



1)	Date:	May	9,	, 19_85
2)	Operator's		1157	1657

Permit

Well No. *******API Well No. 47 -041-3

3) API Well No. 47 -041-3618 County

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

OIL & GA	S DIVISI	ON		A	PPLICA	TION FOR A WEL	L WORK PERMI	T	
DEPT.	F MI	NES				TION TOWN WEE	E WORK I ERWI	<u> -</u>	
4) WELL TY	PE: A	J1l	NAMES OF STREET	Charles Townson					The first overest
E) LOCATIO	В (If "Gas", evation: _	Production 1	onX				Deep	_/ ShallowX/)
5) LOCATIO	DN: EI	evation: _	Free	mans	Creek	Watershed:	Lewis		Vadis 646
6) WELLOR	PERATOR	CNG D	evelo	pment	Comp	any DIO		DAGENT Gary	Nicholas
Addres	c/o F	aul W.	Garre	ett,	P.O.	Box 15746	Address	Crosswind	Corporate Park
7 Ida Co					1524		Rt. 2,		dgeport, WV 26330
8) OIL & GA	AS INSPEC	CTOR TO	BE NOTI	FIED			9) DRILLING C		
Name		Steph	en Cas	sey			Name	C T 1-	Drilling Co.
Addres	s	Rt. 2				<u> </u>	Address	P.O. Box	48
		Jane	Lew, I	V 2	6378			Buckhanno	n, WV 26201
10) PROPOSI	ED WELL	WORK:	Drill_	x	_/ Drill	deeper	/ Redrill	/ Stimulate_X	
			Plug o	ff old	formation	/ Perfora	ite new formation	1/	
						n well (specify)			
11) GEOLOG						alltown			
12) Estim						feet			
							·		
14) Appro	oximate coa	ıl seam dep	ths: 190	,480	,760,9	925 Is coa	l being mined in th	e area? Yes	/ Nox/
15) CASING	AND TUB	ING PROC	GRAM						
CASING OR TUBING TYPE		SPEC	IFICATION Weight	S		FOOTAGE IN	TERVALS	CEMENT FILL-UP OR SACKS	PACKERS
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
Conductor	11 2//	11 40	10	100	B 30				Kinds
Fresh water	11-3/4	H-40	42	X		40	40	To Surface	By Rule 15.05
Coal	0 5/0	37 / 0	0.0						Sizes
Intermediate	8-5/8	Dr. Stranger Co., Stranger of	23	X		1000	1000	To Surface	By Rule 15.05
Production		J-55	10.5	X		3945	3945	200-400	Depths set
Tubing	1-1/2	CN-55	2.15	X		SE JAC HELL SI	MAD		By Rule 15.01
Liners									Perforations:
		2,15727.364	acuan	mile.	7/13/17	S Lighter Rights	ednos Progelas	A CONTRACTOR AND ADDRESS	Top Bottom
									CONTRACTOR SERVICES AND ADDRESS OF THE SERVICES AND ADDRES
	waq.								
The same				2)660	00/98/11/1	OFFICE USE O	NLY		Programs was a self-self
			100		STORY CHARLES	DRILLING PER			244017
_	47-0	41-361	R						There's de manage
Permit number_	17 0	71 3010	•						June 4 1985
This permit cove	ring the m	all amanata		1.1		tan in the April 198		Date	
quil cilicilità subje	ct to the co	mailions c	ontained	nerein a	nd on the	reverse hereot NOI	ification must be a	ivon to the District Oil	ce with the pertinent legal re- and Gas Inspector, (Refer to
110. 0) 1 1101 10 1	ne constitut	mon of tos	ius, iocati	ons and	pits for	any permitted work.	In addition the w	ell operator or his cont	ractor shall notify the proper
district on and g	as mspecio	1 24 110015	before ac	iuai pe	rmitted w	ork has commenced	.)		
The permitted we reverse hereof.	ork is as de	escribed in	the Notic	e and A	pplication	n, plat, and reclamat	ion plan, subject t	o any modifications an	d conditions specified on the
Permit expires _	June	4, 198	37						
Termit expires _						unless well v	vork is commenced	prior to that date and p	prosecuted with due diligence.
									DWS PERSONAL CONTROL FOR AN
Bond:	Agent	1:1 P	lat:	Casin	g	Fee			
28	4113	n	1/1	m	1/24	113 6	2		1
				111		7	1 hu	aut)	Mari
						1	Adm	nistrator, Office of Oi	l and Gas
NOTE: Keep or	ne copy of	this permi	t posted a	t the dr	illing loca	ation.	7	modulator, office of Of	and Gas

