



1) Date: May 1, 1985, 19__
 2) Operator's Well No. 1632
 3) API Well No. 47 -005-1458
 State County Permit

MAY 08 1985

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

- 4) WELL TYPE: A Oil / Gas X /
 B (If "Gas", Production / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 2750 2570 Watershed: Pond Fork
 District: Crook / County: Boone Quadrangle: Lorado 7.5 443
- 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 Co.
 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, Berea
- 12) Estimated depth of completed well, 4588 feet
- 13) Approximate trata depths: Fresh, 1536 feet; salt, feet.
- 14) Approximate coal seam depths: 537, 845, 1055 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		2900	2900	To Surface	By Rule 15.05
Production	4-1/2	J-55	10.5	X		4588	4588	200-400	Depths set
Tubing	1-1/2	CN-55	2.75	X					By Rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-005-1458 Date May 29 19 85

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 29, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>28</u>	<u>mt</u>	<u>mu</u>	<u>mu</u>	<u>8187</u>

Margaret J. Hass
 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) LOCATION: [Blank]

2) WELL OPERATOR: [Blank]

3) OFFEROR: [Blank]

4) PROPOSED WELL WORK: [Blank]

5) GEOLOGICAL TARGET FORMATION: [Blank]

6) CASING AND TUBING PROGRAM: [Blank]

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: _____

88	4m	0187
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APR 3 1985
jel

IV-9 MAY 08 1985
(Rev 8-81)

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

DATE April 01, 1985
WELL NO. CNGD #1632 Rev
API NO. 47 - 005 - 1458
Boran

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME CNG Development Co. DESIGNATED AGENT Gary A. Nicholas
Address One Park Ridge Center, Pittsburgh Address Rt. 2, Box 698 Bridgeport, WV
Telephone 412-429-2390 PA Telephone 304-623-8134
LANDOWNER Charleston Natl. Bank SOIL CONS. DISTRICT Guyan

Revegetation to be carried out by CNG Dev. Co. - Gary A. Nicholas (Agent)

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

4-5-85
(Date)

Reney R Stone
(SCD Agent)

ACCESS ROAD

LOCATION

Structure <u>Broad based dip</u>	(A)	Structure <u>None Needed</u>	(1)
Spacing <u>As shown</u>		Material _____	
Page Ref. Manual <u>2-3</u>		Page Ref. Manual _____	
Structure <u>Drainage Ditch</u>	(B)	Structure _____	(2)
Spacing <u>On upper road cuts</u>		Material _____	
Page Ref. Manual <u>2-12</u>		Page Ref. Manual _____	
Structure <u>Cross Drain</u>	(C)	Structure _____	(3)
Spacing <u>3%-211' to 20%-45'</u>		Material _____	
Page Ref. Manual <u>2-1</u>		Page Ref. Manual _____	

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

Lime According to pH test Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or Straw 2 Tons/acre
Seed* KY 31 Fescue 35 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Rye 10 lbs/acre

Treatment Area II

Lime According to pH test Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or Straw 2 Tons/acre
Seed* KY 31 Fescue 35 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Rye 10 lbs/acre

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

10/20/2023

PLAN PREPARED BY LAND SURVEYING SERVICES

ADDRESS 1412 N. 18th St.

