

RECEIVED

DEC 28 1984



1) Date: December 12, 19 84
 2) Operator's Well No. 1282
 3) API Well No. 47 - 033 - 3151
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 OIL & GAS DIVISION
 DEPT. OF MINES
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: 1231.2 Watershed: Isaacs Creek
 District: Union County: Harrison Quadrangle: West Milford 7.5
- 6) WELL OPERATOR CNG Development Company
 Address c/o Paul W. Garrett, 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 Stephen Casey
 Address Rt. 2, Box 232-D
Jane Lew, WV 26378
- 9) DRILLING CONTRACTOR:
 Name Sam Jack Drilling Company
 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, Alexander
- 12) Estimated depth of completed well, 5100 feet
- 13) Approximate trata depths: Fresh, 29,64,1584 feet; salt, - feet.
- 14) Approximate coal seam depths: 182-187 Is coal being mined in the area? Yes / No X

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	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		1650	1650	To Surface	By Rule 15.05
Production	4 1/2	J-55	10.5	X		5100	5100	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 47-033-3151 Date February 5, 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 February 5, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent: <u>✓</u>	Plat:	Casing	Fee
<u>28</u>	<u>MH</u>	<u>MH</u>	<u>MH</u>	<u>004</u> <u>999</u>

Margaret J. Hassel
 Administrator, Office of Oil and Gas

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

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

File

CNGD Well No. 1282
J. H. Summerville
Harrison County, WV

COAL OWNERS

Interest

Willis G. Tetrick Jr. 4/15
Box 267
Clarksburg, WV 26301

Margaret Anne Tetrick 4/15
c/o Willis G. tetrick, Jr.
Box 267
Clarksburg, WV 26301

Catherine Tetrick Sutton 4/15
c/o Willis G. Tetrick, Jr.
Box 267
Clarksburg, WV 26301

Willis G. Tetrick, Jr. 1/5
c/o Union National Bank of Clarksburg, Trustees
National Bank Building
Clarksburg, WV 26301

Maxwell Y. Sutton 1/5
c/o Union National Bank of Clarksburg, Trustees
National Bank Building
Clarksburg, WV 26301

1) Date: December 12, 1984
2) Operator's Well No. 1282
3) API Well No. 47-033-3151
State County Permi

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 Consolidation Coal Company
Address Consol Plaza
Pittsburgh, PA 15241

(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 Consolidation Coal Company

Address Consol Plaza
Pittsburgh, PA 15241

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 12 day of December, 1984.

My commission expires MAY 25, 1987.

Yvonne T. Green
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

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

RECEIVED
DEC 28 1984
DEPT. OF MINES
OIL & GAS DIVISION

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)

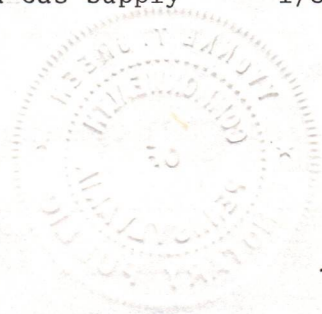
Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (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>
7/28/13	J. H. Summerville, et ux	Reserve Gas Company	Oil 1/8 Gas \$75 Qr.	288	306
2/16/77	J. H. Summerville, et ux	Consolidated Gas Supply Corporation	1/8	1061	207

