



1) Date: August 3, 19 84
 2) Operator's Well No. 991
 3) API Well No. 47 - 105 - 1149
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas _____
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: 1055' Watershed: Two Run LK 36
 District: Burning Springs County: Wirt Quadrangle: Girta 7.5'
- 6) WELL OPERATOR CNG Development Company
 Address c/o Paul W. Garrett, P.O. Box 15746
Pittsburgh, PA 15244
- 7) DESIGNATED AGENT Mr. Gary Nicholas
 Address Crosswind Corporate Park
Rt. 2, Box 698, Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Mr. Homer Dougherty
 Address Linden Rt., Box 3-A
Looneyville, WV 25259
- 9) DRILLING CONTRACTOR:
 Name Sam Jack Drilling Company
 Address P. O. Box 48
Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Devonian Shale
- 12) Estimated depth of completed well, 4600 feet
- 13) Approximate strata depths: Fresh, ± 355' feet; salt, _____ feet.
- 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes No _____
- 15) CASING AND TUBING PROGRAM

RECEIVED
 AUG - 8 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

| 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 | 16 | | | | | 20-30 | | | Kinds |
| Fresh water | 11-3/4 | H-40 | 42 | X | | 385' 250 | 385' 250 | To surface | By Rule 15.05 |
| Coal | | | | | | | | | Sizes |
| Intermediate | 8-5/8 | X-42 | 23 | X | | 1600 | 1600 | To surface | By Rule 15.05 |
| Production | 4-1/2 | J-55 | 10.5 | X | | 4600 | 4600 | 200-400 sks | 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 47-105-1149 Date August 29, 19 84

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 29, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

| | | | | |
|-----------------|------------------|-----------------|-------------------|---------------------|
| Bond: <u>28</u> | Agent: <u>LS</u> | Plat: <u>MU</u> | Casing: <u>MU</u> | Fee: <u>003-432</u> |
|-----------------|------------------|-----------------|-------------------|---------------------|

Margaret J. Hesse
 Administrator, Office of Oil and Gas

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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS
OFFICE USE ONLY

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

1) LOCATION: Burning Springs, Boone County, West Virginia

2) WELL OPERATOR: C/O Paul W. Garrett, P.O. Box 15746, Pittsburgh, PA 15244

3) DRILLING CONTRACTOR: Sam Jack Drilling Company, Rt. 2, Box 688, Bridgeport, WV 26330

4) PROPOSED WELL WORK: [Blank]

5) GEOLOGICAL INFORMATION: Devonian Shale

6) ESTIMATED DEPTH OF COMPLETED WELL: 4500

7) APPROXIMATE DEPTH OF CASING: 3825

8) APPROXIMATE CASING WEIGHT: 2.75

9) CASING AND TUBING PROGRAM: [Blank]

RECEIVED
AUG 8 1984
OIL & GAS DIVISION
DEPT. OF MINES

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: Magnum 2-100

Reason: _____

| | | | |
|---------|----|----|----|
| Blanket | MM | MM | MM |
|---------|----|----|----|

1) Date: August 3, 1984
2) Operator's Well No. 991
3) API Well No. 47-105-1149
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 Westvaco Corporation
Address P. O. Box 4216
Parkersburg, WV 26101
(ii) Name
Address
(iii) Name
Address

5(i) COAL OPERATOR
Address
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD
Name See Attached Sheet
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 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.

RECEIVED
AUG - 8 1984
GAS DIVISION
DEPT. OF MINES

6) EXTRACTION RIGHTS

Check and provide one of the following:

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

7) ROYALTY PROVISIONS

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

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

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

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

Paul W. Garrett

this 3rd day of August, 1984.

My commission expires 5/25, 1987.

Yvonne T. Green

WELL OPERATOR CNG Development Company

By Paul W. Garrett
Its Manager, Well Programs, Paul W. Garrett
Address P. O. Box 15746

Pittsburgh, PA 15204
Telephone 412-787-4090

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:

