

FILE COPY  
**RECEIVED**  
JUL 17 1985



1) Date: July 3, 1985  
2) Operator's Well No. 1957  
3) API Well No. 47 -001-2261  
State County Permit

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

OIL & GAS DIVISION  
DEPT. OF MINES

- 4) WELL TYPE: A Oil  Gas   
B (If "Gas", Production  / Underground storage  / Deep  / Shallow )
- 5) LOCATION: Elevation: 1330 / Watershed: Pleasant Creek  
District: Pleasant 6 / County: Barbour / Quadrangle: Phillippi 5-44
- 6) WELL OPERATOR CNG Development Company  
Address c/o Paul W. Garrett, P.O. Box 15746  
Pittsburgh, PA 15244 10110
- 7) DESIGNATED AGENT Gary Nicholas  
Address Crosswind Corporate Park  
Rt. 2, Box 698, Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Donald Ellis  
Address 2604 Crab Apple Lane  
Fairmont, WV 26554
- 9) DRILLING CONTRACTOR:  
Name Sam Jack Drilling Co.  
Address P.O. Box 48  
Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate   
Plug off old formation  / Perforate new formation   
Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Benson
- 12) Estimated depth of completed well, 4249 feet
- 13) Approximate strata depths: Fresh, - feet; salt, - feet.
- 14) Approximate coal seam depths: - 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									
Fresh water	11-3/4	H-40	x 42	x		40	40	To Surface	Kinds 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		4249	4249	200-400	Depths set By Rule 15.01
Tubing	1-1/2	CN-55	2.75	x					Perforations:
Liners									Top Bottom

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-001-2261 Date August 6 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 August 6, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>C</u>	Agent: <u>ALB</u>	Plat: <u>MU</u>	Casing: <u>MU</u>	Fee: <u>9376</u>
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*[Signature]*  
Administrator, Office of Oil and Gas  
**DIRECTOR, DIVISION**

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









DATE: July 3, 1985  
OPERATOR'S  
WELL NO.: 1957

API NO: 47 - -  
State County Permit

State of West Virginia

OFFICE OF OIL AND GAS  
DEPARTMENT OF MINES

A F F I D A V I T

State of Pennsylvania

County of Allegheny

I, Paul W. Garrett (the designated owner or operator, or authorized representative thereof), after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in the well permit application to which this affidavit is attached do state that (he, she, or it) shall tender to the owner of the oil and gas in place not less than one-eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced, or marketed before deducting the amount to be paid or set aside for the owner of the oil or gas in place, or all such oil or gas to be extracted, produced, or marketed from the well. West Virginia Code 22-4-11(e) (1982).

Signed: Paul W. Garrett

Taken, Subscribed, and sworn to before me this 3rd day of July, 1985.

Notary: Carl J. Maurano

My Commission Expires: December 19, 1988

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OIL & GAS DIVISION  
DEPT. OF MINES



Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure 300 psig (surface measurement) after 1 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_\_\_ Pay zone depth 11/10/2028 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)



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

11474-67

DEC 30 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: December 5, 19 85 10110  
Applicant's Name: CNG Development Company  
Address: One Park Ridge Center  
P.O. Box 15746  
Pittsburgh, PA 15244  
Attn: Carl G. Mourovic  
Gas Purchaser Contract No. N/A  
Date of Contract N/A  
(Month, day and year)

AGENCY USE ONLY

WELL DETERMINATION FILE NUMBER

951210 -1030 -001 -2261

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

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

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

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

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

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

- 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

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

AGENCY USE ONLY

QUALIFIED 11/10/2023

RECEIVED  
DEC 10 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date Received

Determination Date



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

Date December 5, 19 85  
Operator's  
Well No. #1957  
API Well No.  
47 - 001 - 02261  
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 1,330'  
Watershed Pleasant Creek

District Pleasant County Barbour Quad Philippi

Gas Purchase Contract No. N/A

Meter Chart Code N/A

Date of Contract N/A

GAS PURCHASER undetermined

ADDRESS \_\_\_\_\_

\* \* \* \* \*

Date surface drilling was begun: October 25, 1985

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

BHP = 329#  
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

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 5th day of December, 19 85, has acknowledged the same before me, in my county aforesaid. **11/10/2023**

Given under my hand and official seal this 5th day of December, 19 85.

