

1)	Date:	Augu	1ST 14	, 1	984
2)	Operator's Well No.	104	5111		HORNER
3)	API Well No.	47 -	013 -	3763	3E 10V 3F
		State	Cou	inty	Permit

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

				<u>A</u>	PPLICATION				
4) WELLT	YPE: A	Oil	134 AT C	act Ta	X	Carrotti otali	THE PROPERTY OF A STATE OF THE PARTY OF THE	DIFICATIONS A	Cold Privaterial
4) WELL I		(If "Gas",			X	Underground			Y
5) LOCATIO		evation:	105	9.70	1	Watershed:	Big Run	LKW31E	/ Shallow^/)
3, 200,111			Washin	aton			Calhoun	A TANK OF THE RESIDENCE AND ADDRESS OF THE PARTY OF THE P	Chloe, WV 1966 (19
6) WELLO					Company	County.		ED AGENT Mr.	
					P.O. Box	15746	Address		orporate Park
		ittsbu			5244				dgeport, WV 26330
8) OIL & GA				E I I Carlo Balling				CONTRACTOR:	agepore, wv 2000
Name		eo Mac						am Jack Drill	ing Company
Addres	ss Rt	. 1,	Bx 5				Address	P. O. Box 48	
	Sa	ndridg	e, WV	252	74			Buckhannon,	
0) PROPOSI	ED WELL	WORK:	Drill	X	/ Drill	deeper	/ Redrill	/ Stimulate	* CARROLL
							orate new formation		CELVI
					change in wel		rate new formation		1
11) GEOLOG	ICAL TAR	GET FOR				an Shale		The second of	AUG 1 6 1984
	ated depth				5950	fee	ı		AUG I O 1994
13) Appro	oximate trat	a depths:	Fresh, _	- 1	3 160'	_feet; sal	lt,	feet.	OIL & GAS DIVISI
	oximate coa			•		Is c	oal being mined in t	AND AND THE PROPERTY OF A STATE OF THE PARTY	No X MAIN
5) CASING	AND TUBI	NG PROC	GRAM						DEP 1. OF WITH
CASING OR TUBING TYPE		SPEC	IFICATIONS Weight	3	- 1	FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKERS
102110	Size	Grade	per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
Conductor						1901			Kinds
resh water	11-3/	4 H-40	42	X		40	190'40	To surface	By Rule 15.05
Coal							Africa de la companya del companya del companya de la companya de	To surrace	Sizes
ntermediate	8-5/8		23	X		2070	2070	To surface	By Rule 15.05
roduction	4-1/2		10.5	X		5950	5950	200-400 sks	Depths set
ubing	1-1/2	CN-55	2.75	X	E Yo	NO BRUE	OFFICE		By Rule 15.01
iners									Perforations:
		anoites	5 7 4H	molin	Syna factor	ACCULABILES	metric to another	of the to record the	Top Bottom
			3						
	Joseph L					6 964 1	818		
				<del>(c)aaii</del>	OFF	ICE LICE	ON 11 11	1	A bruin or maite iller
					A CAMPAGE AND STREET	ICE USE			
100					DKI	LLING PE	KMII		veil work started
187									
ermit number_	47	7-013-3	3763					August	27, 19 84
			1.0				-	August	allinh and to pourland
is permit cove	ring the we	ll operator	r and well	location	shown below	is evidence of	of permission grant	Date	ompletion of the drilling
nis permit cover	ring the we	ll operator	and well					Date ed to drill in accordance	ce with the pertinent legal re-
is permit cover irements subject.	ering the we	ll operator	r and well	one and	nite for any p	se nereor. No	In addition the	Date ed to drill in accordance	ce with the pertinent legal re-
is permit cover irements subject.  8) Prior to the strict oil and ga	ering the we cot to the construct as inspector	ll operator nditions co tion of roa 24 hours	r and well ontained h ads, location before act	ons and ual perr	pits for any ponitted work ha	ermitted work as commenced	In addition, the w	Date ed to drill in accordance to the District Oil ell operator or his cont	ce with the pertinent legal re- l and Gas Inspector, (Refer to tractor shall notify the proper
nis permit cover irements subjection 8)  Prior to the strict oil and ga	ering the we cot to the construct as inspector ork is as des	ll operator nditions co tion of roa 24 hours	r and well ontained he ads, location before act	ons and ual perr	pits for any ponitted work ha	ermitted work as commenced	In addition, the w	Date ed to drill in accordance to the District Oil ell operator or his cont	e What sale to many segment ce with the pertinent legal re-
nis permit cover irrements subjection. 8) Prior to the strict oil and gas ne permitted we werse hereof.	ering the we cot to the construct as inspector ork is as des	ll operator nditions co tion of roa 24 hours	r and well ontained he ads, location before act	ons and ual perr	pits for any ponitted work ha	ermitted work as commenced	In addition, the wd.)	Date ed to drill in accordance ed to drill in accordance ed to the District Oil ell operator or his control o any modifications ar	ce with the pertinent legal re- land Gas Inspector, (Refer to tractor shall notify the proper and conditions specified on the
nis permit cover irrements subjection. 8) Prior to the strict oil and gas ne permitted we werse hereof.	ering the we cot to the construct as inspector ork is as des	ll operator nditions co tion of roa 24 hours	r and well ontained he ads, location before act	ons and ual perr	pits for any ponitted work ha	ermitted work as commenced	In addition, the wd.)	Date ed to drill in accordance ed to drill in accordance ed to the District Oil ell operator or his control o any modifications ar	ce with the pertinent legal re- land Gas Inspector, (Refer to tractor shall notify the proper and conditions specified on the prosecuted with due diligence.
o. 8) Prior to the strict oil and ga	ering the we cot to the construct as inspector ork is as des	ll operator nditions co tion of roa 24 hours scribed in t	r and well ontained he ads, location before act	ons and ual perrand Ap	pits for any printed work his	ermitted work as commenced	In addition, the wd.)	Date ed to drill in accordance ed to drill in accordance ed to the District Oil ell operator or his control o any modifications ar	ce with the pertinent legal re- land Gas Inspector, (Refer to tractor shall notify the proper and conditions specified on the prosecuted with due diligence.
nis permit coverirements subjection. 8) Prior to the strict oil and gather permitted wo werse hereof.  Bond: 28	ering the we cot to the co- he construct as inspector ork is as des	ll operator nditions co tion of roa 24 hours scribed in t	r and well contained h ads, location before act the Notice	ons and ual perr	pits for any ponitted work ha	ermitted work as commenced	In addition, the wd.)	Date ed to drill in accordance ed to drill in accordance ed to the District Oil ell operator or his control o any modifications ar	ce with the pertinent legal re- land Gas Inspector, (Refer to tractor shall notify the proper and conditions specified on the prosecuted with due diligence.
nis permit coverirements subjection. 8) Prior to the strict oil and gate permitted wo verse hereof, rmit expires	ering the we cot to the co- he construct as inspector ork is as des	ll operator nditions co tion of roa 24 hours scribed in t	r and well contained h ads, location before act the Notice	ons and ual perrand Ap	pits for any printed work has plication, plat	ermitted work as commenced	In addition, the wd.)	Date ed to drill in accordance ed to drill in accordance ed to the District Oil ell operator or his control o any modifications ar	ce with the pertinent legal re- land Gas Inspector, (Refer to tractor shall notify the proper and conditions specified on the
nis permit coverirements subjection.  8) Prior to the strict oil and gaze permitted workerse hereof.  rmit expires	ering the we cot to the co- he construct as inspector ork is as des	ll operator nditions co tion of roa 24 hours scribed in t	r and well contained h ads, location before act the Notice	ons and ual perrand Ap	pits for any printed work has plication, plat	ermitted work as commenced	In addition, the wd.)	Date ed to drill in accordance ed to drill in accordance ed to the District Oil ell operator or his control o any modifications ar	ce with the pertinent legal re- land Gas Inspector, (Refer to tractor shall notify the proper and conditions specified on the prosecuted with due diligence.