RECEIVED

DEPT. OF MINES
Oil & Gas Division



THOMAS J. GREEN, Notary Public
PITTSBURGH ALLEGHENY COUNTY, PA.
MY COMMISSION EXPIRES MAY 28, 1981

FARM J.H.Sommerville Heirs DISTRICT Union

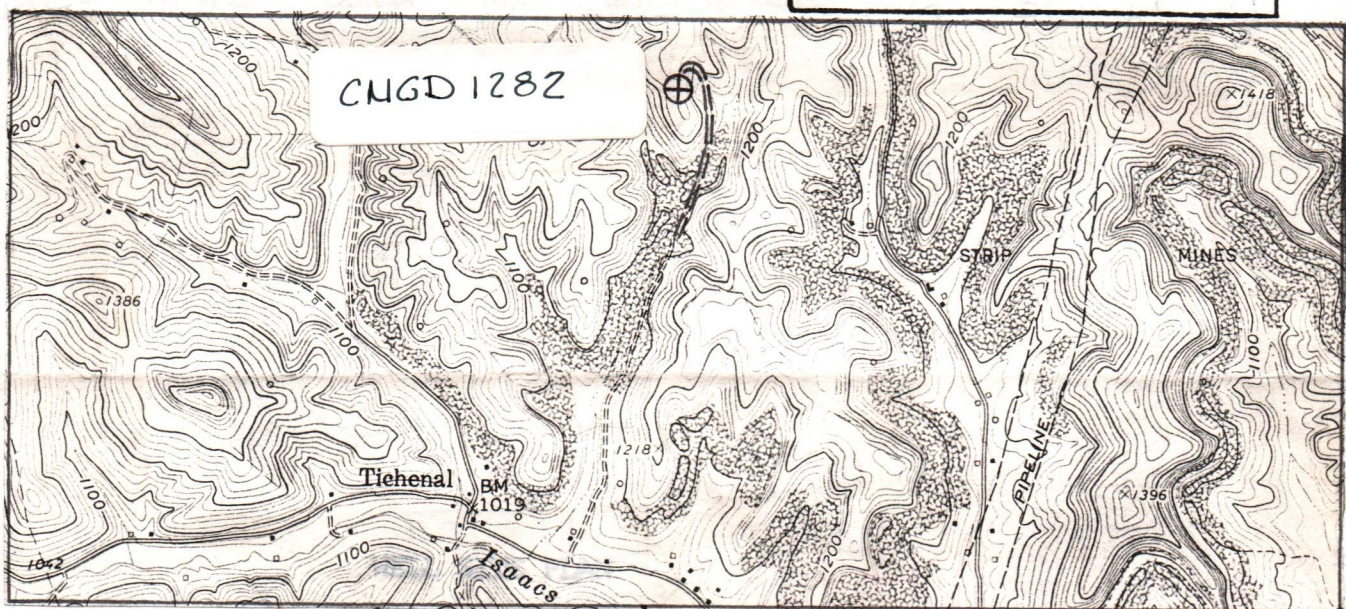
COUNTY Harrison

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE West Milford 7.5'