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

[NOTARIAL SEAL]

Carl G. Mourovic  
Notary Public

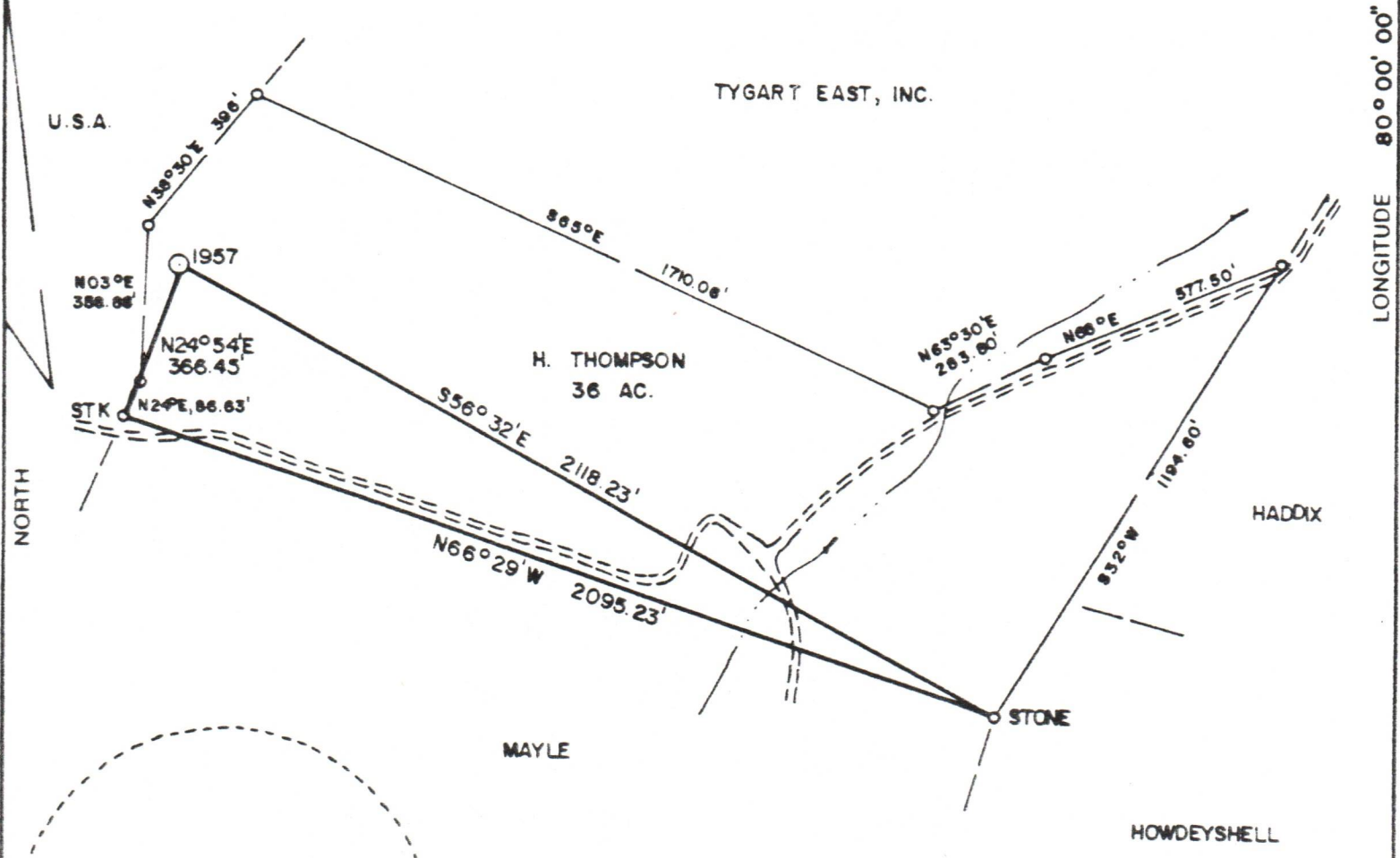


7-31-85

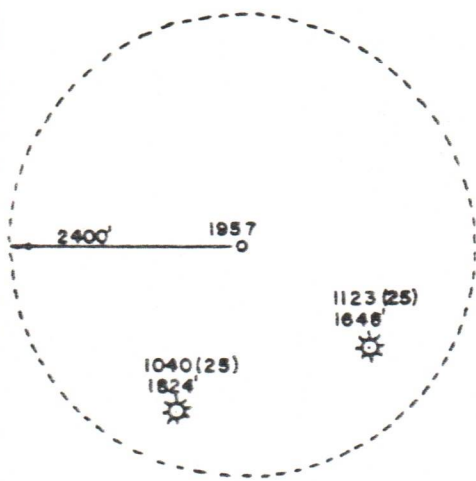
4550'

LATITUDE 39° 15' 00"

WELL REFERENCES:  
S79°W, 97' TO 6" SUBAR  
N25°15'W, 114' TO 19" HICKORY



LONGITUDE 80° 00' 08"



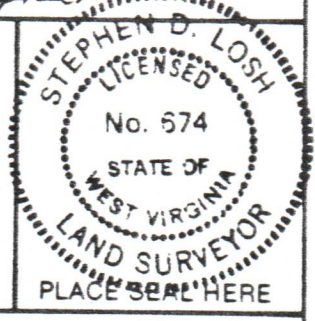
LAND SURVEYING SERVICES  
1412 N. 18 TH ST.  
CLARKSBURG, WV 26301  
PHONE: 304-623-1214

Plat Approved 6-19-85  
*Stephen D. Losh*

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1 in 2500  
 PROVEN SOURCE OF ELEVATION EXIST. WELL 1123  
 ELEV. - 1200'

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



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE MAY 23 19 85  
 OPERATOR'S WELL NO. 1957  
 API WELL NO. 47-001-2261  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS.") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 1330' WATERSHED PLEASANT CREEK  
 DISTRICT PLEASANT COUNTY BARBOUR  
 QUADRANGLE PHILIPPI 7.5 min.

SURFACE OWNER HERBERT THOMPSON ACREAGE 36  
 OIL & GAS ROYALTY OWNER HERBERT THOMPSON LEASE ACREAGE 36  
 LEASE NO. 77331

PROPOSED WORK: DRILL  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 BENSON ESTIMATED DEPTH 4249'  
 WELL OPERATOR CNB DEVELOPMENT COMPANY DESIGNATED AGENT GARY NICHOLAS  