Clarksburg, WV 26301

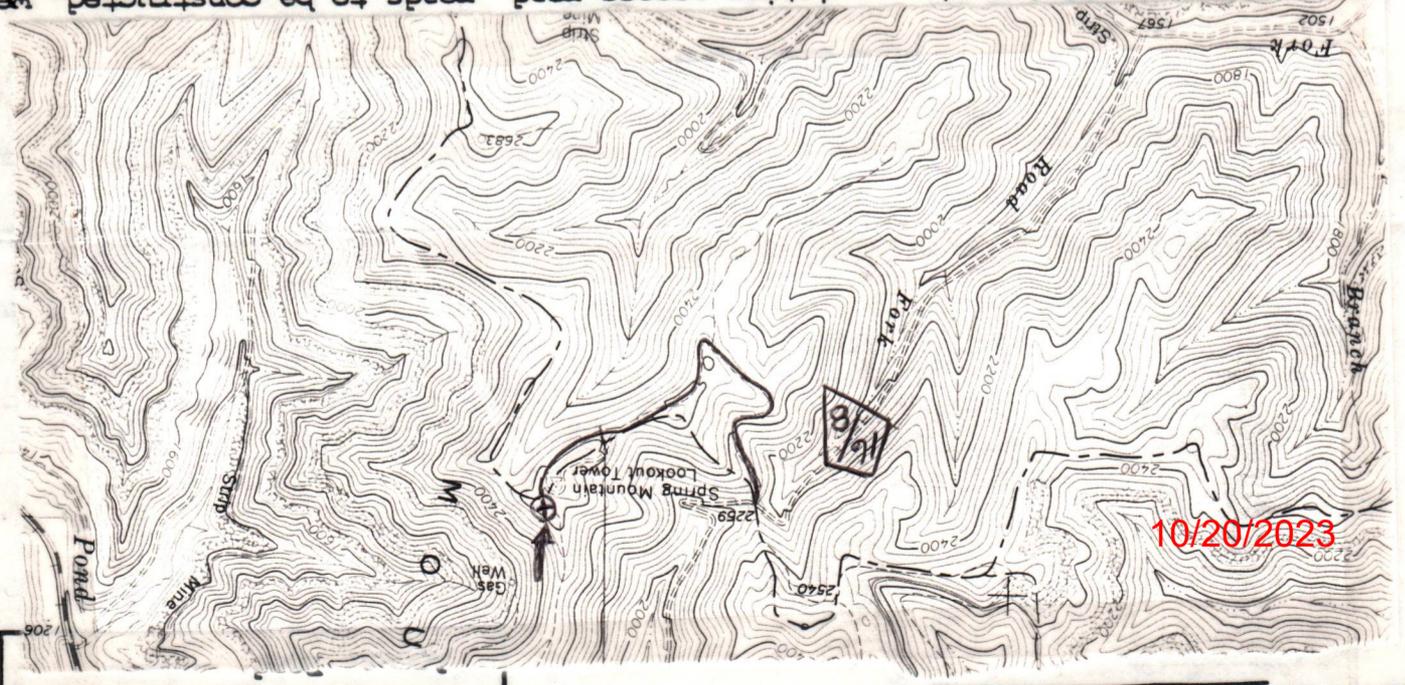
PHONE NO. 304-623-1214

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

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Torado 7.5 min.

