



State of West Virginia DEPARTMENT OF ENERGY Division of Oil and Gas

Mich di	Well Operator's	Report of V	Well Work		
Farm name: Charle	es Gough	Operator	Well No.:	CNGP 1389W	
LOCATION: Ele	vation: 1628.9' Qua	adrangle: Th	ornton 7.5'		
Lat	trict: Knottsville itude: gitude	39	ounty: Taylor Deg. 20'00" Deg. 57'30"		
1450 POY	DUCING CO., A DEL. CORP. DRAS ST. ANS, LA 70112	. & .	Used in		Cement Fill Up
Agent: RODNEY	J. BIGGS	Size	1	!	
Inspector:		5126			
Permit Issued: Well work Comme		No Addition	al casing ran in	we11.	
Well work Compl Verbal Plugging Permission gran Rotary Cab Total Depth (fe Fresh water dep	ted on: le Rig et) 5587'				
Salt water dept	hs (ft)	Contracts as		and Control of the Co	пава фенерала ро
Is coal being m Coal Depths (ft	ined in area (Y/N)?):				
OPEN FLOW DATA		'			,
Gas: Initi Final	formation Keener al open flow N/A MC open flow * 335 MC of open flow between	CF/d Oil: II CF/d F:	inal open fi	flow N/A Low N/A	Bbl/d
Static roc * Commi	k Pressure 385 ps	sig (surface	e pressure)	after 1	Hours
Gas: Initi Final Time	ducing formation al open flow MC open flow MC of open flow between	F/d Oil: In F/d F: initial and	nitial open inal open final open fi	flow low	Bbl/d Bbl/d Hours
Static roc	k Pressureps	sig (surrace	e pressure;	arter	Hours
INTERVALS, FRAC LOG WHICH IS A	F THIS FORM PUT THE TURING OR STIMULATIN SYSTEMATIC DETAILED ENCOUNTERED BY THE WE	NG, PHYSICA D GEOLOGICA	AL CHANGE, AL RECORD (ETC. 2). OF ALL FO	THE WELL

For: CNG PRODUCING CO.

By: Rodeny J. Biggs, District Manager - Production
Date: 05-17-94

A DELAWARE CORP.

PERFORATED KEENER, 20 shots, 1634 - 1644 WATER FRAC:

Total Fluid 460 bbls 25# gel Total Sand 5,000 80/100 35,000 20/40 Total Acid 750 gal. 15% Ave. Rate 21 BPM Ave. Press 1660# Max. Sand 4 ppg Frac Grade 1.2 Br. Form. 2400 ISIP - 1270

TURN WELL BACK IN LINE 04-26-94

-58681



Rev DECEIVED APR 5 - 1985

OIL & GAS DIVISION

DEPT. OF MINES

State of West Birginia

Bepartment of Mines Gil und Cas Division

Date	March 14,	1985	
Operato	r's		
Well No	- CNGD WN	138	9
	arles Gough		
	47 - 091	4940	0462

