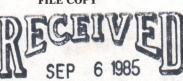
1)	Date: Sept	ember 3		, 19_85
2)	Operator's Well No.	Becker	#1	
3)	API Well No.	47	039	
		State	County	Permit

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

4)	WELL TY	PE: A	Oil	/ Ga	as					
		В (If "Gas",	Production	n		_/ Undergroun	nd storage	/ Deep	/ Shallow/)
5)	LOCATIO	N: Ele	evation: _	89	0.46		Watershed:	Big spring		
		Di	strict:	Jeffe	rson		County:	Kanawha	Quadrangle: _	7 1/2 Alum Ceeek
6)	WELL OP	ERATOR.	Blu	e Cree	k Ga	s		7) DESIGNATED A	The state of the s	even M. Rubin
	Address		Box	6357			6100	Address _	Box	6357
			Charle	ston,	WV 2	5302			Charlest	ton, WV 25302
8)	OIL & GA	S INSPEC	CTOR TO	BE NOTI	FIED			9) DRILLING CON	TRACTOR:	
	Name	Hivel	y					Name	N/A	
	Address	<u> </u>						Address _		No.
10)	PROPOSE	D WELL	WORK:	Drill	X	_/ Drill	deeper	/ Redrill	/ Stimulate	
								forate new formation	9.9	
				Other p	hysical	change in	well (specify)			
11)	GEOLOGI	CAL TAR	GET FOR	MATION	,	Deve	onian Shal	le - Harrell		
	12) Estima	ted depth	of complet	ted well,		4200	fe			
	13) Approx						feet; sa	alt,	feet.	
							Is	coal being mined in the ar	ea? Yes	/ No
	CASING A									
	SING OR		SPEC	CIFICATIONS	,	- 11	FOOTAG	E INTERVALS []	CEMENT FILL-UP	PACKERS
TUI	BING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
Cond	uctor					- Cocu	1 or unning	Left in wen	(Cubic leet)	Kinds
	water	¥9 5	10		X		350	350	To Surface	Killus
Coal		37 3	10				330	330	to burrace	Sizes
	nediate	711		23#	X		1800	1800	75 SKS	Sizes
Produ	THE RESIDENCE OF THE PARTY OF T	4 1/	2	10.5	434		4200	4200	110 SKS	Deaths as
Tubin		7 1/		1000			7200	7200	222 0100	Depths set
Liners										Performing
Ziller	-								Stratilities of the state of th	Perforations:
										Top Bottom
								1 1		
				INS	TRUC	TIONS TO	COAL OPERA	ATOR, OWNER, OR LE	SSEE	
		The r	named coa	l operator.	coal	wner(s), an	d coal lessee are	e hereby notified that any	objection they wi	sh to make or
		are require	ed to make	e by Code	§22-4-3	must be fil	ed with the Dep	artment of Mines within	fifteen (15) days af	ter the receipt
		of this Ap	pplication	by the Dep	artmei	nt.				
			Th - 6-11-			, ,				
			who has r	recorded a	declara	tion under	Code 822-4-20	operator and by any coa if the permit is to be issu	l owner or coal les	see
				ne filing of			Code 922-4-20,	if the permit is to be issu	ied within Titteen (13)
							WAIVE	R		
Th	e undersigne	ed coal ope	rator			/ owner		/ lessee	/ of the c	coal under this well location has
exam	ined this pro	posed wel	Il location.	If a mine	map ex	ists which o	covers the area of	of the well location, the w	ell location has be	en added to the mine man. The
unde	rsigned has r	no objection	on to the w	vork propo	sed to	be done at	this location, pr	ovided, the well operator	has complied with	all applicable requirements of
ne V	Vest Virginia	Code and	the gove	rning regu	lations					
		1		1	1			1/	1	1
		11/3		ht.	IN	1. 10	02	1	Tour la	
Date:				1	1			By	min	
			1	, 13				ш менения	September 1	
								Its		
								113	AND DESCRIPTION OF THE PARTY OF	

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

FILE COPY



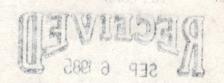


1)	Date: Sept	ember 3		, 19	85
2)	Operator's Well No.	Becker	#1		
3)	API Well No.	47	039	-4229	
,		State	Count	у	Permit

