FORM WW-2(B) **FILE COPY**
(Obverse)
7/85

RECEIVED
OCT 29 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: October 23, 19 85
2) Operator's Well No. 2135
3) API Well No. 47 -041-3678
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, 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: 1147 Watershed: Leading Creek
District: Freemans Creek 3 County: Lewis Quadrangle: Camden 276

6) WELL OPERATOR CNG Development Co CODE: 10110
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 Stephen Casey
Address Rt. 2, Box 232D
Jane Lew, WV 26378

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, Balltown
12) Estimated depth of completed well, 3700 feet
13) Approximate trata depths: Fresh, 25,528,805 feet; salt, ____ feet.
14) Approximate coal seam depths: 800 Is coal being mined in the area? Yes ____/ No - /

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
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		1000	1000	To Surface	By Rule 15.05
Production	4-1/2	J-55	10.5	x		3700	3700	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 47-041-3678 December 12 1985
Date

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 December 12, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee	WPCP	S&E	Other
	PB	MU	MU	11568	MU	MU	

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

Director, Division of Oil and Gas

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

FORM WW-2(B) **FILE COPY**
Reverse

OFFICE USE ONLY

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

OFFICE USE ONLY

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

	Date	Date(s)
Application received		Follow-up inspection(s)
Well work started		,, ,,
Completion of the drilling process		,, ,,
Well Record received		,, ,,
Reclamation completed		,, ,,

OTHER INSPECTIONS

Reason: _____

Reason: _____

File

12/08/2023

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OCT 29 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

IV-9
(Rev 8-81)

Rec'd. (WFSCD)
AUG 16 1985
12/08/2023

State of West Virginia
Department of Mines
Oil and Gas Division

DATE August 15, 1985
WELL NO. #2135
API NO. 47 - 041 - 3678

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME CNG Development Company
Address 1 Park Ridge Center, Pittsburgh PA
Telephone 412-429-2390

DESIGNATED AGENT Gary A. Nicholas
Address Rt. 2, Box 698, Bridgeport, WV
Telephone 304-623-8134

LANDOWNER Robert C. Pope
SOIL CONS. DISTRICT West Fork

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

This plan has been reviewed by West Fork SCD. All corrections and additions become a part of this plan: 8/20/85 (Date)

Kenneth E Knight (SCD Agent) ON SITE REVIEW 8/16/85

ACCESS ROAD

Structure Cross Drain with riprapped outlet (A)
Spacing 7%-113' to 20%-45'
Page Ref. Manual 2-1

Structure Drainage Ditch with riprapped outlet (B)
Spacing On upper road cuts
Page Ref. Manual 2-12

Structure (C)
Spacing
Page Ref. Manual

LOCATION

Structure Diversion Ditch with riprapped outlet (1)
Material Earthen
Page Ref. Manual 2-12

Structure (2)
Material
Page Ref. Manual

Structure (3)
Material
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* Orchardgrass 10 lbs/acre
Red Clover 12 lbs/acre
Alsike Clover 4 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* Orchardgrass 10 lbs/acre
Red Clover 12 lbs/acre
Alsike Clover 4 lbs/acre

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

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 seedling for one growing season. Attach separate sheets as necessary for comments.

