FORM IV-2(B)
(Obverse)
7-83

FILE COPY

1) Date: July 31, 19 84
2) Operator's Well No. 1075
3) API Well No. 47 - 109 - 0944
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 X /
B (If "Gas", Production X / Underground storage ____ / Deep ____ / Shallow X /)
5) LOCATION: Elevation: 1725.35' Watershed: Bans Branch OGC 13
District: Oceana County: Wyoming Quadrangle: Oceana
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, Bidgeport, WV 26330
8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Mr. Arthur St. Clair
Address P. O. Box 157
Brenton, WV 24818
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, Weir
12) Estimated depth of completed well, 3350 feet
13) Approximate trata depths: Fresh, 1275 feet; salt, ____ feet.
14) Approximate coal seam depths: 774, 1275, 1520 Is coal being mined in the area? Yes ____ / No ____ /
15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft.	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water	11-3/4	H-40	42	X		40	40	To surface	By Rule 15.05
Coal									Sizes
Intermediate	8-5/8	X-42	23	X		1600	1600	To surface	By Rule 15.05
Production	4-1/2	J-55	10.5	X		3350	3350	200-400 sks.	Depths set
Tubing	1-1/2	CN-55	2.75	X					By Rule 15.01
Liners									Perforations:
									Top Bottom

RECEIVED
AUG 15 1984
OIL & GAS DIVISION
DEPT. OF MINES

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-109-0944 September 17, 19 84
Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires September 17, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: 28 BLANKET	Agent: LS	Plat: MN	Casing MN	Fee 003-449

Margaret I. Hasse
Administrator, Office of Oil and Gas

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

File

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

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

OFFICE USE ONLY

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

OFFICE USE ONLY

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

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

OTHER INSPECTIONS

Reason: _____

Reason: _____

File

Field Reviewed:
June 20, 1984

IV-9
(Rev 8-81)

DATE 6/01/84
WELL NO. CNGD No. 1075
API NO. 47-109-0944

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME C.N.G. Development Company
Address 1 Park Ridge Center
Pittsburgh, PA 15244
Telephone 412/429-2390

DESIGNATED AGENT Gary A. Nicholas
Crosswind Corporate Park
Address Route 2, Box 698
Bridgeport, WV 26330
Telephone 304/623-8134

LANDOWNER Edgar and Robert Crouch
SOIL CONS. DISTRICT Southern

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

This plan has been reviewed by Southern SCD. All corrections and additions become a part of this plan: June 20, 1984 (Date)

Gary W. Boschain
(SCD Agent)

RECEIVED
AUG 15 1984
OIL & GAS DIVISION
DEPT. OF MINES

ACCESS ROAD

Structure Drainage Ditch (A)
Spacing Along Access Road
Page Ref. Manual

Structure Culvert (B)
Spacing 12"Min.-42"Max. I.D. as shown on sketch
Page Ref. Manual 2:7 to 2:11

Structure Cross Drains (C)
Spacing As shown on sketch
Page Ref. Manual 2:1 to 2:6

LOCATION

Structure Diversion Ditch (1)
Material Earthen
Page Ref. Manual 2:12 to 2:13

Structure (2)
Material Mulching
Page Ref. Manual 3:6 to 3:7

Structure (3)
Material
Page Ref. Manual

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

REVEGETATION

Treatment Area I

Lime 3.0 Tons/acre
or 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 45 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Rye Grass 10 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 2.0 Tons/acre
Seed* Ky. 31 Tall Fescue 45 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Rye Grass 10 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 A E Associates, Ltd.
ADDRESS 1206 Virginia Street, East
Charleston, WV 25301
PHONE NO. 304/346-0505