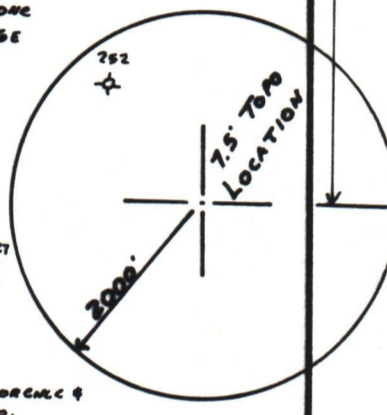
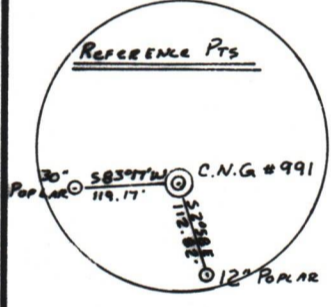
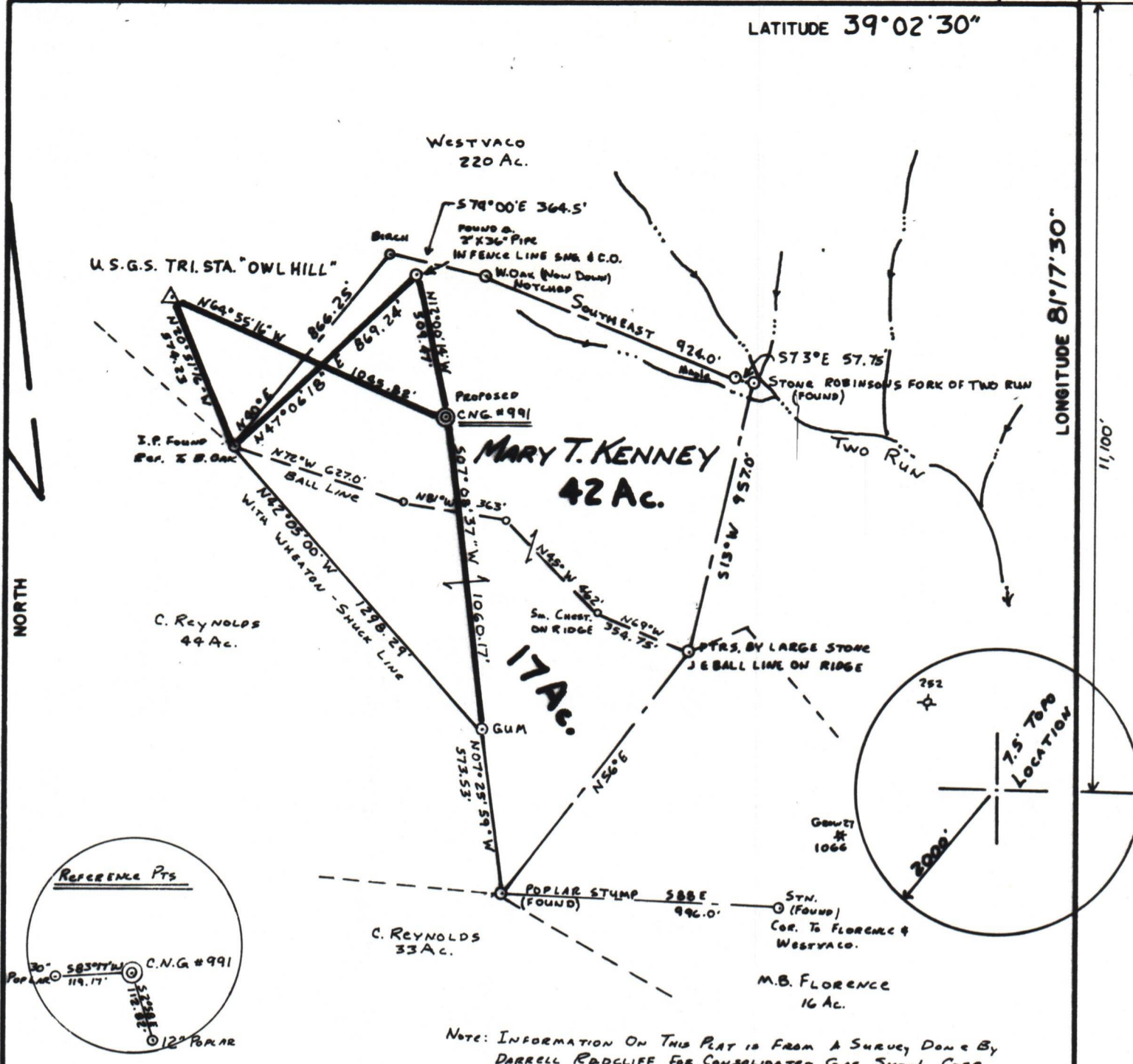
| <u>Grantor, lessor, etc.</u> | <u>Grantee, lessee, etc.</u> | <u>Royalty</u> | <u>Book</u> | <u>Page</u> |
|------------------------------|---|----------------|-------------|-------------|
| Mary T. Kenney | Hope Natural Gas Company | 1/8 | 124 | 420 |
| as of 1/1/84 assigned to | Consolidated Gas Transmission Corporation | 1/8 | 170 | 990 |

WV 8/29/84

1100'

LATITUDE 39°02'30"

LONGITUDE 81°17'30"



NOTE: INFORMATION ON THIS PLAT IS FROM A SURVEY DONE BY DARRELL RADCLIFF FOR CONSOLIDATED GAS SUPPLY CORP.

FILE NO. _____
 DRAWING NO. 84043
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200'
 PROVEN SOURCE OF ELEVATION B.M. INTERSECTION OF Co. Rd. 29 & 312 Elev. 1045'

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) James T. Kubi
 R.P.E. 3698 L.I.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 7-31, 1984
 OPERATOR'S WELL NO. C.N.G. # 991
 API WELL NO. 47-105-1149
 STATE COUNTY PERMIT

WELL TYPE: OIL X GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW X)
 LOCATION: ELEVATION 1055' WATER SHED TWO RUN
 DISTRICT BURNING SPRINGS COUNTY WIRT
 QUADRANGLE GIRTA (75)
 SURFACE OWNER WEST VIRGINIA PULP & PAPER ACREAGE 59
 OIL & GAS ROYALTY OWNER MARY E. DONAHUE LEASE ACREAGE 59 LEASE NO. 72858
 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 UPPER DEVONIAN SHALE ESTIMATED DEPTH 4600'
 WELL OPERATOR C.N.G. DEVELOPMENT CO. DESIGNATED AGENT GARY A. NICHOLAS
 ADDRESS ONE PARK RIDGE CENTER ADDRESS CROSSWIND CORPORATE PARK
PITTSBURGH, PA. 15224 BRIDGEPORT, WV. 26330

CNGD Well No. 991
Mary T. Kenney
Wirt County, WV

COAL OWNERS

Mary Ethel Donohoe
1428 Seventh Avenue
Huntington, WV 25701

11/15 Interest

Jeanne K. Ross
P. O. Box 441
Clendenin, WV 25045

1/3 of 4/15 Interest

Clarice K. Barnes
3656 Western Avenue
Alton, IL 62002

1/3 of 4/15 Interest

Helen K. Frederick
605 McNeil Road
Silver Spring, MD 20910

1/3 of 4/15 Interest

RECEIVED

AUG - 8 1984

OIL & GAS DIVISION
DEPT. OF MINES

01/05/2024

01/05/2024

IV-9 (Rev 8-81)



State of West Virginia

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME C.N.G. Development Co.
I Park Ridge Center
Address Pittsburgh, Pa. 15244
Telephone 412-429-2390
LANDOWNER Westvaco

DESIGNATED AGENT Gary A. Nicholas
Address Rt. 2, Box 698
Bridgport, WV 26330
Telephone 304-623-8134
SOIL CONS. DISTRICT Little Kanawha
Gary A. Nicholas (Agent)

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

RECEIVED

7-30-84 (Date)
Garnett Newton (SCD Agent)

AUG - 8 1984

DEPT. OF MINES
OIL & GAS DIVISION

ACCESS ROAD
Structure Drainage Ditch
Spacing Along Access Road
Page Ref. Manual 2:12
Structure Culvert
Spacing 12" Min-42" Max ID (shown on plat)
Material Mulching
Page Ref. Manual 3:6 to 3:7
Structure Sediment Barrier
Material Hay bales & brush from site
Page Ref. Manual 2:16 & 2:18