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

12/08/2023

Reason:

OLLICE OPP OLL	OFFI	CE	USE	ONL
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PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

10100 9000 100 100 100	OFFICE USE ONLY	
This part of Form IV-2(b) is to record th	e dates of certain occurrences and any	follow-up inspections.
	Date	Date(s)
Application received	Follow-up inspec	ction(s)
	DRIFTING PETENTS	
Well work started	, ,,	Cini number 43-021-3018
process	on showing the section of percuesion reacted and an and an and by the five forces of the first and an and a section for the first section and a section for the first section and a section for the first section and a section for the sectio	his perture covernie the well operator and well to eeo
Well Record received	rapilited spork (to commenced.)	start of and was time clor 24 hours before actual to a remained work is as described in the Nortes and N
Reclamation completed	"	verschured June 4, 1987
OTHER INSPECTIONS	Tool La	aondi Agenty Plets Carin
		not lead to the



M8 9512

986 4 1₁₂708/2023

State at West Wirginia API NO. 47 - 041 - 36.

January 08,

mieidis erd den list

Material Earthen	spacing On upper road cuts
(A) Structure Diversion Ditch (I)	Structure Drainage Ditch
SO TOCHLION OF STREET	OAOR SZEDOA
West Fork co. All corrections	Revegetation to be carried out by C. This plan has been reviewed by and additions become a part of this planters of whus 10 ft. CHANGE OF ELEVATION OF PLUS OR WINUS 10 ft. OR SLOPE OF PLUS OR MINUS 10 ft.
SOIL COMS, DISTRICT West Fork	LANDOWNER Grafton Coal Co.
PA Telephone 304-623-8134	Telephone 412-429-2390
ttsburgh, AddressRt. 2, Box 698, Bridgeport, W	Address] Park Ridge Center, Pi
NAM RECLAMATION PLAN GRIV A. Wicholas DESIGNATED AGENT GRIV A. Wicholas	OIL & GAS DIVISION CONSTRUCTION COMPANY NAME CNG Development Co.

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.

(C)

(B)

Page Ref. Marual

Page Ref. Marrial

Page Ref. Manual

Material

Structure

Material

Structure

REVEGETTATION

	•	•			40.00			
Jbs/acre	OI 9/	Domestic Ry		lbs/acre	TO	c Rve)omesti	Ī
sms\adi	OI Liola	Birdsfoot Tr		1bs/acre	TO	Trefoil	toolab	Bir
sms\adl	SE ena	4 KY 31 Feso	99 S	1bs/sall	35	enose	KK 31 I	* beed
Tons/acre	.sw S	ch Hay or Str	WIT	9 Same\and	2	Straw	To yell	mjch_
(tra)	20 or equival	(10-50-5		(Jus	TAST	20-20 ox edi	(TO-)	
lbs/acre	009	tilizer	Fer	sms/adl_				[itra]
		or correct to p			2	9 Hd on	correct t	TO
ems\andT	test Hq o	e According t	mil	STOR/ SCOT	test	Hq of gr	ccordin	A smi.
	II BOTA II				T Pa	ש שותוחף		

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

AE CHAVELEE ATTE

SHOWE NO. 304-623-1214
Clarksburg, WV 26301

TYND SORVEYING SERVICES

(3)

(2)

Tocase recuest landaurent indicarion occipentation occipentation accidentation seediful seedi