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

TOCOMPONE THE PROPERTY OF THE				llow_X/)
LOCATION: Elevation: 1628.9 Watershed		Ouadranal	7 Thornto	
District: Knottsville County Tayl	or	Quaurang re	= Inornic)11 7.3 19.
		A		
COMPANY CNG Development Company				
ADDRESS P.O.Box 15746, Pittsburgh, PA 15244	Casing	Used in	Left	Cement fill up
DESIGNATED AGENT Gary A. Nicholas	Tubing	Drilling	in Well	Cu. ft.
ADDRESS Rt. 2 Box 698, Bridgeport, WV 26330	Size			
SURFACE OWNER Charles N. & Betty J. Gough	20-16 Cond.		oogs <i>aan</i> need-versie	
ADDRESS Rt. 2 Box 140, Keyser, WV 26726	13-10"			
MINERAL RIGHTS OWNER Charles N. & Betty J.Gough				
ADDRESS Rt. 2 Box 140, Keyser, WV 26726	8 5/8	967	967	To Surf
OIL AND GAS INSPECTOR FOR THIS WORK	7	1 307	, , ,	10 0421
Donald Ellis ADDRESS Fairmont, WV 26554	5 1/2			
PERMIT ISSUED 2-5-85				
DRILLING COMMENCED 2-12-85	4 1/2	5718	5718	760 sks
DRILLING COMPLETED 2-20-85				
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2			
CONFINUOUS PROGRESSION FROM DRILLING OR	Liners			
REWORKING. VERBAL PERMISSION OBTAINED ON	used			and an analysis of the state of
CTATACATA MARATTA DADMAMIANI	***************************************	Pon	+ Ъ 560	0 foot
GEOLOGICAL TARGET FORMATION Haverty				
Depth of completed well 5861 feet I				
Water strata depth: Fresh 800 feet; 228 - 230 Coal seam depths: 715 - 720		·····		
Coal seam depths: 715 - 720 780 - 785	Is coar	bernd um	ed III the	e area? No
OPEN FLOW DATA Haverty			5534 - 5182 -	E つ フ フ
Producing formation Benson	Pay	zone dep	th 4479 -	4482 feet
Gas: Initial open flow Mcf/d	Oil: Ini	itial open	flow	Bbl/d
Final open flow 1163 Mcf/d	Fir	val open f	low	Bbl/d
Time of open flow between init	ial and fi	inal tests	ho	ours
Static rock pressure 400 psig(surface	e measure	ment) afte	r 1 hou	ırs shut in
(If applicable due to multiple completion)			
Second producing formation	Pay	y zone dep	oth	feet
Gas: Initial open flow Mcf/d				
Final open flow Mcf/d				
Time of open flow between init				
Static rock pressurepsig(surface				

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

Perfco ran Corrlog & CBL, Perforated Haverty 1st Stage 5534-5539; 12 holes (.39)
2-1/8" strip gun Halliburton Foam Frac (50Q) Haverty Sand - Break 3150, Avg. TPSI 3800,

Avg. Rate 16 BPM, ISI 2950. Used 500 gals MOD 202 + 35,000# 20/40 Sand + 338,000 SCFN2,

3# Max Sand Conc. Perfco Perf. 3rd Elk 5275-5277, 3 holes, 5235-5237, 2 holes,

5207-5211, 3 holes, 5182-5184, 2 holes (.39) HSC Select Fire. Halliburton Foam Frac (50Q)

3rd Elk Sand - Break 3800, Avg. TPSI 3800, Avg. Rate 16 BPM, ISI 2900, used 500 gals MOD
202 + 35,000# 20/40 Sand + 390,000 SCFN2. 2# max Sand Conc. Perfco Perf. Benson 4479-4482
10 holes, (.39) HSC Halliburton Foam Frac (75Q) Benson Sand - Break 3800, Avg. TPSI 3750,

Avg. Rate 16 BPM, ISI 2700, used 500 gals MOD 202 + 40,000# 20/40 Sand + 480,000 SCFN2, 3#

Max Sand Conc. Perfco Perf. Riley 4242-4250, 7 holes, 4163-4165, 2 holes (.39) HSC Select

Fire. Halliburton Foam Frac (75Q) Riley Sand - Break 1900, Avg. TPSI 3100, Avg. Rate
20 BPM, ISI 1700, used 500 gals MOD 202 + 40,000# 20/40 Sand + 370,000 SCFN2.