FORM IV-2(B)	FILE COPY	2) Operator
Reverse	FRIEND TO TO	CUT ICA IT



FILE COPY

STATE OF WEST VIRGINIA OFFICE USE ONLY

_	A SHARL SHAR	NAME OF TAXABLE PARTY.	The second second second	ALC: UNKNOWN THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO PERSONS AND ADDRESS OF THE PERSON NAMED IN COLUMN TO ADDRESS OF THE PERSON NAMED IN		
		医医疗法院 医节门 医外侧			<b>第1996年中央第186</b> 年	7

PERMIT M		Monthly States	L. Underground					1) 8	
	LKW1318	nnya gru	Watershed		V1.80		_ thoday		LOCATIO
	Quadrangle: 61								
	DAGBNT 37. 163 Orosswind Cor	1) DESIGNATE		ntarino o				ERATOR C/O P	
	dex case unit	Address Rt. 2	CHICK A	744			Licespa		
	ONERACTOR:							S INSPEC	AD & DO
	d Jack Brillin							Mr. De	Name
	9. 0. 80x 48	Address						. XX	
Y 26201	<u>Prekkhamon, k</u>								
	/ Stimulate 7	Redrill	desper	HhQ. 8			VORK:	D WELL V	
I nomed!	· · · · · · · · · · · · · · · · · · ·	ate new formation			al blo ii				
A COPY OF A COPY A Reed	1		vell (specify)					SEAT TAB	CHOLOGI
- AUG 1 6 1384			tani						
OIL & GAS DIVISIO			ing feet; sail	160	4				οτήτηΑ (Ε)
	carea? Yes yes	al being nüned in th							14) Appro
LIFT OF MIN						RAM	O PROC		CASHNO A
PACKERS	COMBUTENIAS	WERVALS	SOOTAGE			HCATIGN Welste			SING ORGER
	(Capic Res)	new ni tha.l	For Brilling		Wey.	Al Son	Grate		
		1.001	1001						
Sy Rele 15.05	Lo surface	37 OK 1							water
	No SUNTADE	0.002	0565			8.01			
AD PROFUE VE		OFFIC	E USE ONLY	7		61.8	lge-k∂	15/1-1	3
Petrorscons:							-		
This part of Form IV-2	2(b) is to record the	dates of certain	occurrences	and any	follow-	up insp	ections.		
		<b>-</b>						Date	(c)
		Date						Date	(3)
A listing massived			Follow-	un inspe	ction(s)				
Application received		NLY	7 350 gala	10	001011(0)				
Well work started		TIMS	DILLING PE	ACI	,,				
48 W									radmun 1
Completion of the drill	ing				- A				
process managed and differ	d to drill in accordance iven to the District Oil in	t permission grante	low is evidence o	shown bel too the ee	locatión terein and	and well ntained t	Operator dinons co	ing the wen to the con	serma cover nems subjec
Well Record received	al operator or his contra		drow finition, q		<b>,,</b> 30 am				
well Record received			has commenced	sited work	ruai perm		ESTROTE NO.		regions are
	ony modifications and	non plan, subject to	lae, and reclama		and Apr	he Norice			computed wor
Reclamation completed						Q.E., F			
	order to their detection and new								
Reclamation completed									
				Fei	Casing		19 X 3	:Magg/.	18 Calu
stutted with due diligence.				Fei	Casing	1	L PI	Agent:	13)W

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

#### SURFACE OWNER'S COPY



1)	Date:	August	14	_, 19 <sup>84</sup>
2)	Operator's Well No.	1045		
3)	API Well No.	47		
,		State	County	Dormit

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

4) WFII	TYPE: A	Oil	/ G	as X	,				
4) WELL	B B	(If "Gas",			X	/ Undergrour	nd storage	/ Deep	_/ Shallow X/)
5) LOCAT		Elevation:	1059	70'		Watershed:	52 W 27 53 1 1 1 2		
		District:	lashing	gton		County:	Calhoun	Quadrangle:	loe, WV 1966 (1975)
6) WELL	OPERATO	R CNG De	evelopa	nent	Company		7) DESIGNATE		ry Nicholas
Add	ressC/O_P	aul W.	Garret	tt, P	.O. Box	15746	Address		porate Park
	P	ittsbur	gh, P/	1 15	244		Rt. 2, B	ox 698, Bridg	eport, WV 26330
8) OIL &	GAS INSPE	ECTOR TO	BE NOTI	FIED			9) DRILLING C		
Name .	Mr. D	eo Mace					Name Sam	Jack Drillin	g Company
Add	A PROPERTY AND A PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF THE P	CONTRACTOR OF THE PARTY OF THE	國 5				Address	P. 0. Box 48	
	<u>Sa</u>	<u>ndridge</u>	, WV	2527	4			Buakhannon, W	V 26201
10) PROPO	SED WELL	L WORK:	Drill_	1	_/ Drill	deeper	/ Redrill	/ Stimulate	
			Plug o	ff old f	formation_	/ Per	forate new formation		(CIEILINI INI
			Other p	physical		well (specify)_		1100	0==0
11) GEOLG	OGICAL TA	RGET FOR	RMATION	A STATE OF THE PARTY OF THE PAR	27. 45 ET 27.	an onate		117	110 4 6 4004
12) Est	imated dept	h of comple	ted well,		DADO	fe	et		AUG 1 6 1984
	proximate to				160		alt,	feet.	& GAS DIVISION
	proximate c					Is	coal being mined in the	carca: 1cs	110
15) CASIN	G AND TU							DEP	T. OF MINES
CASING OR TUBING TYP	E	SPEC	CIFICATION Weight	is .		FOOTAG	E INTERVALS	CEMENT FILL-UP OR SACKS	PACKERS
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	CONTROL OF STREET ASSESSMENT OF
Conductor	12.07		40			190			Kinds
Fresh water	1-3/	4 H-40	42	X		40	90 40	lo surface	By Rule 15.05
Coal	F 10	V 40	00	-					Sizes
ntermediate	0-5/8	X-42	23	X		2070	2070	lo surface	By Rule 15.05
Production	1/2	J-55	10.5	A		5950	5950	200-400 sks	Depths set
Tubing	-1/4	CN-55	2.75	A					by Rule 15.01
Liners									Perforations:
									Top Bottom
	the filin	g of the App	olication if	the surf	ace owner(s		n(s) the following "Vol	be issued in less than I untary Statement of No	그들은 경기에 가는 것이 되었다. 경기를 받는 이번 경기에 가는 것이 되었다면 하는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없다면
				VO	LUNTARY	STATEMENT	OF NO OBJECTION	N	
I hawahaa	atata that I l	navo road th	a imatmusti	one to a	unface commo	es on the reverse	so side of this Ampliant	ion for a Wall Work De	numit and that I have received
									Form IV-2(B), (3) a survey plat
								k on my surface land	
	state that I	have no obj	ection to t	he plann	ed work des	scribed in these	e materials, and I have	no objection to a perm	it being issued based on those
naterials.									
For execution	n by corpor	ation, partn	ership, etc	c.)		Œ	For execution by natur	al persons)	
. J. CACCUIO	oj corpor	anon, parti	omp, en			(1	1	O (	1
NAME:						(	tames 10	1 Stulnes	Date: 7/24/8
Ву _						1	(	Signature)	Date.
Dy _		17	12.1	1774	J		- A Company of the Co	700 1	Date:
Its				D	ate		1	Signature)	> </td