(A) Structure Drainage Ditch
Spacing Along Access Road
Page Ref. Manual 2:12
Structure Culvert
Spacing 12" Min-42" Max ID (shown on plat)
Material Mulching
Page Ref. Manual 3:6 to 3:7
Structure Sediment Barrier
Material Hay bales & brush from site
Page Ref. Manual 2:16 & 2:18

(B) Structure Culvert
Spacing 12" Min-42" Max ID (shown on plat)
Material Mulching
Page Ref. Manual 3:6 to 3:7
Structure Sediment Barrier
Material Hay bales & brush from site
Page Ref. Manual 2:16 & 2:18

(C) Structure Cross Drains
Spacing 2:1 to 2:6
Page Ref. Manual 2:7 to 2:11
Structure Sediment Barrier
Material Hay bales & brush from site
Page Ref. Manual 2:16 & 2:18

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

REVEGETATION

Treatment Area I
Lime 3.0 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or straw 2 Tons/acre
Seed* KY. 31 Tall Rescue 4 lbs/acre
Rye Grass 10 lbs/acre
Ladino Clover 5 lbs/acre

Treatment Area II
Lime 3.0 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or straw 2 Tons/acre
Seed* KY. 31 Tall Rescue 4 lbs/acre
Rye Grass 10 lbs/acre
Ladino Clover 5 lbs/acre

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

PLAN PREPARED BY Olin Shockey
Olin Shockey

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

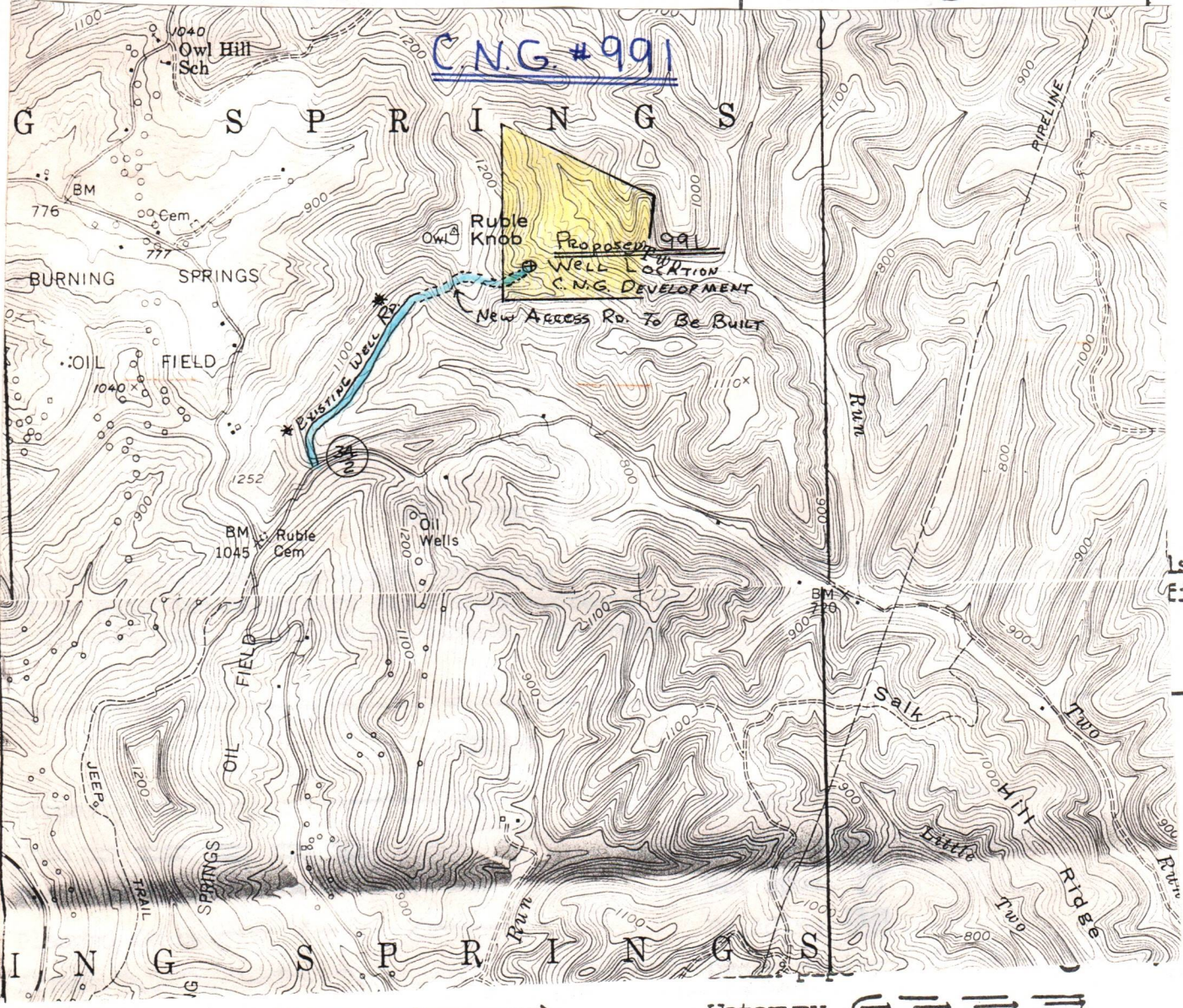
PHONE NO. 304-273-2246
Ravenswood, WV 26164
ADDRESS Rt. 1, Box 139-B

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE Girta (7.5')