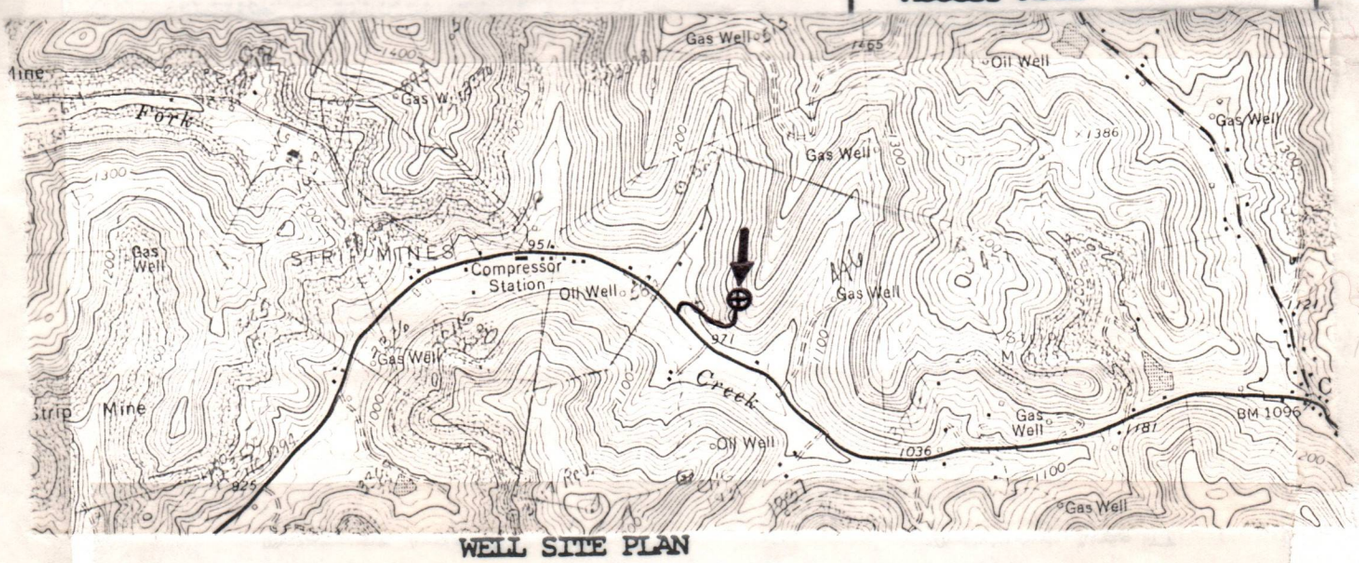
(REV 8-81)