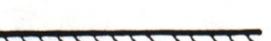
Well site 
 LEGEND

10/20/2023

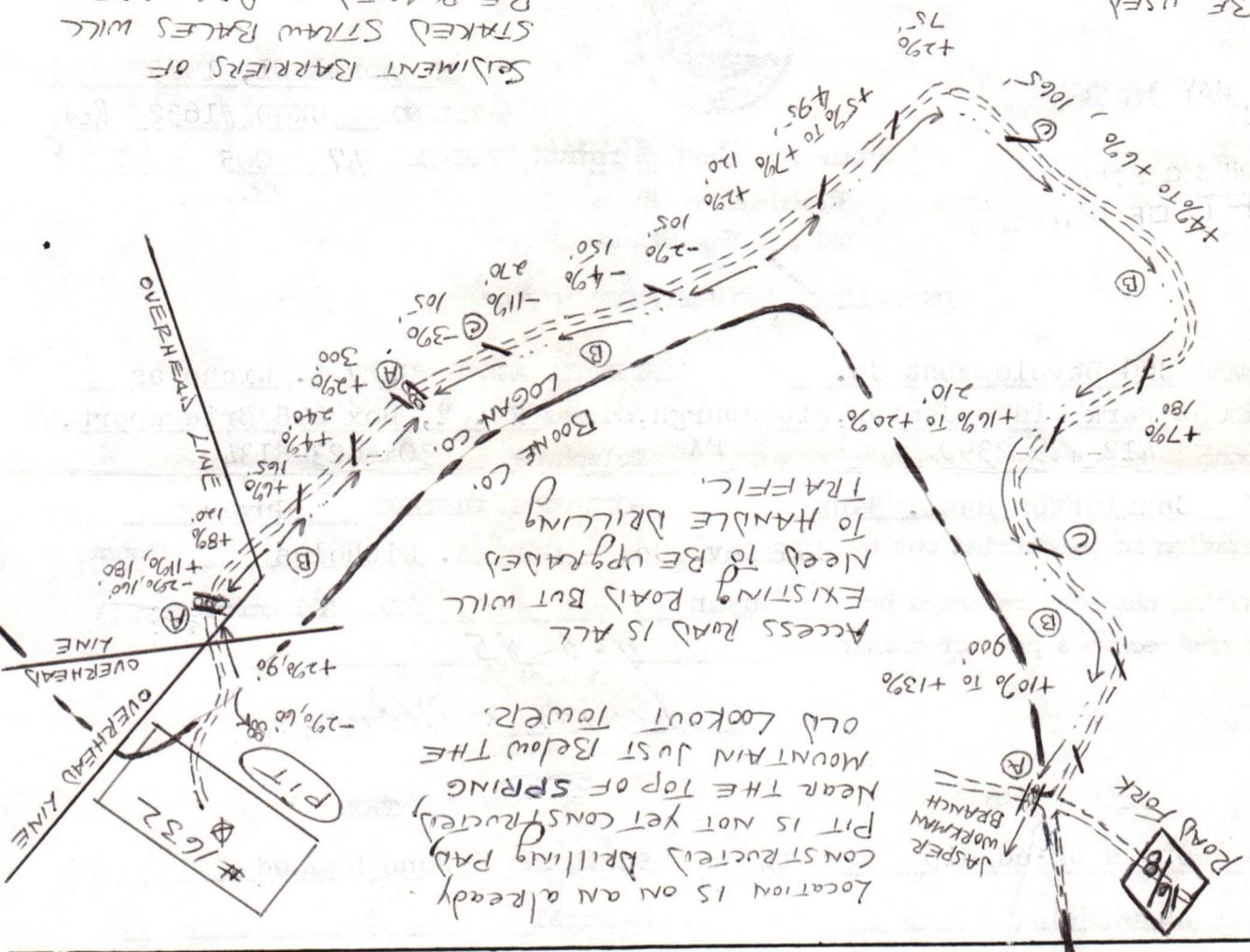


Sketch to include well location, existing access road, roads to be constructed, well sites, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

- LEGEND
-  Property boundary
 -  Road
 -  Existing fence
 -  Planned fence
 -  Stream
 -  Open ditch

-  Diversion
-  Spring
-  Wet spot
-  Building
-  Drain pipe
-  Waterway

Location is on an already constructed drilling pad, PIT is not yet constructed, near the top of spring mountain just below the old lookout tower. Access road is all existing roads but will need to be upgraded to handle drilling traffic.



Rock will be used on road where necessary

Sediment barriers of staked straw bales will be placed in drainage ditches where needed.

1) Date: April 24, 19 85
2) Operator's Well No. 1632
3) API Well No. 47-005-1458
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 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 Eastern Associated Coal Corp.
Address c/o Mr. Michael D. Eddy, Jr.
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 in 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.

RECEIVED
MAY 08 1985
OIL & GAS DIVISION
DEPT. OF MINES

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, 19 85.
My commission expires 12/19, 19 88.

Carl J. 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

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.