LEGEND

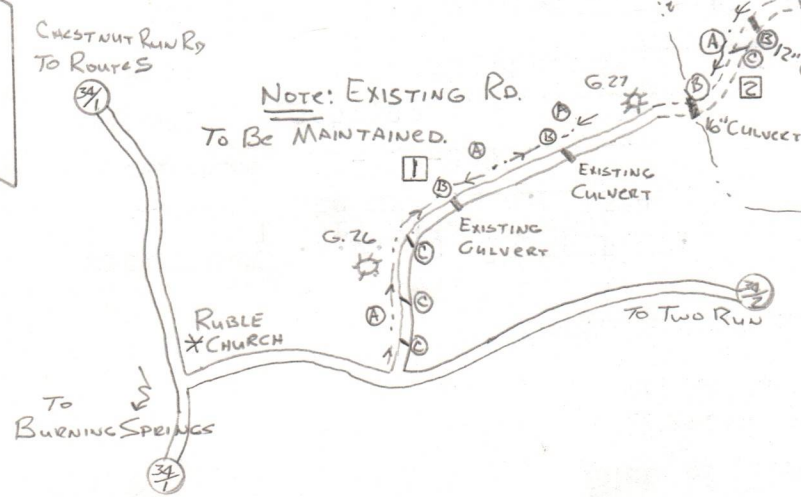
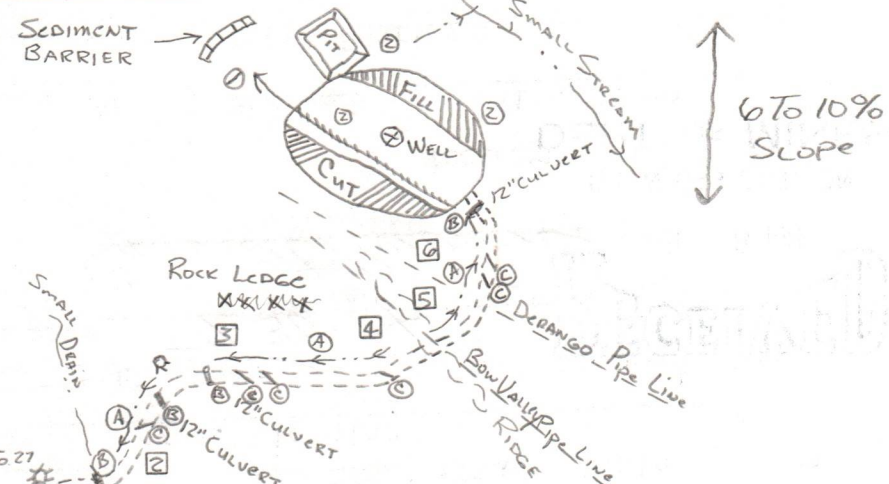
Well Site ⊕



Open ditch Waterway

| LENGTH OF Access Rd. | % SLOPE | SPACING OF CROSS DRAIN To Be MAINTAINED |
|----------------------|-----------|---|
| 1 2300' | VARIABLES | 130' |
| 2 500' | 6% | 100' |
| 3 600' | 8% | 80' |
| 4 900' | 10% | As Needed |
| 5 300' | 0 to 2% | 80' |
| 6 500' | 10% | |

5100' TOTAL ACCESS ROAD



01/05/2024

Access to the well site will be gained by upgrading and maintaining 2300' of existing gas rd., and constructing about 2800' of new access road, beginning at junction point in Wirt Co. Rd. 34/2. All outlets of drainage structures and ditches will be to stable areas. Location is now on the side slope covered with brush and timber. Brush and timber above 6" will be cut and stacked. Road and well site will be brought to desired grade with erosion control structures being installed in conjunction with the grading.

P 626 988 867

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL

(See Reverse)

| | |
|---|----|
| Sent to Westvaco Corporation | |
| Street and No. P. O. Box 4216 | |
| P.O., State and ZIP Code Parkersburg, WV 26101 | |
| Postage | \$ |
| Certified Fee | ✓ |
| Special Delivery Fee | |
| Restricted Delivery Fee | |
| Return Receipt Showing to whom and Date Delivered | ✓ |
| Return receipt showing to whom, Date, and Address of Delivery | |
| TOTAL Postage and Fees | \$ |
| Postmark or Date | |

P 626 988 870

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL

(See Reverse)

| | |
|---|----|
| Sent to Ms. Mary Ethel Donohoe | |
| Street and No. 1428 Seventh Ave. | |
| P.O., State and ZIP Code Huntington, WV 25701 | |
| Postage | \$ |
| Certified Fee | ✓ |
| Special Delivery Fee | |
| Restricted Delivery Fee | |
| Return Receipt Showing to whom and Date Delivered | ✓ |
| Return receipt showing to whom, Date, and Address of Delivery | |
| TOTAL Postage and Fees | \$ |
| Postmark or Date | |

P 626 988 869

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL

(See Reverse)

| | |
|---|----|
| Sent to Ms. Jeanne K. Ross | |
| Street and No. P. O. Box 441 | |
| P.O., State and ZIP Code Clendenin, WV 25045 | |
| Postage | \$ |
| Certified Fee | ✓ |
| Special Delivery Fee | |
| Restricted Delivery Fee | |
| Return Receipt Showing to whom and Date Delivered | ✓ |
| Return receipt showing to whom, Date, and Address of Delivery | |
| TOTAL Postage and Fees | \$ |
| Postmark or Date | |

P 626 988 868

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL

(See Reverse)

RECEIVED
AUG - 8 1984
OIL & GAS DIVISION
DEPT. OF MINES

| | |
|---|----|
| Sent to Ms. Clarice K. Barnes | |
| Street and No. 3656 Western Ave. | |
| P.O., State and ZIP Code Alton, IL 62002 | |
| Postage | \$ |
| Certified Fee | ✓ |
| Special Delivery Fee | |
| Restricted Delivery Fee | |
| Return Receipt Showing to whom and Date Delivered | ✓ |
| Return receipt showing to whom, Date, and Address of Delivery | |
| TOTAL Postage and Fees | \$ |
| Postmark or Date | |

P 626 988 871

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL

(See Reverse)

| | |
|---|----|
| Sent to Ms. Helen K. Frederick | |
| Street and No. 605 McNeil Road | |
| P.O., State and ZIP Code Silver Spring, MD 20910 | |
| Postage | \$ |
| Certified Fee | ✓ |
| Special Delivery Fee | |
| Restricted Delivery Fee | |
| Return Receipt Showing to whom and Date Delivered | ✓ |
| Return receipt showing to whom, Date, and Address of Delivery | |
| TOTAL Postage and Fees | \$ |
| Postmark or Date | |



B-1



MAR 19 1985

OIL & GAS DIVISION
DEPT. OF MINES

RECEIVED

IV-35
(Rev 8-81)

DEC 10 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date November 14, 1984
Operator's
Well No. CNGD WN 991
Farm KENNY
API No. 47 - 105 - 1149