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

LEGEND

Well Site ⊕

Access Road ——

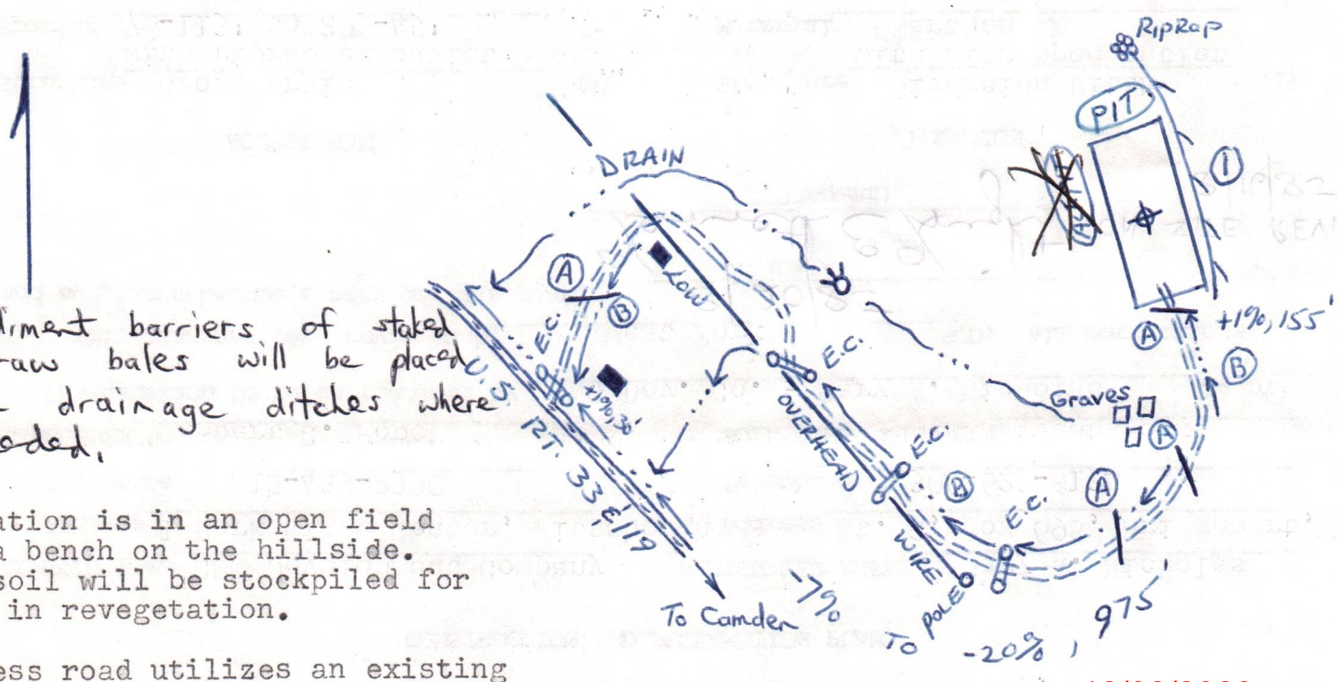


WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, wellsite, 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



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

Location is in an open field on a bench on the hillside. Topsoil will be stockpiled for use in revegetation.

Access road utilizes an existing farm road. Rock will be used on road where necessary.

All fences and gates must be maintained due to the presence of livestock.

E. C. is existing culvert

12/08/2023

~~Location of pit may vary if construction difficulties warrant.~~

A filter strip of natural vegetation will remain between construction & natural water courses.

FORM WW-2A
Obverse

1) Date: October 23, 19 85
Operator's
2) Well No. 2135
3) API Well No. 47 - 041 - 3678
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

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

(i) Name Robert C.& Arline Pope
Address Rt. 2, Box 9
Camden, WV 26338

(ii) Name Mary Alice Pope O'Connell
Address 2201 Ben Franklin Drive
Pittsburgh, PA 15237

(iii) Name
Address

5 (i) COAL OPERATOR
Address

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name None on Record
Address

Name
Address

5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name
Address

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 WW-2(B) 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 WW-6, and
(3) The Construction and Reclamation Plan on Form WW-9 (unless the well work is only to plug a well), which sets out the plan for erosin 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 WW-2(B) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22B 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 Director of the Division of Oil and Gas, with respect to a well at the location described on attached Application and depicted on attached Form WW-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 Director of the Division of Oil and Gas.

RECEIVED
OCT 29 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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 22B-1-8(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 WW-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 23rd day of October, 1985, My commission expires 12/19, 1988.

Carl G. Mourovic

Notary Public, Allegheny County, State of Pennsylvania

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

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

12/08/2023

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

1) Date of Notice.

2) Your well name and number.

3) To be filled out by the Division 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 §22B-1-9(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, iiii) See Code §22B-1-36.

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 §22B-1-6 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 §22B-1-2C and the reclamation required by Code §22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code §22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code §22B-1-21 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 § § 22B-1-9, 22-B-1-13 and 22B-1-14.

INFORMATION SUPPLIED UNDER CODE §22B-1-8(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:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book	page
Grover Gum et al	Consolidated Gas Supply	1/8	314	40
to	CNG Development Company	1/8		

12/08/2023

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

1. Company Name CNG Development Company

2. Mailing Address Route 2, Box 698, Bridgeport, WV 26330
street city state zip

3. Telephone 304-623-8840 4. Well Name Robert C. Pope -2135

5. Latitude 39°-05'-00" Longitude 80°-35'-00"

6. NPDES # WV0073343 7. Dept. Oil & Gas Permit NO. 47-041-3678

8. County Lewis 9. Nearest Town Camden

10. Nearest Stream Freemans Creek 11. Tributary of Little Kanawha

12. Will Discharge be Contracted Out? yes X no ____

13. If Yes, Proposed Contractor PKC

Address 44 Baltimore Street, Westover, WV 26505

Telephone 304-291-5960

14. Proposed Disposal Method: UIC ____ Land application X

Off Site Disposal ____ Reuse ____ Centralized Treatment ____

Thermal Evaporation ____ 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.

