maintained Access Roads	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.01	Necessary Equipment to Prevent Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.04	Reclaimed Drilling Pits	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.05	No Surface or Underground Pollution	<input checked="" type="checkbox"/>	<input type="checkbox"/>
23.07	Requirements for Production & Gathering Pipelines	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.01	Well Records on Site	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.02	Well Records Filed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.05	Identification Markings	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Donald B. Ellis
DATE 3-5-85

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. ...
Administrator-Oil & Gas Division

March 12, 1985

DATE

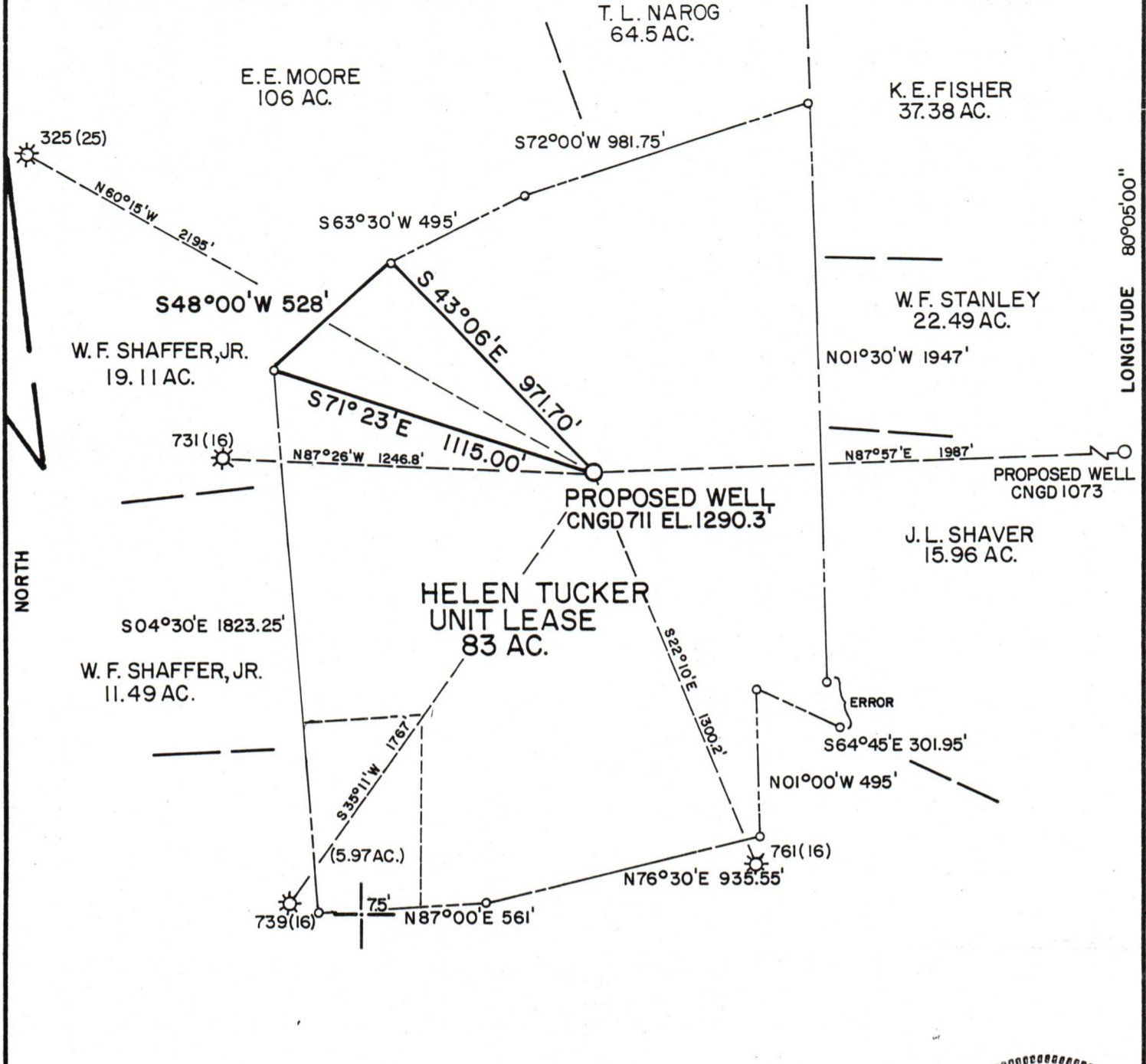
10,425'

REFERENCE TIE LINES
PROPOSED WELL TO 12" POP. N17°27'E (MAG.) 188.6'
PROPOSED WELL TO 18" BL. CHERRY N83°23'E (MAG.) 142.2'

LATITUDE 39°27'30"

LONGITUDE 80°05'00"

13,025'



FILE NO. MSES 84-384
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION RD. JCT RT. 88 & 88/1 EL. 1161

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) John S. Bailey
 R. P. E. _____ L. L. S. 652

JOHN S. BAILEY
 LICENSED
 No. 652
 STATE OF WEST VIRGINIA
 LAND SURVEYOR
 PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



Department of Mines
 Oil & Gas Division

DATE MAY 7, 19 84
 OPERATOR'S WELL NO. CNGD 711
 API WELL NO. 47-049-0785
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 1290.30' WATER SHED GOOSE CREEK
 DISTRICT UNION COUNTY MARION
 QUADRANGLE FAIRMONT EAST 7.5 (1976)
 SURFACE OWNER DAVID G. FRAZER ET. UX. ACREAGE 61.23
 OIL & GAS ROYALTY OWNER DAVID G. FRAZER ET. AL (HELEN TUCKER UNIT) LEASE ACREAGE 83
 LEASE NO. 84130 08/25/2023
 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 ___
 TARGET FORMATION BALLTOWN ESTIMATED DEPTH 3500'
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS
 ADDRESS ONE PARK RIDGE CENTER ADDRESS CROSSWIND CORPORATE PARK
PITTSBURGH, PA. 15244 BRIDGEPORT, W.V. 26330