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

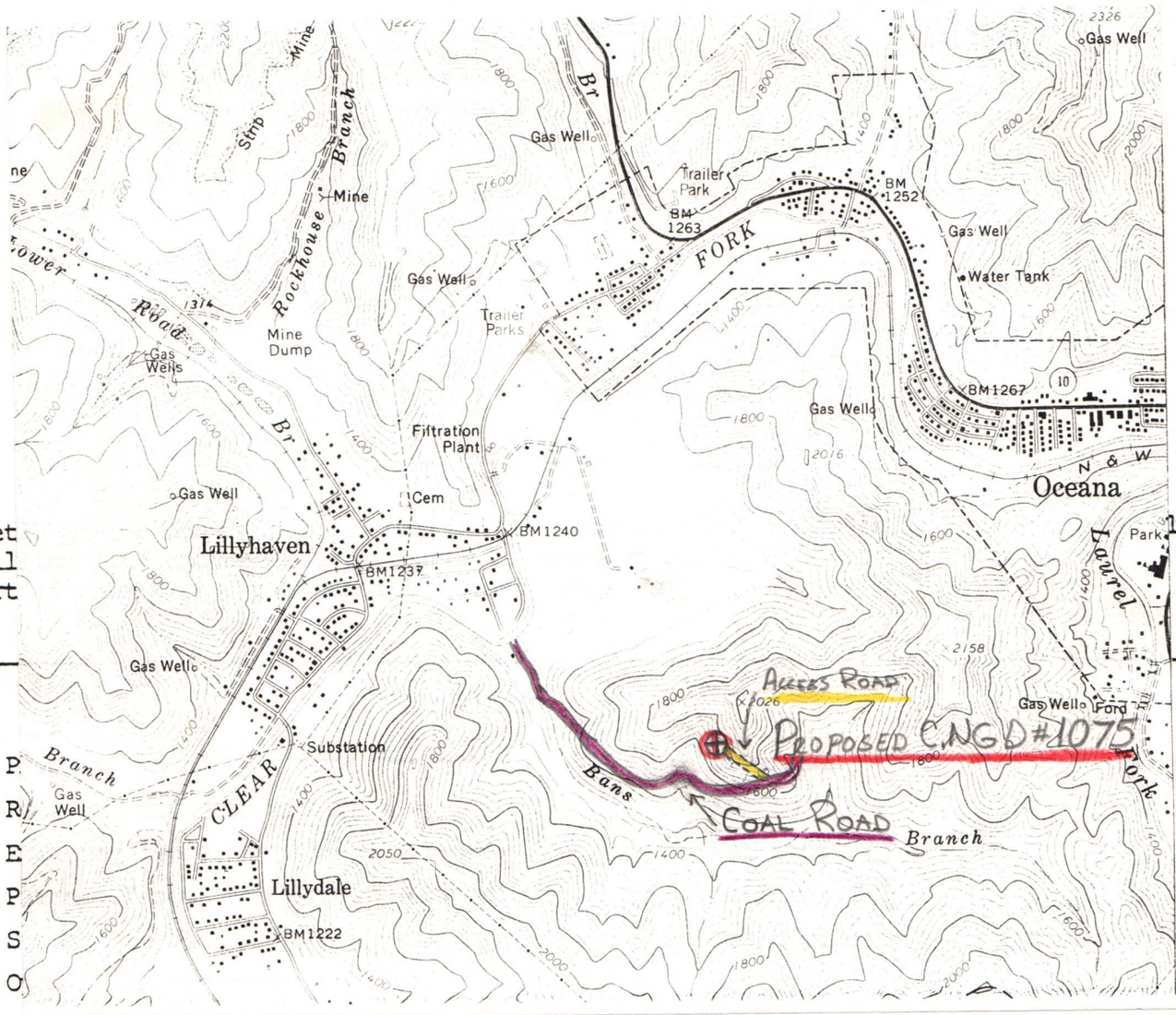
(REV 8-81)

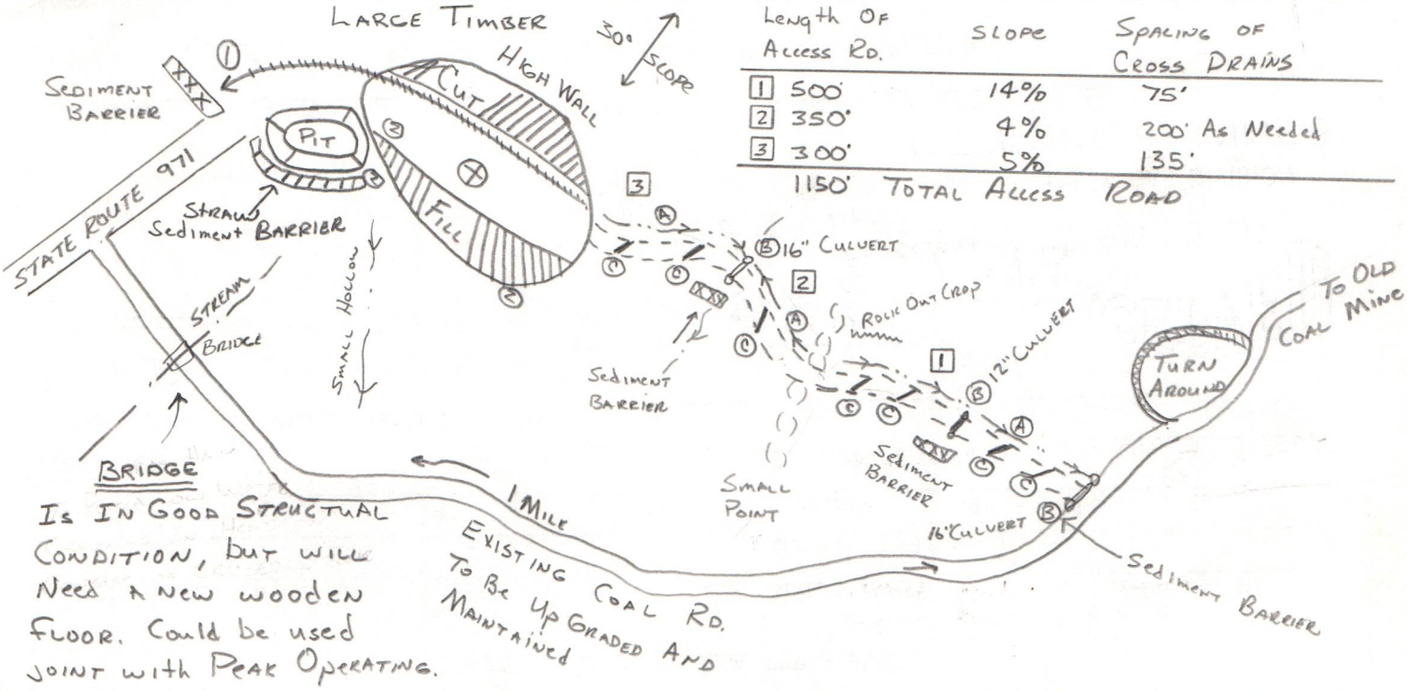
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Oceana (7.5')