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1055' Watershed Two Run LK36
District: Burning Spring County Wirt Quadrangle Girta 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 W.Va. Pulp & Paper

ADDRESS aka Westvaco Corp. P.O. Box 4216, Parkersburg, WV 26101

MINERAL RIGHTS OWNER Mary E. Donahue

ADDRESS 1428 7th Ave., Huntington, WV 25701

OIL AND GAS INSPECTOR FOR THIS WORK

Homer Dougherty ADDRESS Linden Rt. Box 3-A Looneyville, WV 25259

PERMIT ISSUED 8-29-84

DRILLING COMMENCED 9-27-84

DRILLING COMPLETED 10-3-84

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. | | | |
| 11 3/4 13-10" | 243 | 243 | To surf |
| 9 5/8 | | | |
| 8 5/8 | 1647 | 1647 | To surf |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | 4566 | 4566 | 480 sks |
| 3 | | | |
| 2 | | | |
| Liners used | | | |

GEOLOGICAL TARGET FORMATION Upper Devonian Shale Depth 4600 feet

Depth of completed well 4600 feet Rotary x / Cable Tools

Water strata depth: Fresh feet; Salt feet

Coal seam depths: 215 - 218 Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Devonian Shale Devonian Shale Devonian Shale Pay zone depth 3393 - 3608 2440 - 2624 3187 - 2297 feet

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

Final open flow (est) 250 Mcf/d Final open flow (est) 200 Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure (est) 180 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

01/05/2024

(Continue on reverse side)

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

Perfco Perforated;
Devonian Shale 3393 - 3608; 22 holes; .39
2240 - 2624; .39
2187 - 2297; .39

B.J. Hughes 3 stage Fracture

| | | | |
|-----------------|---------|---------|---------|
| Break | 2780 | 2200 | 2360 |
| Avg. Rate SCF/M | 72,000 | 72,000 | 72,000 |
| Avg PSI | 2480 | 2020 | 1900 |
| HCL - EQH | 500 gal | 500 gal | 500 gal |
| Total N 2 (SCF) | 800,000 | 800,000 | 800,000 |
| ISIP | 1820 | 1360 | 1440 |
| 5 min | 1620 | 1280 | 1320 |

WELL LOG

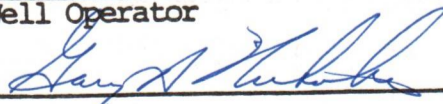
| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS Including indication of all fresh and salt water, coal, oil and gas |
|-----------------|-------|--------------|----------|-------------|--|
| Clay | | | 0 | 5 | Coal 215 - 218 |
| Shale, Sand | | | 5 | 215 | |
| Coal | | | 215 | 218 | |
| Shale, Sand, RR | | | 218 | 1545 | |
| Big Lime | | | 1545 | 1645 | |
| Shale | | | 1645 | 1660 | |
| Injun | | | 1660 | 1680 | |
| Sand, Shale | | | 1680 | 4600 | |
| <u>LOG TOPS</u> | | | | | |
| Big Lime | | | 1530 | - | |
| Big Injun | | | - | 1660 | |
| Pocono | | | 1677 | 1701 | |
| Berea | | | 2117 | 2120 | |
| Devonian Shale | | | 2120 | 4579 | |

(Attach separate sheets as necessary)

CNG DEVELOPMENT COMPANY

Well Operator

By:



01/05/2024

Date:

November 14, 1984

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

B-3

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

RECEIVED
SEP 18 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 105-1149

Oil or Gas Well _____
(KIND)

Company C. G. N Development Co.

Address Pittsburgh, Pa.

Farm Mary E. Donahue

Well No. 991

District Big Springs County West

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

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

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

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

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

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Status Report

Remarks: 9/13/84 unexpected construction on Road & Location. S.W. Jack Crew cutting brush & Limbs off of Road Right of Way. piling brush & stacking salvagable timber. No grading done yet on Location.

9/13/84
DATE

Homer H. D. [Signature]
01/05/2024
DISTRICT WELL INSPECTOR

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

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks: _____

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

DATE

DISTRICT WELL INSPECTOR
01/05/2024

B-4

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

RECEIVED

OCT 2 - 1984

INSPECTOR'S WELL REPORT & GAS DIVISION

DEPT. OF MINES

Permit No. 105-1149

Oil or Gas Well
(KIND)

| | | | | |
|---|---|------------------|--------------|----------------------|
| Company <u>CNB Development Co.</u> | CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
| Address <u>Pittsburgh, Pa.</u> | Size | | | |
| Farm <u>Mary E. Donahue</u> | 16 | | | Kind of Packer _____ |
| Well No. <u>991</u> | 13 | | | Size of _____ |
| District <u>B. Springs</u> County <u>West</u> | <u>11 3/4</u> | | <u>225</u> | Depth set _____ |
| Drilling commenced <u>9/27/84</u> | 8 1/4 | | | Perf. top _____ |
| Drilling completed _____ Total depth _____ | 6 5/8 | | | Perf. bottom _____ |
| Date shot _____ Depth of shot _____ | 5 3/16 | | | Perf. top _____ |
| Initial open flow _____ /10ths Water in _____ Inch | 3 | | | Perf. bottom _____ |
| Open flow after tubing _____ /10ths Merc. in _____ Inch | 2 | | | Perf. top _____ |
| Volume _____ Cu. Ft. | Liners Used | | | Perf. bottom _____ |
| Rock pressure _____ lbs. _____ hrs. | CASING CEMENTED <u>11 3/4</u> SIZE <u>225</u> No. FT. <u>9/28/84</u> Date | | | |
| Oil _____ bbls., 1st 24 hrs. | NAME OF SERVICE COMPANY <u>Halliburton</u> | | | |
| Fresh water _____ feet _____ feet | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES | | | |
| Salt water _____ feet _____ feet | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |
| | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |

Drillers' Names Mike Ware Pushes Hank Snow

S.W. Jack Drilling Rig #12

Remarks: 9/27/84 Mould on location & rigged up + started drilling.
9/28/84 Ran 225 ft of 11 3/4" surface pipe and cemented with 130 sacks of neat 3% CC + 4 1/2 of flocc.
Plug down 7:00 A.M. by Halliburton.