PS Form 3811, July 1983 447-845

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:
Mr. & Mrs. Robert C. Pope
Rt 2, Box 9
Camden, OH 26338

4. Type of Service:
☐ Registered ☐ Insured
☑ Certified ☐ COD
☐ Express Mail

Article Number: P086 942 966

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature – Addressee
X Robert C Pope

6. Signature – Agent
X

7. Date of Delivery
10/25/85

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

CNGD 2135

PS Form 3811, July 1983 447-845

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:
Mrs. Mary Alice Pope O'Connell
2201 Ben Franklin Drive
Pgh, Pa 15237

4. Type of Service:
☐ Registered ☐ Insured
☑ Certified ☐ COD
☐ Express Mail

Article Number: P086 942 967

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature – Addressee
X Mary O'Connell

6. Signature – Agent
X

7. Date of Delivery
10-24-85

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

CNGD 2135

RECEIVED
OCT 29 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

12/08/2023

2201 Ben Franklin Drive
Pittsburgh, PA 15237
November 5, 1985
Telephone 412/367-4669

Director, Division of Oil and Gas
West Virginia Department of Energy
1615 Washington Street, East
Charleston, West Virginia 25311-2192

Dear Sir:

These comments are in regard to the application for a well work permit filed by the CNG Development Company for well number 2135 located in the Freeman's Creek District, Lewis County, West Virginia. The coordinates of the proposed well are approximately N39 degrees 05 minutes 00 seconds by W80 degrees 35 minutes 00 seconds.

I object to the issuance of a work permit for this well because the drainage from the well site and associated pit(s) is not adequately provided for. The proposed diversion and riprap sump fails to protect freshwater sources on the property. Drainage from the pit(s) and riprap diversion will no doubt flow to the east into a watercourse used by livestock for drinking. Discharges from the drilling operations can and usually do contain salts and other chemicals which are detrimental to the health of domesticated animals. In addition, the watercourse which will receive this drainage passes within 50 feet of the main dwelling's potable water supply, and potentially could contaminate it.

The drilling site is shown on the Construction and Reclamation Plan, State of West Virginia, Department of Mines, Oil and Gas Division form IV-9 (REV 8-81) filed by the CNG Development Company, 1 Park Ridge Center, Pittsburgh, PA, dated August 15, 1985. No effort was made to describe provisions for proper containment and treatment of the drainage from the drilling site and associated pit(s).

I hereby request a copy of the permit as it is finally issued, or a copy of the order denying the permit.

Sincerely,

Mary Alice Pope O'Connell

Mary Alice Pope O'Connell

CC: Chief, Division of Water Resources
Department of Natural Resources
1202 Greenbrier St.
Charleston, West Virginia 25311

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NOV 8 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

12/08/2023

INTER–OFFICE MEMORANDUM
Department of Energy
Division of Oil and Gas

RECEIVED
NOV 20 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

To Steve Casey **Date** 11-12-85

From Margaret I. Hasse **Subject** CNGD — Well no. 2135

Please look over this application in the light of the attached comment and send me a report.

11-15-85 Met with CNG and R. Pope - walk out road + well site.
R. Pope owns 2/3 of land, Mrs. O'Connell (sister) owns 1/3.
R. Pope has no objection to road or well site.

Will domestic water supply be likely endangered?
No. Water well appx. 800' away.
Live stock pond full of silt + weeds, dry, and washed out

Which direction ~~was~~ is drainage from ~~area~~ location?
South West

Do you see any other problems?
no

Where should they build pit?
at end of loc. as shown

11-15-85
Steve Casey

copies: Mary Alice Pope O'Connell
CNGD - Bridgeport office
file

12/08/2023

12/08/2023

IV-35
(Rev 8-81)

RECEIVED
JAN 30 1986
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia
Department of Mines
Oil and Gas Division

Date January 23, 1986
Operator's
Well No. CNGD WN 2135
Farm Grover Gum
API No. 47 - 041 - 3678

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: 1147 Watershed Leading Creek
District: Freemans Crk. County Lewis Quadrangle Camden

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 Robert C. Pope
ADDRESS Rt. 2 Box 9 Camden, WV 26338
MINERAL RIGHTS OWNER Grover Gum
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK Stephen Casey ADDRESS Rt. 2 Box 232 D Jane Lew, WV 26378
PERMIT ISSUED Dec. 12, 1985
DRILLING COMMENCED Dec. 30, 1985
DRILLING COMPLETED Jan. 9, 1986
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.			
13-10"			
9 5/8			
8 5/8	1010	1010	To Surf.
7			
5 1/2			
4 1/2	3685	3685	550 sks
3			
2	3469	3469	---
Liners used			