LEGEND

Well Site ⊕

Access Road ———





	Length Of Access Rd.	Slope	Spacing Of Cross Drains
1	500'	14%	75'
2	350'	4%	200' As Needed
3	300'	5%	135'
	1150' Total Access Road		

COMMENTS: Access to the well site will be gained by upgrading 1.0 mile of existing coal road, and constructing approximately 1150 feet of new access road, beginning at a junction point in State Route 971. All outlets of drainage structures and ditches will be to stable areas. The well location will be located on a side slope on a small point, now covered with large timber. All brush and timber 6" and above will be cut and stacked prior to any earth moving activities. The road and well site will be brought to desired grade with erosion control structures being installed in conjunction with the grading. Due to right-of-way acquisition, the plan may change, but proper erosion and sediment control measures will be installed. Reclamation will be done 6 months after well is completed. Material removed from turn around area will be placed in a controlled manner, where permissible.

CNGD # 1075

Robert Crouch

API No. 47-109-0944

LOG TOP

Princeton	1791	1833
Raven Cliff	1997	2040
Avis Ls	2040	2080
U Maxton	2210	2275
Maxton	2431	2436
L Maxton	2627	2674
L Lime	2706	2872
Big Lime	2881	3195

Adverse Weather) Raining

10-1-84
DATE

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

OG-11

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

RECEIVED
NOV 20 1984
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Wyo-109-8944

New Const.

Oil or Gas Well (KIND) Gas

Company C.N.G. Dev.
Address Pittsburgh, WV.
Farm Couch
Well No. #1095
District Oceana County Wyo
Drilling commenced None
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
8¼			
6⅝			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 Beverly Dry. -

Remarks: this date found Bridge being Rebuilt, Deffered - 4" timber. Could not cross to check on const. of access Road.

11-16-84
DATE

Arthur C. Lewis 509
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

OG-11

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

RECEIVED
DEC 4 - 1984
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Wyo-109-0944

Oil or Gas Well Gas (KIND)

New Const.

Company C.N.G. Dev. Co.

Address Pittsburgh, Pa

Farm E. Couch

Well No. 1075

District Oceana County Wyo

Drilling commenced none

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
8¼			
6⅝			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 Justice Const. Co. - Contractor Excavating

Remarks:
Over Road 5' on location this date. more work need for Drainage Control. pits are not built.

11-29-84
DATE

William C. St. Clair 1509
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

OG-11

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

RECEIVED
DEC 13 1984
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WYO-109-0944

Oil or Gas Well (KIND) Gas

Pid Level measurements

Company CNG

Address Pittsburgh, Pa

Farm E Crouch

Well No. 1075

District Oceana County Wyo

Drilling commenced 12-21-84

Drilling ~~completed~~ @ Total depth 2500' Red Rock

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 202' feet 350 feet

Salt water — feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10 11 3/4	40 cts		Size of
8¼ 8 5/8	1643 cts		
6⅝			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 8 5/8 SIZE 1643 No. FT. _____ Date 12-9-84

NAME OF SERVICE COMPANY Dowell

COAL WAS ENCOUNTERED AT 202 FEET 48 INCHES

350 FEET 48 INCHES 779 FEET 24 INCHES

1402 FEET 48 INCHES 1568 FEET 60' INCHES

Drillers' Names Beverly Drg Co Rig #1

Remarks: Drg at 2500' Red Rock - pit area good
Road is being maintained.
all procedure good!

12-11-84
DATE

Arthur Stalnaker
DISTRICT OIL & GAS INSPECTOR

DATE

DISTRICT WELL INSPECTOR

OG-11 memo to CNG.