9/28/84
DATE

Homer H. Doughty
DISTRICT WELL INSPECTOR

01052024

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

RECEIVED
OCT 2 - 1982

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks: _____

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

DATE

DISTRICT WELL INSPECTOR

01/05/2024

B-5

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

RECEIVED
OCT 10 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 105-1149

Oil or Gas Well _____
(KIND)

Company CNO Development Co.
 Address Pittsburgh, Pa.
 Farm Mary E. Donahue
 Well No. 991
 District B. Springs County Wirt
 Drilling commenced 9/27/84
 Drilling completed 10/3/84 Total depth 4600
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

| CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
|-------------------|------------------|--------------|----------------------|
| Size | | | |
| 16 | | | Kind of Packer _____ |
| 13 | | | |
| 10 | | | Size of _____ |
| 8 5/8 | | 1638 | |
| 6 3/4 | | | Depth set _____ |
| 5 3/16 | | | |
| 4 1/2 | | 4541 | Perf. top _____ |
| 2 | | | Perf. bottom _____ |
| Liners Used | | | Perf. top _____ |
| | | | Perf. bottom _____ |

CASING CEMENTED 8 5/8 SIZE 1638 No. FT. 9/30/84 Date
 NAME OF SERVICE COMPANY Halliburton
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Mike Ware Pusher Hank Snow

Remarks: S. Mack Drilling Rig # 12
9/30/84 Ran 1638 ft of 8 5/8" pipe and cemented with 285 sacks of 50/50 pozmix and 100 sacks of Neot, plug down 1:00 P.M. by Halliburton.
10/3/84 F.D. of Well 4600 ft Ran 4541 ft of 4 1/2" pipe & cemented with 480 sacks of 50/50 pozmix Plug down 6:30 P.M. by Halliburton
10/4/84 Rig Tore down & moving off of Location.

10/4/84
DATE

Homer H. Dougherty
DISTRICT WELL INSPECTOR

01/05/2024

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

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks:

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

DISTRICT WELL INSPECTOR
01/05/2024

B-6

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

RECEIVED
NOV 28 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 105-1149

Oil or Gas Well _____
(KIND)

Company C. N. G. Development
 Address Pittsburg, Pa.
 Farm Mary E. Donahue
 Well No. 991
 District Burning Springs County West
 Drilling commenced 9/27/84
 Drilling completed 10/3/84 Total depth 4600
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

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

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Status Report

Remarks: 11/20/84 Crew hooking up well for production. setting three 200 B.B.L. Tanks. Pit has been filled in.

11/20/84
DATE

Homer H. Prosser
DISTRICT WELL INSPECTOR
01/05/2024

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

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks: _____

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

DATE

_____ DISTRICT WELL INSPECTOR

01/05/2024

B-7

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

RECEIVED

JAN 29 1985

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 105-1149

Oil or Gas Well _____
(KIND)

Company C. N. G. Development Co.
 Address Pittsburg, Pa.
 Farm Mary E. Donahue
 Well No. # 991
 District Burning Springs County West
 Drilling commenced 9-27-84
 Drilling completed 10-3-84 Total depth 4600
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

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

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Status Report

Remarks: Possibly wasting gas to produce oil
1-24-85 Inspected well about production, well hooked up with separator and 3 210 tanks. gas line laid + meter set, gas going to sell to Darenco Inc.

1-24-85
DATE

Homer H. Doughty
 01/05/2024
 DISTRICT WELL INSPECTOR

Form 26
2/16/82

RECEIVED
DEPT. OF MINES
OIL & GAS DIVISION

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

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks:

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

DATE

DISTRICT WELL INSPECTOR
01/05/2024

RECEIVED

MAR 19 1985

OIL & GAS DIVISION
DEPT. OF MINES

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

Date: March 14, 1985

Operator's 991
Well No. CNGD 991

API Well No. 47 - 105 - 1149
State County Permit

WELL OPERATOR'S REPORT
OF
INITIAL GAS-OIL RATIO TEST

WELL OPERATOR CNG Development Company
Address Rt. 2, Box 698
Bridgeport, WV 26330

DESIGNATED AGENT Gary A. Nicholas
Address Same

GEOLOGICAL TARGET FORMATION: Devonian Shale Depth 4600 feet
Perforation Interval 3393-3608 feet
2440-2624
3187-2297

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 21.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

| TEST DATA | | | | |
|----------------------------|---|---|-----------------------|------------------|
| START OF TEST-DATE | TIME | END OF TEST-DATE | TIME | DURATION OF TEST |
| <u>3-6-85</u> | <u>8:15AM</u> | <u>3-7-85</u> | <u>8:15AM</u> | <u>24 hrs.</u> |
| TUBING PRESSURE | CASING PRESSURE | SEPARATOR PRESSURE | SEPARATOR TEMPERATURE | |
| <u>N/A</u> | <u>120</u> | | | |
| OIL PRODUCTION DURING TEST | GAS PRODUCTION DURING TEST | WATER PRODUCTION DURING TEST & SALINITY | | |
| bbls. | Mcf | bbls. ppm. | | |
| <u>45</u> | <u>152</u> | <u>0</u> <u>N/A</u> | | |
| OIL GRAVITY | PRODUCING METHOD (Flowing, pumping, gas lift, etc.) | | | |
| <u>45</u> | <u>Flowing</u> | | | |

| GAS PRODUCTION | | |
|-------------------------------------|-----------------------------------|---|
| MEASUREMENT METHOD | POSITIVE CHOKE | |
| FLANGE TAP <input type="checkbox"/> | PIPE TAP <input type="checkbox"/> | CRITICAL FLOW PROVER <input type="checkbox"/> |
| ORIFICE DIAMETER | PIPE DIAMETER (INSIDE DIAM.) | NOMINAL CHOKE SIZE - IN. |
| DIFFERENTIAL PRESSURE RANGE | MAX. STATIC PRESSURE RANGE | PROVER & ORIFICE DIAM. - IN. |
| DIFFERENTIAL | STATIC | GAS GRAVITY (Air=1.0) |
| GAS GRAVITY (Air=1.0) | FLOWING TEMPERATURE | MEASURED _____ ESTIMATED _____ |
| 24 HOUR COEFFICIENT | GAS TEMPERATURE _____ °F | |
| | 24 HOUR COEFFICIENT | |
| | PRESSURE - _____ psia | |

| TEST RESULTS | | | |
|------------------|------------------|-----------------|--------------------|
| DAILY OIL | DAILY WATER | DAILY GAS | GAS-OIL RATIO |
| <u>173</u> bbls. | <u>150</u> bbls. | <u>152</u> Mcf. | <u>879</u> SCF/STE |

80/10 thru 1 1/2" w/water
Merla Flow meter
= 152 mcf/d.