# INSTRUCTIONS TO SURFACE OWNERS AND EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas West Virginia Department of Mines 1615 Washington Street East Charleston, West Virginia 25311 (304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in Methods for Filing Comments below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

August 14 1) Date:

2) Operator's

1045

Well No. 3) API Well No.

47-013-State County

#### STATE OF WEST VIRGINIA DEPARIMENT OF MINES, OFFICE OF OIL & GAS

#### NOTICE OF APPLICATION FOR A WELL WORK PERMIT

EFACE OWN	NER(S) OF RECORD TO BE SERVED	5(i) COAL OPERATOR
Name	James O. Stalnaker	Address
	Arnoldsburg Rt. Box 29	
	Spencer, WV 25276	5(ii) COAL OWNER(S) WITH DECLARATION ON REC
ame -	Spencer, WV 23270	Name No coal in area
dress		Address
Tame -		Name
ddress		Address
_		C ( ) ( ) ( ) ( ) ( ) ( )
		5(iii) COAL LESSEE WITH DECLARATION ON RECORD
		Name
		Address
	TO THE PERSON(S) NAMED ABOVE: You should have re	eceived this form and the following documents: on Form IV-2(B) (or Form IV-4 if the well is
	Take project that under the same	THAT YOU HAVE RIGHTS REGARDING THE APPLICATION  REVERSE SIDE OF THE COPY OF THE APPLICATION AUG 1 6 1984  EVER, YOU ARE NOT REQUIRED TO TAKE ANY  TO VIrginia Code, the undersigned well op OIL & GAS DIVISION and Application and accompanying document PT. OF MINES  the Office of Oil and Gas, West Virginia PT. OF MINES  to location described on attached Application is Notice, the Application, the plat, and the dby registered or certified mail or delivered
	6) EXTRACTION RIGHTS	
	Check and provide one of the following:  Included is the lease or leases or other con I hold the right to extract oil or gas.  The requirement of Code 22-4-1-(c)(1) through	tinuing contract or contracts by which
	/) HUYALITY PROVISTONS	
	Is the right to extract	oil or gas based upon a lease or loaces
	TOT COMPENSATION to the	at well toyalty of any similar armineron
	to the volume of oil or gas so extracted, produc	red or marketed? Yes No.
	If the answer above is No, nothing addityou may use Affidavit Form IV-60.	mional is needed. If the answer is Yes,

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

The implication is verified	
and sworm to and the Notice is	
signed on behalf of the Well Operator	
in my County and State by	
James Srink	
bistiday of Chienny , 19	Re!
Mrs.	8%
William H. Dranen	26.
Notary Public Meghining County,	
State of Jennsylvania	
Junisy vania	

OPERATOR	CNG Development Company
By_	and Time
Its/	ice President, James Frink
Addte	ss P. U. BOX 15/46
	Pittsburgh, PA 15244
Teleph	one 412-787-3550

05/17/2024

#### 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-lk 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-lk(d) and the reclamation required by Code § 22-4-l2b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-la(c) and 22-3-l2a, 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-lm, 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 cath 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-

- 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
William K. Hamilton, etal CNG Development Company 1/8 27 543



IV-9 (Rev 8-81)



DATE July 17, 1984

WELL NO. CNGD-1045

### State of Mest Virginia

API NO. 47 - 013 -3763

Gary A. Nicholas

DESIGNATED AGENT Crosswind Corporate Park

Bepartment of Mines Gil and Gas Bivision

#### CONSTRUCTION AND RECLAMATION PLAN

CNG Development Company

COMPANY NAME One Park Ridge Center

Address Pittsburgh, PA 15244		Address	Bridgeport, WV 263	30
Telephone 412-429-2390	-	Telephone_	304-623-8840	
ANDOWNER James O. Stalnaker		SOIL CONS.	DISTRICT Little Kanawha	
Revegetation to be carried out by_	Gary A.	Nicholas	(A	gent)
This plan has been reviewed by	Little	Kanawha	SCD. All correction	ns
and additions become a part of this pl	an:	7-20-8		
	(?)	(Date)	2 DECE	IM
are any set of the second of t	ya	(SCD Agent	win	
ACCESS ROAD			AUG	6 19
			LOCATION OIL & GA	S DIVI
Stricture Drainage Ditch Along access road	(A)	Structure_	Diversion Ditch	E M
Spacing Inside road cuts		Material_	Earth	
Page Ref. Manual 2-12 to 2-15		Page Ref. M	anual 2-12 to 2-15	
Structure Cross Drains			Filter Strip	
	(B)	structure		_ (2
Spacing As shown on sketch		Material_	Natural vegetation	
Page Ref. Manual 2-1 to 2-4		Page Ref. Ma	amual 2-16 to 2-17	_
Structure	(C)	Structure		(:
Spacing		Material		
Page Ref. Manual		Page Ref. Ma		_
commercial timber is to be cut and cut and removed from the site before	e dirt work	begins.	a small cancer to be	
<del>)</del>	REVEGETATIO	N		- 1
Treatment Area I		Tr	reatment Area II	
ime according to soil test to			ing to soil test to	
correct to pH 6.5			t to pH 6.5	14
fertilizer 600 lbs/acro (10-20-20 or equivalent)	е .	Fertilizer (1	600 lbs/a .0-20-20 or equivalent)	cre
hulch Hay or Straw 2.0 Tons/ac	æ	Mulch Hay o		acre
ced* Ky 31 Tall Fescue 40 lbs/acre	е	Seed* Ky 31	Tall Fescue 40 lbs/a	
Birdsfoot Trefoil 10 lbs/acre	9	Birds	foot Trefoil 10 lbs/a	
Dom Rye Grass 10 lbs/acre	9	Dom R	ye Grass 10 lbs/a	cre
*Inoculate all legumes such as vetch noculate with 3% recommended amount.		5.	rith the proper bacterium - JSB - 05/17/	
COTES: Please remost landouners!				
ecoperation to protect new	nd vest i		9 West Main Street	
seedling for one growing season. Attach separate sheets as		Cla	arksburg, WV 26301	
necessary for comments.	FE	ONE NO. 30	4-624-9700 or	
		304	4-842-3325 (24-hour)	