5-1

Te-113 to 9%-91

5-3

with riprapped outlet

2-15

Broad Based Dip

Cross Drain

Spacing According to 0%0 Manual

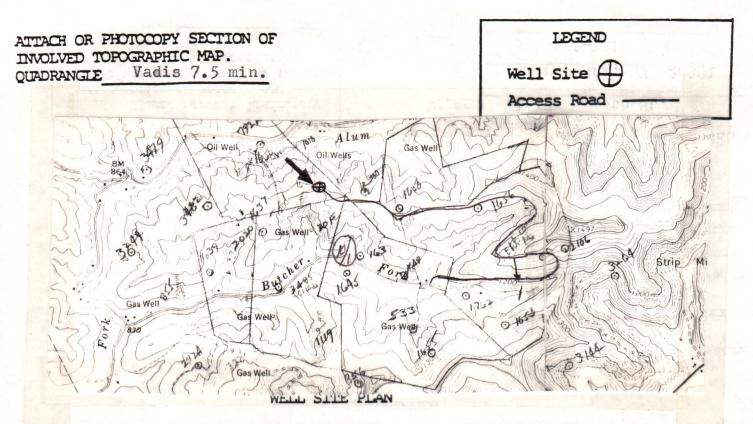
Page Ref. Manual

Page Ref. Manual

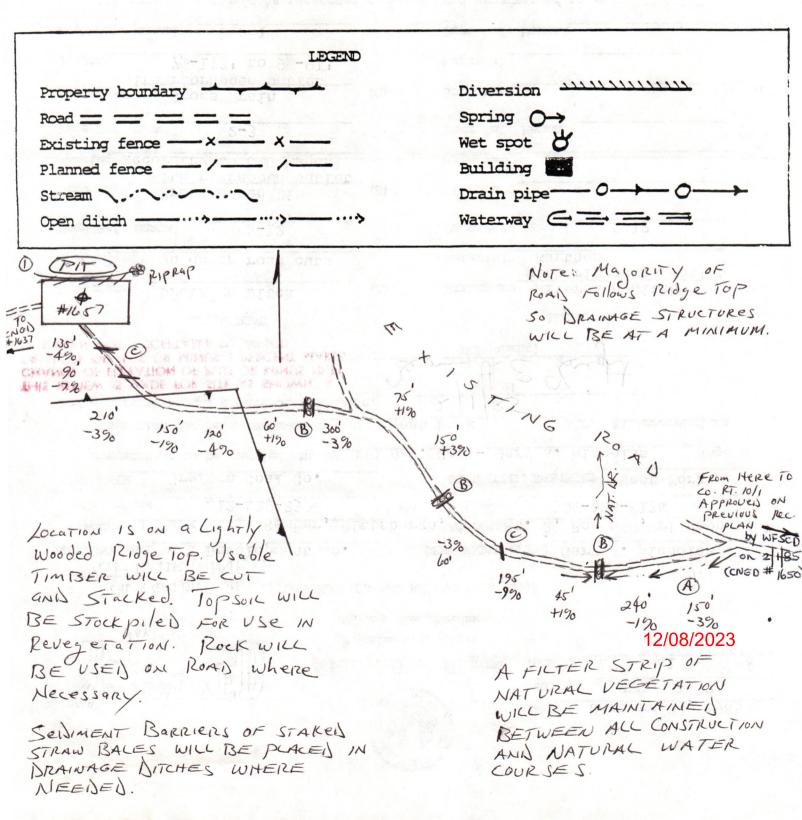
Page Ref. Manual

Spacing

Structure



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



STATE OF WEST VIRGINIA

				State	Count	· Dar
3)	API	Well	No.	47	4/-	3618
•		No.		1657		

· a 85

May 9,

1) Date: 2) Operator's

DEPARIMENT OF MINES, OFFICE OF OIL & GAS

	NOTICE OF APPLICATION	FOR A WELL	WORK PERMIT
DEPNATE OF	Maryon Coal Company P.O. Box 1050		CCAL OPERATORAddress
(ii) Name Address	Clarksburg, WV 26301	5(ii)	COAL OWNER(S) WITH DECLARATION ON RECORD Name Mid-Allegheny Corp. Address P.O. Box 2827
(iii) Name Address			Huntington, WV 25727 Name Address
		5(iii)	COAL LESSEE WITH DECLARATION ON RECORD: Name Address
	TO THE PERSON(S) NAMED ABOVE: You should (1) The Application for a Well Work P to be plugged, which sets out the and describes the well and its lo cementing program; (2) The plat (surveyor's map) showing (3) The Construction and Reclamation i plug a well), which sets out the p reclamation for the site and access THE REASON YOU RECEIVED THESE DOCUMENT	ermit on Form IV- parties involved cation and, if ap the well location Plan on Form IV-9 plan for erosion ss road.	2(B) (or Form IV-4 if the well is in the drilling or other work, plicable, the proposed casing and n on Form IV-6; and)unless the well work is only to and sediment control and for

AMPARITED 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

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

6) DOTRACTION 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 Is the right to extract, produce or market the oil or gas based upon a lease of 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

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	Property C
in my County and State by	1
Paul W. Garrett	1
this 9 day of May , 198	
My commission expires 12/19 , 1988	3.
Calif Mouraine	30
Notary Public, Allegheny County,	

Pennsylvania

State of

WELL	
OPERATOR	CNG Development Company
By Baul	W. Garrett
Its	Manager, Well Programs
Address	P.O. Box 15746
	Pittsburgh, PA 15244
Telephone	(412) 787-4090
- 122 F 10	12/08/2023



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 cwner(s) of record to be served with Notice and Application. However, see also Code § 22-4-lb(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 § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-la(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-lm, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-H (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
Jess	ie & Sarah Brown		\$200 Yr./Gas 1/8 Oil	39 129
4/1/02	to	Hope Natural Gas (Gas Rights)	1/8	
4/1/65	to	Consolidated Gas Supply	1/8	
3/1/84	to	Consolidated Trans. Corp	p. 1/8	
8/31/84	to	CNG Development Co.	1/8	