LEGEND

Well Site ⊕

Access Road ===



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

LEGEND

Property boundary ————

Road ===

Existing fence —x—x—

Planned fence —/—/—

Stream ~~~~~

Open ditch ———→

Diversion //////////////

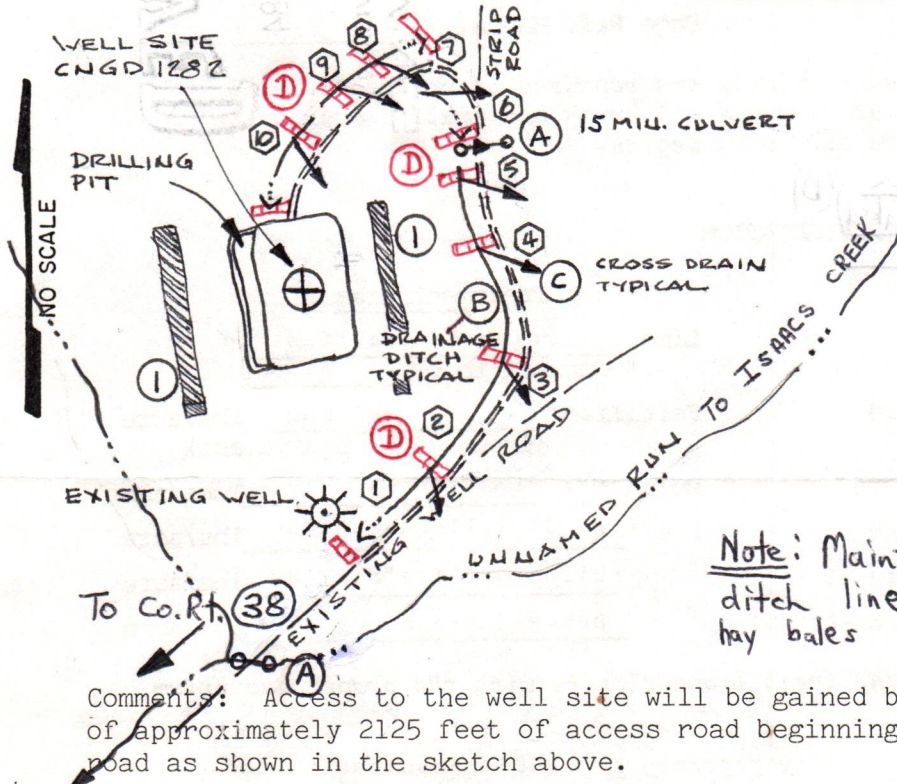
Spring ⊕→

Wet spot ☼

Building ■

Drain pipe —○→○→○→

Waterway ⊕≡≡≡



○	ROAD	GRADE	CROSS DRAIN
1	400'	+1%	400'
2	150'	+1%	AS NEEDED
3	300'	+5%	135'
4	300'	+2%	250'
5	200'	+3%	135'
6	50'	+1%	AS NEEDED
7	175'	+13%	60'
8	200'	+9%	80'
9	100'	+5%	AS NEEDED
10	250'	-2%	250'

Note: Maintain cross drains, culverts and a ditch line on existing well road. Place hay bales in ditch line for sediment control.

Comments: Access to the well site will be gained by constructing and upgrading a total of approximately 2125 feet of access road beginning at a point in an existing well road as shown in the sketch above.

The access road will be sloped 2-3% towards the open ditch. All outlets of drainage structures and ditches will be in a stable area. All brush and timber will be removed from the area to be disturbed prior to any earth moving activities. Topsoil will be stockpiled for use in reclaiming. The road and well site will be brought to desired grade with erosion control structures being installed in conjunction with the grading. All cuts will be 2:1 slope or less. Natural vegetation (filter strip) will remain undisturbed in areas between construction & natural water courses.



IV-9
(Rev 8-81)

DATE October 11, 1984

WELL NO. CNGD-1282

API NO. 47 - 033 - 3151

Rec'd. (WFSCD)
OCT 17 1984

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME CNG Development Company
Address One Park Ridge Center
Pittsburgh, PA 15244
Telephone (412) 429-2390
LANDOWNER Consolidated Coal Company

DESIGNATED AGENT Gary A. Nicholas
Address Crosswind Corporate Park
Bridgeport, WV 26330
Telephone (304) 623-8840
SOIL CONS. DISTRICT West Fork

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

This plan has been reviewed by West Fork SCD. All corrections and additions become a part of this plan: 11/2/84 (Date)

Kenneth E. Knight
(SCD Agent)

THIS REVIEW IS MADE FOR SITE AS SHOWN. A CHANGE OF ELEVATION OF PLUS OR MINUS 10 FT. OR SLOPE OF PLUS OR MINUS 3 PERCENT MAKES THIS PLAN NOT ACCEPTABLE TO WFSCD.

ACCESS ROAD

LOCATION

Structure Steel Road Culvert (15" min. I.D.) (A)
Spacing At natural drains
According to O & G Manual
with riprapped outlet
Page Ref. Manual 2-7 to 2-11

Structure Sediment Barrier (1)
Material Hay or straw bales staked
Page Ref. Manual 2-16 to 2-20

Structure Rip-Rapped Outlet (B)
Spacing Along access road
Inside road cuts
Page Ref. Manual 2-12 to 2-15

Structure _____ (2)
Material _____
Page Ref. Manual _____

Structure Rip-Rapped Outlet (C)
Spacing As shown on sketch
Page Ref. Manual 2-1 to 2-4

Structure _____ (3)
Material _____
Page Ref. Manual _____

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DEPT. OF MINES
OIL & GAS DIVISION

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.