Washington

FARM Locie Hamilton, et alDISTRICT

ATTACH OR PHOTOCOPY SECTION OF

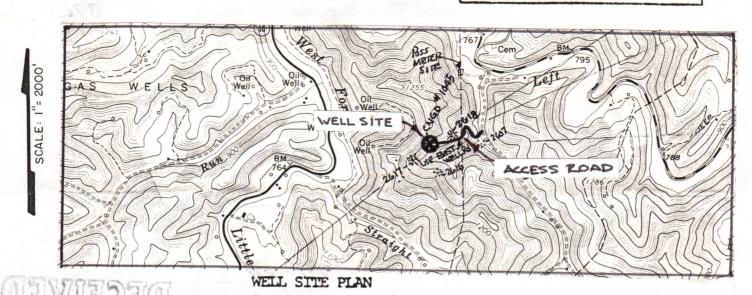
INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE Chloe, WV 7.5'

COUNTY Calhoun

LEGEND

Well Site 
Access Road ===



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

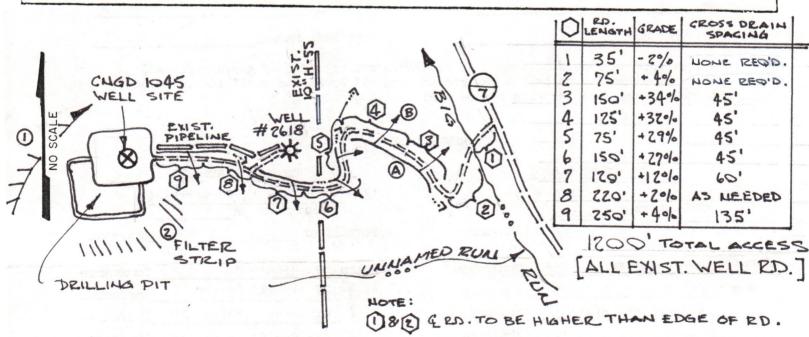
Property boundary

Road = = = Spring O

Existing fence X X Wet spot V

Planned fence | Drain pipe O

Open ditch | Waterway C = = =



Comments: Access to the well site will be gained by upgrading approximately 1200' of existing well road from an intersection point in Calhoun County Route 1.05/17/2024

The access road will be sloped 2-3% towards the open ditch. All outlets of drainage structures and ditches will be in a flat cleared 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.



OIL & GAS DIVISION

# DEPT. OF MINES

# DEPARTMENT OF MINES

# INSPECTOR'S WELL REPORT

Company 7/10	Development	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address		Size			
Farm Stalm	raper	16	TOP.	14 6 1 144 1 T	Kind of Packer
Vell No. 104	16	13			7
A STATE OF THE STA	ington County Cel.	10	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		Size of
	Visit to the property and the state of the s	81/4			
	9-13-84	5 3/16		17 M 12 M 18 M	Depth set
illing completed	Total depth	3		es estagos tra	Pour to-
te shot	Depth of shot	2	7-1 Y		Perf. bottom
tial open flow	/10ths Water in	Inch Liners Used			Pert. top
en flow after tubing_	/10ths Merc. in	Inch	2 20 20 20 20 20 20 20 20 20 20 20 20 20		Perf. bottom
lume	Cu.	. Ft.   CASING CEMEN	TED	SIZE	No FT
	lbs	The state of the s			No. FTDate
A		hrs. NAME OF SERV	VICE COMPAN	Y	
k pressure	lbs	hrs. COAL WAS ENC	COUNTERED A	Y .T	FEETINCHES
ck pressure	bbls., 1st 24 1	hrs. COAL WAS ENC	COUNTERED A	S	FEETINCHES
sh water	bbls., 1st 24 1	hrs. COAL WAS ENC	COUNTERED A	S	FEETINCHES
sh water	bbls., 1st 24 1	hrs. COAL WAS ENC	COUNTERED A	S	FEETINCHES
sh water	bbls., 1st 24 1	hrs. COAL WAS ENC	COUNTERED A	S	FEETINCHES
sh water water lers' Names (	bbls., 1st 24 1	hrs. COAL WAS ENC	COUNTERED A	S	FEETINCHES
sh water	bbls., 1st 24 1	hrs. COAL WAS ENC	COUNTERED A	S	FEETINCHES

9-14-84

DISTRICT WELL INSPECTOR

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

# INSPECTOR'S PLUGGING REPORT

COMPANY			ADDDDGG	45	en in sile	A. Salar Salar
			ADDRESS		4	
		DISTRICT	The second secon	COUNTY		-
Filling Material Used			Variable Committee Committ		energy Pal	
Liner Loc	ation	Amount		A		
		Amount	Packer	Location	1	•
	ND DEPTH PLACED		BRIDGES	CASIN	G AND T	UBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
				radiati a armen	anger a milan	and the state of t
						30.72. 30.72
	and the second				e sales	
	www.compress.com	2 20 10 7 10 1 10				2 3 3 1 2 2
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
				1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
and the second of the second o	A STATE OF THE STA			12 100 to 12 10 10 10 10 10 10 10 10 10 10 10 10 10	1 4 5 S	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. 2020				
	Jan Market			and the second s		
rillers' Names						
emarks:					The state of the s	Antipo and a
The second secon				· Production		
a course that it is stated if it is to be a second of the	. No					
a man con a second contract			g y war and the second territorial to the second territorial terri			
DATE	hereby certify I vis	sited the above	well on this date.			

DISTR 65/2/1/12024

# DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

### INSPECTOR'S WELL REPOR DEPT. OF MINES

Permit No. 1 37 67		124 - 1 3 - Water 8	Oil o	r Gas Well	
Company CNG Production	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS	
Address	Size	a water day to the			
Farm Stalnaper	16			Kind of Packer_	
Well No 1045	13			1 29 30 7 7 7 1	
District Wash. County Cal.	81/4			Size of	
Drilling commenced	65%			Depth set	~
Drilling completedTotal depth	5 3/16				
Date shot Depth of shot	3		n week and the second	Perf. top	
	2		S 41 (51 H)	Perf. bottom	
nitial open flow/10ths Water inInch	Liners Used			Perf. top	
pen flow after tubing/10ths Merc. inInch				Perf. bottom	
olumeCu. Ft.	CASING CEMEN	TED	_SIZE	No. FT	Date
ock pressure lbs hrs.	NAME OF SERV			ng nganggang ng ng ng ng	
bbls., 1st 24 hrs.	COAL WAS ENC	COUNTERED A	AT	FEETINC	HES
resh waterfeetfeet				FEETINC	
ilt waterfeetfeet				FEETINC	
rillers' Names D. D. C. #					
marks: (975)					

9-15-84

De Moz 05/17/2024

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

## INSPECTOR'S PLUGGING REPORT

COMPANY			ADDRESS			
FARM			Annual for the second of the s	on the state of the state of	Spark Hotel	
r Ann		DISTRICT		OUNTY		
Filling Material Used				and the same state of the same		
Liner I	ocation	Amount	Packer	Location		21 TANKE TO A TANKE
PLUGS USED	AND DEPTH PLACED		BRIDGES	CASIN	G AND T	UBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
	-10 g -10 e e e e e e e			ngan pagasana	e well and early	
				an 2 on 1882 X 12 85 Y	400 - 200	egy territor (\$400 egill)
				S. E. S. W. C. W. Company	a a set it is	130 (130 )
te v				V. 14,6		
and the second second						34 SERVE
The way to the second of the s	godine, plane called a select a selection	.1.94				
					· 1	
and the second						
rillers' Names						
				a para de la companya	a sayer is	
emarks:	a Tara to set in the second on the con-					
	and the second of the second o	,				жине учет т <sub>е</sub>