STATE OF WEST VIRGINIA

DIVISION OF OIL & GASDEPARTMENT OF COLL AND GAS DIVISION DEPARTMENT OF ENERGY APPLICATION FOR A WELL WORK PERMIT

4) WELL TY							storage	/ Deep	/ Shallow/)
e rocatio								ng Fork	
5) LOCATIO					4-	_ watersned: _	on or be	Ouedrander	7 1/2 Alum Creek
			Jeffer				allawiia	Quadrangle: _	ven M. Rubin
6) WELL OP						6100			6357
Address			6357				Address		on, WV 25302
			ston, I		302		9) DRILLING C		on, wv 25302
8) OIL & GA									
		7					Address	N/A	
Address			ing is			The last the second	Address		
		WORK	D. 111	Y	/ D=:11	4	/ Dadwill	/ Stimulate	1
10) PROPOSE	D WELL	WORK:					rate new formation		
							rate new formation		
II) GEOLOGI	CAL TAR	CETEOR	Other p	nysicai	Devo:	well (specify)	- Harrell		
11) GEOLOGI	CAL TAR	of comple	ted well	,	4200	feet	Harrorr		
								feet.	
13) Appro								e area? Yes	/ No X /
14) Appro				4 1		15 0	our being mined in th	cuicu. 105	110
	II		CIFICATION			FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKERS
CASING OR TUBING TYPE		1	Weight	1	1		-1	OR SACKS	IACRERS
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	Tr. 1
Conductor									Kinds
Fresh water	9 5/	18		X		350	350	To Surface	
Coal			00"			1000	1000	75 070	Sizes
Intermediate	7''		23#	X		1800	1800	75 SKS	
Production	4 1/2		10.5			4200	4200	110 SKS	Depths set
Tubing								#	
Liners								-	Perforations:
		-	EF 731		The street of	6 75 12 02	70 300	1	Top Bottom
							at the second		
				11.2		EDICE LICE	ONLY		
		-				FFICE USE			
					D	RILLING PI	ERMII		
Permit number_	47-	039-42	29					Se	eptember 11 1985
									nte de la major de
This permit cove	ering the w	ell operat	or and wel	ll locati	on shown b	elow is evidence	of permission gran	ed to drill in accorda	nce with the pertinent legal re-
quirements subje	ect to the c	onditions	contained	herein	and on the	reverse hereof.No	otification must be g	iven to the District Oi	l and Gas Inspector, (Refer to ntractor shall notify the proper
No. 8) Prior to the	e construc	tion of ro	ads, locations before a	ons and	pits for any	y permitted work	ed)	veil operator or his co	ntractor snall notify the proper
The permitted w reverse hereof.	ork is as d	escribed i	n the Notic	e and	Application,	plat, and reclan	nation plan, subject	to any modifications	and conditions specified on the
	Sep	tember	11, 1	987		unless we	ll work is commence	d prior to that date and	d prosecuted with due diligence.
Permit expires _	200		, -			uniess we	ii work is commence	a prior to that date and	a prosecuted with due dingeliee.
Bond:	Ager	nt:	Plat:	Casi	ng I	Fee	1/	1	
	14/3	1/	KA	110	1. 10	02		XI	1
	, , ,	1/1	100.	you	, 1		10) Taur	
		V		/				inistrator, Office of	Oil and Gas
NOTE: Keep o	one copy o	f this perr	nit posted	at the	drilling loca	tion.	A	, Office of	On and Oas



OFFI	CE	USE	ONI	Y

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

OFFI	CF	IISF	ONI	Y	

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

Date		Date(s)
Application received	Follow-up in	aspection(s)
Well work started	,,	February 6 47 - 039 - 4279
Well Record received		et a proposition de la company
Reclamation completed		The permitted sworts of the control
OTHER INSPECTIONS		
Reason:	= zqoI	Thes Date Cold
Reason:	40.00	1/3 / 1/3 /