Structure Sediment Barrier (D)
Material Hay or straw bales (staked)
Pg. Ref. Man. 2-16

Treatment Area I

Treatment Area II

Line according to soil test to
correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or Straw 2.0 Tons/acre
Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

Line according to soil test to
correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or Straw 2.0 Tons/acre
Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

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

JRC JSB

PLAN PREPARED BY MSES Consultants, Inc.

ADDRESS 609 West Main Street
Clarksburg, WV 26301

PHONE NO. 304-624-9700 or
304-842-3325 (24-hour)

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

PS Form 3811, Dec. 1980

● **SENDER:** Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one):

Show to whom and date delivered —¢

Show to whom, date, and address of delivery.. —¢

2. **RESTRICTED DELIVERY** —¢
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ _____

3. **ARTICLE ADDRESSED TO:**
Consolidated Coal Co.
Consol Plaza
Pittsburgh, PA 15241

4. **TYPE OF SERVICE:** **ARTICLE NUMBER**

REGISTERED INSURED
 CERTIFIED COD
 EXPRESS MAIL

ARTICLE NUMBER: P480 235 704

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

5. **DATE OF DELIVERY** **POSTMARK**

12-14-84

6. **ADDRESSEE'S ADDRESS (Only if requested)**

7. **UNABLE TO DELIVER BECAUSE:** **7a. EMPLOYEE'S INITIALS**

2821# DGN

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

PS Form 3811, Dec. 1980

● **SENDER:** Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one):

Show to whom and date delivered —¢

Show to whom, date, and address of delivery.. —¢

2. **RESTRICTED DELIVERY** —¢
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ _____

3. **ARTICLE ADDRESSED TO:**
Mr. Willis Tetrick, Jr.
c/o Union National Bank
National Bank Bldg
Clarksburg, WV 26301

4. **TYPE OF SERVICE:** **ARTICLE NUMBER**

REGISTERED INSURED
 CERTIFIED COD
 EXPRESS MAIL

ARTICLE NUMBER: P480 235 709

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

5. **DATE OF DELIVERY** **POSTMARK**

DEC 17 1984

6. **ADDRESSEE'S ADDRESS (Only if requested)**

7. **UNABLE TO DELIVER BECAUSE:** **7a. EMPLOYEE'S INITIALS**

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

PS Form 3811, Dec. 1980

● **SENDER:** Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one):

Show to whom and date delivered —¢

Show to whom, date, and address of delivery.. —¢

2. **RESTRICTED DELIVERY** —¢
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ _____

3. **ARTICLE ADDRESSED TO:**
Mr Maxwell Y. Sutton
c/o Union National Bank of Clarksburg
National Bank Building
Clarksburg, WV 26301

4. **TYPE OF SERVICE:** **ARTICLE NUMBER**

REGISTERED INSURED
 CERTIFIED COD
 EXPRESS MAIL

ARTICLE NUMBER: P480 235 705

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

5. **DATE OF DELIVERY** **POSTMARK**

DEC 17 1984

6. **ADDRESSEE'S ADDRESS (Only if requested)**

7. **UNABLE TO DELIVER BECAUSE:** **7a. EMPLOYEE'S INITIALS**

2821# DGN

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

PS Form 3811, Dec. 1980

● **SENDER:** Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one):

Show to whom and date delivered —¢

Show to whom, date, and address of delivery.. —¢

2. **RESTRICTED DELIVERY** —¢
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ _____

3. **ARTICLE ADDRESSED TO:**
Catherine Tetrick Sutton
c/o Willis G. Tetrick JR
Box 267 Clarksburg, WV 26301