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

SEP 25 1984 SEP 25 1984 SEP 25 1984

555415

Oll or Gas Well\_

DISTRICT WELL INSPECTOR

			DEL IKH	NO.
Company CN & Oewelopmen	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address	Size			
Farm Stolnaker	16		and the second second	Kind of Packer
Well No. 1045	13			
District Washington County Cal	10			Size of
Drilling commenced	65%			
the second secon	53/16	x	. State parties to the	Depth set
Drilling completed Total depth	3			Perf. top
Date shotDepth of shot	2			Perf. bottom
Initial open flow/10ths Water in	Inch Liners Used		SANDERS P	Pert. top
Open flow after tubing/10ths Merc. in	Inch			Perf. bottom
Cock pressure lbs.			SIZE	No. FTDate
bbls., 1st 24	hrs. COAL WAS ENC	OUNTERED A	<b>T</b>	FEETINCHES
Fresh waterfeet				FEETINCHES
Salt waterfeet				FEETINCHES
Orillers' Names DDC 3	,			
emarks:		4		
225/ of 83/8" Cao	un , Haliba	uten,	9-1	6-84
480 SKS 30,	130 POZ C	emut		
Good circulation		mwo		The second section of the second section is a second section of the second section
9-16-84	S. S		10	4
PATE			Ves!	205/17/2024

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

## INSPECTOR'S PLUGGING REPORT

COMPANY			ADDRESS			
FARM		DISTRIC	The second section of the second section of the second section of the second section s	THE THE STATE OF T	A Company of the second	. I. J
200	541 Y 1012		C	OUNTY		
Filling Material Used				and the second s		
Liner Lo	peation	Amount	Packer	Location	No. Agent in the control of	
PLUGS USED	AND DEPTH PLACED		BRIDGES			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	
				NI SOVERED	0.22	LOST
				Sign of the second		
					and the second	भाग ३ - १७४३ -
,				1.		pi ce y di
			3 a.s		ALC THE SECTION	
The Posts	grammer of the second of the					
				A	and the second second	
	manage to the second	- M		A-1	<u> </u>	94.78 80.70
		2000		and the state of t		200
And the second second second						
of December 1 and Table	of a				6	
rillers' Names		The same of				
Traines				,		, , , , , , , , , , , , , , , , , , ,
emarks:	e e especialista de la companya della companya de la companya della companya dell	and the second second second	A 797 797			Secretary of the Control
a come agree e o le 688 o 19						
	a galanta kontriberri					
DATE	I hereby certify I v	risited the abov	ve well on this date.			





OIL & GAS DIVISION DEPT. OF MINES

### State of West Virginia

#### Department of Mines Gil and Gas Division Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
April 17, 1985

	April 17, 190	)					
COMPANY	CNG Development Company	PERMIT NO _	013-	-3763	(8-27-84	+)	
P. 0.	Box 15746	FARM & WELL	NO S	J. Sta	lnaker,	CNGD	#1045
Pittsl	burgh, Pennsylvania 15244	DIST. & COU	NTY V	Washin	gton/Cal	houn	
			IN (	COMPLI	ANCE		
RULE	DESCRIPTION		YES		NO		
23.06 25.04 25.03 16.01 15.03 15.02 15.01 15.04 15.05 23.02 25.01 23.04 23.05 23.07 16.01 16.02 7.05	Notification Prior to Starting Work Prepared before Drilling to Prevent Waligh-Pressure Drilling Required Permits at Wellsite Adequate Fresh Water Casing Adequate Coal Casing Adequate Production Casing Adequate Cement Strenght Cement Type Maintained Access Roads Necessary Equipment to Prevent Waste Reclaimed Drilling Pits No Surface or Underground Pollution Requirements for Production & Gatherin Well Records on Site Well Records Filed Identification Markings						
I HAVE IN	NSPECTED THE ABOVE CAPTIONED WELL AND I	RECOMMEND THA	T IT	BE RE	LEASED:		
		SIGNED A	de	1/1	noe	e_ Er	
1		DATE	ME		/ / /	40	
with Char	l record was received and reclamation poter 22, Article 4, Section 2, the above for the life of the well.					dance	2
		Administrat	or-0:	il & G	as Divis	ion	
		Jun	e 27	, 1985			
			DATE				

1.

# 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 -	013 - 0376	63 -	
2.0 Type of determination being sought:	<del>-i</del>				
(Use the codes found on the front			103		
of this form.)	i	Sect	tion of NGPA	Category Code	
3.0 Depth of the deepest completion	1				
location: (Only needed if sections 103			5,467	feet	
or 107 in 2.0 above.)				1001	
4.0 Name, address and code number of					
applicant: (35 letters per line		CNG Developmen	t Company		
maximum. If code number not	Name	One Park Ridge			Seller Code
available, leave blank.)	1	P. O. Box 15746			ocher code
	Street	1. 0. BOX 19740			
		Pittsburgh	P	A 15244	
	City	and the second second	Str		e
5.0 Location of this well: [Complete (a)			1.00		
or (b).]	i	Washington Dis	trict		
(a) For onshore wells	Field Na	ime			
(35 letters maximum for field		Calhoun	1	۸V	
name.)	County		Sta	ate	
(b) For OCS wells:			- 31		
	!			The state of the s	
and the second s	Area Na	me		Block Numi	ber
	i	Date	of Lease:		
	i				
• • • • • • • • • • • • • • • • • • • •	1	Mo.	Day Yr.	OCS Lease Number	
(c) Name and identification number	!				
of this well: (35 letters and digits	-	Hamilton		CNGD #10	)45
maximum.)					
(d) If code 4 or 5 in 2.0 above, name	1				
of the reservoir: (35 letters					6.5 (5.5) (5.5)
maximum.)					
6.0 (a) Name and code number of the					
purchaser: (35 letters and digits	i				
maximum. If code number not		Undetermined			1000 1000 1000
available, leave blank.)	Name				Buyer Code
(b) Date of the contract:					
	1				
			Mo. Day	Yr.	
(c) Estimated total annual production			2		
from the well:	i		3	Million Cubi	c Feet
	! -				
			6.1 -	(c) All Other	(d) Total of (a),
	i 1	(a) Base Price	(b) Tax	Prices [Indicate	(b) and (c)
70.0	1			(+) or (-).]	
7.0 Contract price:	!				
(As of filing date. Complete to 3	S/MMBTU				
decimel places.)	<u> </u>				
8.0 Maximum lawful rate:					
(As of filing date. Complete to 3	S/MMBTU	2 9 5 1			
decimal places.)	1				
9.0 Person responsible for this application:	i	D. N. Mo+-10-	1		
Acceptance	!	R. N. Metzler	/		Reserves
Agency Use Only	Name	11/1/1/1/1/1/1		Title	
Date Received by Juris 1984	1 -/	110/10/10	V		
Date Record 1507	Signature			200.2	
Date Received by FERC	!	12/06/84		-412-787-	4092
LDC 121	Date App	lication is Completed		Phone Number	10004
ERC-121 (8-82)				05/17	//2024