GEOLOGICAL TARGET FORMATION Balltown Depth 3700 feet
Depth of completed well 3700 feet Rotary X / Cable Tools ___
Water strata depth: Fresh 45 feet; Salt ___ feet
Coal seam depths: ---- Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Balltown, Speechley, Warren, Bayard Pay zone depth 3335 - 3508, 3010 - 3176, 2888 - 2938, 2538 - 42 feet
Gas: Initial open flow ___ Mcf/d Oil: Initial open flow ___ Bbl/d
Final open flow 189 Mcf/d Final open flow ___ Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 125 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)

LEW 3678

12/08/2023

FORM IV-35
(REVERSE)

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

Superior Perforated Balltown 3335-3508, 14 holes, .39", strip; Speechley 3010-3176, 14 holes, .39" SF; Warren 2888-2938, 11 holes, .39" SF; Bayard 2538-42, 16 holes, .39" HSC Dowell Schlumberger Water Frac 20# gel, J-347, Premixed 1st Stage Break 2600 psi, Break Rate 30 bpm, Ave Tr Pr 2730 psi, Max Tr Pr 3200 psi, Ave Rate 34.9 BPM, HHP 2335, Total Fluid 640 bbl, SL Fluid 464 bbl, 50,000# 20/40 Sand, Max Conc. 3#/gal, ISIP 900 psi, 5 min 800 psi, Water Temp. 32; 2nd Stage - Break 3300 psi, Break Rate 25 BPM, Ave Tr Pr 2750 psi, Max Tr Pr 3600 psi, Ave Rate 35 BPM, HHP 2359, Total Fluid 680 bbl, SL Fluid 464 bbl, 50,000# 20/40 Sand, Max Conc 3#/gal, ISIP 1150, 5 min N/A, Water Temp (F) 32; 3rd Stage - Break 1650 psi, Break Rate 31 BPM, Ave Tr Pr 2500 psi, Max Tr Pr 2800 psi, Ave Rate 30 BPM, HHP 1838, Total Fluid 580 bbl, SL Fluid 385 bbl, 40,000# 20/40 Sand, Max Conc 3#/gal, ISIP 1200, 5 min N/A, Water Temp (F) 32; 4th Stage - Break 2250 psi, Break Rate 10 (balled out), Ave Tr Pr 1800 psi, Max Tr Pr 2000 psi, Ave Rate 16BPM, HHP 706, Total Fluid 505 bbl, SL Fluid 337 bbl, 20,000# 20/40 Sand, Max Conc 2 then 1-1/2, ISIP 1400 psi, 5 min N/A, Water Temp (F) 72, Perf Balls (No.) 25 No Pressure Recorder on 1st Stage

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	
Shale, Sand, RR	10	1360	
Lime	1360	1420	
Sand & Shale	1420	1555	
Big Lime & Injun	1555	1740	
Sand & Shale	1740	3700	
LOG TOPS			
B. Lime	1571	1736	
Weir	1774	1870	
Gantz	1953	1970	
30'	2166	2178	
G. Stray/Gordon	2236	2315	
5th	2460	2496	
Bayard	2517	2542	
Warren	2882	2944	
U. Speechley	3030	3085	
Speechley	3150	3185	
Balltown	3314	3526	

(Attach separate sheets as necessary)

CNG DEVELOPMENT COMPANY
Well Operator

By: Gary A Nicholas 12/08/2023

Date: January 23, 1986

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."

IR-26
Obverse

RECEIVED
ENERGY

(12-12-85)

INSPECTOR'S PERMIT SUMMARY FORM

MAY 23 1986

WELL TYPE _____ API# 47- 041 - 3678

ELEVATION 1147 OPERATOR CNG Development Co.