FORM WW-2A Obverse

1) Date: September 3, 1985
Operator's

2) Well No. Becker 1

3) API Well No. 47 -039 -4229 State County Permit

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL

(111) Name Address Address 5 (111) COAL LESSEE WITH DECLARATION ON RECORD: Name Address 5 (111) COAL LESSEE WITH DECLARATION ON RECORD: Name Address 5 (111) COAL LESSEE WITH DECLARATION ON RECORD: Name Address 5 (111) COAL LESSEE WITH DECLARATION ON RECORD: Name Address 10) The Application for a Will Bork Farmet on Para W-(20) which were out the parties and, if applicable, ling or other work, and describe the wall and its beattern ind, if applicable, ling or other work, and describe the wall and its beattern ind, if applicable, ling or other work, and describe the wall and its beattern ind, if applicable, ling or other work, and describe the wall and its beattern ind, if applicable, ling or other work, and describe the wall and its beattern ind, if applicable, ling or other work, and describe the wall and its beattern ind, if applicable, ling or other work, and describe the wall at the location of the late of the parties of the part	(1) Name FARL BECKER Address St Albans	Address N/A
(111) Name Address 5 (111) COAL LESSEE WITH DECLARATION ON RECORD: Name Address TO THE PERSON(S) RAMED AROVE. You should have received this Form and the following documents: (1) The Application from Well Work Parmit on Porm Well(s) which sees out the parties sevolved in the serious and discrebes the well and fire fire and discrebes the well and fire fire and discrebes the well and fire fire and address. (1) The plant (severyor's map) should take and describes the well and fire fire and the parties and control of the second of the parties of the parties of the parties and control of the second of the parties of		5 (11) COAL OWNER(S) WITH DECLARATION
(iii) Name Address 5 (iii) COAL LESSEE WITH DECLARATION ON RECORD: Name Address 70 THE FRESOR(5) EMED AROVE. You should have received this Form and the following Sociements: (i) The Application for a Well love bearing on Form We-2(3) which aris out the parties involved in the drilling or entered this Form and the following Sociements: (ii) The Application for a Well love bearing and the following sociements: (iii) The Application for a Well were bearing and the specific of the parties and access row will be continued as adding control of the place and access row of the control of the proposed of the parties of the place of the parties of the place of the pla		마음 마음 보다 보다 보다 마음 경에 가면 <mark>하고 있다. 하는 다른 사이트를 하는 사이트를 하는 사이트를 하는 것이다. 그는 사이트를 하는 것이다. 그는 사이트를 하는 것이다. 그는 사이트를 하는 것이다. 그</mark>
Address 5 (111) COAL LESSEE WITH DECLARATION ON RECORD: Name Address TO THE PRESON(S) RAMED ABOYE: You should have received this Form and the following documents: (1) The Application for a Well North Parent on Form Well(S) which set out the parties involved in the original of the set of the parties and if applicable, they or other work, and describes the well and its location and if applicable, they or other work, and describes the well and its location and its palt (surveyor's appl chousing and cementian program; (2) The palt (surveyor's appl chousing and cementian program; (3) The palt (surveyor's appl chousing and cementian program; (4) The palt (surveyor's appl chousing and cementian program; (5) The palt (surveyor's appl chousing and cementian program; (6) The palt (surveyor's appl chousing and cementian program; (7) The palt (surveyor's appl chousing and cementian program; (8) The palt (surveyor's appl chousing and cementian and addissed and the palt (surveyor's application) to palt and the control and access road. The notice that under a palt (surveyor's application) to palt (surveyor's application) palt (surveyor's application) to be application (surveyor's application) palt (surveyor's application) to be application application (surveyor's application) palt (surveyor's application) application application (surveyor's application) application (surveyor's application) application (surveyor's application) application (surveyor's application)	Address	Address
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Name Address TO THE PERSON(S) NAMED ABOVE. You should have received this Form and the following documents: (1) The Application for a well work beaver on Form WH-263 which sets out the parties involved in the defiling or other work. As the proposed cause of the proposed cause the work and the following documents: (2) The Construction of a well work beaver on Form WH-263 which sets out the parties are constructed and provides the well and that leasting the proposed cause of the		