Date Received

## STATE OF WEST VIRGINIA

DEC. 28 1984

Determination Date

## DEPARTMENT OF MINES, OIL AND GAS DIVISION

# COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: December 06,19 84	AGENCY USE ONLY
Applicant's Name: CNG Development Company	WELL DETERMINATION FILE NUMBER
Address: One Park Ridge Center P.O. Box 15746	9.440
Pittsburgh, PA 15244	841210 -103-013-3763
Gas Purchaser Contract No. N/A	Use Above File Number on all Communications Relating to This Well
Date of Contract N/A (Month, day and year)	
(Month, day and year)	Design 1
First Purchaser:undetermined	Designated Agent: Gary A. Nicholas  CNG Development Company
Address:	Address: Crosswind Corporate Park Route 2 Box 698
Address: (Street or P.O. Box)	Bridgeport, WV 26330
(City) (State) (Zip Code)	
FERC Seller Code	FERC Buyer Code
NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERN. BE ADDRESSED:	ING THIS APPLICATION SHALL
Name: Robert N. Metzler	Manager of Reserves
Signature: (Print) Mells	(Title)
Address:  One Park Midge Center - P.O. Bo  (Street or P.O. Box)  Pittsburgh, PA 15244	The sale and the s
(City) (State)	(Zin Code)
Telephone: (412) 787-4092 (Area Code) (Phone N	lumber)
(Certificate of Proof of Service to Purcha	
NGPA Catagory App	lied For
NGPA SECTION/SUBSECTION	
102 New Natural Gas	108 Stripper Well Natural Gas
102-2 2.5 Mile Test 102-3 1000 Foot Deeper Test	108- Stripper Well
102-4 New Onshore Reservoir	108-1 Seasonally Affected 108-2 Enhanced Recovery
103 New Onshore Production Well	108-3 Temporary Pressure Buildu
x 103 New Onshore Production Well	*
107 High Cost Natural Gas	AGENCY USE ONLY
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	QUALIFIED
107-7 Recompletion Tight Formation	05/17/2024
Page R	03/11/2024
DEC 1 0 1984	
OIL & GAS DIV,	
DEPT. OF MINES	

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

Date	Dec	ember	06	, 1984
Operat	or's			
Well t	10.	#10	45	
API We	11 No			
47		013		03763
State	;	County		Permit

#### WELL CLASSIFICATION FORM

# NEW ONSHORE PRODUCTION WELL NGPA Section 103

	DESIGNATED ACENT. Cory A. Nicholas
	DESIGNATED AGENT Gary A. Nicholas  CNG Development Company
	ADDRESS Crosswind Corporate Park
요즘 맛이 그렇게 되는 것이 나는 사람이 되었다면 하셨다.	Route 2 Box 698
	Bridgeport, WV 26330
WELL OPERATOR CAN Development Comment	LOCATION: Flevation 1060'
WELL OPERATOR CNG Development Company One Park Ridge Center	LOCATION: Elevation 1060'
ADDRESS P.O. Box 15746	Watershed Big Run
Pittsburgh, PA 15244	
	District County _Calhoun Quad. Chloe
GAS PURCHASER undetermined	Gas Purchase Contract No. N/A
ADDRESC	Mater Chart Code N/A
ADDRESS	Meter Chart Code
	Date of Contract N/A
* * * * * * * * * *	* * * * * * * * * * *
Date surface drilling was begun: 9/13/84	
Indicate the bottom hole pressure of the well and expla	in how this was calculated:
BHP = 1159#	
BHP = $P_1 + P_1$ (e GL 53.34 $T_1$ )	
AF	FIDAVIT
applicable state or federal well spacing requirements a the time surface drilling began, which was applicable to which applied to any other well producing gas in comme after February 19, 1977, and which was capable of produ I have concluded, to the best of my information, knowle	begun on or after February 19, 1977; the well satisfies nd the well is not within a proration unit in existence at to the reservoir from which gas is or will be produced and ercial quantities or on which surface drilling began on or cing gas in commercial quantities. I state, further, that dge and belief, that the well for which this determination m not aware of any information not described in the appli-
	1294 9
	2.11. Mell
그 그게 다른 말에 보는 경영 내는 그래?	R. N. Metzler
	Manager Reserves
Pennsylvania STATE OF MESAXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
COUNTY OF Allegheny, TO WIT:	
,Yvonne T. Green , a Notary Publ	ic in and for the state and county aforesaid, do certify
	ed to the writing above, bearing date the 6th day of
	before me, in my county aforesaid. $05/1/2024$
Given under my hand and official seal this 6	
My term of office expires on the 25thday of	
18	
[NOTARIAL SEAL]	Vivoreno T Droom
	Notary Public

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

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

Person						
1.0	API well number: (If not assigned, leave blank, 14 digits.)	1	47 -	013 - 03	763	
20	Type of determination being sought:	<del>-i</del>			MRAF	
1	(Use the codes found on the front	!		107	3 PECE	
	of this form.)	!	-	107	The second secon	BUN 15 INI
10.0			Secti	on of NGPA	Categoriacode	48111
3.0	Depth of the deepest completion	1			DEC 1	
	location: (Only needed if sections 103	1		5,467	feet	01984
	or 107 in 2.0 above.)	i			011 -	
4.0	Name, address and code number of				OIL & G,	45 000
1	applicant: (35 letters per line	i	CNG Development	Company	DEPT OF	AS DIV. MINES er Code
	meximum. If code number not	Name	THE RESERVE TO A PARTY OF THE P		The state of the s	MINEC
		i reame	One Park Ridge			er Code
	available, leave blank.)	-	P. O. Box 15746			on the control of the
		Street	_			
1			Pittsburgh	F	PA 15244	
		City		St	ate Zip Cod	e
5.0	Location of this well: [Complete (a)	1	Miller (Shint) with the Environment and the major controlled path or regard, was not debut the consequence of the reg		den and country best to the section of the section	
	or (b).]	i	Washington Dist	trict		
	(a) For onshore wells	Field N				
	(35 letters maximum for field	1			LIM	
1		1	Calhoun	Contract Contract of Contract	WV	
	name.)	County		Sta	ate .	
	(b) For OCS wells:	!				
		!				
		Area Na	me		Block Num	ber
		!				
	•	1	Dava	of Lease:		
		1	Date			
		1				
-	(a) Na	<u> </u>	Mo.	Day Yr.	OCS Lease Number	
	(c) Name and identification number					****
	of this well: (35 letters and digits		Hamilton		CNGD	#1045
	maximum.)					
	(d) If code 4 or 5 in 2.0 above, name	i			THE CHARLES AND ASSESSMENT OF THE PROPERTY OF	1
	of the reservoir: (35 letters	i				
	maximum.)	1				
60	(a) Name and code number of the	-				
0.0		1				
	purchaser: (35 letters and digits	1	Undetermined			
	meximum. If code number not	!	Undetermined			
	available, leave blank.)	Name				Buyer Code
	(b) Date of the contract:				٠.	
	27 18 1 1					
	** *	i		Mo. Day	Yr.	
	(c) Estimated total annual production	<del>-</del>		MO. DEY	11,	
	from the well:	i		3		
	nom the wen.	1	-	3	Million Cubi	c Feet
-		1				
		! 1			(c) All Other	(d) Total of (a),
		; 1	(a) Base Price	(b) Tax	Prices [Indicate	
	1 10	; 1			(+) or (-).)	(b) and (c)
7.0	Contract price:	1				
	(As of filing date. Complete to 3	IS/MMBTU	1			
	decimal places.)	1				
0.0		+				
6.0	Maximum lawful rate:	! !				
	(As of filing date. Complete to 3	S/MMBTU	5 9 0 2			
	decimal places.)					
9.0	Person responsible for this application:				The second secon	
		i	R,N. Metzler /		Manager	Reserves
	Agency Use Only	Name	111.1.1.11			
Date		1	1.11/11.00		Title	
-	Received by Juris Agency	/				
2016	Received by Juris. Agency	1	H. Menn			
	DF C 1 0 1984	Signature				
	Received by Juris. Agency		12/06/84		-412-787-	-4092 <u>;</u>
Date	DF C 1 0 1984				*412-787-	-4092 <u>;</u>