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

RECEIVED
JUL 16 1985
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Wyo-109-0944 Final Refused

Oil or Gas Well (KIND) Gas

Company C.N.G. Dev. Co.
Address Pittsburgh Pa
Farm Robert Crouch ETAL
Well No. #1075
District Oceana County Wyoming
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
8¼			
6⅝			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 Beverly Dr. Co. Rig #1

Remarks: Final Refused due to following
1- all Disturbed not Seeded & mulch.
2- Ditch Lines plugged
3 - Drain pipes plugged
4 - need Drainage Control established

7-15-85
DATE

Arthur C. St. Clair (309)
DISTRICT WELL INSPECTOR

Form 26
2/16/82

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

OG-11

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

RECEIVED
AUG 16 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

INSPECTOR'S WELL REPORT

Permit No. Ayo-109-0944 Final Incomplete

Oil or Gas Well (KIND) Gas

Company C.N.G. Development Co.
Address Pittsburgh Pa
Farm Gouch Robert
Well No. 1075
District Oceana County Wyo
Drilling commenced 1984
Drilling completed 1984 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
8¼			
6⅝			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 Beverly Drg Co Rig #1

Remarks: Some Detail Work has been performed Seed & mulched.
Seed is Sprout will need more time to see if grass grows
Final Refused

8-13-85
DATE

William C. St. John
DISTRICT WELL INSPECTOR

Form 26
2/16/82

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

IR-21
2 Wells

STATE OF WEST VIRGINIA
DEPARTMENT OF [redacted] Energy
OIL AND GAS WELLS DIVISION

RECEIVED
SEP 25 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1075
Wyo-109-0944
Wyo-109-0947-#1233

INSPECTOR'S WELL REPORT

Permit No. Final Refused

Oil or Gas Well Gas
(KIND)

Company C.N.G. Dev. Co.
Address Pittsburgh WV.
Farm Crouch
Well No. 1075 & 1233
District Oceana County Wyo.
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
8¼			
6⅝			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 Big Justice - Excavating & Reclaiming

Remarks: Finals Refused due to grass not growing Both wells & Roads need Reseeding & mulch

9-20-85
DATE

DISTRICT WELL INSPECTOR

IR-26
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

9-17-84

WELL TYPE Gas - Shallow
API# 47- 109 - 0944
ELEVATION 1725
OPERATOR C.N.G. Development
DISTRICT OCEANA
TELEPHONE
QUADRANGLE OCEANA
FARM Crouch H. Edgar
COUNTY Wyoming
WELL # 1235

SURFACE OWNER Robert E Crouch COMMENTS TELEPHONE
TARGET FORMATION Berea - Lime DATE APPLICATION RECEIVED
DATE STARTED
LOCATION 11-16-84 NOTIFIED 11-15-84 DRILLING COMMENCED 11-30-84

WATER DEPTHS 744', , , ,
COAL DEPTHS 202-48", 350-40", 379-24", 1402 - 48.

CASING

Ran 11 3/4 feet of 40' "pipe on CTS with 11-30 84 fill up
Ran 8 5/8 feet of 1643 "pipe on CTS with 12-11-84 fill up
Ran 4 1/2 feet of 3350' "pipe on with fill up
Ran feet of "pipe on with fill up

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

TD 3350 feet on

PLUGGING

JUN 2 1986

Type	From	To	Pipe Removed

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

Date Released 5-30-86

Arthur C St. Clair (509)
Inspector's signature

X

IR-26
Reverse

Beverly Drg Co
Reg #1

API# 47-109-0944

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2	11-16-84	Re Building	Existing	Bridge
3				
4	11-21-84	over	Existing	Road
5				
6	12-11-84	8 5/8	csg	c.t.s
7				
8	12-12-84	Drg	Posting	@ 2116
9				
10				
11				
12	6-18-85	Status	Reclamation	Refused
13	8-13-85	Status	final	incomplete
14	12-4-85	Status	final	Refused
15	1-16-85	Status	final	Refused
16	5-1-86	Violated		
17	5-30-86	abatment	Violation	
18				
19				
20				

Notes

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

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 109 - 00944 -
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.)	2,906 feet
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name: CNG Development Company Street: One Park Ridge Center P. O. Box 15746 City: Pittsburgh State: PA Zip Code: 15244 Seller Code:
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Field Name: Oceana District County: Wyoming State: WV
(b) For OCS wells:	Area Name: ____ Block Number: ____ Date of Lease: Mo. Day Yr. OCS Lease Number: ____
(c) Name and identification number of this well: (35 letters and digits maximum.)	Robert Crouch CNGD #1075
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Name: Undetermined Buyer Code: ____
(b) Date of the contract:	Mo. Day Yr.
(c) Estimated total annual production from the well:	36 Million Cubic Feet

		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	$/MMBTU	___.___	___.___	___.___	___.___
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	$/MMBTU	3.520	___.___	___.___	___.___

9.0 Person responsible for this application:

Name: R. N. Metzler
Title: Manager Reserves
Signature: R. N. Metzler
Date Application is Completed: 7/26/85
Phone Number: 412-787-4092

Agency Use Only
Date Received by Juris. Agency: JUL 31 1985
Date Received by FERC:

RECEIVED JUL 31 1985 DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

FERC-121 (8-82)

15394-27

CNGD #1075

FORM IV-48WC
(02-84)

STATE OF WEST VIRGINIA

AUG 15 1985

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: July 26, 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

850731 -1030-109-0944

Use Above File Number on all Communications Relating to This Wel

First Purchaser: undetermined P629

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 (Print) Manager of Reserves (Title)