TO THE PERSON(E) BAMED ABOVE. You should have received this Form and the following documents: (1) The Application for a well work Fermit on Form WW-2(8) which sets out the parties involved in the drillings or other work and describes the well and its location (1) the following involved in the drillings or other casing and describes the well and its location (2) the following in the control of		Address
TO THE PERSON(E) BAMED ABOVE. You should have received this Form and the following documents: (1) The Application for a well work Fermit on Form WW-2(8) which sets out the parties involved in the drillings or other work and describes the well and its location (1) the following involved in the drillings or other casing and describes the well and its location (2) the following in the control of		5 (iii) COAL TECOPE
TO THE PERSON(E) BAMED ABOVE. You should have received this Form and the following documents: (1) The Application for a well work Fermit on Form WW-2(8) which sets out the parties involved in the drillings or other work and describes the well and its location (1) the following involved in the drillings or other casing and describes the well and its location (2) the following in the control of		Name
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Take notice that under Chapter 229 of the Not recognized to TARE ANY ACTION AT ALL. Take notice that under Chapter 229 of the Notice and Application and accompanying documents over the proposes to file or has filed this Notice and Application and accompanying documents with the Director of the Privation of Oil and Cas. with respect to a Copies of a location described on attached Application and Reclamation Plan above (or by publication to the Director of the Privation of Oil and Cas.) (b) EXTRACTION RIGHTS Check and provide one of the following: It is the right to extract, produce or market the oil or gas based upon a lasse or leases or other contracts providing for flat well royalty or any disaliar provision for other contracts providing for flat well royalty or any disaliar provision for the volume of oil or gas in place which is not experience of the following: It is the right to extract, produce or market the oil or gas based upon a lasse or leases or other contracts providing for flat well royalty or any disaliar provision for the volume of the vol	to plug a well), which sets reclamation for the site and	out the plan for erosin and sediment control and for
The notice that under Chapter 222 of the West Virginia Code, the undersigned well optors by the propose to file or has filed this Notice and Application and accompanying documents of the propose of the propose of the private of the Division of Oil and Gas. with respective the private of the Division of Oil and Gas. with respective the Application, the plate and depicted on attached Fore Wu-6. have been this Notice, the Application, the plate and depicted on attached Fore Wu-6. have been this Notice or certified and expected by hand to the person(s) named to the Director of the Division of Oil and Gas. 6) EXTRACTION RIGHTS Check and provide one of the following: Included is the lesses or lesses or other continuing contract or contracts by which I whose the requirement of Code 223-1-26(c)(1) through (4). (see reverse side for specifics.) 7) ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas hased upon a lesse or lesses or other contract or contracts providing for flat well royalty or any similar provision to the womer of the oil or gas in place which is not inherently related for the wollaws of oil or gas and place which is not inherently related to the volume of oil or gas no extracted, produced or aerketed Yes No you may use Affidavit Form Wi-60. See the reverse side for line item instructions, and for instructions concerning Reclamation Plan. See the reverse side for line item instructions, and for instructions concerning Reclamation Plan. The truth of the information on the Notice and Application, plat, and Construction and The required copies of the Notice and Application, plat, and Construction and WELL OPERATOR BLUE CREEK Gas Co. By Commission expires Thus All, 1997. Address To Bours Andrew Local Construction and The Publica Contract of the Well Operator Publica Contract of the Well Operator Publica Contract Operator Contract Publica Contract Co		ONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION YOU ARE NOT REQUIRED TO TAKE ANY ASSESSMENT OF THE APPLICATION