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>
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		

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
Crosswind Corporate Park
2. Mailing Address Rt. 2, Box 698 Bridgeport WV 26330
street city state zip
3. Telephone (304)623-8840 4. Well Name C.N.G.D. #1632
5. Latitude 37°49'51" Longitude 81°39'
6. NPDES # WV0073343 7. Dept. Oil & Gas Permit NO. 47-005-1458
8. County Boone 9. Nearest Town Rocklick
10. Nearest Stream Unnamed tributary of 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

Gay A. Miller

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 447-945

1637

CNCD

DOMESTIC RETURN RECEIPT

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 National Bank
Trust Department
P.O. Box 1113
Charleston, WV 25334*

4. Type of Service:

- Registered
- Certified
- Express Mail
- Insured
- COD

Article Number

P041 037 576

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

5. Signature - Addressee

X

6. Signature - Agent

X

7. Date of Delivery

MAY 03 1985

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

PS Form 3811, July 1983 447-945

1637

CNCD

DOMESTIC RETURN RECEIPT

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:

*Eastern Associated Coal
C/o Mr. Michael N. Eddy
One PPG Place
Pittsburgh, Pa 15222*

4. Type of Service:

- Registered
- Certified
- Express Mail
- Insured
- COD

Article Number

P103 537 394

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

5. Signature - Addressee

X

6. Signature - Agent

X *B. L. O'Leary*

7. Date of Delivery

5-2-85 *(Signature)*

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

RECEIVED
MAY 08 1985

OIL & GAS DIVISION
DEPT. OF MINES

IV-35
(Rev 8-81)

11 SEP 85 11:03

REC'D. - CHAS.



State of West Virginia
Department of Mines
Oil and Gas Division

Date July 17, 1985
Operator's
Well No. CNGD WN 1632
Farm Charleston Nat'l Bank
API No. 47 - 005 - 1458

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: 2750 Watershed Pond Fork
District: Crook County Boone Quadrangle Lorado 7.5

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, WV 25325
MINERAL RIGHTS OWNER Charleston Nat'l Bank
ADDRESS Trust Department, P. O. Box 1113
Charleston, WV 25325
OIL AND GAS INSPECTOR FOR THIS WORK
Jerry Halcomb ADDRESS Rt. 1 Box 28
Hamlin, WV 25523
PERMIT ISSUED May 29, 1985
DRILLING COMMENCED June 3, 1985
DRILLING COMPLETED June 18, 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 <u>20-16'</u> Cond.	19	19	To Surf
<u>11-3/4"</u> <u>13-10"</u>	1102	1102	To Surf
<u>9 5/8</u>			
<u>8 5/8</u>	2902	2902	To Surf.
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>	4542	4542	200 sks
<u>3</u>			
<u>2</u>			
Liners used			

GEOLOGICAL TARGET FORMATION Weir Depth 4588 feet
Depth of completed well 2930 457 feet Rotary x / Cable Tools _____
Water strata depth: Fresh 111 feet; Salt _____ feet
Coal seam depths: 127 - 128
523 - 528 Is coal being mined in the area? No
OPEN FLOW DATA 709 - 711
775 - 780
1219 - 1223
1675 - 1676
Producing formation Berea Pay zone depth 4345 - 48 feet
Big Lime 3807 - 20 feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 628 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 520 psig (surface measurement) after 1 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 1458

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

Gearhart Perforated Berea - 4345-48, 8 holes, Select Fire
 Big Lime - 3807-10, 6 holes
 3818-20, 4 holes, Hollow Carrier

Dowell pumped 500 gal 15% HCL, followed immediately by pad then sand, Broke at 600# - increased to 1200# @ 3#/gal, 20 BPM hydraulic line broke on blender, had to shut down. Put away 45,000# 20/40 Sand, J-266-450g., U-42-30g., M-17-17g., L-53-40g., F-75-40g. Dowell Frac Big Lime - Pumped 500 gal 15% HCL, 2200 gal Gel Acid, 500 gal 15% HCL, Dropped 6 balls, 2000 gals Gel Acid, Pumped 6l BBL Flush - Ran 180,000 N2 thru job, Max Tr.Pres. 2800#, Avg 2450, Immed. Shut In 1800#, 15 min Shut In 1600#, Avg 4 BPM thru job - HCL 15% - 500 gal, J-425 - 60 gal, J-144 - 6 gal, HCL 28% - 2000 gal, F-78 - 8 gal, A-250 - 6 gals, U-42 - 15 gal.

