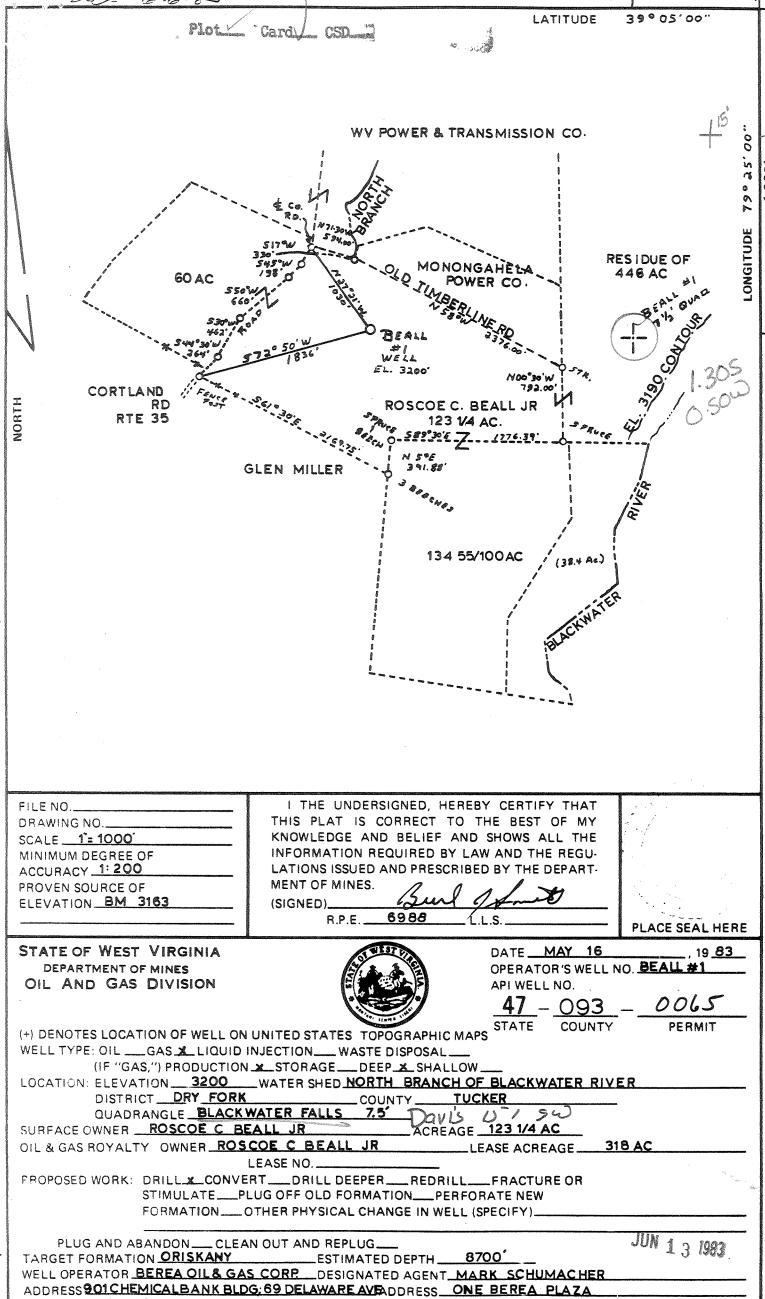
BRIDGE PORT WV

26330

8

BUFFALO, NY 14202

2700



2600

26330

BRIDGEPORT, WV

BUFFALO, NY 14202

H I HALL

0		120	(E)			
		學的	<b>5</b> )			
	W-19			Data	October 1	1 1002
(1	W. H-BI)	& Juman		Operato	or's	
₹. *. } •			l Plirgini			Beall #1
	TIPE TO THE PARTY OF THE PARTY	artineid of	Allines .			eall. Jr.
到長	CEIVE CT 14 1983 ON	und Gas	Division	API ib.	47 - 093	-0065 Re
No.	OIL & GAS DIVISION WELL C	PERATOR'	S PETORT			
()	OT-2 0 1983 OIL & GAS MINES DEWILING, FRACTURING NO.	OF				
01	& GAS DIVISION ,	OK STIM)	LATING, O	REINSICA	r alvice	
	NAINITOET /	Indiana.				
	Gas X / Liquid I	indergrou Indergrou	ri Storaĝi	e Disposa e - / Deep	1/ p X / Sha	11cw Zi 22
- 1	CATION: Elevation: 3200' Water		Branch Bla			
	District: Dry Fork Count	Y_Tucker		Quadrangle	Blackwa	ter Falls 71/2
	HIVIIY Beren And Corp.					
	HITES PO Res. 299, Bridgeport, WV 263	30	.*			Cenent
	GIGINIED AGEIT Thomas E. Riley/		Casing	Used in	left	fill up
	(1943S PO Box 299, Bridgeport, WV 26330	0	Tubing	Drilling	in Well	Ci. ft.
	THITE OWNER Roscoe C. Beall, Jr.		Size. 20- <b>48</b>	10'	10'	
Λ,	THESS 319 N. Main St., Keyser, WV 267	26	CG17]/8"-		· · · · · · · · · · · · · · · · · · ·	
	HEPAL RICHTS OWNERROSCOE C. Beal.Jr.		13x10x	258'	240	200 sks
	EDEFNS 319 N. Main St., Keyser, WV 2672	26	9 5/8	3056'.	.3018' .	350 sks
	II. AID GAS INSPECTOR FOR THIS WORK Phil	111p	8 5/8/	,		· ·
	Tracy ADDRESS					
Γ	EPHIT ISSUED 8/25/83		5 1/2	• • • • • • • • • • • • • • • • • • • •	o control	
L	PILLING COMMENCED 9/06/83		4:1/2	8463	8207'	565 sks
Ü	PILLING COMPLETED 9/23/83		3 483			
1	ATPLICABLE: PLUGGING OF DRY HOLE ON		e av			