Check and provide one of the following: Included is the lease or leases or other continuing contract or contracts by which I The requirement of Code 228-1-8(c)(1) through (4). (see reverse side for specifics.) 7) ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision to the volume of oil or gas as in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Tes No If the answer above is No, mothing additional is needed. If the answer is Yes, See the reverse side for line item instructions, and for instructions concerning Reclamation Plan.	Copies of this Notice, the Application, have been mailed by registered or certiabove (or by publication in certain cit to the Director of the Division of Oil	or of the Division of Oil and Gas, with respect to a ched Application and depicted on attached Form WW-6. If it is and the Construction and Reclamation Plan cumstances) on or before the day of mailing or delivery and Gas.
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. ROYALTY PROVISIONS	EXTRACTION RIGHTS	
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision to the volume of oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Tes No you may use Affidavit Form WM-60. See the reverse side for line item instructions, and for instructions concerning Reclamation Plan. The truth of the information on the Notice and Application, plat, and Construction and the Notice is signed on behalf of the Well Operator in, my County and State by This Aday of May commission expires Analy, 1997. Notary Public. Telephone 304 342 -0/4/ 1000/200000	hold st.	or other constants
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related If the snawer above is No, nothing additional is needed. If the snawer is Yes, See the reverse side for line item instructions, and for instructions concerning Reclamation Plan. The truth of the information on the Notice and Application, plat, and Construction and The Notice is signed on behalf of the Well OPERATOR BUJE CREEK GAS CO. By WELL OPERATOR BUJE CREEK GAS CO. WELL OPERATOR BUJE CREEK GAS CO. Tis Vector of the Well of	7) ROYALTY PROVISIONS	(c)(1) through (4). (see reverse side for specifics.)
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See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan. The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in, my County and State by This day of State by This day of State by Notary Publication instructions, and for instructions concerning Meclamation, plat, and Construction and Application, plat, and Construction and WELL OPERATOR BLUE CREEK GAS Co. WELL OPERATOR BLUE CREEK GAS Co. WELL OPERATOR BLUE CREEK GAS Co. To Reclamation Plan. The truth of the information on the Notice and Application, plat, and Construction and Application, plat, and Construction and WELL OPERATOR BLUE CREEK GAS Co. The state of the Notice and Application, plat, and Construction and Application, plate, and Construction and Application, plate, and Construction and Application, plate, and Construction and Construction and Construction and	to the volume of oil or gas so extra	cted, produced or market at not inherently related
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The Notice is signed on behalf of the Well Operator in, my County and State by This 4 day of State by My commission expires (fund), 1945. Notary Publice. Notary Publice. The Notary Publice. The Notary Publice of the Well By Stemph Resident Address P.O. Box 6357 The Publice of the Well The Notary Publice of the Well To the Well The Notary Publice of the Well The Nota	The truth of the inf	Sometruction and
This day of State by This day of State by My commission expires the 21, 1998. Notary Public. Notary Public	the Notice is verified and sworn to	WELL OPERATOR BLUE CREEK GAS CA
This is day of Sult., 1965. My commission expires Thu 21, 1998. Notary Public. Notary Public. Telephone 304 342 -0141	Operator in and and on behalf of the Well	A D A
My commission expires thu 21, 1998. Notary Public. Address P.O. Box 6357 Telephone 304 342 -0141 Telephone 304 342 -0141	of cycle by and State by	by alenny Kali
My commission expires Towal, 1998. Talucia Innu Capile Notary Public. Telephone 304 342 -0141	-his Wester Mr. Kirbin	- CIRREIANI -
Notary Public (1998), 1998. Telephone 304 342 -0141	My continue 1904	Audress F.O. Box 6357
Notary Public 7	Tabuch / Tres Thu 28, 1998.	Telephone That SUVA
State of Wast Alanawka County,	Notary Public Ciffee	10100 JOH 342 -0141
LUSA (MAIMA)	State of West Tuaina County,	12/29/2023