DISTRICT Freemans Creek TELEPHONE _____

QUADRANGLE Camden FARM _____

COUNTY Lewis WELL # 2135

SURFACE OWNER Robert Pope COMMENTS _____ TELEPHONE _____

TARGET FORMATION _____ DATE APPLICATION RECEIVED _____

DATE STARTED
LOCATION 12-~~20~~-85 NOTIFIED ✓ DRILLING COMMENCED 12-30-85

WATER DEPTHS 1" 45, _____, _____, _____

COAL DEPTHS —, _____, _____, _____

CASING SWJ 12

Ran 1010 feet of 8 5/8 "pipe on 1-7-86 with 210sx D 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 _____ feet on _____

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released 5-21-86

Slade Casey
Inspector's signature

12/08/2023

IR-26
Reverse

API# 47 41 - 3478

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1	1-7-86		inspect	85/8
2	5-14-86		"	reclamation
3	5-21-86		"	" release
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

12/08/2023

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 - 041 - 03678 -
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.)	3,508 feet
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name: CNG Development Company Street: One Park Ridge Center P. O. Box 15746 City: Pittsburgh State: PA Zip Code: 15244 Seller Code:
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Field Name: Freemans Creek District County: Lewis State: WV
(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.)	Grover Gum CNGD #2135
(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.)	Name: Undetermined Buyer Code:
(b) Date of the contract:	Mo. Day Yr.
(c) Estimated total annual production from the well:	7 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.)	$/MMBTU	—.—	—.—	—.—	—.—
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	$/MMBTU	3.616	—.—	—.—	—.—

9.0 Person responsible for this application:

Name: J. L. Frink
Title: Vice President - Production
Signature: J. L. Frink
Date Application is Completed: 1/27/86
Phone Number: 412-787-4086

Agency Use Only
Date Received by Juris. Agency: JAN 29 1986
Date Received by FERC:

RECEIVED JAN 29 1986 DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

FERC-121 (8-82)

12/08/2023

FORM IV-48WC
(02-84)

STATE OF WEST VIRGINIA

11495-80

FEB 15 1986

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: January 27, 19 86

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

860129 -1030-041- 3678

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)

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: J. L. Frink
(Print)

Signature: J L Frink

Vice President - Production
(Title)

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

Telephone: (412) 787-4086
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Catagory 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

103 New Onshore Production Well
- X 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

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

RECEIVED
JAN 29 1986
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

AGENCY USE ONLY

QUALIFIED

12/08/2023

Date Received

Determination Date

FORM IV-54nC
[12-78]

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

Date January 27, 19 86
Operator's
Well No. #2135
API Well No.
47 - 041 - 03678
State County Permit

WELL CLASSIFICATION FORM

NEW ONSHORE PRODUCTION WELL
NGPA Section 103

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

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

LOCATION: Elevation 1147'
Watershed Leading Creek
District Freemans Creek County Lewis Quad. Camden

GAS PURCHASER undetermined
ADDRESS

Gas Purchase Contract No. N/A
Meter Chart Code N/A
Date of Contract N/A

* *

Date surface drilling was begun: 12/30/85

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

BHP = 136#
BHP = P_{-1} + P_{-1} (e GL 53.34 T_{-1})

AFFIDAVIT

I, J. L. Frink, 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.

J. L. Frink
Vice President - Production

STATE OF ~~WEST VIRGINIA~~ Pennsylvania

COUNTY OF Allegheny, TO WIT:

I, Carl G. Mourovic, a Notary Public in and for the state and county aforesaid, do certify that J. L. Frink, whose name is signed to the writing above, bearing date the 27th day of January, 19 86, has acknowledged the same before me, in my county aforesaid.

12/08/2023

Given under my hand and official seal this 27th day of January, 19 86.

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

[NOTARIAL SEAL]

Carl G. Mourovic
Notary Public

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS
1615 Washington Street, East
Charleston, West Virginia 25311
Telephone: 348-3500

ARCH A. MOORE, JR.
Governor

TO : Mary Alice Pope O'Connell

FROM : Margaret T. Hasse, Deputy Director of Permitting MTH

DATE : 11-12-85

SUBJECT : Well Work Application

OPERATOR : CNG Development Co.

OPERATOR'S WELL NUMBER : 2135

DISTRICT : Freeman's Creek

COUNTY : Lewis

The Oil and Gas Division has received your comments.

Before a permit is issued, the Department of Energy will make an onsite inspection.