Signature: R. N. Metzler

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 Catagory Applied For

NGPA SECTION/SUBSECTION

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

103 New Onshore Production Well
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 Build

AGENCY USE ONLY

QUALIFIED

RECEIVED
JUL 31 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date Received

Determination Date

FORM IV-54WC
[12-78]

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

Date July 26, 1985, 19___
Operator's
Well No. CNGD #1075
API Well No. 47 - ~~198~~ 109 - 00944
State County Permit

WELL CLASSIFICATION FORM

NEW ONSHORE PRODUCTION WELL
NGPA Section 103

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

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

GAS PURCHASER undetermined
ADDRESS

LOCATION: Elevation 1725'
Watershed Brans Branch
District Oceana County Wyoming Quad.
Gas Purchase Contract No. N/A
Meter Chart Code N/A
Date of Contract N/A

* *

Date surface drilling was begun: 1/15/85

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

BHP = 258#

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

AFFIDAVIT

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

R. N. Metzler
R. N. Metzler
Manager Reserves

STATE OF ~~WEST VIRGINIA~~ Pennsylvania

COUNTY OF Allegheny, TO WIT:

I, Carl G. Mourovic, a Notary Public in and for the state and county aforesaid, do certify that R. N. Metzler, whose name is signed to the writing above, bearing date the 26th day of July, 19 85, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 26th day of July, 19 85.

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

[NOTARIAL SEAL]

Carl G. Mourovic
Notary Public

109-0944

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

ARCH A. MOORE, JR.
Governor

October 2, 1985

Mr. Howard Kilchrist, Director
Division of Producer Audits and Pricing
FERC - ROOM 6100
825 N. Capitol Street, N.E.
Washington, D. C. 20426

RE: OPPR/N830-A
Section 107(c)(5)
CNG Development Company
SJA File: 850321-107-109-0944
FERC No. JD85-33439

Dear Mr. Kilchrist:

Attached please find the Section 103 oath statement which is needed to qualify the above referenced filing under Section 107(c)(5).

Very truly yours,

Lonnie Carpenter
NGPA Section

LC/osh

Attachment

cc: CNG Development Company
P. O. Box 15746
Pittsburgh, PA 15244

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 - 109 - ~~09044~~ 0944 -
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 (Section of NGPA) 6 (Category Code)
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	2,906 feet
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name: CNG Development Company; Street: One Park Ridge Center, P. O. Box 15746; City: Pittsburgh; State: PA; Zip Code: 15244; Seller Code:
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Field Name: Oceana District; County: Wyoming; State: WV
(b) For OCS wells:	Area Name: ; Block Number: ; Date of Lease: Mo. Day Yr.; OCS Lease Number:
(c) Name and identification number of this well: (35 letters and digits maximum.)	Robert Crouch CNGD #1075
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Name: Undetermined; Buyer Code:
(b) Date of the contract:	Mo. Day Yr.
(c) Estimated total annual production from the well:	36 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	5.944	.	.	.

9.0 Person responsible for this application:

R. N. Metzler — Name; Manager Reserves — Title

R. N. Metzler — Signature

3/15/85 — Date Application is Completed

412-787-4092 — Phone Number

Agency Use Only

Date Received by Juris. Agency: MAR 21 1985

Date Received by FERC:

FERC-121 (8-82)

FORM IV-48WC
(02-84)

STATE OF WEST VIRGINIA

APR 12 1985

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: March 15 ,19 85

AGENCY USE ONLY TF

WELL DETERMINATION FILE NUMBER

850321-107-109-0944

Use Above File Number on all Communications Relating to This Well

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)

First Purchaser: undetermined

Address:
(Street or P.O. Box)

(City) (State) (Zip Code)

FERC Seller Code

Designated Agent: Gary A. Nicholas

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

FERC Buyer Code

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

Name: Robert N. Metzler
(Print)

Manager of Reserves
(Title)

Signature: R. N. Metzler

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 Catagory Applied For

NGPA SECTION/SUBSECTION

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

103 New Onshore Production Well
- ____ 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
- X 107-6 New Tight Formation
- ____ 107-7 Recompletion Tight Formation

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

RECEIVED
MAR 21 1985
OIL & GAS DIV.
DEPT. OF MINES

AGENCY USE ONLY

Q

QUALIFIED

Date Received

Determination Date

FORM IV-55

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE March 13, 1985

WELL NO. #1075

API NO. 47 109 00944
State County Permit

WELL CLASSIFICATION FORM

HIGH-COST GAS - NEW TIGHT FORMATION

NGPA SECTION 107

WELL OPERATOR CNG Development Company
Address One Park Ridge Center
P. O. Box 15746
Pittsburgh, PA 15244
Attn: Production Regulatory Coord.