p P	ONTHUOUS PROGRESSION FROM DRILLING OR EXTERNING. VERBAL PERMISSION OBTAINED	\$4.00	Liners		<i>:</i>	
• 10			used	t)		
	DIGICAL TARET FORMATION Oriskany			Dept	h 8.700'	feet
	, Depth of completed well 8463'	feet R	otary x		2 Tools	
	Water strata depth: Fresh50; 130		Salt .	feet		
	. Coal seam depths:				Main the	area? No
c	PIN FICH DATA	•				
	Producing formation Orlskany		Pay	zone dept	h encet	Ciat
	Gas: Initial open flow 3,25M					
	Final open flow 1.4 M			il open fl		,
	Time of open flow between					
			measurem			rs shut in
	(If applicable due to multiple com			21C/ 01CC	nou	is shut III
	Second producing formation	6		zone dept	h ·	feet
		Mcf/d (		ial open		Bb1/d
			Dil: Fin		-	Bb1/d
	Time of open flow betwe					
	Static rock pressure psig(					s shut in

DETAILS OF FEBORATED INTERVALS, FRACTURING OR STITULATING, PROSICAL CHART, EN.,

None - natural open flow

The state of the second st			
PUMPITION COLOR HARD OR SOFT	TOP FEEL	BOTTOM LIER	EDVATS Including indication of all for
			and salt water, coal, oil and
			333,733,733
Limestone	o ·	280	1.0
Sand & Shale	280	1870	'3" str wtr @ 50'
Shale	1870	2070	1" wtr @ 130'
Sand	2070	2160	* *
Shale	2160	2410	
Sand	2410	2480	
Shale	2480	2784	
Sandstone	2784	2920	*1
Sand & Shale	2920	3175	
Sand	3175	3340	
Shale	3340	3620	•
Siltstone	3620	4160	
Shale	4160	4310	
Siltstone	4310		
Shale	4575	4575 4700	
'Siltstone	4700		
Shale	4950	4950	
Siltstone	5200	5200	
Siltstone & Shale	5395 ·	5 395	
Shale	5800	5800	
Siltstone	6520	-6520	
Shale .	6660	6660	
Limestone	7608	.7608	
Siltstone	7640	7640	
Shale	7874	7874	
Chert		8036	
Shale	8036 8120	8120	
Sand	8120	8140	
Limestone	8320	8320 -	
azinco corre	6320	TD	
Driller's TD 8463'			
Logger's TD 8465'			
30	•		
•			