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	10	1/4" stream @ 111'
Sand			10	127	
Coal			127	128	Coal 127 - 128
Sand & Shale			128	523	523 - 528
Coal			523	528	709 - 711
Sand			528	709	775 - 780
Coal			709	711	
Sand & Shale			711	775	Open Mine 989 - 995
Coal & Shale			775	780	Coal 1219 - 1223
Sand & Shale			780	989	1675 - 1676
Open Mine			989	995	
Sand & Shale			995	1219	
Coal			1219	1223	
Sand & Shale			1223	1675	
Coal			1675	1676	
Sand & Shale			1676	3560	
Little Lime			3560	3677	
Lime			3677	4025	
Injun			4025	4709	
<u>LOG TOPS</u>					
Avis Lime			3112	3148	
U. Maxton			3262	3291	
Maxton			3325	3411	
L. Maxton			3562	3655	
L. Lime			3663	3733	
B. Lime			3748	4037	
Weir			4337	4350	
Berea			4561	4571	

(Attach separate sheets as necessary)

CNG DEVELOPMENT COMPANY

Well Operator

By: *Greg A. Miller*

10/20/2023

Date: July 17, 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."

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

RECEIVED
JUN 19 1985

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 005-1458

Oil or Gas Well _____
(KIND)

Company <u>CNG DEU Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>BRIDGEPORT WVA</u>	Size			
Farm <u>CHARLESTON NAT BANK</u>	16			Kind of Packer _____
Well No. <u>1632</u>	13			Size of _____
District <u>CROOK</u> County <u>BOONE</u>	10			Depth set _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Perf. top _____
Date shot _____ Depth of shot _____	5 3/16			Perf. bottom _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			
Rock pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.				
Fresh water _____ feet _____ feet				
Salt water _____ feet _____ feet				

CASING CEMENTED 11 3/4 SIZE 1102 No. FT. 6-10-85 Date

NAME OF SERVICE COMPANY HALLIBURTON DOWELL

COAL WAS ENCOUNTERED AT 127 FEET 128 INCHES

528 FEET 523 INCHES 709 FEET 711 INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names RAY RESOURCES' RIG #14

Remarks: OPEN MINE @ 989-995 PUMP 50SK ON BOTTOM & PUMP 200SK DOWN BACK SIDE & SHUT DOWN FOR 1HR PUMPED INTO BACK SIDE & FILLED TO SURFACE - BASKET @ APPROX 900'

6-10-85
DATE

[Signature]
10/26/2023
DISTRICT WELL INSPECTOR

(5-29-85)

✓ IR-26
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

WELL TYPE GAS
ELEVATION 1632
DISTRICT CROOK
QUADRANGLE LORADO
COUNTY BOONE

API# 47-005 - 1458
OPERATOR CNG
TELEPHONE _____
FARM SOUTHERN LAND
WELL # 1632

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____
DATE STARTED _____
LOCATION _____ NOTIFIED _____ DRILLING COMMENCED _____

WATER DEPTHS _____, _____, _____, _____
COAL DEPTHS 709-711, 523-528, 128-127

CASING

Ran 1102 feet of 1 1/4 "pipe on 6-10-85 with To SURFACE fill up
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 4709 feet on 6-18-85