CNG Development Company
Well Operator
By: Gary A. Nicholas
Its: Manager, Southern Division Production

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

RECEIVED
APR 23 1985

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 106-1149

Oil or Gas Well _____
(KIND)

| Company | Address | Farm | Well No. | District | Drilling commenced | Drilling completed | Date shot | Initial open flow | Open flow after tubing | Volume | Rock pressure | Oil | Fresh water | Salt water | CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
|---------------------------------|-----------------------|------------------------|------------|-------------------------------------|--------------------|--------------------|-----------|-------------------|------------------------|--------|---------------|-----|-------------|------------|---|------------------|--------------|----------------|
| | | | | | | | | | | | | | | | Size | | | Kind of Packer |
| <u>C. N. G. Development Co.</u> | <u>Pittsburg, Pa.</u> | <u>Mary E. Donahue</u> | <u>991</u> | <u>Burming Springs County, West</u> | | | | | | | | | | | 16 | | | |
| | | | | | | | | | | | | | | | 13 | | | |
| | | | | | | | | | | | | | | | 10 | | | Size of |
| | | | | | | | | | | | | | | | 8 1/4 | | | |
| | | | | | | | | | | | | | | | 6 5/8 | | | Depth set |
| | | | | | | | | | | | | | | | 5 3/16 | | | |
| | | | | | | | | | | | | | | | 3 | | | Perf. top |
| | | | | | | | | | | | | | | | 2 | | | Perf. bottom |
| | | | | | | | | | | | | | | | Liners Used | | | Perf. top |
| | | | | | | | | | | | | | | | | | | Perf. bottom |
| | | | | | | | | | | | | | | | CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____ | | | |
| | | | | | | | | | | | | | | | NAME OF SERVICE COMPANY _____ | | | |
| | | | | | | | | | | | | | | | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES | | | |
| | | | | | | | | | | | | | | | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |
| | | | | | | | | | | | | | | | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |

Drillers' Names Status Report

Remarks:
4-19-85 - Inspected well to see if Reclamation had started, 6 months was up 4-3-85 Pit has been roughed in, no reclamation done on road on loc. Will contact C.N.G. 4-22-85

4-19-85
DATE

Homer H. Dougherty
DISTRICT WELL INSPECTOR
01/05/2024

Form 26
2/16/82

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

RECEIVED
APR 23 1982
OIL & GAS DIVISION
DEPT. OF MINES

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks: _____

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

[Handwritten Signature]

DISTRICT WELL INSPECTOR
01/05/2024

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

RECEIVED
MAY 7 - 1985
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 105-1149

Oil or Gas Well _____
(KIND)

| | | | | |
|---|---|------------------|--------------|----------------------|
| Company <u>C.N.D. Development</u> | CASING AND TUBING | USED IN DRILLING | LEFT IN WELL | PACKERS |
| Address <u>Pittsburg, Pa.</u> | Size | | | |
| Farm <u>Mary E. Donahue</u> | 16 | | | Kind of Packer _____ |
| Well No. <u>991</u> | 13 | | | |
| District <u>Burning Springs</u> County <u>West</u> | 10 | | | Size of _____ |
| Drilling commenced _____ | 8 1/4 | | | |
| Drilling completed _____ Total depth _____ | 6 5/8 | | | Depth set _____ |
| Date shot _____ Depth of shot _____ | 5 3/16 | | | |
| 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 | | | Perf. top _____ |
| Rock pressure _____ lbs. _____ hrs. | | | | Perf. bottom _____ |
| Oil _____ bbls., 1st 24 hrs. | CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____ | | | |
| Fresh water _____ feet _____ feet | NAME OF SERVICE COMPANY _____ | | | |
| Salt water _____ feet _____ feet | COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES | | | |
| | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |
| | _____ FEET _____ INCHES _____ FEET _____ INCHES | | | |

Drillers' Names Status Report

Remarks:
4-29-85 - Inspected reclamation with Ralph Miller of S. St. Jack Drilling Co., dozer + track back hoe working on reclamation, pit filled crew will finish grading today, will seed + mulch 4-30-85

4-29-85
DATE

Homer H. Dougherty
DISTRICT WELL INSPECTOR
01105/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OFFICE OF OIL AND GAS
CHARLESTON 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

RECEIVED
JUN 4 - 1985
OIL & GAS DIVISION
DEPT. OF MINES

Company: CNG DEVELOPMENT COMPANY
Farm: MV PULP & PAPER

Well: 991

Permit No. 47-105-1149
County: WIRT

| Rule | Description | In Compliance | |
|-------|---|---------------|----|
| | | Yes | No |
| 23.06 | Notification prior to starting work | ✓ | |
| 25.04 | Prepared before drilling to prevent waste | ✓ | |
| 25.03 | High pressure drilling | ✓ | |
| 16.01 | Required permits at wellsite | ✓ | |
| 15.03 | Adequate Fresh Water Casings | ✓ | |
| 15.02 | Adequate Coal Casings | ✓ | |
| 15.01 | Adequate Production Casings | ✓ | |
| 15.04 | Adequate Cement Strength | ✓ | |
| 15.05 | Cement Type | ✓ | |
| 23.02 | Maintained Access Roads | ✓ | |
| 25.01 | Necessary Equipment to Prevent Waste | ✓ | |
| 23.04 | Reclaimed Drilling Pits | ✓ | |
| 23.05 | No Surface or Underground Pollution | ✓ | |
| 23.07 | Requirements for Production & Gathering Pipelines | ✓ | |
| 11.01 | Well Records on Site | ✓ | |
| 11.02 | Well Records Filed | | |
| 7.05 | Identification Markings | | |