(Attach separate sheets as necessary)

BEREA OIL & GAS CORP. Well Operator

Date: October 13,

Thomas E. Riley, P.E. Manager of Engineering

Regulation 2.02(i) provides as follows:

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

## COMPIDENTIAL

17-25 Opy 8-81)

WELL TYPE: Oil\_

## AMENDED FOR FRACTURING ONLY

Date August 28, 1984 Operator's Sinte of Mest Mirginia Well No. R. Beall #1

Farm Roscoe C. Beall, Jr.

API No. 47 - 093 - 0065 FRAC.

AUG 2 9 1984 Department of Mines OIL & GAS DIVISION

DEPT. OF MINES Oil and Cas Bivision

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

\_/ Gas x / Liquid Injection / Waste Disposal

	Elevation: 3200'	Watershed N	lorth Branch	n of Black	water Riv	er
	District: Dry Fork					
		- anathurary all this contact	-	,		
277 22777						
	erea Oil & Gas Corp.			1		Comont
	. 0. Box 299, Bridgepo		Casing	Used in	Left	Cement fill up
	O Read 200 Paris		Tubing	Drilling	in Well	Cu. ft.
	O. Box 299, Bridgepor		Size			
	WER Roscoe C. Beall,		20-xix6x Cond. 13 3/8"	10'	10'	
	N. Main St. Keyser, W		13 3/8" XXXXXXXX	258'	240 *	200 sks.
	IGHIS OWNER Roscoe C.		9 5/8	3056'	3018'	350 sks
	N. Main St. Keyser, W		8 5/8			
	NS INSPECTOR FOR THIS		7			
	1 ADDRESS P.O.Box 1		5 1/2			
	SUED 7-20-84 (FRAC)	26416	4 1/2	8463'	8207'	565 sks.
'II'THIE C	DHIEKED 9-6-83	8/11/84	3		0207	JOJ SKS.
RILLING C	CMAPLETED 9-23-83	(3/14/84)	2 3/8"		3000	
	ABLE: PLUGGING OF DR				7999 <b>'</b>	
WEINOUS WEKING.	F PROGRESSION FROM DR VERBAL PERMISSION (	ILLING OR	Lihers" used		4251	90 sks.
1 2			useu			
DYGICAL	L TARGET FORMATION	Oriskany	• •	Dan	- <b>h</b> 9700	) feet
	of completed well_					
	r strata depth: Fresl				= 10015	
	sem depths: N/A		Is coal		ad in the	25023
	-		_ is coai	berrig nur	ed III Ule	area: no
	איזיא רו				Con Unil	
E! FICW					see werr	Treatment
Produ	ucing formation Orisi				thDeta	ils feet
El FIAW Produ Gas:	ucing formation Orisi	none Mcf/d	Oil: Ini	tial open	flow	ils feet
El FIAN Produ Gas:	ucing formation Orisi	none Mcf/d	Oil: Ini	tial open	flow	ils feet
Produ Produ Gas: Cas: Oate After	Initial open flow Frac Final open flow Time of open f	none Mcf/d 500 Mcf/d low between init	Oil: Ini Fin	tial open al open fi nal tests	th Deta flow low 48 ho	Bbl/d Bbl/d
Produ Produ Gas: Cas: Oate After	Initial open flow Final open flow	none Mcf/d 500 Mcf/d low between init	Oil: Ini Fin	tial open al open fi nal tests	th Deta flow low 48 ho	Bbl/d Bbl/d
Produ Produ Gas: Pate After (84) Stati	Initial open flow Frac Final open flow Time of open f	none Mcf/d 500 Mcf/d low between init 1150 psig(surfac	Oil: Ini Fin Fial and fi	tial open al open fi nal tests	th Deta flow low 48 ho	Bbl/d Bbl/d Bbl/d
Produ Gas: Cas: Oete After 784 Stati	Initial open flow Fraction Orisi Fraction Final open flow Time of open f ic rock pressure  applicable due to mul	none Mcf/d 500 Mcf/d low between init 1150 psig(surfactiple completion	Oil: Ini Fin tial and fi te measurem 1)	tial open al open fi nal tests ent) after	flow low 48 ho	Bbl/d Bbl/d Bbl/d wrs rs shut in
Produ Gas: Date After 784 Stati (If o	Initial open flow Frac. Final open flow Time of open f ic rock pressure applicable due to mul	none Mcf/d 500 Mcf/d low between init 1150 psig(surfaction	Oil: Ini Fin Fial and fi ce measurem 1) Pay	tial open al open final tests ent) after zone depo	flow low 48 ho r 4 hou	Bbl/d Bbl/d Bbl/d urs rs shut in
Produ Gas: Date After 784 Stati (If o	Initial open flow  Time of open ficing to make the control open from the control open from the control open from the control open from the control open flow the control open fl	none Mcf/d 500 Mcf/d low between init 1150 psig(surfactiple completion  Mcf/d	Oil: Ini Fin Fial and fi ce measurem 1) Pay Oil: Ini	tial open al open final tests ent) after zone depondential open	flow low 48 ho r 4 hou th	Bbl/d Bbl/d Bbl/d Bbl/d Bbl/d Bbl/d
Produ Gas: Date After /84 Stati	Initial open flow Frac. Final open flow Time of open f ic rock pressure applicable due to mult and producing formation Initial open flow Final open flow Final open flow	none Mcf/d 500 Mcf/d low between init 1150 psig(surfactiple completion  Mcf/d	Oil: Ini Fin Fin Fial and fi The measurem Pay Oil: Ini Oil: Fin	tial open final tests ent) after zone deprinal open final open fin	flow low 48 hour 4 hour th flow	Bbl/d Bbl/d Bbl/d Bbl/d Bbl/d Bbl/d
Produ Gas: Date After /84 Stati (If of Secon Gas:	Initial open flow Frac. Final open flow Time of open f ic rock pressure applicable due to mult and producing formation Initial open flow Final open flow Final open flow	none Mcf/d  500 Mcf/d  low between init  1150 psig(surfactiple completion  Mcf/d  Mcf/d  low between init	Oil: Ini Fin Fin Fial and fi The measurem Flay Oil: Ini Oil: Fin Fial and fi	tial open al open final tests ent) after zone depondential open final tests	flow  48 hou  4 hou  flow ho	Bbl/d Bbl/d urs feet Bbl/d Bbl/d Bbl/d