PLUGGING

Type	From	To	Pipe Removed

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

Date Released 5-14-86

Jerry Holcomb 10/20/2023
Inspector's signature

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)**

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 005 - 01458 -			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA	Category	RECEIVED	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4.348 feet		JUL 24 1985	
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		OIL & GAS DIV. DEPT. OF MINES <small>Seller Code</small>	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) (b) For OCS wells.	Pittsburgh City	PA State	15244 Zip Code	
(c) Name and identification number of this well: (35 letters and digits maximum.)	Crook District Field Name		Boone County	
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	WV State		Area Name _____ Block Number _____	
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		Date of Lease: Mo. Day Yr. _____ OCS Lease Number _____	
(c) Estimated total annual production from the well:	23		Million Cubic Feet	
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	3.520	_____	_____
9.0 Person responsible for this application:	R. N. Metzler Name _____ Title Manager Reserves Signature _____ 7/19/85 Date Application is Completed			
Agency Use Only Date Received by Juris. Agency Date Received by FERC	_____ Phone Number 412-787-4092			

FERC-121 (8-82)

10/20/2023

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: July 19, 19 85

10110

AGENCY USE ONLY

Applicant's Name: CNG Development Company
Address: One Park Ridge Center
P.O. Box 15746
Pittsburgh, PA 15244
Attn: Carl G. Mourovic

WELL DETERMINATION FILE NUMBER
850724 -1030-005-1458
Use Above File Number on all
Communications Relating to This Well

Gas Purchaser Contract No. N/A

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

First Purchaser: undetermined P 629

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

Address: (Street or P.O. Box)
(City) (State) (Zip Code)

FERC Buyer Code

FERC Seller Code

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

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

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
- 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

RECEIVED

QUALIFIED 10/20/2023

JUL 24 1985

OIL & GAS DIV.
DEPT. OF MINES

Date Received

Determination Date

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

Date July 19, 1985
Operator's
Well No. #1632
API Well No.
47 - 005 - 01458
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 2750'
Watershed Pond Fork

GAS PURCHASER undetermined
ADDRESS _____

District Crook County Boone Quad Lorado

Gas Purchase Contract No. N/A

Meter Chart Code N/A

Date of Contract N/A

* * * * *

Date surface drilling was begun: 6/3/85

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

BHP = 578#

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
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 19th day of July, 19 85, has acknowledged the same before me, in my county aforesaid. **10/20/2023**

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

My term of office expires on the 19th day of December, 19 88.

[NOTARIAL SEAL]

Carl G. Mourovic
Notary Public



Date: Jan. 9, 1986

Well No: ~~XXXXXX~~ 1632

API NO: 47 - 005-1458

State County Permit

RECEIVED
JAN 13 1986

**DIVISION OF OIL & GAS
DEPT. OF ENERGY**

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS
NOTICE OF VIOLATION

Well TYPE: Oil ___ / Gas X Liquid Injection ___ / Waste Disposal ___ /
Of "Gas" - Production X / Storage ___ / Deep ___ / Shallow X /

10110

LOCATION: Elevation: 2750 Watershed: Pond Fork
District: Crook County: Boone Quadrangle: Lorado

WELL OPERATOR CNG Development DESIGNATED AGENT Gary Nicholas
~~Crosswind corp. Pk.~~
Address c/o Paul Garrett, P. O. Box 15746 Address Rt. 2, Box 698
Pittsburgh, PA 15244 Bridgeport, WV 26330

The above well is being posted this 9th day of Jan., 1986, for a violation of Code 22B-130 and/or Regulation _____, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Within 6 months after completion of the drilling process operator shall fill all pits and reclaim the land surface.

Failure to reclaim land surface.

(To abate) Reclaim location.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until 1-24, 1986, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22B, Article 1.


Oil and Gas Inspector

Address Rt. 2, Box 159, Hwy. 34
Hamlin, WV 25523

Telephone: 824-5963

RECEIVED
JAN 12 1988

DEPT. OF ENERGY
DIVISION OF OIL & GAS



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS
NOTICE OF VIOLATION

Date: Jan. 27, 1988
Well No: 1833X 1632
APL No: A-002-1458
State: County: Permit:

Well Type: Oil Gas Fluid Injection Waste Disposal
of "Gas" - Production Storage Deep Shallow
LOCATION: Elevation: 2780 Watershed: Pond Fork
District: CRONK County: Boone
Quadrangle: Torneo

WELL OPERATOR: GNC Development
DESIGNATED AGENT: Gary Nicholas
Address: Rt. 2, Box 698
Pittsburgh, PA 15214
Bridgeport, WV 26330
Goswain Corp. TK.