Stephen Casey, District Oil and Gas Inspector will conduct this inspection. Mr. Casey can be contacted at (304) 884-7470, should you wish to discuss any particulars directly with him. After we receive Mr. Casey's report, we will send you a copy of the permit as issued or of the order denying the permit. Please feel free to contact me at (304)-348-0138 if you have further concerns or questions.

INTER–OFFICE MEMORANDUM
Department of Natural Resources
Division of Water Resources

To Eli McCoy

From Terry Jones

Date December 6, 1985

Subject

RE: Objections by Mary Alice Pope O'Connell to CNG's proposed well number 2135 located near Camden in Lewis County (RE: 11-21-85 memo).

Upon my field inspection I found the proposed pit site to be approximately 1000 feet away from the water supply for the local dwelling and there is sufficient buffer to prevent pit water from entering drinking water. Also, there should not be interference with the water course used by livestock.

In my opinion this is an environmentally safe site for a pit discharge. Also, I will inspect this site prior to the pit being discharged.

TJ/lm

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS
1615 Washington Street, East
Charleston, West Virginia 25311
Telephone: 348-3500

ARCH A. MOORE, JR.
Governor

December 11, 1985

Mary Alice Pope O'Connell
2201 Ben Franklin Drive
Pittsburgh, PA 15237

Dear Ms. O'Connell:

On November 15, 1985, our district inspector, Mr. Casey made an on-site inspection of this location with your brother, Mr. Pope.

Mr. Casey advises me that any drainage from the location will be in a southwesterly direction and should in no way adversely affect either existing domestic water supplies or existing livestock watering facilities.

All drilling wastes are to be contained in the drilling pit on location and will be treated and disposed of in compliance with NPDES permit #WV0073343. I am enclosing for your information a copy of this permit and of this drilling permit as issued.

Sincerely,

Margaret T. Hasse

Margaret T. Hasse
Deputy Director of Permitting

MTH/ab

encl; as stated

copies: Steve Casey
CNG Development

12/08/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF NATURAL RESOURCES
CHARLESTON 25305

ARCH A. MOORE, JR.
Governor

December 19, 1985

RONALD R. POTESTA
Director

MICHAEL A. FOTOS
Deputy Director

MARGET OK. to file MZ

Lew-3678

Ms. Mary Alice Pope O'Connell
CNG Development Company
Crosswind Corporate Park
Route 2, Box 698
Bridgeport, WV 26330

Dear Ms. O'Connell:

Enclosed you will find the written results of the field investigation of CNG's proposed well number 2135. As I stated earlier, this agency does not intend to impose any special conditions on this site at this time.