WELL LOG

			REMARKS
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	Including indication of all fresh and salt water, coal, oil and gas
Clay	0	5	Coal 228 - 230
Sand & Shale	5	228	780 - 785
Coal	228	230	
Sand & Shale	230	780	
Coal	780	785	
Sand & Shale	785	1275	
Lime & Shale	1275	1305	
Big Lime	1305	1355	
Red Rock	1355	1370	
Big Injun	1370	1450	
Sand & Shale	1450	5861	
LOG TOPS			
See Attached Sheet			
	The state of the s		
		To the control of the	
	PER CONTRACTOR OF THE CONTRACT	Consideration	
		ootingaaningia	
	Nonemissandra	. Decidionalizations	

(Attach separate sheets as necessary)

C	NG Develo	pment Com	pany	
We	ell Opera	tor	1 17	
	Y,	11/		
By:	Hon,	I Shur	Chi	
7240			and the second s	
Date:	March	14,1985		

Note: Regulation 2.02(i) provides as follows:

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

CNGD WELL NO. 1389

FARM NAME Charles Gough

API NO. 47-091-0462

•		
LOG TOPS		
B.LIME/B. INJ.	1510	1704
POCONO	1798	1838
GANTZ/GANTZ A	1982	2040
50 '	2098	2127
GORD. ST/GORD.	2242	2378
4TH/4TH A	2390	2496
5TH/L. 5TH	2506	2633
SPEECHLEY	3239	3280
BALLTOWN	3400	3540
BRADFORD	3714	3820
RILEY	4144	4343
BENSON	4474	4483 *
1ST ELK	4710	4760
2ND ELK	4860	5102
3RD ELK	5113	5292
4TH ELK	5362	5462
HAVERTY	5516	5610

TD. 5861

Brallier @ TD

091-0462-W

FORM WW-2B

Page of
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

Ce of Oil WELL WORK PERMIT ADDITIONATION MAR 0 8 94

Office of Oil & WELL WORK PERMIT APPLICATION

	Well Ope	erator:	CNG Prod	ucing Comp	46 any 10110		638			
8785	Operator	r's Well	Number:	CNGP 1389		3) El	evation: 1628.			
18	Well ty	oe: (a)	0il_/	or Ga:	s <u>X</u> /					
		(b)	If Gas:		n_X/ Underg	round Storage Shallo				
	Proposed	l Target	Formation	(s): <u>Keen</u>	er Sand 35					
6)	Proposed	i Total D	epth: 1	632	feet out	mal TD. 5861	, original Frenates			
7)					ths: <u>Behi</u>		3 wilk			
8)	Approximate salt water depths: Behind Casing									
9)	Approximate coal seam depths: Behind Casing									
10)	Does lar	nd contain	n coal se	ams tribut	tary to act:	ive mine? Ye	≅s/ No/			
11)						ener Interva Commingle Pr				
12)	161101	lace and			ING PROGRAM	COMMINGIC	Oddecton			
TYPE		S1	PECIFICAT		FOOTAGE IN	NTERVALS	CEMENT			
		Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)			
Condu	ictor					·				
Fresh	water .	11 3/4	H-40	42	40	GNS	two Durels			
Coal			*			Mu	an William			
Inter	mediate	8 5/8"	X-42	23	969	969	To Surf.			
Produ	ction	4 1/2 **	J-55	10.5	5718	5718	760 sks.			
Tubir	ıg									
Liner	:5	de l'annual de								
PACKE	<u> RS</u> : Kin		-							
,		es ths set _								
20)	7	F	or Diviso	n of Oil a	ind Gas Use	Only				
	Fee(s) p	pajid:	Well W	ork Permit	Recl	amation Fund	WPCP			
\$1	Plat 🔎	Z WW-9	WW-	2B / B	Bond Slan	set sue	Agent			
<i>f</i> .	<i>b</i> *		<i>a-</i>	-	•	Type)	•			