The above well is being posted this 27th day of Jan. 1988.
Violation of Code 22B-1-30 and/or Regulation 22B-1-30, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Within 6 months after completion of the drilling process operators shall fill all pits and reclaim the land surface.

Failure to reclaim land surface.

(To state) Reclaim location.

A copy of this notice has been posted at the well site and sent by certified registered mail to the indicated well operator or his designated agent. You are hereby granted until 1-24-88 to abate this violation. Failure to abate the violation may result in action by the department under Code 22B, Article 1.

[Signature]
Oil and Gas Inspector

Address: Rt. 2, Box 159, Hwy. 30

Hamlin, WV 25523

Telephone: 811-2263

Date: 3-3-86
Operator: 1032
Well Number: 002
APL Well No: 1428
State: West Virginia
County: Boone

RECEIVED
DEPARTMENT OF MINES, OIL AND GAS

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

NOTICE OF ABATEMENT

MAR 11 1986

WELL TYPE: Oil
Gas: X
Liquid Injection
Waste Disposal
Underground
Stonage
Deep
Shallow
LOCATION: Elevation: 2750
District: Greek
WELL OPERATOR: CNE Development
Address: Box 1574
Martinsburg, W. Va. 26154
DESIGNATED AGENT: Gary Mackas
Address: 22 Brookside
Martinsburg, W. Va. 26154
3630

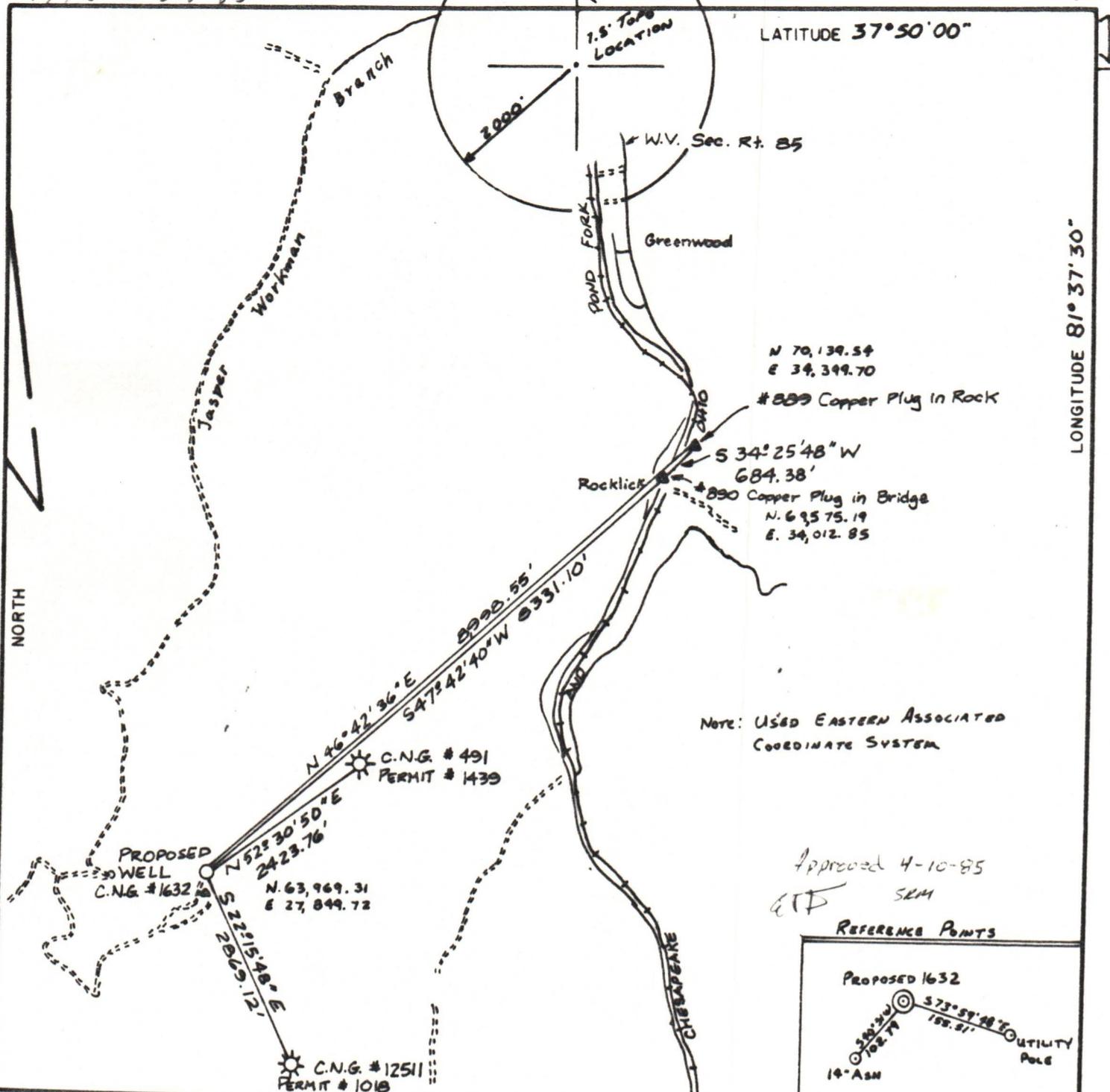
It is hereby notified that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 3-3-86. The violation of Code 20-2-20 heretofore found to exist on 1-7-86 by Form IV-27, "Notice of Abatement", Form IV-28, "Imminent Danger Order", of that date has been totally abated. If the abated violation was found by an Imminent Danger Order reducing operations to cases, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