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

SIGNED Homer H. Dougherty
DATE 5/30/85

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

T. H. [Signature]
Administrator
June 7, 1985
Date

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 - 105 - 01149 - | | | | |
| 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.) | 3,608 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 Seller Code P. O. Box 15746 Street City Pittsburgh PA 15244 State Zip Code | | | | |
| 5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) | Burning Spring District Field Name Wirt WV County State | | | | |
| (b) For OCS wells: | Area Name Block Number Date of Lease: Mo. Day Yr. OCS Lease Number | | | | |
| (c) Name and identification number of this well: (35 letters and digits maximum.) | Kenny CNGD #991 | | | | |
| (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) | | | | | |
| 6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.) | Undetermined Name Buyer Code | | | | |
| (b) Date of the contract: | Mo. Day Yr. | | | | |
| (c) Estimated total annual production from the well: | 9 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 | 2 . 9 4 2 | ----- | ----- | ----- |
| 9.0 Person responsible for this application: | R. N. Metzler Manager Reserves Name Title Signature Date Application is Completed 11/16/84 412-787-4092 Phone Number | | | | |

| |
|--|
| Agency Use Only |
| Date Received by Juris. Agency NOV 21 1984 |
| Date Received by FERC |

DEC 13 1984

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: November 16, 19 84

Applicant's Name: CNG Development Company

Address: One Park Ridge Center
P.O. Box 15746
Pittsburgh, PA 15244

Gas Purchaser Contract No. N/A

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

First Purchaser: undetermined

Address: _____
(Street or P.O. Box)

(City) (State) (Zip Code)

FERC Seller Code _____

AGENCY USE ONLY
WELL DETERMINATION FILE NUMBER
841121 - 103 - 105 - 1149
Use Above File Number on all
Communications Relating to This Well

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: *R. N. Metzler*

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

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
- 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

AGENCY USE ONLY
QUALIFIED 01/05/2024

RECEIVED

NOV 21 1984

**OIL & GAS DIV.
DEPT. OF MINES**

Date Received

Determination Date

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

Date November 16, 1984
Operator's
Well No. #991
API Well No.
47 - 105 - 01149
State County Perm

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 1055'
Watershed Two Run
District Burning Spring County Wirt Quad. Girt

GAS PURCHASER undetermined

Gas Purchase Contract No. N/A

ADDRESS _____

Meter Chart Code N/A

ADDRESS _____

Date of Contract N/A

* * * * *

Date surface drilling was begun: 9/27/84

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

BHP = 196#
BHP = P₋₁ + P₋₁ (e GL 53.34 T₋₁)

AFFIDAVIT

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



R. N. Metzler
Manager Reserves

Pennsylvania
STATE OF ~~WEST VIRGINIA~~

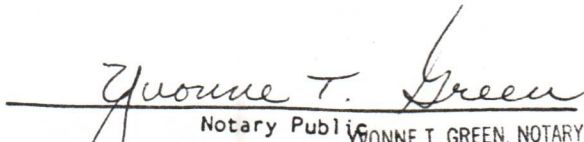
COUNTY OF Allegheny, TO WIT:

I, Yvonne T. Green, 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 16th day of November, 19 84, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 16th day of November, 1984.

My term of office expires on the 25th day of May, 1987.

[NOTARIAL SEAL]



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

RECEIVED
SEP 20 1985

ACCIDENT AND/OR FATALITY REPORT

PERMIT NUMBER 105-1149
OPERATOR C.N.G. Development
ADDRESS P.O. Box 15746
Pittsburgh, PA.
15244

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY
CONTRACTOR Alfred Mobil Home Access
ADDRESS Bridgeport, W. Va.

ACCIDENT DATE 9/18/85
AGE OF INJURED 21 - 22

TIME 9:30 to 10:00 A.M.

SPECIFIC JOB INJURED WAS PERFORMING May have been using cutting torch
Crew was installing Walkway and hand Railing on 3 new 210B.B.I.
PROBABLE LOST TIME DUE TO INJURY tanks.

NATURE OF INJURY _____

NAME OF INJURED Dan Alfred
ADDRESS Bridgeport, W. Va.

SOCIAL SECURITY NUMBER _____

IF FATALITY, PLEASE EXPLAIN One of three new tanks that was being
hooked up exploded. Victim was possibly on top of tank
EXPLAIN ACCIDENT IN DETAIL or on walk way that was being installed
Bottom was blown out of tank and tank was blown into
air, and landed approx. 60 ft. from tank site.
Victim was possibly thrown through air with tank.
Tank did not have any fluid in it, and there was no fire
after explosion. Evidentially gas had accumulated in tank
from other oil tanks through equalizer line. No cutting
had been done on tank, all work was done on walkway posts.

DATE Sept. 18, 1985 Two other employees of Contractor were on loc. when
accident happened. They transported
SIGNED Homer H. Dougherty Victim to Grantsville to hospital where
he was pronounced dead.

I met with John Moore of C.N.G. at 2:00 p.m. on Loc.
C.N.G. personnel took pictures of tank and all parts and
ittings that were blown on location, over approx.
100 ft. area.

- CHAS.

85 11: 44

RECEIVED
DEC 11 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

RECL

20 SE

01/05/2024

A-11
CONSOLIDATED GAS TRANSMISSION CORPORATION
445 West Main Street
Clarksburg, West Virginia 26302-2450
Phone 304/623-8000

RECEIVED

SEP 18 1984

OIL & GAS DIVISION
DEPT. OF MINES



PART OF THE CONSOLIDATED NATURAL GAS SYSTEM

September 17, 1984

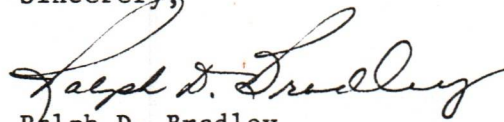
Mr. Theodore M. Streit, Administrator
Office of Oil and Gas
1613 Washington Street, East
Charleston, WV 25305

Dear Ted:

Please cancel Permit Number 47-105-1124 for Consolidated Gas Supply Corporation Well #12916.

This well will be drilled under Permit Number 47-105-1149 by CNG Development Company, their serial number CNG-991.

Sincerely,


Ralph D. Bradley
Supervisor, Production Office

RDB:jAee

xc: A. R. Campbell
E. R. Vozniak
J. L. Davis
Greg Sigley

01/05/2024