4. **TYPE OF SERVICE:** **ARTICLE NUMBER**

REGISTERED INSURED
 CERTIFIED COD
 EXPRESS MAIL

ARTICLE NUMBER: P480 235 706

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

5. **DATE OF DELIVERY** **POSTMARK**

DEC 17 1984

6. **ADDRESSEE'S ADDRESS (Only if requested)**

7. **UNABLE TO DELIVER BECAUSE:** **7a. EMPLOYEE'S INITIALS**

2821# DGN

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

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

Perforated Alexander 4886-91; 20 holes (.29) TD @ 4998'
 Benson 4517-23; 20 holes (.29) 2-7/8" baffle @ 4583'
 Bradford 3929-33; 17 holes (.29) 3" baffle @ 4004'
 Balltown 3440-45; 10 holes (.39) 3-5/16" baffle @ 3510'

Water Frac Alexander - Break 3000, HHP 1250, Avg. psi 2550, 500 gal 15% HCL,
 80/100 5,000#, 20/40 40,000#, Total bbl 538, ISIP 1400, 5 min 1350.
 Benson - Break 1500, HHP 882, Avg psi 1800, 500 gal Retarder #4,
 80/100 5,000#, 20/40 50,000#, Total bbl 676, ISIP (before) 1400/
 (after) 1800, 5 min 1500.
 Bradford - Break 2700, HHP 745, Avg psi 1900, 500 gal Retarder Acid #4,
 80/100 2500#, 20/40 20,000#, Total bbl 399, ISIP (before) 1400/
 (after) 1450, 5 min 1350.
 Balltown - Break 2800, HHP 1593, Avg psi 2600, 500 gal Retarder Acid #4,
 80/100 2500#, 20/40 27,000#, Total bbl 434, ISIP (before) 1100/
 (after) 1150, 5 min 1100

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	Including ^{REMARKS} indication of all fresh and salt water, coal, oil and gas
KB - GL			0	10	Coal 155 - 160
Soil, Sand, Shale			10	155	
Coal			155	160	
Sand, Shale, RR			160	1630	
Lime & Ind.			1630	1770	
Sand & Shale			1770	5116	
<u>Log Tops</u>					
B. LIME/B. INJ.			1596	1756	
BEREA			1960	1998	
50'			2076	2100	
30'			2166	2178	
GORD ST./GORDON			2194	2315	
4TH/4TH A			2327	2434	
5TH/L. 5TH			2490	2572	
SPEECHLEY			3185	3208	
BALLTOWN			3296	3485	
BRADFORD			3891	4008	
BENSON			4510	4530	
ALEXANDER			4870	4892	

(Attach separate sheets as necessary)

CNG Development Company
Well Operator

By:

Gary White

Date:

March 14, 1985

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

RECEIVED
APR 5 - 1985



OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date March 14, 1985
Operator's
Well No. CNGD WN 1282
Farm Sommerville
API No. 47 - 033 - 3151

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: 1231.2 Watershed Isaacs Creek
District: Union County Harrison Quadrangle West Milford 7.5

COMPANY CNG DEVELOPMENT COMPANY
ADDRESS 1 Park Ridge Center
P. O. Box 15746, Pitts., PA 15244
DESIGNATED AGENT Gary A. Nicholas
ADDRESS Rt. 2 Box 698
Bridgeport, WV 26330
SURFACE OWNER Consolidated Coal Co.
ADDRESS P. O. Box 11314
Morgantown, WV 26505
MINERAL RIGHTS OWNER J.H. Sommerville Heirs
ADDRESS % Harry W. Post
Rt. 1 Box 218, Lost Creek, WV 26385
OIL AND GAS INSPECTOR FOR THIS WORK
Stephen Casey ADDRESS Rt. 2 Box 232-D
Jane Lew, WV 26378
PERMIT ISSUED 2-5-85
DRILLING COMMENCED 2-15-85
DRILLING COMPLETED 2-26-85

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	1688	1688	To Surf
7			
5 1/2			
4 1/2	5058	5058	565 sks
3			
2 1/2"	4877	4877	-----
Liners used			

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

GEOLOGICAL TARGET FORMATION Alexander Depth 5100 feet
Depth of completed well 5116 feet Rotary X / Cable Tools _____
Water strata depth: Fresh 75 feet; Salt _____ feet
Coal seam depths: 155 - 160 Is coal being mined in the area? No
Alexander 4886 - 91
OPEN FLOW DATA Benson 4517 - 23
Bradford 3929 - 33
Producing formation Balltown Pay zone depth 3440 - 45 feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 730 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure 400 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)

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

RECEIVED

FEB 20 1985

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 33-3151

Oil or Gas Well _____
(KIND)

Company CNG Drilling

Address _____

Farm Consolid. Coal

Well No. 1282

District Union County Harr.