(10-91) (10				Date: F	ebruary 23	3. 1994		
STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT 4) Surface Owner(s) to be served: (a) Name Mr. Mrs. Charles N. Cough Name Address 1: 2 Row. 140 (b) Name Address 2: 2 Row. 140 (c) Name Address 2: 2 Row. 140 (d) Name Address 3: 2 Row. 140 (e) Name Address 3: 2 Row. 140 (f) Name Address 3: 2 Row. 140 (g) Coal Owner(s) with Declaration Name Ratern Associated Coal Corp. Address 8: 2 Row. 140 (g) Coal Lessee with Declaration Address 8: 2 Row. 37-A Name Address 8: 2 Row. 37-A Address 7: 2 Row. 37-A Name Address 7: 2 Row. 37-A Address 7: 2 Row. 37-A Name Address 8: 2 Row. 37-A Name Address 8: 2 Row. 37-A Name Address 7: 2 Row. 37-A Name Address 8: 2 Row. 38-A Name Address 8: 2 Row. 38-A Nam				Operator '	's well nu	mber		
STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT 4) Surface Corner(s) to be served: (a) Name Mr. KMYs. Charles N. Gough Name Address R. Z. Row IAO (b) Name Address R. Z. Row IAO (c) Name Address (c) Coal Lessee with Declaration Name Address To THE PERSON(S) NAMED ABOVE TAKE NOTICE TRAT: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2) I corrify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages I through Certified Mail (Postmarked postal receipt attached) Publication (Notice of Publication attached) Publication (Notice of Publication attached) Publication (Notice of Publication attached) I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application, I certify under penalty of law that I have personally examined and an familiar with the information submitted on this application form and all responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Well Operator CNG Producing Copenny Publication Name CNG Producing Copenny Publication Name Address Recovery Recovery Recovery Recovery Recovery Recovery Recovery Rec	, = ,		3)	APT Well	NO: 47 =	389	0462 = 10	1
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT 4) Surface Owner(s) to be served: (a) Name Mr. Mrs. Charles N. Gough Name Address Rt. 2. Row 140 Rayser W. 26726 (b) Name Address (c) Name Address (d) Coal Owner(s) with Declaration Name Eastern Associated Coal Corp. Address (d) Coal Lessee with Declaration Name Address (e) Coal Lessee with Declaration Name Address To THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2) I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through Certified Mail (Postmarked postal receipt attached) Publication (Notice of Publication attached) I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Well Operator CMC Producing Cappany Filephone (304) 623-8840 Relegand Address R. 2. Ray 698 Relegand Address R. 2. Ray 698 Relegand Address Relegand Relegand Relegand Relegand Relegand Relegand Relegand Relegand Rele	,	Office of On 2 1	• ,		State -	County -	Permit	
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT (a) Surface Owner(s) to be served: (a) Name Mr. intra Charles M. Gough Name Address R. 2. Rox 140 (b) Name Address (c) Name Address (c) Name Address (c) Name Address (c) Name Address Address (c) Name Address Address (c) Name Address (c) Name Address Address (c) Coal Lessee with Declaration Name Address Telephone (304) - 636-8798 TO THE PERSON(s) NAMED ABOVE TAKE NOTICE THAT: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2) I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties, by: Personal Service (Affidavit attached) Certified Mail (Postmarked postal receipt attached) Publication (Notice of Publication attached) I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and an familiar with the information submitted on this application form and all attachments, and that hased on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Well Operator ORG Producing Copeany By: Its: Basignated Agent Address R. 2 Rox 698 Reflegent W. 26330 Relevant P. 2630 R	*		TE OF WEST	VIRGINIA				
STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT 4) Surface Owner(s) to be served: (a) Name Mr. 1817s Charles N. Gongh Name Address Pt. 2, Rox 140 Kayser, WV 26726 (b) Name Address Mo Laidley Tower Address No Laidley Tower To THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2) I certify that as required under Chapter 22B of the West Virginia Cr I have served copies of this notice and application, a location plat, and accompanying documents pages I through Certified Mail (Postmarked postal receipt attached) Publication (Notice of Publication attached) Publication (Notice of Publication attached) Publication (Notice of Publication attached) I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personalty exami	3							
2) Operator's well number (10-91) 3) AFI Well No: 47 - 091 - 04 STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT 4) Surface Owner(s) to be served: (a) Name Mr. SMrs. Charles N. Gough Name Address Rt. 2, Rox 10. (b) Name Address Name Charles N. Gough Name Rastern Associated Coal Name Charles Name Name Name Name Name Name Name Name								
(a) Name Mr. Mrs. Charles N. Gough Name Address Rt. 2 Rox 140 Name Name Name Name Name Address Name Address Name N	4) Surface (Owner(s) to be se	rved:	5) (a) Co	oal Operate	or:		
Address Rt. 2, Rox 140 Address (b) Name (c) Nam	(a) Name	Mr &Mre Charles	N Cough	Name				
(b) Name Address To The Person(s) Name Address To The Person(s) Name Address To The Person(s) Name Address To The Person Address To The Person(s) Name Address To The Person Address To The Person Address To Collaboration That Dasce of the Madress To The Person Address To The Person Address	Address _	Rt. 2, Box 140		Address _				
Address AGO Latdley Tower P.O. Rox 1233, Charleston, WV 253 Address Rt. 2, Box 37-A Rt. 2, Box 37-A Address Rt. 2, Box 37-A Address Rt. 2, Box 37-A Rt. 2, Box 37-A Address Rt. 2, Box 37-A Rt. 2, Box 37-A Address Rt. 2, Box 37-A Rt. 2, Box 37-A Address Rt. 2, Box 37-A Address Rt. 2, Box 37-A Rt. 2, Box 37-A Address Rt. 2, Box 37-A Rt. 2, Box 37-A Address Rt. 2, Box	Kancar	UV 26726		(3)				
(c) Name Address Address Roll Laidley Tower P. O. Rox 1233, Charleston, WV 253 Name Address Rt. 2. Box 37-A Rt. 2. Box	emsk (d)							
Address P.O. Rox 1233, Charleston, WV 253 Mame Address	Address _			Name <u>Fas</u>	tern Assoc	iated Co	al Corp.	
Address Address Address Address Rt. 2, Rox 37-A Montrose, WV 26283 Telephone (304)- 636-8798 TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2) I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties, by: Personal Service (Affidavit attached) Certified Mail (Postmarked postal receipt attached) Publication (Notice of Publication attached) I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and amfamiliar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Well Operator Well Operator CNG Producing Company By: Its:	(c) Name			Address _	800 Laidle	y Tower		
6) Inspector Phillip Tracy Address Rt. 2. Rox 37-A Name Address My 26283 Telephone (304)-636-8798 TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2) I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties, by: Personal Service (Affidavit attached) Certified Mail (Postmarked postal receipt attached) Publication (Notice of Publication attached) I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Well Operator CNG Producing COMPANY Well Operator Address Rt. 2 Rox 698 Telephone (304) 623-8840	Address			Name	1233, Cha	rleston,	WV 2532	4
Montrose, WV 26283 Telephone (304) - 636-8798 TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2) I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties, by: Personal Service (Affidavit attached) Certified Mail (Postmarked postal receipt attached) Publication (Notice of Publication attached) I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Well Operator By: Its: Designated Agent Address Rt. 2 Rox 698 Rridgeport, WV 26330 Telephone (304) 623-8840 Subscribed and sworn before me this 23 day of February 19 94 Monch D. Cattorn My commission expires September 26, 2003	****			Address				