 ADDRESS ONE PARK RIDGE CENTER ADDRESS CROSSWIND CORPORATE PARK  
 PITTSBURGH, PA 15224 RT 2, BOX 698 BRIDGEPORT, WV 26330

FORM IV-6 (8-78)

COUNTY NAME PERMIT

11/10/2023



IV-9  
(Rev 8-81)



DATE May 21, 1985  
WELL NO. CNGD #1957  
API NO. 47 - 001 - 2261

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME CNG Development Company 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 Harbert Thompson SOIL CONS. DISTRICT Tygart's Valley  
Revegetation to be carried out by CNG Dev. Co. - Gary A. Nicholas (Agent)

This plan has been reviewed by Tygart's Valley SCD. All corrections and additions become a part of this plan: 5-25-85 (Date)

Juanita Hedrick  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Broad Based Dip (A)  
Spacing As shown  
Page Ref. Manual 2-3  
Structure Culvert (12" min.) (B)  
Spacing At natural drains  
Page Ref. Manual 2-7  
Structure Drainage Ditch (C)  
Spacing On upper road cuts  
Page Ref. Manual 2-12

Structure Diversion Ditch (1)  
Material Earthen  
Page Ref. Manual 2-12  
Structure \_\_\_\_\_  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
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

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

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.