DATE:		, 19 85
OPERATO)R'S	
WELL NO	1657	,

State of Mest Airginia

API NO: 47 - - State County Permit

OFFICE OF OIL AND GAS DEPARTMENT OF MINES

AFFIDAVIT

State of	Pennsylvania		
County of	Allegheny		
1,	Paul W. Garrett		owner or operator,
say that the u in the well pe that (he, she, not less than to the owner o extracted, pro aside for the	representative thereof), indersigned is authorized armit application to which or it) shall tender to to one-eighth of the total and the working interest at educed, or marketed before owner of the oil or gas induced, or marketed from the duced, or marketed from the content of the oil or gas induced, or marketed from the content of the oil or gas induced, or marketed from the content of the cont	by the owner of the weathis affidavit is at the owner of the oil a mount paid to or receive the wellhead for the deducting the amount on place, or all such	vorking interest ttached do state and gas in place eived by or allowed e oil or gas so t to be paid or set oil or gas to be
Signed: Ra	ul W. Garret		
Taken, Subscri	bed, and sworn to before	me this 9th day of	May , 19 85.
Notary:	Q D. Mour	Oeres.	DECENTED
My Commission	Expires: December 19,	1988	MAY 17 1985

CARL G. MOUROVIC, NOTARY PUBLIC OIL & GAS DIVIS ON PITTSBURGH, ALLEGHENY COUNTY, PARTIES OF THE PROPERTY OF T

PS Form 3811, July 1983 447-845						
345	3. Article Addressed to: Anid alleghen Block of a flunting ton	1837	CNED,			
	4. Type of Service:	Article Number	0			
	Begistered Insured Contified COD	P153 537 304	1607			
	Always obtain signature of ad DATE DELIVERED.	dressee <u>or</u> agent and				
DOM	5. Signature - Addressee					
DOMESTIC	6. Signature - Agent X	sie ON WV				
RETURN	7. Date of Delivery	MAY	1			
RN RECEIPT						
7						

S Form 3811, July 1983	Put your address in the "RE" reverse side. Failure to do this being returned to you. The re you the name of the person addivery. For additional fees available. Consult postmaster for service(s) requested.	TURN TO" space on the is will prevent this card from aturn receipt fee will provide delivered to and the date of the following services are
	1. Show to whom, date a	and address of delivery.
447-845	2. Restricted Delivery.	
5	3. Article Addressed to: Grafton Coa De Bak, Clarkslung	l Ca. 1000 QhV 36301
	4. Type of Service: Registered Insured Certified COD Express Mail	Article Number P15 3 597 305
	Always obtain signature of ad DATE DELIVERED.	Idressee <u>or</u> agent and
DOME	5. Signature — Addressee X	
STIC	6. Signatura Agent X Una Y	eareco
DOMESTIC RETURN	7. Date of Delivery	Y 1 3 1985
RN RECE	8. Addressee's Address (ONL)	Y if requested and fee paid)

MAY 17 1985



IV-35 (Rev 8-81)

State of Mest Wirginia

Bepartment of Mines Bil und Gas Bivision

Date	Dec	eml	oer	2,	198	35	
Operati	or's						
Well N	0	CI	NGD	165	57		_
Farm	J.	Bro	own				_
API No	• 47	_	04]	L	_	3618	