A copy of this notice has been pasted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

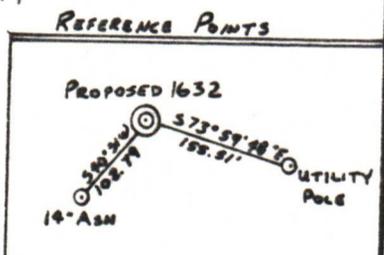
Oil and Gas Inspector: Gary Mackas
Address: 22 Brookside
Martinsburg, W. Va. 26154
Telephone: 854-993

777 5-28-85



NOTE: USED EASTERN ASSOCIATED COORDINATE SYSTEM

Approved 4-10-85
ETD SEM



FILE NO. F.B. 1
 DRAWING NO. 85005
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION U.S.G.S. 8M. Copper Plug in bridge - Mouth Rock Lick.

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, 1985
 OPERATOR'S WELL NO. CNG #1632
 API WELL NO. 47-005-1458
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___)
 LOCATION: ELEVATION 2570.1 WATER SHED POND FORK
 DISTRICT CROOK COUNTY BOONE
 QUADRANGLE LORADO 7.5'
 SURFACE OWNER CHARLESTON NATIONAL BANK ACREAGE 23,649.70
 OIL & GAS ROYALTY OWNER CHARLESTON NATIONAL BANK LEASE NO. 80,210 LEASE ACREAGE 23,649.70
 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 WEIR ESTIMATED DEPTH 4588'
 WELL OPERATOR CNG DEVELOPMENT CO. DESIGNATED AGENT GARY NICHOLAS
 ADDRESS ONE PARK RIDGE CENTER PITTSBURG, PA. 15244 ADDRESS CROSSWIND CORPORATE PARK R#3 BOX 698 BRIDGEPORT, W.Va. 26330
412/429-2390 PHONE: 304/623-8134

Charleston, WV