DEC. 28 1984

### DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FO	R WELL CLASSIFICATION
Date: December 6 ,19 84	AGENCY USE ONLY Des
Applicant's Name: CNG Development Company	WELL DETERMINATION FILE NUMBER
Address:  One Park Ridge Center P.O. Box 15746	
Pittsburgh, PA 15244	841210 -107-013-3763
Gas Purchaser Contract No. N/A	Use Above File Number on all Communications Relating to This Well
Date of Contract N/A (Month, day and year)	
First Purchaser:undetermined	Designated Agent: Gary A. Nicholas
	Address: CNG Development Company Crosswind Corporate Park
Address: (Street or P.O. Box)	Route 2 Box 698 Bridgeport, WV 26330
(City) (State) (Zip Code) FERC Seller Code	FERC Buyer Code
NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCER BE ADDRESSED:	NING THIS APPLICATION SHALL
Name: Robert N. Metzler	Manager of Reserves
Signature: (Print)	(Title)
Address: One Park Ridge Center - P.O. 1	Box 15746
(Street or P.O. Box) Pittsburgh, PA 1524	1
Telephone: (City) (State) (Area Code) (Phone	(Zip Code)
(Certificate of Proof of Service to Purch	
NGPA Catagory Ap	
NGPA SECTION/SUBSECTION	•
102 New Natural Gas	108 Stripper Well Natural Gas
102-2 2.5 Mile Test 102-3 1000 Foot Deeper Test	108- Stripper Well
102-4 New Onshore Reservoir	108-1 Seasonally Affected 108-2 Enhanced Recovery
103 New Onshore Production Well	108-3 Temporary Pressure Buildu
103 New Onshore Production Well	
107 High Cost Natural Gas	AGENCY USE ONLY
107-0 Deep (more than 15,000 feet) 107-1 Geopressured Brine	
107-2 Coal Seams 107-3 Devonian Shale	
107-5 Production enhancement	QUALIFIED
107-6 New Tight Formation 107-7 Recompletion Tight Formation	QUA
	05/17/2024
RESSLYEN	
DEC 1 0 1984	•.
OIL & GAS DIV.	
DEPT. OF MINES	

te Received

Determination Date

Date Dec		, 19 84	
Operator	's		
Well No.	#1045		
API Well	No.		
47	- 013	-	03763
State	County		Permit

#### WELL CLASSIFICATION FORM

# HIGH COST GAS WELL - DEVONIAN SHALE NGPA Section 107

	DESTONATED	AGENT Gary A. Nicho	las
	DESTGNATED	CNG Developme	
	ADDRESS	Crosswind Cor	
		Route 2 Box 6 Bridgeport, W	
WELL OPERATOR CNG Development Company	LOCATION:	Elevation 1060'	
One Park Ridge Center  P.O. Box 15746		Watershed Big Run	
Pittsburgh, PA 15244 Attn.: Prod. Reg. Coord.		DistrictWashingtonCounty Ca	alhoun Quad.Chloe
GAS PURCHASERundetermined		Gas Purchase Contract No.	N/A
ADDRESS		Meter Chart Code	N/A
		Date of Contract	N/A
* * * * * * * * * *	* * *	* * * * *	* * * *
Date surface drilling was begun: 9/13/84			
Indicate the bottom hole pressure of the well and expl	ain how this	was calculated.	
BHP = 1159#			
$BHP = P_1 + P_1$ (e GL 53.34 $T'_{-1}$ )			
그렇게 하나 하나 그렇게 그 그리면 하다.			
A	FFIDAVIT		
I, R. N. Metzler, having been to the percentage of footage of the producing interval who of less than 0.7 if a Gamma Ray log described in Subparaby the report described in Subparagraph (3)(ii)(B); disqualifying non-shale footage is equal to or less the I have no knowledge of any information not described that the well qualifies as a high-cost natural gas well	ich is not De ragraph (3)(i I have demo an five (5) p in the applic	vonian Shale as indicated by ) or (3)(ii)(A) has been fill onstrated that the percenta percent of the gross Devonia	y a Gamma Ray index ed, or as indicated age of potentially n age interval; and
	211	18	
	K. Kla	Yesti	
	,	Manager Reserves	
STATE OF WEXXXXXX			
COUNTY OF <u>Allegheny</u> , TO WIT:			
I Verse I Com			-
I, <u>Yvonne T. Green</u> , a Notary Pub			
that R. N. Metzler, whose name is sign			the 9th day of
November , 19 <u>84</u> , has acknowledged the same			
Given under my hand and official seal this _9			/17/2024
My term of office expires on the 25th day of	May	, 19 <u></u>	
[NOTARIAL SEAL]	Zluo	une T Theer	
	/	Notary Public	

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

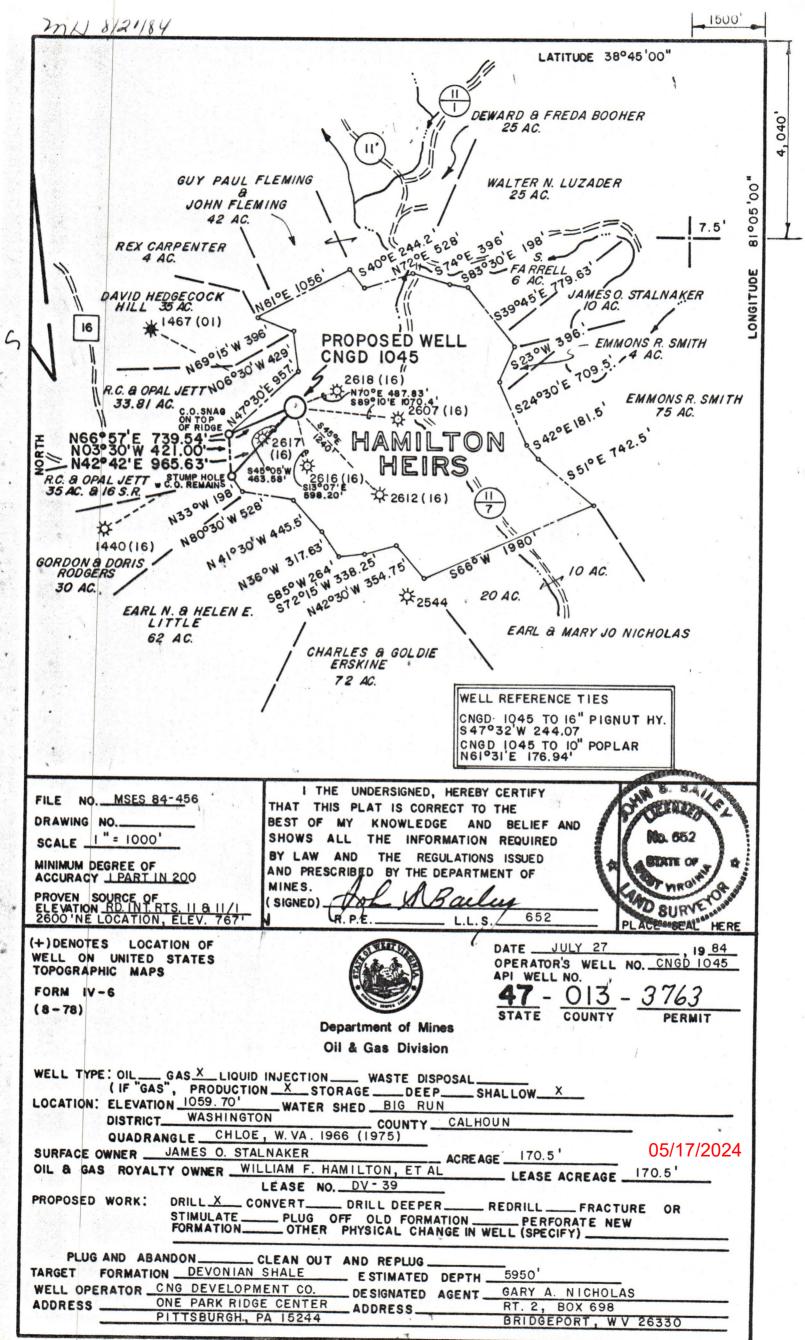
# DEVONIAN SHALE GAMMA RAY LOG APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT

OPER/	ATORCNC	G DEVELOPMENT COMPANY	AGENT	Gary A. Nicholas	
Туре	Determinat	tion being sought - 107 (Devonian	Shale)		
API I	WELL NO	47-013-03763	WELL NAME	Hamilton	CNGD #1045
		Office of Oil and Gas References:		Calhoun	
SJ/ Vol	File No.	Page Line			
	NOTE: A	Gamma Ray Log has been marked on see Line), (c) intervals with Gameluded with this analysis.	with the (a) Shale B		
11.	Camma Ray	Elevation Indices:			
	Α.	Shale Base Line (API Units)	180		
		1. GR Value at Base Line =			
		2. Remarks:			
	В.	Gamma Ray Log Value at 0.7 x ( $180$ 1. GR Value = $\frac{215}{215}$ * API	Value at Base Line) Units		
		2. Calculation: 0.7 (GR Valu 0.7 (		126 150 AP	I Units
111.	Intervals	With GR Index Less Than 0.7 x (	Value at Base Line):		
			Thicknes		Feet of Less Than
	From**	Interval <u>To***</u>	of Interv	va1 	0.7 (Shale Base Line) Feet*
	2,510'	5,665'	3,155'		3,000'
	Tabal David		3,155'		
		onian Interval		=	
		s Than 0.7 (Shale Base)			05/17/2024
	% Less Tha	an 0.7 (Shale Base Line) =9	9509 x 100 = 95	.09 %	00/11/2024

<sup>\*</sup> Marked on log included with analysis.

<sup>\*\*</sup> Top of Devonian section recorded on first interval in this column.

<sup>\*\*\*</sup> Lesser of TD or bottom of Devonian section recorded as last interval in this column.





IV-35 (Rev 8-81)

# State of Mest Airginia Bepartment of Mines

Bepartment of Mines

Bil and Gas Bivision

Date	N	ovembe	er 5,	198	4
Opera	ator	S		9	
Well	No.	CNO	D 10	45	
Farm	НАМ	MILTON	1		
API	w	17 -	013		3763

# WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

CCATION: Elevation: 1059.70 Watershed_	Big	Run		
District: Washington County Ca	lhoun	Quadrangle	Chloe.	WV 1966 (1
COMPANY CNG Development Company				
ADDRESS P.O. Box 15746, Pittsburgh, PA 15244	Caging	Used in	Toft	Cement
DESIGNATED AGENT Gary A. Nicholas	Casing	Drilling		fill up Cu. ft.
DDRESS Rt. 2 Box 698, Bridgeport, WV 26330	Size	DITTITING	III MEII	Cu. It.
SURFACE OWNER James O. Stalnaker	20-16			
DDRESS Spencer, West Virginia 25276	Cond.	-		
INERAL RIGHTS OWNER William Hamilton	13-10"	-		
ADDRESS Charleston, West Virginia 25314	9 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK	8 5/8	2263	2263	To surf
Deo Mace ADDRESS Sandridge, WV 25274	7			
PERMIT ISSUED 8-27-84	5 1/2			
DRILLING COMMENCED 9-13-84	4 1/2	5661	5661	170 sks
DRILLING COMPLETED 9-21-84	3			-
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2			
CONTINUOUS PROGRESSION FROM DRILLING OR	Liners			
REWORKING. VERBAL PERMISSION OBTAINED	used			
GEOLOGICAL TARGET FORMATION Devonian Sh				fee
Depth of completed wellfeet				
Water strata depth: Fresh 136 feet;				
Coal seam depths: 1243 - 1245	_ Is coal	being min	ed in the	area?N
OPEN FLOW DATA			5445 -	5467
Producing formation 2nd Elk Ist Elk Alexander	Pa	y zone dep	th 5007 -	5187 5017 fee
Gas: Initial open flowMcf/d	Oil: In	itial open	flow	Bbl/
Final open flow 73 Mcf/d	Fi	nal open f	low	Bb1/
Time of open flow between ini	itial and f	inal tests	ho	ours
Static rock pressure 1010 psig(surfa	ace measure	ment) afte	r_1 hou	ırs shut i
(If applicable due to multiple completion	on)		OF	14712024
Second producing formation	Pa	y zone dep	th	/17/2024 fee
Gas: Initial open flow Mcf/d				
Final open flow Mcf/d				
Time of open flow between in:				

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

Allegheny Nuclear Perforated 2nd Elk 5445 - 5467; 10 holes · lst Elk 5141 - 5187; 10 holes Alexander 5007 - 5017; 8 holes

			Alexander 5007 -	5017; 8 h	oles
На	lliburton Frac <u>lst</u> BMP	<u>Stage</u>	2nd Stage	<u>3 r</u>	d_Stage
	Break	3000	N/A		3000
	HHP	1000	1000		1000
	Avg. PSI	3000	3450		2700
	MOD 202	500 gal	650 gal		350
	20/40 Sand	45,000	45,000		45,000
	Total BBL Fluid	592	526		530
	ISIP	N/A	2800		800
	5 min	N/A	2200		700
	N <sub>2</sub>	422,000	598,000 3300 WELL	T.000	450,000
	ВНТР	3100	3300 WELL	1116	2800

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all freshand salt water, coal, oil and gas
Sand, Shale & RR	0	1243	
Coal	1243	1245	
Sand & Shale	1245	1981	
Lime	1981	2017	
Shale	2017	2030	
Lime	2030	2197	
Injun	2197	2230	
Sand & Shale	2230	5668	
		a specialization of	

(Attach separate sheets as necessary)

CNG DEVELOPMENT COMPANY Well Operator 05/17/2024 Date: November 5, 1984

Regulation 2.02(i) provides as follows:

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