Gas Purchaser Undetermined
Address

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

Location: Elevation 1725'
Watershed Bans Branch Quad. Oceana
District Oceana County Wyoming

Gas Purchase Contract No. n/a
Meter Chart Code n/a
Date of Contract n/a

* * * * * * *

Date surface drilling began 1/15/85

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

BHP = 258#

$BHP = P_1 + P_1 (e\ GL\ 53.34\ T_{-1})$

AFFIDAVIT

I, R. N. Metzler, having been first sworn according to law, state that surface drilling the the well for which this determination is sought was begun on or after July 16, 1979, the gas is being produced from a designated tight formation and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

R. N. Metzler
R. N. Metzler
Manager Reserves

STATE OF PENNSYLVANIA

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, has acknowledged the same before me, in the county aforesaid.

Given under my hand this 15th day of March, 19 85.

My commission expires: December 19, 1988

(NOTARIAL SEAL)

Carl G. Mourovic
Notary Public

FORM IV-21
9-83

Date: 5-30-86
Operator's
Well Number 10 75
API Well No.: 47 - 107 - 0778
State County Permit

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

NOTICE OF ABATEMENT

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste disposal ___ /
If "Gas" - Production X / Storage ___ / Deep ___ / Shallow X /
Underground

LOCATION: Elevation: 1000' Watershed: Cedar Fork
District: Ocean County: Wyoming Quadrangle: Ocean

WELL OPERATOR Oil & Development Co. DESIGNATED AGENT Gary Wade Corp Pres
Address P.O. Box 15 Pilot Knob, W.Va. 24931 Address Cedar Wade Corp Pres
Box 16
Bradley W.Va.

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 5-30 19 86

The violation of Code § 22B-1-30 hereto found to exist on 5-5-86 19 86 by Form IV-27, "Notice of Violation" X Form IV-28, "Imminent Danger Order" ___ of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

Found violation corrected
Posted this date

JUN 2 1986

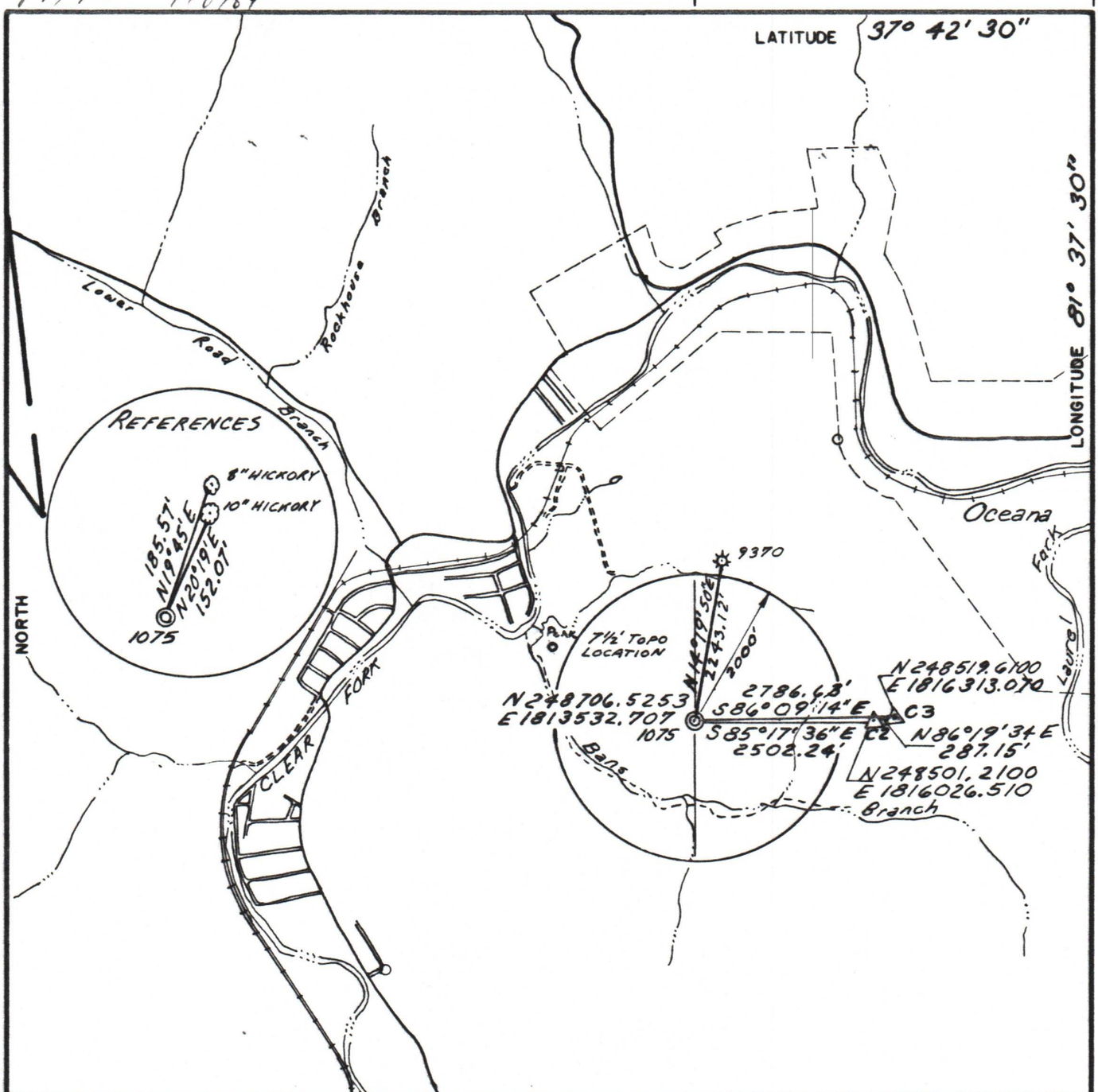
A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Dallas G. Stalnaker
Oil and Gas Inspector

Address Box 453
Beckley, W.Va.