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, EIC. 8-11-84 Perf. Oriskany/ Helderberg Frac. Oriskany, 8-14-84.

8254' - 8258' (8 holes) Oriskany Formation broke 2550#. ISIP 3400#,

(82541	-	82581	(8	holes)	Oriskany
82621	******	82641	(2	holes)	
<u>√8290'</u>		8292	(2	holes)	
83221		8328*	(6	holes)	Helderberg

Frac. Helderberg 2550#. ISIP 3400#, 5 min. 3000#. Avg. pump rate 33 BPM. Used 75,000# 20/40 sand. 7000 gal 15% HCl acid, 1245 BW.

WELL LOG

1

			REMARKS
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	· · · · · · · · · · · · · · · · · · ·
Limestone	0	280	½ str. wtr. @ 50'
Sand & Shale	280	1870	l"str. wtr. @ 130'
Shale	1870	2070	2 333
Sand	2070	2160	
Shale	2160	2410	
Sand	2410	2480	
Shale	2480	2784	
Sandstone	2784	2920	
Sand & Shale	2920	3175	
Sand	3175	3340	
Shale	3340	3620	
Siltstone	3620	4160	
Shale	4160	4310	
Siltstone	4310	4575	
Shale	4575	4700	
Siltstone	4709	4950	
Shale	4950	5200	
Siltstone	5200	5395	
Siltstone & Shale	5395	5800	
Shale	5800	6520	
Siltstone	6520	6660	
Shale	6660	7608	
Tully Limestone	7608	7640	
Hamilton Siltstone	7640	7874	
Marcellus Shale	7874	8036	
Hunterville Chert	8036	8120	
Needmore Shale	8120	8140	
Oriskany Sand	8140	8320	
Helderberg Limestone	8320	84631	
Drillers TD (8463)			
Loggers TD 8465'			
			·
	8	g i	R .