WELL OPERATOR'S REPORT

OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

	Alum Fork			
District: Fr. Creek County Le	wis	Quadrangle	• Vadis	
			-	
COMPANY CNG Development Company				
ADDRESS Pittsburgh, PA 15244			- 6	Cement
	Casing	Used in		fill up
DESIGNATED AGENT Gary A. Nicholas ADDRESS Rt. 2 Box 698 Bridgeport. WV 26330	Tubing	Drilling	in Well	Cu. ft.
	Size 20-16			
ADDRESS P. 0. Box 1050 Clarksburg, WV 26301	Cond.			-
	13-10"			
MINERAL RIGHTS OWNER Jessie Brown	9 5/8			
ADDRESS	8 5/8	1005	1005	206 sks
OIL AND GAS INSPECTOR FOR THIS WORK Stephen Casey ADDRESS Rtne ² Lew, WV ² 26378	7			
	5 1/2			1
PERMIT ISSUED June 4, 1985	4 1/2	3850	3850	520 sks
DRILLING COMMENCED Nov. 11. 1985	3			
DRILLING COMPLETED Nov. 15, 1985	2 1-1/2	3656	3656	
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR	Liners			
REWORKING. VERBAL PERMISSION OBTAINED	used			1
ON				1
GEOLOGICAL TARGET FORMATION Balltown		Dep	th 3945	feet
DOLL WOWI	Data "	/ Cable	e Tools	
Depth of completed well 3947 feet	Rotary X	_/ Cabit	-	
Depth of completed well 3947 feet	Salt	feet		
Depth of completed well 3947 feet Water strata depth: Fresh 85 feet; Coal seam depths: 228 - 234 755 - 758	Salt_ Is coal	feet being mine	ed in the	
Depth of completed well 3947 feet Water strata depth: Fresh 85 feet; Coal seam depths: 228 - 234 755 - 758	Salt_ Is coal	feet being mine	ed in the	area? <u>No</u> 223 60
Depth of completed well 3947 feet Water strata depth: Fresh 85 feet; Coal seam depths: 228 - 234 755 - 758 DPEN FLOW DATA Balltown Speechley Hoper Speechley Warren Bayard	SaltIs coalPay	feet being mind zone dep	3697-37 3697-37 3736-37 th 2708-15	area? <u>No</u> 723 60 feet
Depth of completed well 3947 feet Water strata depth: Fresh 85 feet; Coal seam depths: 228 - 234 755 - 758 DPEN FLOW DATA Producing formation Bayard Gas: Initial open flow Mcf/d	SaltIs coalPay Oil: Ini	feet being mine zone dep	3697-37 3236-33 51-33 51-33 51-33 51-33 51-33 51-33	area?No 723 60 feet Bbl/d
Depth of completed well 3947 feet Water strata depth: Fresh 85 feet; Coal seam depths: 228 - 234 755 - 758 DPEN FLOW DATA Balltown Tipeech Yey Tipper Speechley Warren Bayard Gas: Initial open flow Mcf/d Final open flow 1.061 M Mcf/d	Salt	feet being mine zone dept tial open al open f	ed in the	area? No 223 60 60 Bbl/d Bbl/d
Depth of completed well 3947 feet Water strata depth: Fresh 85 feet; Coal seam depths: 228 - 234 Toal seam depths: 755 - 758 DPEN FLOW DATA Balltown ippechiev inpechiev warren Bayard Gas: Initial open flow Mcf/d Final open flow 1.061 M Mcf/d Time of open flow between initial	Salt	feet being mine zone dept tial open al open final tests	ed in the	e area? No 23 60 Ebl/d Bbl/d Bbl/d
Depth of completed well 3947 feet Water strata depth: Fresh 85 feet; Coal seam depths: 228 - 234 Toal seam depths: 755 - 758 DPEN FLOW DATA Balltown tipeechley Water Speechley Water Speechley Bayard Gas: Initial open flow Mcf/d Final open flow 1.061 M Mcf/d Time of open flow between initial static rock pressure 800 psig(surfate)	Salt	feet being mine zone dept tial open al open final tests	ed in the	e area? No 223 600 feet Bbl/d Bbl/d
Depth of completed well 3947 feet Water strata depth: Fresh 85 feet; Coal seam depths: 228 - 234 Coal seam depths: 755 - 758 DPEN FLOW DATA Balltown Speechley Hipper Speechley Warren Bayard Gas: Initial open flow Mcf/d Final open flow 1.061 M Mcf/d Time of open flow between ini Static rock pressure 800 psig(surface) (If applicable due to multiple completion)	Salt	feet being mine zone depo tial open al open fi nal tests ent) after	ad in the	e area? No 223 600 feet Bbl/c Bbl/c wrs
Depth of completed well 3947 feet Water strata depth: Fresh 85 feet; Coal seam depths: 228 - 234 Coal seam depths: 755 - 758 DPEN FLOW DATA Balltown Speechley Hipper Speechley Producing formation Warren Gas: Initial open flow Mcf/d Final open flow 1.061 M Mcf/d Time of open flow between initiation Static rock pressure 800 psig(surface) (If applicable due to multiple completion Second producing formation	Salt	feet being mine zone dep tial open al open fi nal tests ent) after zone dep	ed in the 3697-37 37351-37 th 2708-15 flow hour 12 hour th 12/	area? No 223 600 Ebl/d Bbl/d Bbl/d surs shut in
Depth of completed well 3947 feet Water strata depth: Fresh 85 feet; Coal seam depths: 228 - 234 Coal seam depths: 755 - 758 DPEN FLOW DATA Balltown Speechley Happer Speechley Warren Bayard Gas: Initial open flow Mcf/d Final open flow 1.061 M Mcf/d Time of open flow between ini Static rock pressure 800 psig(surface) (If applicable due to multiple completion)	Salt	feet being mine zone dep tial open al open fi nal tests ent) after zone dep tial open	ad in the 3697-37 sth 2708-15 flow house h	e area? No 223 660 Ebl/6 Bbl/6 Bbl/6 ars shut ir /08/2023et