Montrose, WV 26283 Telephone (304) - 636-8798 TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2) I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties, by: Personal Service (Affidavit attached) Certified Mail (Postmarked postal receipt attached) Publication (Notice of Publication attached) I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Well Operator By: Its: Designated Agent Address Rt. 2 Rox 698 Rridgeport, WV 26330 Telephone (304) 623-8840 Subscribed and sworn before me this 23 day of February 19 94 Monch D. Cattorn My commission expires September 26, 2003	6) Inspector	Phillip Track	,	(c) Coal	Lessee wit	th Declar	ration	
Montrose, WV 26283 Telephone (304) - 636-8798 TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2) I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties, by: Personal Service (Affidavit attached) Certified Mail (Postmarked postal receipt attached) I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Well Operator Well Operator CNG Producing Company By: Its: Designated Agent Address Rt. 2 Rox 698 Rridgenort, WV 26330 Telephone (304) 623-8840 Subscribed and sworn before me this 23 day of February , 19 94 Mancy D. Cattorn My commission expires September 26, 2003	Address _	<u>Rt. 2. Box 37-A</u>						
To the person(s) Named above take notice that: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2) I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages I through on the above named parties, by: Personal Service (Affidavit attached) Certified Mail (Postmarked postal receipt attached) Publication (Notice of Publication attached) I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Well Operator CNG Producing Company By: Its: Designated Agent Address Rt. 2 Box 698 Rridgeport, WV 26330 Telephone (30A) 623-8840 Subscribed and sworn before me this 23 day of Rehruary , 19 quarter and complete. My commission expires September 26, 2003	Montro	se. WV 26283		Address				
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Its: Designated Agent Address Rt. 2 Rox 698 Bridgeport, WV 26330 Telephone (304) 623-8840 Subscribed and sworn before me this 23 day of February , 19 94 My commission expires September 26, 2003 NOTARY PUBLIC STATE OF WEST VIRGINIA NANCY D. CALLON RT. 2 BOX 651D NOTARY PUBLIC STATE OF WEST VIRGINIA NANCY D. CALLON RT. 2 BOX 651D	I certify familiar with attachments, a responsible fois true, accur I am awar	and conditions of under penalty of the information sand that based on ottaining the interest and complete that there are including the poss	any permit law that submitted my inquirunformations. significations is billity of the control of	t issued I have p on this a y of thos n, I beli nt penalt f fine an	under this ersonally pplication e individueve that the ies for sud imprison	s application examined in form an anals immediate information in the information of the i	tion. l and am ld all ediately mation	
Address Rt. 2 Box 698 Bridgeport, WV 26330 Telephone (304) 623-8840 Subscribed and sworn before me this 23 day of February , 19 94 My commission expires September 26, 2003 NOTARY PUBLIC STATE OF WEST VIRGINIA NANCY D. COLTON RT. 2 BOX 651D RT. 2 BOX 698		By:			14/1 2	éen_		
Subscribed and sworn before me this			Designate	ed Agent		1 / "		
Subscribed and sworn before me this 23 day of February , 19 94 Manage D. Culton My commission expires September 26, 2003 Reflection Notary Public State of West Virginia NANCY DC LITON		Addres			06000			
Subscribed and sworn before me this 23 day of February , 19 94 Morcus D. Calton My commission expires September 26, 2003 Notary Public State of West Virginia NANCY D. CELTON RT. 2 BCX 6510 RT. 2 BCX 6510		Teleph						
My commission expires September 26, 2003 Notaty Public Notaty Public State of West Virginia NANCY D. COLTON N	Subscribed and	sworn before me	this 22	day of		· ▼	, 19 04	
My commission expires September 26, 2003 NOTAFY PUBLIC STATE OF WEST VIRGINIA NANCY D. COLTON RT. 2 BOX 851D RT. 2 BOX 851D				-		~~~~		
	My commission		ber 26, 20	003		STATE OF WEST NANCY D. CO	JELIC VIRGINIA PLTON	