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

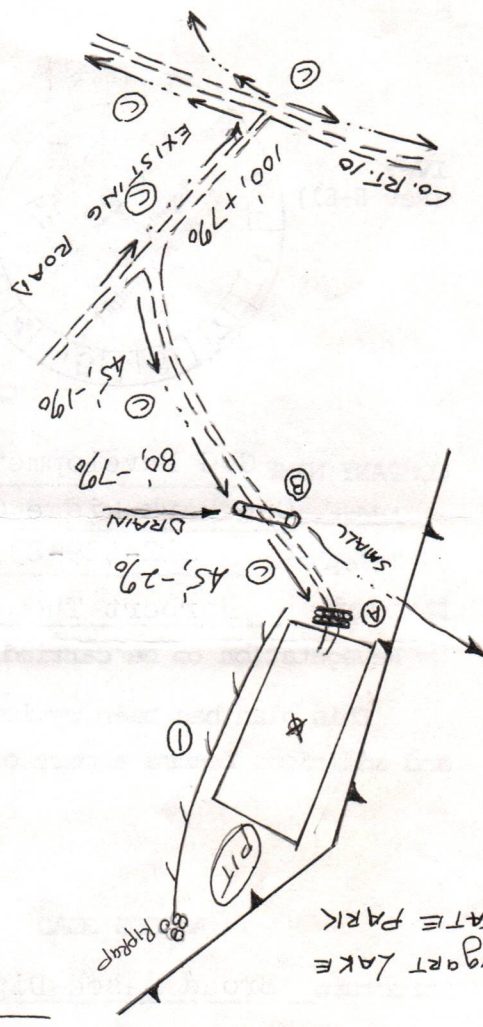
PLAN PREPARED BY LAND SURVEYING SERVICES 11/10/2023  
ADDRESS 1412 N. 18th St.  
Clarksburg, WV 26301  
PHONE NO. 304-623-1214

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OIL & GAS DIVISION  
DEPT. OF MINES

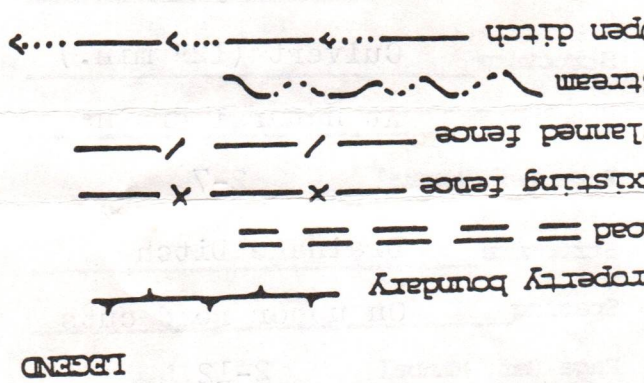
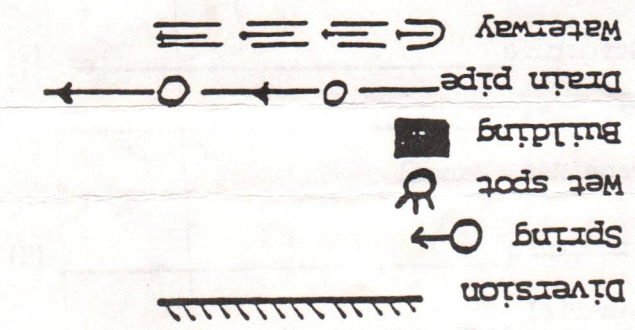


ALL CUTS 2:1 SLOPE OR LESS.  
 PIT WILL BE OF AN IMPERVIOUS MATERIAL OR WILL BE LINED.  
 LOCATION OF PIT MAY VARY IF CONSTRUCTION DIFFICULTIES ARISE AT ABOVE LOCATION.

LOCATION IS ON A GENTLY SLOPING WOODED HILLSIDE.  
 USABLE TIMBER WILL BE CUT AND STACKED.  
 TOPSOIL WILL BE STACK-PILEID FOR USE IN REVEGETATION.