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Division 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 §22B-1-9(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, iiii) See Code \$22B-1-36.
 - 6) See Code 122-4-11(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 \$22B-1-6 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 \$22B-1-2C and the reclamation required by Code \$22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code \$22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code \$22B-1-21 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 § \$ 22B-1-9, 22-B-1-13 and 22B-1-14.

INFORMATION SUPPLIED UNDER CODE \$22B-1-8(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

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

- 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:



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

COMPANY NAME Blue Creek Gas Co.



DATE August 27, 1985 WELL NO. Becker #1 API NO. 47 - 039

DESIGNATED AGENT Steven M. Rubin

State of Mest Airginia Bepartment of ENERGY

CONSTRUCTION AND RECLAMATION PLAN

Gil und Gas Bivision

Address Box 6357 Charleston W	7	Address	Box 6357	Charleston	TATT 7
Telephone 342-0141		Telephone	342-0141	Charleston	- VV V
LANDOWNER Earl Becker		SOIL CONS.	DISTRICT SO	I Charlesto	n
Revegetation to be carried out by	Blue Cr	reek Gas Co.			ent)
This plan has been reviewed by	Ca	pitol	SCD XII		
and additions become a part of this pla	n:	SEP. 5 198		corrections	5
	K	(Date)	11		
"FIELD REVIEWED"	-4	(SCD Agent	1000	COMMENT	311
ACCESS ROAD		SEL		La Charles Ville A.	3 (9)
Colorant			LOCATION		
Structure Culvert	(A)	Structure	Diversion D	itch	(1)
Spacing 15" Min Diameter		Material Sc	oil		
Page Ref. Manual 2-7		Page Ref. M	anual 2-12		
			2-12		
Structure Cross Drains	(B)	Structure_			(2)
Spacing		Material_			
Page Ref. Manual 2-1		Page Ref. M	amial		_
Structure Open Side Ditch	(C)	Structure_			(3)
Spacing		Material			
Page Ref. Manual 2-12		Page Ref. Ma	anua 1		
All structures should be inspected commercial timber is to be cut and start and removed from the site before			l if necessary nd small timbe	. All er to be	
RE	VEGETATIO	N			
Treatment Area I		T+	eatment Area		
Lime 2 Tons/acre		Lime	2		
or correct to pH 6.5		or correc	t to pH 6.5	Tons/ac	re
Fertilizer 500 lbs/acre (10-20-20 or equivalent)		Fertilizer	.500	lbs/acr	e
Mulch Hay or Straw Tons/acre		Mulch Hay	0-20-20 or eq		
Seed* KY 31 40 lbs/acre		Seed* KY		2 Tons/ac	
Clover 4 lbs/acre			lover	40 lbs/acr	
lbs/acre				lbs/acr	
*Inoculate all legimes such as vetch, inoculate with 3% recommended amount.	trefoil e	mi alauana	: +1- +1	103/801	_
Inoculate with 3% recommended amount.		and ecovers w	tth the prope	r bacterium.	
	FIAN PREE	ARED BY ST	me m. Kr	bii	
NOTES: Please request landounces!	,	Pal	3-1 121	12/29/202	23
seedling for one growing season.	· ·	- Drass F. O. L	100000	, ,	-
Attach separate sheets as		CA	us WYA		_
necessary for comments.	FHO	NE NO. 34	2-014	/	Tales.
				-	

ATTACH OR P	HOTOODPY	SECTION	OF
INVOLVED TO	POGRAPHIC	MAP.	
QUADRANGLE			_

	1 4 1 1 1 1		
	LEGEND		*
We:	ll Site	9, 10, 100	
Acc	cess Road	TATALITA	<u> </u>

WELL SITE PLAN

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.

LEGEND	
Property boundary	Diversion
Road = = = = =	Spring →
Existing fence — X — X —	Wet spot 💍
Planned fence — / — /—	Building
Stream \\	Drain pipe O
Open ditch>>	Waterway

BLUE CREEK GAS CO.
BECKER # 1 JEFFERSON DIST. KANANHA CO. STATE KOUTE & ... A Ma Backers Heme Existing Free Read to be Upgereded

Blue CREEK GAS LO.



SURFACE OWNER'S COPY



1)	Date: Sep	tember 3		_, 19_ 85
2)	Operator's Well No.	Becker	#1	
3)	API Well No.	47	039	
,	111 1 1101	State	County	Permit

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

5) LOCATION	V: Ele	vation:		0.46		Watershed:	Big sprin		7 1/2 Alum Cæee
		trict:				County:	Kanawha	Quadrangle: AGENTSte	
) WELL OPE	RATOR_			k Ga	3	1100	Address	Box	
Address	-	Box		777 0	E202		Address	Charlest	
OH & CAS			ston,		3302	EST SANSAN	9) DRILLING CO		
OIL & GAS			SE NOTH	ILD			Name	N/A	
Address	II.A.V.O.A.						Address		of an interest many the secretary of
	Sald F							Audichar New York	to a Charman a standard from or
PROPOSE	D WELL	WORK:	Drill	X	/ Drill	deeper	/ Redrill	/ Stimulate	
			Plug off	old f	ormation_	/ Perfo	orate new formation_	X	
			Other ph	ysical	change in	well (specify)		Mark Property and Control of the	The second section of the second seco
GEOLOGIC	CAL TAR	GET FOR	MATION,				le - Harrell		
12) Estima					4200	fee			
13) Approx	ximate trat	a depths:	Fresh,		275		lt,	feet.	/ No. X
14) Approx						Is c	oal being mined in the	area? res	
) CASING A	ND TUBI					POOTAGE	INTERVALS	1 CEMENT FILL-UP	PACKERS
CASING OR TUBING TYPE		SPEC	Weight				1 188 188	OR SACKS (Cubic feet)	Same production of the state of
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	Kinds
onductor		1-		17		350	350	To Surface	inetraci ad plantigati
esh water	¥9 5	/8				7		(A) (A) (A)	Sizes
oal	711	190	23#	X		1800	1800	75 SKS	ASSESSMENT OF STREET
roduction	4 1/	2	10.5			4200	4200	110 SKS	Depths set
									the entire transport to the same
ubing								6 6 6 7 6 7 6	Perforations:
								200000000000000000000000000000000000000	Top Bottom
ubing iners								CONTROL OF STREET	CONTRACTOR AND REPORTED