Telephone 732-5327

9/8/84



FILE NO. 03-0015

DRAWING NO. 14

SCALE 1" = 2000'

MINIMUM DEGREE OF ACCURACY 1' IN 2500'

PROVEN SOURCE OF ELEVATION Big Bear Mining

ELEVATION BC-2 = 1874.04'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) Thomas J. Kirk

R.P.E. 3698 L.L.S. _____

PLACE SEAL HERE

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

FORM IV-6
(8-78)

Department of Mines
Oil & Gas Division

DATE JUNE 7, 1984
OPERATOR'S WELL NO. CNGD 1075
API WELL NO.
47 - 109 - 0944
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1726.36 WATER SHED BANS BRANCH
DISTRICT OCEANA COUNTY WYOMING
QUADRANGLE OCEANA

SURFACE OWNER EDGAR & ROBERT CROUCH ACREAGE 183.4
OIL & GAS ROYALTY OWNER EDGAR & ROBERT CROUCH LEASE ACREAGE 183.4
LEASE NO. 79000

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 BIG LIME ESTIMATED DEPTH 3350'

WELL OPERATOR CNG DEVELOPMENT CO DESIGNATED AGENT GARY A NICHOLAS

ADDRESS ONE PARK RIDGE CENTER ADDRESS CROSSWIND CORPORATE PARK
PITTSBURGH PA 15224 Rte 2 Box 698
BRIDGEPORT, WVA 26330

IV-35
(Rev 8-81)

State of West Virginia
Department of Mines
Oil and Gas Division

Date March 11, 1985
Operator's
Well No. CNGD WN 1075
Farm Robert Crouch
API No. 47 - 109 - 0944

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: 1725.35 Watershed Bans Branch
District: Oceana County Wyoming Quadrangle Oceana

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 Edgar & Robert Crouch
ADDRESS Box 770, Oceana, WV 24870
MINERAL RIGHTS OWNER Edgar & Robert Crouch
ADDRESS Box 770, Oceana, WV 24870
OIL AND GAS INSPECTOR FOR THIS WORK Arthur St.Clair ADDRESS P.O. Box 157 Brenton, WV 24818
PERMIT ISSUED 9-17-85
DRILLING COMMENCED 1-15-85
DRILLING COMPLETED 1-26-85
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.	30	30	To Surf.
13-10"			
9 5/8			
8 5/8	1602	1602	To Surf.
7			
5 1/2			
4 1/2	3274	3274	300 sks
3			
1 1/2	3129	3129	------
Liners used			

GEOLOGICAL TARGET FORMATION Big Lime Depth 3350 feet
Depth of completed well 3350 feet Rotary X / Cable Tools ___
Water strata depth: Fresh ___ feet; Salt ___ feet
Coal seam depths: 210 - 213, ~~740 - 742~~, 1510 - 1515 Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Big Lime, Ravencliff Pay zone depth 2904 - 2906, 2013 - 2031 feet
Gas: Initial open flow ___ Mcf/d Oil: Initial open flow ___ Bbl/d
Final open flow 978 Mcf/d Final open flow ___ Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 240 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)

FORM IV-35
(REVERSE)

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

McCullough Perforated Big Lime 2904-2906; 8 holes 3038-1, 3040-1, 3147-1, 3149-1 (.39) HSC
Dowell Adidize Big Lime well as follows: 200 gals 15% HCL, 4000 glas gelled acid 60#/1000gel
400 gals 15% HCL, 2000 gals treated water, 50 bbls flush, 150,000 SCFN2, Break 1400,
Avg TPSI 1400, Avg Rate 5 BPM, ISI 1200, McCullough Perforated Ravencliff Sand 2013-2031,
12 holes (.39) HSC, Set Halliburton Plug @ 2100.
Dowell Foam Frac (75Q) Ravencliff Sand - Break 2450, Avg TPSI 2400, Avg Rate 20 BPM,
ISI 1600, 5 min 1500, used 750 gals 15% HCL, 45,000# 20/40 Sand, 738,000 SCFN2

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale	0	210	Coal 210 - 213
Coal	210	213	740 - 742
Sand & Shale	213	740	1510 - 1515
Coal	740	742	
Sand & Shale	742	1510	
Coal	1510	1515	
Sand & Shale	1515	1916	
Princeton	1916	1931	
Sand & Shale	1931	1947	
Princeton	1947	1994	
Ravencliff	1994	2042	
Acid Lime	2042	2084	
Sand & Shale	2084	2336	
Upper Maxton	2336	2344	
Sand & Shale	2344	2431	
Maxton	2431	2436	
Shale	2436	2630	
Lower Maxton	2630	2694	
Shale	2694	2709	
Little Lime	2709	2787	
Pencil Cave	2787	2817	
Big Lime	2817	3206	
RR, Sd & SH	3206	3350	

(Attach separate sheets as necessary)

CNG DEVELOPMENT COMPANY
Well Operator

By: Gary A. Shultz

Date: March 11, 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."