(Continue on reverse side)

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

Perf. Balltown - 3697-3723, 10 holes; Speechley - 3536-44, 4 holes (total 14 holes) .39" Speechley 3251-3360, 13 holes, .39"; Warren 3061-97, 10 holes, .39"; Bayard 2708-15, 20 hole .39". Water Frac Balltown/Speechley - Break 2250, Break Rate 29 BPM, Ave Tr Pres 2700 psi, Max Tr Pres 3200 psi, Ave Rate 33 BPM, HHP 2185, 31,600# 20/40 Sand, Max Conc 3 (Screened one section off) Silica Flour 75#, SL Fluid 321 bbl, Total Fluid 450 bbl, ISIP 1050 psi (postjob), 5 min SIP 900 psi, ISIP 1100 psi (prejob); Break 2200 psi, Break Rate 25 BPM, 500 gal FE Acid, Ave Tr Pres 2400 psi, Max Tr pres. 2800 psi, Ave Rate 32 BPM, HHP 2200, 35,000# 20/40 Sand, Max Conc 3, Silica Flour 75#, SL Fluid 350 bbl, Total Fluid 530 bbl, ISIP 1050 psi (postjob), 5 min SIP 950 psi, ISIP 1100 psi (prejob); Warren - Break 4000 psi, Break Rate 20 BPM, 500 gal FE Acid, Ave Tr Pres 2500 psi, Max Tr Pres. 3300 psi, Ave Rate 25 BPM, HHP 1530, 30,000# 20/40 Sand, Max Conc. 3, Silica Flour 75#, SL Fluid 310 BBL, Total Fluid 480 bbl, ISIP 1050 psi, (postjob) 5 min SIP 1000 psi, ISIP 1000 psi (prejob) Bayard - Break 1900 psi, Break Rate 5 BPM, 500 gal FE Acid, Ave TR Pres 1600 psi, Max Tr Pres 1800 psi, Ave Rate 14.5 BPM HHP 570, WELL LOG 20,000# 20/40 Sand, Max Conc 2-1/2, Silica Flour 100#, SL Fluid 308 bbl, Total Fluid 488 bbl, ISIP 1400 psi (postjob) 5 min 1250

	mon Fredam	BOTTOM FEET	REMARKS Including indication of all fres
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	and salt water, coal, oil and ga
RR, Shale & Sand	0	228	1/2" stream water @ 85'
Coal	228	234	
Sand, Shale & RR	234	755	Coal 228 - 234
Coal	755	758	755 - 758
Sand, & Shale	758	1672	
Lime	1672	1686	
Shale	1686	1694	
Lime	1694	1900	
Sand & Shale	1900	2645	
5th Sand	2645	2670	
Shale	2670	2725	
Bayard	2725	2745	
Sand & Shale	2745	3947	
LOG WORD			
LOG TOPS			
		and the second second	
L. Lime	1686	1709	
B. Lime/B. Injun	1730	1895	
Weir	1920	2058	
Gantz	2150	2156	
50'	2232	2285	
30'	2350	2370	
Gordon Stray/Gordon	2395	2505	
5th	2613	2684	
Bayard	2706	2730	
Warren	3000	3114	
U. Speechley	3204	3262	
Speechley	3350	3382	
Balltown	3510	3732	
			E WHAT SANGE

(Attach separate sheets as necessary)

CNG DEVELOPMENT C	COMPANY	
Well Operator	1///	
- 4	VI VIX	12/08/2023
By: / Vary ~	metor a	
Date: 12-3-85		

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 weat, encountered in the drilling of a well."