Sincerely,

DIVISION OF WATER RESOURCES

Laidley E. McCoy

Laidley Eli McCoy, Ph. D.
Assistant to the Chief

LEM/cls

Enclosure

cc: Terry Jones w/o enclosure
Ted Streit

12/08/2023

MU 11-12-85

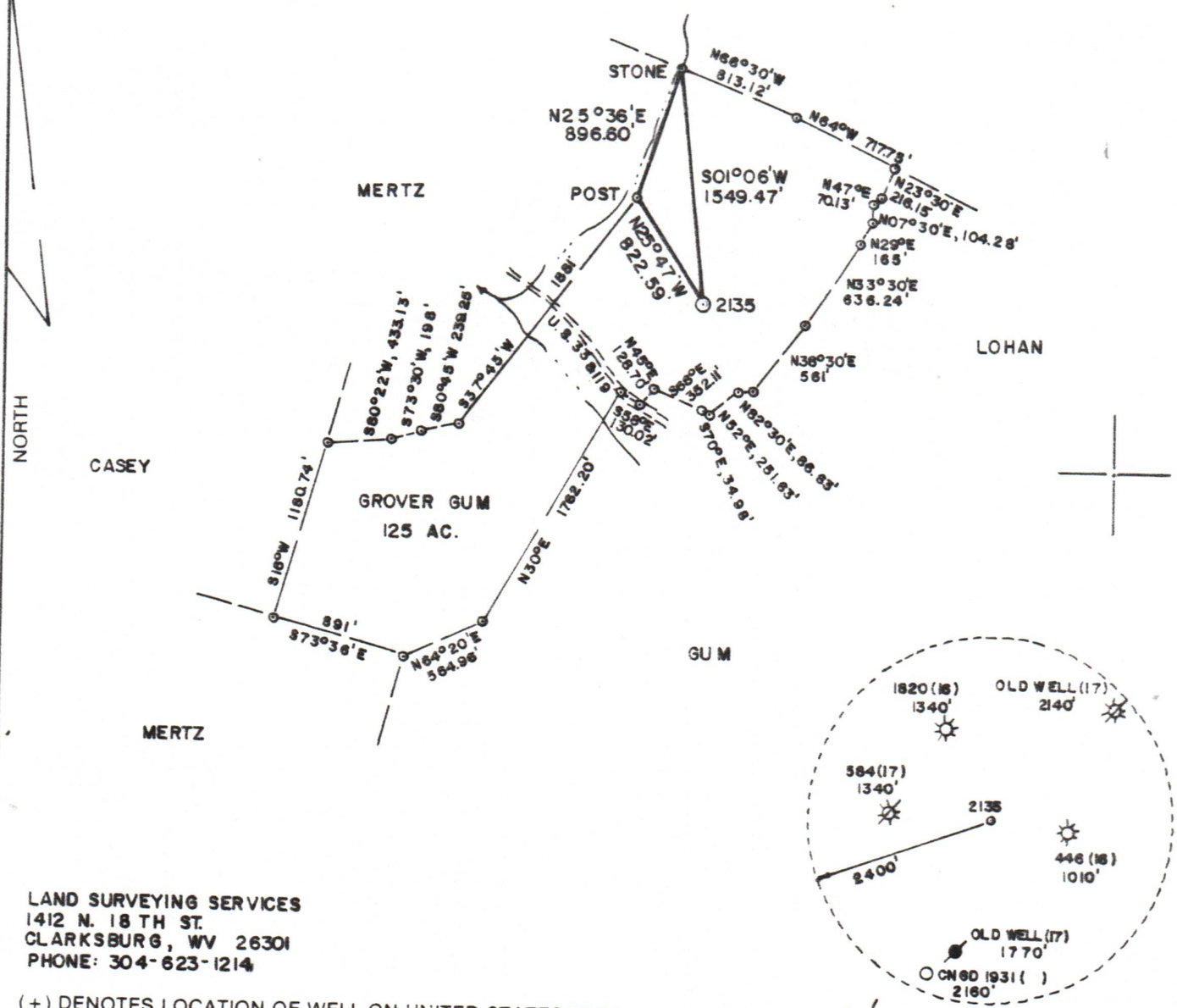
1480'

LATITUDE 39° 05' 00"

WELL REFERENCES:
N77° 15'E, 107' TO 5" R. MAPLE
N50° 30'E, 96.50' TO 5" HICKORY

GRAFTON COAL CO.

LONGITUDE 80° 35' 00"



LAND SURVEYING SERVICES
1412 N. 18 TH ST.
CLARKSBURG, WV 26301
PHONE: 304-623-1214

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS L.R.H. 9-12-85

FILE NO.
DRAWING NO.
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 in 2500
PROVEN SOURCE OF ELEVATION RD. INTER. 750' S.W. OF LOCATION ELEV. - 971'

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) Stephen D. Losh
R.P.E. L.L.S. 674
STEPHEN D. LOSH

STEPHEN D. LOSH LICENSED No. 674 STATE OF WEST VIRGINIA LAND SURVEYOR
PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE AUGUST 20, 1985
OPERATOR'S WELL NO. 2135
API WELL NO. 47 - 041 - 3678
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1147' WATER SHED LEADING CREEK
DISTRICT FREEMANS CREEK COUNTY LEWIS
QUADRANGLE CAMDEN 7.5 min.
SURFACE OWNER ROBERT C. POPE ACREAGE 126.74
OIL & GAS ROYALTY OWNER GROVER GUM LEASE ACREAGE 125
LEASE NO. 78923 (DV-16824)
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 3700'
WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS
ADDRESS ONE PARK RIDGE CENTER ADDRESS CROSSWIND CORPORATE PARK
PITTSBURGH, PA 15244 RT. 2, BOX 698 BRIDGEPORT, WV 26330

COUNTY NAME
PERMIT

12/08/2023