1)	Date:	December	20,	19_84
2)	Operator's	1389		

File

0462 3) API Well No. State County Permit

OIL & GAS DIV. DEPT. OF MINES

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

4) WELL T										
5)	B (I	f "Gas", I	Production	X	<u> </u>	/ Underground	storage	/ Deep	_/ Shallow <u>X</u>	_/)
5) LOCATI							Scab Run			
	Dis	trict:	Knott	SV1	Te	County:	Taylor	Quadrangle:	Thornton 7.5'	<u>1958</u>
6) WELLO	PERATOR_	CNGL	evelop	ment	Comp	any	7) DESIGNATE	DAGENT Mr.	Gary Nicholas	
Addre	ess C/OP	aul w.	Garre	II,	P.O.	BOX 15/46	Address	_Crosswind Co	orporate Park	
					5244	10110	Rt. 2,	B <u>ox 698, Brid</u> g	geport, WV 26	330
8) OIL&G						•	9) DRILLING C			
	Mr.							Sam Jack Dri		r
Addre	ess <u>260</u>						Address	P.O. Box 48		
		-	WV 2					Buckhannon,		
0) PROPOS	SED WELL V	WORK:	Drill_x		_/ Drill	deeper	/ Redrill	/ Stimulate	<u>x</u> _/	
			Plug of	old f	ormation	/ Perfo	rate new formation	n/		
			Other pl	nysical	change is	n well (specify)				
1) GEOLOG	GICAL TAR	GET FOR	MATION,		Haver	ty			No.	
12) Estir	nated depth o	of complete	ed well, _		5690	fee	t			
							lt,			
14) App	roximate coal	l seam dep	ths: <u>130</u>	, 20)5, 28	0, 565, _{Is c}	oal being mined in th	ne area? Yes	/ NoX	
5) CASING	AND TUBI	NG PRO	GRAM		870					
CASING OR	I	SPEC	IFICATIONS		1	FOOTAGE	INTERVALS] CEMENT FILL-UP	PACKERS	
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)		
Conductor	kkxkxk	·	f	x				(Cable Icel)	Kinds	
resh water	1	H-40	1	x		40	40	To Surface	By Rule 15.0	5
Coal								To bullace	Sizes	
ntermediate	8-5/8	X-42	23	×		950	950	To Surface	By Rule 15.0	5
roduction	11	J-55	8	<u>^</u>		5690	5690	200-400 sks		
ubing		CN-55		x		3070	3070	200 400 383	By Rule 15.0	1
iners	1	Oiv J	1 20,75						Perforations:	т
									 	
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						OFFICE USE	ONLV			
· · · · · · · · · · · · · · · · · · ·						DRILLING PI				
•						encelliace e	CRATAR H			
ermit numbei		47-09	1-0462					Febr	ruary 5, 19	85
								Date	е	
his permit co	vering the w	ell operato	or and well	location	on shown	below is evidence	of permission gran	ted to drill in accordan	ce with the pertinent le	gal re-
uirements sub	oject to the co	onditions (contained l	nerein a	and on th	e reverse hereof. N	otification must be	given to the District Oil	and Gas Inspector, (Re	fer to
o. 8) Prior to istrict oil and	ine construc	tion of ro	ads, location herone	ons and	l pits for rmitted v	any permitted wor vork has commend	\mathbf{k} . In addition, the \mathbf{k}	well operator or his cont	tractor shall notify the p	proper
. '				-			· •		•	
he permitted everse hereof.	work is as de	escribed in	the Notice	e and A	Application	on, plat, and reclan	nation plan, subject	to any modifications ar	nd conditions specified	on the
ermit expires	_	าแอะพ	5, 198	7		unless we	Il work is some	d:		
ermit expires		uary.	<i>y</i> , <u>+</u> <i>y y</i>			unless we	ii work is commence	d prior to that date and j	prosecuted with due dilig	gence.
	1									
Bond:	Agen	t: 1	Plat:	Casir		Fee			4	
128	1 m	2 1	nu	m	110	06-1	1/)	,	γ	
	1	- 1//	1/1/	111	V 1 (1921 ,	// las	and -	11/20	
						1	, july	juil -	Husse	***
							Adn	inistrator, Office of O	il and Gas	

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

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