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

FINAL INSPECTION REQUEST

INSPECTOR'S COMPLIANCE REPORT

MAY 2 3 1986

16-4-85

Permit No.	41-3618	County .	Lewis	and the second s	utha dan ali dan trata and a san
Company C	NG Derl.	Farm	Grafton	Coal	
Inspector		Well No.	165	7	Sales of the Control
Date					
				COMP	LIANCE
RULE	DESCRIPTION			Yes	No
23.06	Notification Prior to start	ing Work			
25.04	Prepared before Drilling to	prevent waste		400300000000000000000000000000000000000	***************************************
25.03	High-Pressure Drilling			*	
16.01	Required Permits at wellsit	e			-
15.03	Adequate Fresh Water Casing			energen management	
15.02	Adequate Coal Casing				
15.01	Adequate Production Casing			***************************************	
15.04	Adequate Cement Strength				***************************************
23.02	Maintained Access Roads				-
25.01	Necessary Equipment to preven	ent Waste		-	
23.03	Reclaimed Drilling Site			-	- AND
23.04	Reclaimed Drilling Pits			-	***************************************
23.05	No surface or underground Po	ollution		-	-unquestant participation in the last of t
7.03	Identification Markings				
COMMENTS:				•	
entreprise de la constantina della constantina d					
consideration de contraction de cont					
			004000000000000000000000000000000000000	DESCRIPTION OF THE PROPERTY OF	
				Antonins and the second se	

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED:	Starle Cased	
DATE:	5-21-86.	12/08/2023

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

1.0 API well number:				- (1.01.11)	
(If not assigned, leave blank, 14 digits.)		47 -	041 - 036	18 -	
2.0 Type of determination being sought:					MINISTER STATES
(Use the codes found on the front			103		
of this form.)	i	Sect	ion of NGPA	Category Gode	A BILL
3.0 Depth of the deepest completion	1			DEC -	A 400
location: (Only needed if sections 103	1		3 723	1	9 1985 711
or 107 in 2.0 above.)	I			- VISION OF	- Cu
4.0 Name, address and code number of	-			181VISION OF	OF & GAS
applicant: (35 letters per line		CNG Developmen		THE IN	OF ENERGY
meximum. If code number not	Name	NAME AND ADDRESS OF TAXABLE PARTY OF TAXABLE PARTY.	the name of the control of the last of the		
available, leave blank.)	reame	One Park Ridge			Seller Code
evaluate, regre bight.)	1	P. O. Box 15746			
	Street	Dittahuseh			
	1	Pittsburgh		PA 15244	
5.0 Location of this well: [Complete (a)	City		St	ate Zip Code	ŧ
or (b).)	!	01	D:		
(a) For onshore wells	Cartino California Cal	emans Creek	District		
	Field N				
(35 letters maximum for field	Lev		<u>W</u>	V	
name.)	County		St	ete	
(b) For OCS wells:	1				
	1				
	Area Na	eme		Block Numi	ber
	1				
	1	Dete	of Lease:		
	i				
	1	Mo.	Day Yr.	OCS Leese Number	
(c) Name and identification number	!				Annual Control of the
of this well: (35 letters and digits	J.	Brown		CNGD #1	657
meximum.)					
(d) if code 4 or 5 in 2.0 above, name	i				
of the reservoir: (35 letters	!				
meximum.)					
6.0 (a) Name and code number of the	1				
purchaser: (35 letters and digits	i				
meximum. If code number not	Ur	ndetermined			
available, leave blank.)	Nome				Buyer Code
(b) Date of the contract:					
	1		1 1 1 1		
	Ī		Mo. Day	Yr.	
(c) Estimeted total annual production	1		The state of the s		
from the well:			39	Million Cubi	- East
		-		WITHOUT COOK	- 961
	1			(c) All Other	
	! !	(a) Base Price	(b) Tax	Prices (Indicate	(d) Total of (a),
				(+) or (-).)	(b) and (c)
7.0 Contract price:	1			11.00 (-1.)	
(As of filing date. Complete to 3	S/MMBTU				
decimal places.)	!				
8.0 Maximum lawful rate:	+				
(As of filing date. Complete to 3	S/MMBTU	2 5 0 0			
decimal places.)	1	3 . 5 9 9			
9.0 Person responsible for this application:	1				
the approach of the	!	R. M. Metzler	1	W	Passarus
Agency Use Only	Name /	1/2/2/2	7		Reserves
Date Received for Jurus good 985	1	A. M. MON	1	Title	
9-1305	Signature	The state of			
Date Received by FERC				410 707	1000
		2/4/85		412-787-	4092
FERC-121 (8-82)	T DEGE AD	pfication is Completed	-	Phone Number	
121 (0-04)					