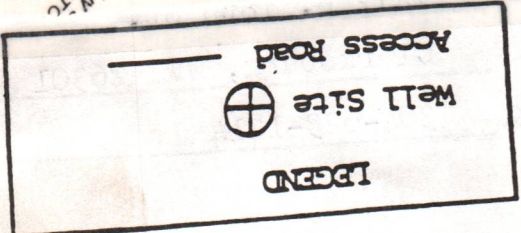
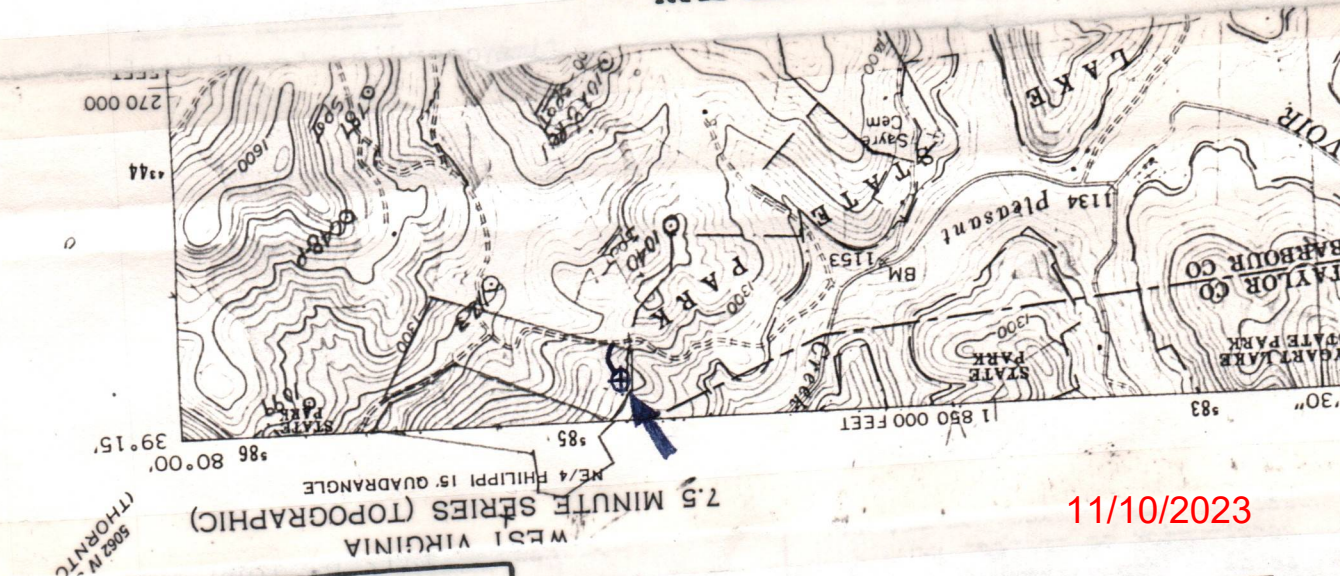


CNGD # 1957



WELLS TO INCLUDE WELL LOCATION, EXISTING ACCESS ROAD, ROADS TO BE CONSTRUCTED, WELLS, LINDING PITS AND NECESSARY STRUCTURES NUMBERED OR LETTERED TO CORRESPOND WITH THE FIT OF THIS PLAN. INCLUDE ALL NATURAL DRAINAGE.

WELL SITE PLAN



OR PHOTO COPY SECTION OF REPRODUCED TOPOGRAPHIC MAP. DATE PHILIPPI 7.5 min. 11/10/2023



1) Date: July 3, 1985  
2) Operator's Well No. 1957  
3) API Well No. 47-001-2261  
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 Herbert Thompson  
Address c/o Birdie B. Jones  
P.O. Box 383  
(ii) Name Norton, WV 24273  
Address  
(iii) Name  
Address

5(i) COAL OPERATOR  
Address

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Herbert Thompson  
Address c/o Birdie B. Jones  
P.O. Box 383, Norton, WV 24273  
Name Hillman Coal & Coke Co.  
Address 1900 Grant Building  
Pittsburgh, PA 15219

~~5(iii) COAL LESSEE WITH DECLARATION ON RECORD~~  
Name Royal Land Co.  
Address Eastern Regional Office  
P.O. Box 500  
Meadowlands, PA 15347

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

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

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

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

6) EXTRACTION RIGHTS

Check and provide one of the following:

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

7) ROYALTY PROVISIONS

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

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

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

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

Paul W. Garrett

this 3rd day of July, 1985.  
My commission expires 12/19, 1988.