on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those

materials.	
(For execution by corporation, partnership, etc.)	(For execution by natural persons)
NAME:	C'arl E. Becker
	(Signature)
By Acts and Advanced	Date:
ItsDate	(Signature)
	major to principal to the second seco

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 Adminisatrator's office or an Oil and Gas Inspector to obtain a copy of the list.



SITE REGISTRATION APPLICATION FORM

STATE OF WEST VIRGINIA/NPDES GENERAL PERMIT FOR OIL AND GAS

DRILLING PIT WASTE DISCHARGE

1.	Company	Name	BLU	5 CUSE	K GAS	· Co.				
2	Mailing	Addres	5 1700	PENN AU	e Ch	20	WVA	2	5362	
3.	Telepho	ne <u>34</u> 2	-0141	eet	4.Well	Name_	Becke	C#1	21P	
5. I	Latitude	3803	12' 30'		Longit	tude	310 1	15'		
6. ì	NPDES #	WV00733	43	7. Dept.	Oil &	Gas Pe	rmit NO	. 47-	039-422	9
				9.						
10.	Nearest	Stream	BIGSPI	RING FOR	1 1. T	ributar	y of	23/41	nile Cr	_
12.	Will Di	scharge	be Cont	racted O	ut?	yes_	n			
13.	If Yes,		Proposed	1 Contrac	tor B	LUE C	REEKE	AS CO		
			Address_	1700	Penl	v. Au	e. Chi	as hi	VA	
			Telephor	ne 34	2-01	41				
									_	
14.	Propos	sed Disp	osal Met	thod: UI	.C		Land app	licati	on	
	off Si	te Disp	osal		Reuse		Centrali	zed Tr	eatment _	
	Therma	al Evapo	ration_	Other						

15. Attach to this application a topographic map (a duplicate of the one submitted to the Office of Oil and Gas) showing the outline of the facility, location of wells, springs, rivers and other surface water bodies, and drinking water wells known to the applicant in the area of the lease that may be impacted by any land application.

Nothing in the general permit shall be deemed in any way to create new, or enlarge existing, rights of riparian owners or others. Neither does anything in the general permit create new, or enlarge existing, obligations or duties of an operator pursuant to the requirements of W. Va. Code S22-4-1 et seq. The issuance of the general permit does not convey any property rights of any sort. Nor shall the issuance of the general permit give rise to any presumptions of law or findings of fact inuring to or for the benefit of persons other than the State of West Virginia.



State of West Wirginia

DEPARTMENT OF ENERGY
Dil und Gas Division

Vate De	cember 24 1985
Operator	's
Well No.	Becker #1
Farm_	Becker
APT No.	47 - 030 - 4220