STATE OF WEST VIRGINIA 11475 - 67 DEPARTMENT OF MINES, OIL AND GAS DIVISION

DEC 30 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date December 4	,19_85 /0/10	AGE	NCY USE ONLY
Applicant's Name	:_ CNG Development Company	WELL DETER	MINATION FILE NUMBER
Address:	One Park Ridge Center P.O. Box 15746		
Marriage collection and an internal collection a	Pittsburgh, PA 15244	851209	1030-041-3618
Similar - The Association of the	Attn: Carl G. Mourovic		
Gas Purchaser Con	ntract No. N/A	Use Above Fill Communication	e Number on all s Relating to This Well
Date of Contract	N/A		
	(Month, day and year)		
First Durchason	2130	Designated Agent	Gary A. Nicholas
First Purchaser:	undetermined 7629	Address:	CNG Development Company
Address:			Crosswind Corporate Park Route 2 Box 698
(Stree	et 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 CONCER	NING THIS APPLICAT	ION SHALL
DE ADDRESSED.	Robert N. Metzler		
· · ·	(Print) JV M	Manager	of Reserves (Title)
Sign	ature: /////		(ITCIE)
Addr	ess:One Park Ridge Center - P.O.	Box 15746	
	(Street or P.O. Box)		
	Pittsburgh, PA 1524		,
Tele	(City) (State) phone: (412) 787-4092	(Zip Code)	
	(Area Code) (Phone	Number)	
(Certifi	cate of Proof of Service to Purc	haser)	
	NGPA Catagory A		
NGPA SECTION/SUBS		and a recommendation of the state of the sta	
102 New Natural G	<u>as</u> Mile Test	108 Stripper Wel	1 Natural Gas
102-3 1000	O Foot Deeper Test	108- St 108-1 Se	ripper Well asonally Affected
102-4 New	Onshore Reservoir	108-2 En	hanced Recovery
103 New Onshore Pr	roduction Well	108-3 Te	mporary Pressure Buildu
XX 103 New On:	shore Production Well		
107 High Cost Nati	ural Gas		
107-0 Deep	(more than 15,000 feet)	AGENC	Y USE ONLY
107-1 Geor	pressured Brine		
107-3 Devo	onian Shale		
107-5 Prod	duction enhancement		
107-6 New	Tight Formation		
107-7 Reco	ompletion Tight Formation		
DECETA	P	OLIAI	_ IF 12/08/2023
100		QUAL	
DEC - 9 1985			
DIVISION OF DIL &	GAS IERGY		
DEPARTMENT OF LIN			

[NOTARIAL SEAL]

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

	cember 4	4	, 19_8
Operator Well No.		5 7	
API Well	No.		
47	- 041	-	0361
State	County		Permit

WELL CLASSIFICATION FORM

NEW ONSHORE PRODUCTION WELL NGPA Section 103

DESIGNATED AGENT Gary A. Nicholas

CNG Development Company

	ADDRESS	Crosswind Corporate Park Route 2 Box 698 Bridgeport, WV 26330	
	_		
WELL OPERATOR CHO P			
WELL OPERATOR CNG Development Company One Park Ridge Center	LOCATION:	Elevation 1,195	
ADDRESS P.O. Box 15746			
Pittsburgh, PA 15244		Watershed Alum Fo	ork
		Freemans Creek	T
		District Coun	ty Lewis Quad.Vadi
GAS PURCHASER <u>undetermined</u>		Gas Purchase Contract	No N/A
4000555			117/1
ADDRESS		Meter Chart Code	N/A
		Date of Contract	N/A
* * * * * * * * * *	* * *		
			* * * * *
Date surface drilling was begun:November ll	1985		r
		•	
Indicate the bottom hole pressure of the well and expl	ain how this w	was calculated:	
BHP = 880#			
BHP = $P_{-1} + P_{-1}$ (e GL 53.34 T_{-1})			
AF	FIDAVIT		
and the control of th			
I, Robert N. Metzler , having been for the well for which this determination is sought was applicable state or federal well spacing requirements at the time surface drilling began, which was applicable which applied to any other well producing gas in comme after February 19, 1977, and which was capable of production and that I are concluded, to the best of my information, knowled is sought is a new onshore production well and that I are cation which is inconsistent with this conclusion.	and the well into the reservoir quantity	s not within a proration of from which gas is on the surfaction of	77; the well satisfies on unit in existence at or will be produced and the desired and the
	. /	1	
	11	nath	
	1	1. Meller	
	1. 12. 4. 3. 4.		
Pennsylvania			
STATE OF MESKXXXXXXXXXXX			
COUNTY OF Allegheny , TO WIT:			
,			
', Carl G. Mourovic , a Notary Publ that R. N. Metzler	ic in and for	the state and a	
that R. N. Metzler		the state and county	aforesaid, do certify
that R. N. Metzler , whose name is signe December . 19 85 has acknowledged to the signe	d to the wri	ting above, bearing da	ate the 4th day of
, 10 do, has acknowledged the same t	before me, in	my county aforesaid	12/08/2023
Given under my hand and official seal this 4th	n day of De	ecember, 19 85	
By term of office expires on the 19th day of	December	, 19 88 .	
		MacAllina Statement	
•	-		