P 626 988 890

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

Sent to Mr. Robert C. Crouch, et al	
Street and No.	
P.O., State and ZIP Code Oceana, WV 24870	
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	$ 1 89
Postmark or Date	PITTSBURGH, PA MONTOUR BR. AUG 13 1984 USPO

PS Form 3800, Feb. 1982

P 626 988 889

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

Sent to Mr. Samuel Hatcher, Engineer	
Street and No. Wyoming Coal Company, Inc.	
P.O., State and ZIP Code Welch, WV 24801	
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	$ 1 89
Postmark or Date	PITTSBURGH, PA MONTOUR BR. AUG 13 1984 USPO

PS Form 3800, Feb. 1982

RECEIVED
AUG 15 1984
OIL & GAS DIVISION
DEPT. OF MINES

109-0944

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, D.C. 20426

RECEIVED
Commissioner's Office
Department of Energy

In Reply Refer To:
OPPG/N8120-A

NOV 13 1985

Kenneth R. Faerber, Acting Commissioner
Department of Energy
1613 Washington Street, East
Charleston, West Virginia 25305

NOV 12 1985

John Johnston

Re: Determination of Maximum
Lawful Price under NGPA
Section 107(c)(5)
CNG Development Company
Robert Crouch CNGD #1075 Well
WV File No. 850321-107-109-0944
FERC No. JD85-33439

Dear Mr. Faerber:

This is to acknowledge that on October 10, 1985, the Commission received Mr. Lonnie Carpenter's letter of October 2, 1985, which enclosed a FERC Form 121 and a Section 103 oath statement, sent pursuant to our letter of July 17, 1985. Thank you for your assistance in this matter.

Pursuant to Section 275.202 of the Commission's regulations, the 45-day period for Commission review will end on November 24, 1985.

Very truly yours,

Howard Kilchrist

Howard Kilchrist, Director
Division of Producer Audits and Pricing

cc: CNG Development Company
One Park Ridge Center
P.O. Box 15746
Pittsburgh, Pennsylvania 15244

Mr. Lonnie Carpenter
Office of Oil and Gas
West Virginia Department of Energy
307 Jefferson Street
Charleston, West virginia 25311

Form IV-2 (A)
Reverse

INSTRUCTIONS TO APPLICANT

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:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book	Page
Robert C. Crouch, et al	Consolidated Gas Supply Corporation	1/8	322	471
as of 1/1/84 assigned to	Consolidated Gas Transmission Corporation	1/8	7	487

FORM IV-2(A)

1) Date: August 13, 1984
2) Operator's Well No. 1075
3) API Well No. 47-109-0944
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 Robert C. Crouch, et al
Address Oceana, WV 24870

(ii) Name
Address

(iii) Name
Address

5(i) COAL OPERATOR Mr. Samuel Hatcher, Engineer Wyoming Coal Company, Inc.
Address Welch, WV 24801

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name
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 15 1984
OIL & 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 James Frink
this 13th day of August, 1984
My commission expires 2-25, 1986.
William H. Draney
Notary Public, Allegheny County
State of Pennsylvania

WELL OPERATOR CNG Development Company
By James Frink
Its Vice President, James Frink
Address P. O. Box 15746
Pittsburgh, PA 15244
Telephone 412-787-3550

OG-11

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

RECEIVED

OCT 4 1984

OIL & GAS DIVISION

DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Wyo-109-0944

New Const. (KIND) Gas

Company C.N.G. Dev.

Address Pittsburgh, Pa

Farm Edgar Crouch

Well No. 1075

District Oceana County Wyo.

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
8¼			
6⅝			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 Justice Const. - Sub Contractor

Remarks:

Was to commence work on Road & Location. not commenced (probably due to adverse weather) Raining

10-1-84

DATE

Joshua S. Hall (507)

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

OG-11

2 Wells

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

RECEIVED

APR 25 1985

OIL & GAS DIVISION

DEPT. OF MINES

Wyo-109-0947 #1233

Wyo-109-0944 #1075

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____ (KIND)

Company CNG.

Address Pittsburgh, Pa

Farm Crouch & Crouch

Well No. 1233 #1075

District Oceana County Wyo

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
8¼			
6⅝			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 Beverly Drg Co. Rig #1

Justice Const. - doing Reclamation work

Remarks:

Justice working on these two (2 wells) 75 doing Reclamation work. not complete for procedure good final

DATE

DISTRICT WELL INSPECTOR