Drilling commenced 2-15-85

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 3/4			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 SWJ 21

Remarks:

2-15-85
DATE

Steve Casey
DISTRICT WELL INSPECTOR

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

INSPECTOR'S WELL REPORT

Permit No. 33-3151

Oil or Gas Well _____
(KIND)

Company C&G Devel.
 Address _____
 Farm Consol. Coal
 Well No. 1282
 District Union County Harr.
 Drilling commenced 2-15-85
 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 75 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 1/2			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 155 FEET 00 INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names SWJ 21

Remarks: dr. at 1215'

2-19-85
DATE

Steve Casey
DISTRICT WELL INSPECTOR

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

RECEIVED
FEB 25 1985

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT
DEPT. OF MINES

Permit No. 33-3151

Oil or Gas Well _____
(KIND)

Company CNG Devel.
 Address _____
 Farm Consol. Coal
 Well No. 1282
 District _____ County Harw.
 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 3/4			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 SWJ 21

Remarks: 5/8 1679' 410 STB. Dowell

2-20-85
DATE

Steve Casper
DISTRICT WELL INSPECTOR

09-Apr-85

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

RECL. - CLASS.

Company: CNB DEVELOPMENT COMPANY
Farm: CONSOLIDATION COAL Well: 1282

Permit No. 47- 33-3151 (2-05-85)
County: HARRISON

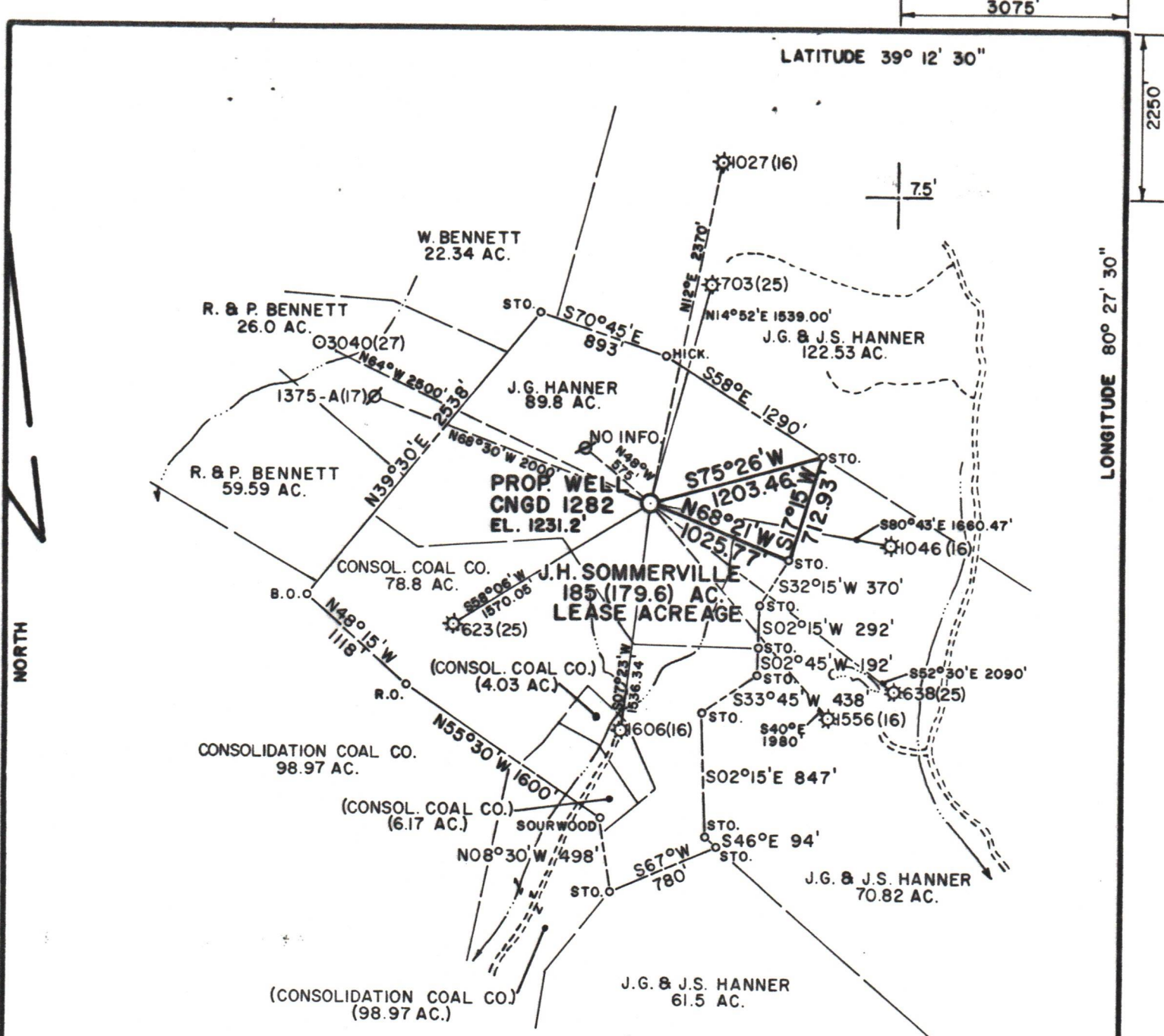
Rule	Description	In Compliance	
		Yes	No
23.06	Notification prior to starting work	-----	-----
25.04	Prepped before drilling to prevent waste	-----	-----