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

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JUL 17 1985

OIL & GAS DIVISION  
DEPT. OF MINES



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.

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

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

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

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book	Page
Herbert Thompson, et al	Consolidated Gas Supply	1/8 Oil	63	121
		\$75	qtr/gas	
to	Consolidated Gas Trans. Corp.	1/8		







DATE: July 3, 1985  
OPERATOR'S  
WELL NO.: 1957

API NO: 47 - -  
State County Permi

State of West Virginia

OFFICE OF OIL AND GAS  
DEPARTMENT OF MINES

A F F I D A V I T

State of Pennsylvania

County of Allegheny

I, Paul W. Garrett (the designated owner or operator, or authorized representative thereof), after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in the well permit application to which this affidavit is attached do state that (he, she, or it) shall tender to the owner of the oil and gas in place not less than one-eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced, or marketed before deducting the amount to be paid or set aside for the owner of the oil or gas in place, or all such oil or gas to be extracted, produced, or marketed from the well. West Virginia Code 22-4-11(e) (1982).

Signed: Paul W. Garrett

Taken, Subscribed, and sworn to before me this 3rd day of July, 1985.

Notary: Carl D. Maurer

My Commission Expires: December 19, 1988

RECEIVED  
JUL 17 1985  
OIL & GAS DIVISION  
DEPT. OF MINES





PS Form 3811, July 1983 447-845

**SENDER: Complete items 1, 2, 3 and 4.**

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

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

3. Article Addressed to:

*Mr. Herbert Thompson  
c/o Birdie B Jones  
P.O. Box 383  
Norton, OH 44203*

4. Type of Service:

- Registered
- Certified
- Express Mail
- Insured
- COD

Article Number

*P041 011 032*

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

5. Signature - Addressee

X *Birdie B. Jones*

6. Signature - Agent

X

7. Date of Delivery

*JUL - 9 1985*

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

ONGD 1985

DOMESTIC RETURN RECEIPT

PS Form 3811, July 1983 447-845

**SENDER: Complete items 1, 2, 3 and 4.**

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

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

3. Article Addressed to:

*Skilman Coal & Coke Co.  
1900 Grant Bldg.  
Pittsburgh, Pa. 15219*

4. Type of Service:

- Registered
- Certified
- Express Mail
- Insured
- COD

Article Number

*P041 011 031*

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

5. Signature - Addressee

X

6. Signature - Agent

X *R. Brown*

7. Date of Delivery

*7-8-85*

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

ONGD 1985

DOMESTIC RETURN RECEIPT

PS Form 3811, July 1983 447-845

**SENDER: Complete items 1, 2, 3 and 4.**

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

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

3. Article Addressed to:

*Royal Land Corp.  
Eastern Regional Office  
P.O. Box 500  
Meadowlands, Pa 15349*