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

LOCATION: Elevation: 890 Watershed	Big Sprin	g Fork		
District: Jefferson County Kanax	wha	Quadrangle	Alum C	reek
COMPANY Plus Creek Cox Co				
COMPANY Blue Creek Gas Co. ADDRESS Box 6357 Charleston, WV 25302				Cement
DESIGNATED AGENT Steven Rubin	Casing	Used in		fill up
ADDRESS Box 6357 Chas. WVA 25302	Tubing	Drilling	in Well	Cu. ft.
SURFACE OWNER Earl Becker	Size 20-16			
ADDRESS Hampshire Drive Stallbans. WVA	Cond.			
MINERAL RIGHTS OWNER Earl Becker	13-10"			
ADDRESS	9 5/8	372	372	120 SKS
OIL AND GAS INSPECTOR FOR THIS WORK Carlos	8 5/8			
Hively ADDRESS	7	2237	4313	120 SKS
PERMIT ISSUED Sept 11, 1985	5 1/2			
DRILLING COMMENCED 10-07-85	4 1/2	4290	4290	100 SKS
DRILLING COMPLETED 10-13-85	3		ž	
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2			
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners used			
ON_	<u> </u>			
GEOLOGICAL TARGET FORMATION Brown Shale		Dep	th	feet
Depth of completed well 4313 feet	Rotary X	/ Cabl	e,Tools_	
Water strata depth: Fresh 250 feet;	Salt_	feet		
Coal seam depths:	Is coal	being min	ed in the	area? No
OPEN FLOW DATA				
Producing formation Brown Shale	Pa	v zone dep	th3600-42	oo feet
Gas: Initial open flow Mcf/d				
Final open flow 350,000 Mcf/d			-	7
Time of open flow between init				
Static rock pressure 850 psig(surface				
(If applicable due to multiple completion				
		y zone der	12/29 oth	9/2023 fee
				Bb1/
Second producing formation	Oil: In	utial open		

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

Perforated Interval 3652 - 4147 - 23 Shots 860,000 SCF Nitrogen 25,000# 20/40 Sand 750 Gals 15% Acid

WELL LOG

			W	ELL IUG	DAVIT YORK TIME - 1
FORMATION	COLOR HARD OR SOF	TO TO	FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
	Rock		8	404	POST Increase To 140 TADQ.
	Shale		404	1255	
	Sand		1255	1430	
	Sand W/Shale		1430	1600	2000
	Salt Sand		1600	1740	201 201 20 10 20 00 00 00 00 00 00 00 00 00 00 00 00
	Lime	prig O	1740	1970	DESCRIPTION OF SECTION
	Injun		1970	2000	
	Shale		2000	2440	1 200 Fe Salaton 3250005
	Berea		2440	2451	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO A PERSON NAMED IN
	Shale	101 111	2451	4313	T.D. ARGERY
				10/15	The case of the state of the st
					27.00
		-		AND WEST	mee who ear ave and mo
					RESPECTATION OF THE PARTY OF TH
		-		2 3 2	at the control of the state of
					ACT TO BELL OF STORIST
				A ORGANIA	TO THE PERM PROPERTY.
				no recit	AND AND THE PERSON NAMED IN THE PARTY OF THE
		- File			les batalon control
		High.		OTSA	distribution to a second
					I will see the Co

(Attach separate sheets as necessary)

	Blue Creek Gas Compnay	
Well	1 Operator	
By:	Steve M. Rubis	
Date:	11–13–85	

12/29/2023

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 of a well."

INSPECTOR'S PERMIT SUMMARY FORM

9-11-85

WELL TYPE Gas	ΔD	I# 47- <u>039</u> -	4939
ELEVATION		OR Blue evect	
DISTRICT Jefferson		ONE	
QUADRANGLE St. Albans		gri Becke	
COUNTY Kanowha		Becker#1	
SURFACE OWNER	COMMENTS	TEL	EPHONE
TARGET FORMATION	DATE APPLIC	CATION RECEIVED	
DATE STARTED LOCATION 9-22-85		DRILLING C	OMMENCED 10-7-85
WATER DEPTHS, COAL DEPTHS,	,		
Ran 383 feet of S			
Ran 4290 feet of	"pipe on A	0-13-85 with 10	essec fill un
Ranfeet of		with	DETA. OIL A.LD GAS
	PLUGGING		JUN 2 198
Type	From	То	Pipe Removed
Dit Dischange data:			
Pit Discharge date:			
Field analysis Well Record received	ph fe		
"CII MCCOIU TECEIVEU			
Date Released 5-29-	86		

Inspector's signature

API# 47<u>039</u> - 4729

LIST ALL VISITS FOR THIS PERMIT

DATE	TIME	PURPOSE	COMMENTS
9-27-85		Inspection	Building location
16-7-85		11	setsurface casing
10-10-85		11	set ?' easing
90-15-85		11	T.D. ho let move Rig of 1009750
11-18-85		01	Duingwell hoose up
1-7-86		11	pertion not Rechine
3-13-86	A a second	11	location Not Reclaimed
5-39-86		11	Reclaimed & Released
		2 mg - 63 1 1 - 63 1 -	
		<u> </u>	
2 - 1 30			
- 4			

Notes