25.03	High pressure drilling	-----	-----
16.01	Required permits at wellsite	-----	-----
15.03	Adequate Fresh Water Casings	-----	-----
15.02	Adequate 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	-----	-----
16.01	Well Records on Site	-----	-----
17.02	Well Records Filed	-----	-----
5	Identification Markings	-----	-----

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

SIGNED: Steve Casey
DATE: 9-24-85

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.

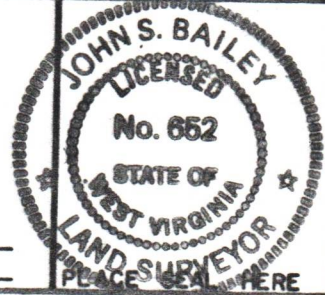
T.H. [Signature]
Administrator
October 9, 1985
Date



MAGNETIC REFERENCE TIE LINES
 PROPOSED WELL TO 36" B.O. S10°00'W 186.5'
 PROPOSED WELL TO 24" W.O. S39°52'W 227.66'

FILE NO. MSES84-535
 DRAWN BY PJD
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION EX. WELL PERMIT NO. 703
 1539 NE OF LOC. - EL. 1387'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) John S. Bailey
 R. P. E. _____ L. L. S. _____ 652



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



DATE OCTOBER 23, 1984
 OPERATOR'S WELL NO. CNGD 1282
 API WELL NO. 47-033-3151
 STATE COUNTY PERMIT

Department of Mines
 Oil & Gas Division

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 1231.2' WATER SHED ISAACS CREEK
 DISTRICT UNION COUNTY HARRISON
 QUADRANGLE WEST MILFORD 7.5' 1961(1976)
 SURFACE OWNER J.G. HANNER ACREAGE 89.8
 OIL & GAS ROYALTY OWNER J.H. SOMMERVILLE HEIRS LEASE ACREAGE 185 (179.6)
 LEASE NO. 52935
 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 ALEXANDER ESTIMATED DEPTH 5100'
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS
 ADDRESS ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 698
PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330