4. Type of Service:

- Registered
- Certified
- Express Mail
- Insured
- COD

Article Number

*P041 011 033*

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

5. Signature - Addressee

X *[Signature]*

6. Signature - Agent

X

7. Date of Delivery

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

ONGD 1985

DOMESTIC RETURN RECEIPT

RECEIVED

JUL 17 1985

OIL & GAS DIVISION  
DEPT. OF MINES







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

Perforated Riley 3863-3868, 20 holes, .39; Balltown 3034-3040, 20 holes, .39;  
 Speechley 2864-2915, 10 holes, .39  
 Halliburton Foam Frac (75Q) Riley Sand - Break 2000, Avg. TPSI 2650, Avg Rate 20 BPM,  
 ISI 1900, used 500 gals 15% FE Acid & 45,000# 20/40 Sand & 427,625 SCFN2.  
 Balltown - Break 2800, Avg TPSI 3000, Avg Rate 20 BPM, ISI 2200, used 500 gals  
 15% FE Acid & 45,000# 20/40 Sand & 460,836 SCFN2.; Speechley - Break 2000, Establish Rate,  
 Shut down for ISI 2000, Bottom Hole PSI 3200#, shut down. Continued job with  
 Ave Tr Pr 3450, Max Tr. Pr. 3550, Ave Rate 20 bpm, 20/40 Sand 60,000#, Max Conc 3#/gal,  
 SL Fluid 560 bbl, Total Fluid 796 bbl, ISIP 15 bbl foam, 31 bbl water = 2600 psi,  
 5 min SIP 2550 psi, N2 597,000 SCF.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Fill			0	5	1/2" stream water @ 200'
Sand & Shale			5	85	1" stream water @ 1760'
Coal			85	88	
Sand & Shale			88	469	Coal 85 - 88
Coal			469	473	469 - 473
Sand & Shale			473	1115	
Big Lime			1115	1342	
Sand & Shale			1342	4077	
Benson			4077	4140	
Sand & Shale			4140	4310	
<u>LOG TOPS</u>					
Little Lime			1100	1116	
Big Lime			1193	1270	
Big Injun			1270	1350	
Pocono			1400	1428	
Berea			1565	1588	
Gantz			1636	1653	
Gordon Stray/Gordon			1941	2006	
5th			2142	2195	
Bayard			2278	2330	
L. Bayard			2330	2351	
Warren Schley			2554	2570	
U. Speechley			2863	2879	
Speechley			2888	2919	
Balltown			2965	3118	
Bradford			3343	3466	
Riley			3770	3933	
Benson - Not Penetrated					

(Attach separate sheets as necessary)

CNG DEVELOPMENT COMPANY

Well Operator

By:

*Gary A. Phillips*

11/10/2023

Date:

December 3, 1985

Note:

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



INSPECTOR'S PERMIT SUMMARY FORM

8-6-85

WELL TYPE Gas  
ELEVATION 1330  
DISTRICT Pharos  
QUADRANGLE \_\_\_\_\_  
COUNTY Barbour

API# 47- 001-2261  
OPERATOR C.N.G. Development  
TELEPHONE \_\_\_\_\_  
FARM Thompson  
WELL # 1957

SURFACE OWNER \_\_\_\_\_ COMMENTS \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
TARGET FORMATION \_\_\_\_\_ DATE APPLICATION RECEIVED 8-6-85

DATE STARTED \_\_\_\_\_  
LOCATION \_\_\_\_\_ NOTIFIED \_\_\_\_\_ DRILLING COMMENCED 10-25-85

WATER DEPTHS 30' 1/2", 200' 1/2", 1760' 1", \_\_\_\_\_  
COAL DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

CASING  
Ran 996 feet of 8 5/8 "pipe on 10-27-85 with 207 1/4 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 4310 feet on 10-30-85

DEPARTMENT OF ENERGY  
OIL AND GAS

PLUGGING

JUN 4 1986

Type	From	To	Pipe Removed

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

Date Released 5-28-86

Phillip Tracy  
Inspector's signature

11/10/2023

X



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

LIST ALL VISITS FOR THIS PERMIT

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

Notes



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

**RECEIVED**  
DEC 10 1985  
DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY  
Seller Code

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 001 - 02261 -				
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.)	3,868 feet				
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	CNG Development Company Name One Park Ridge Center P. O. Box 15746 Street Pittsburgh PA 15244 City State Zip Code				
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) (b) For OCS wells:	Pleasant District Field Name Barbour WV County State Area Name Block Number Date of Lease: Mo. Day Yr. OCS Lease Number				
(c) Name and identification number of this well: (35 letters and digits maximum.)	H. Thompson CNGD #1957				
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)					
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) (b) Date of the contract:	Undetermined Name Buyer Code Mo. Day Yr.				
(c) Estimated total annual production from the well:	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.)	S/MMBTU	-----	-----	-----	-----
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	3.599	-----	-----	-----
9.0 Person responsible for this application:	R. N. Metzler Name Manager Reserves Signature 12/5/85 Date Application is Completed 412-787-4092 Phone Number				

FERC-121 (8-82)

11/10/2023