(Attach separate sheets as necessary)

Berea Oil & Gas Corp.	
Mell Operator Anomas & Riky	
ghomas 2 Lily	
By: Thomas E. Riley, P.E., Manager of Engin	neering
Date: August 28, 1984	

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 cont, encountered in the drilling of a well."



1)	Date:	August	24	19	83
----	-------	--------	----	----	----

2) Operator's R. Beall #1

3) API Well No. 47 - 093 - 0065-Rev State County Permit

File

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

		-		**					
4) WELL TY				$\frac{X}{X}$	/			77	
	В (І	f "Gas",	Productio	$\frac{\lambda}{1000}$	·/	Undergroun	d storage	/ DeepX	_/ _ Shallow/)
5) LOCATIO							North Branch		
									Blackwater Falls 7.5'
6) WELL OP	_				as Corp	•	7) DESIGNATED	AGENT <u>Mark</u>	
Address	s	P.(	). Box	<u> 569</u>	622	<del></del>	Address	P.O.	
*			zer, 0		022	<del></del>		Bridg	geport, WV 26330
8) OIL & GA				FIED			9) DRILLING CO	ONTRACTOR:	
Name	Phil	11b 11	racy				Name		
Address			201217		7		Address		
	Pho	ne: (.	<u>304) 47</u>						
10) PROPOSE	D WELL V	WORK:					/ Redrill		/
			Plug o	ff old f	ormation	/ Perf	orate new formation.	/	
			Other p	hysical	change in w	ell (specify)			
11) GEOLOGI									
12) Estima	ated depth o	of complet	ed well,		8700	fee			
13) Appro	ximate trat	a depths:	Fresh, _	401	; 2091	feet; sa	alt, <u>2900</u>	feet.	
14) Appro	ximate coal	seam dep	ths:		N/A	Is o	coal being mined in the	area? Yes	/ NoX
15) CASING A	AND TUBI	NG PRO	GRAM						
CASING OR		SPEC	EFICATION	s		FOOTAGI	E INTERVALS	CEMENT FILL-UP	PACKERS
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
Conductor	13 3/8	H40	48	x		2501		to surface	Kinds by Rufe 15.00
Fresh water	11.0							to surrace	y 1247 13
Coal									Sizes
Intermediate	9 5/8	J55	36	X		3100'	3100'	1000' Fillup	
Production	41/3	N80	11.6	X		8700 °	8700'	1000' Fillup	
Tubing	2 3/8		4.7	X		90001			
Liners				1		7000			Perforations:
					:				Top Bottom
									Top Bottom
						· · · · · · · · · · · · · · · · · · ·			
				· · · · · · · · · · · · · · · · · · ·				D.,	
			· · · · · · · · · · · · · · · · · · ·		OF	FICE USE	ONLY		
					***************************************	ILLING P			
	47-09	3-006	5-Rev				Δ1	igust 25, 198	3 .
Permit number_							1 10		*/
om t								Date	
quirements subje	ering the we	nditions	or and well	l locatic herein a	on shown bel	ow is evidence	of permission grante	d to drill in accordance	ce with the pertinent legal re- and Gas Inspector, (Refer to
No. 8) Prior to t	he construc	tion of ro	ads, locat	ions and	pits for any	permitted wo	rk. In addition, the we	ell operator or his cont	tractor shall notify the proper
district oil and g	as inspector	r 24 hour	s before a	tual per	rmitted work	has commend	ced.)	•	
The permitted w	ork is as de	scribed in	the Notic	e and A	pplication, p	lat, and reclar	mation plan, subject to	anv modifications ar	nd conditions specified on the
reverse hereof.			25, 1				•	,	openion of the contract of the
Permit expires _		ugust	47, 1			unless we	ell work is commenced	prior to that date and p	prosecuted with due diligence.
	*************************		·					*	
Bones:	Agent	.   1	Place	Caein	g/ Fee	s			
1/12	01			AL.	7//			-	1
4	$\mathcal{O}$	_ /2	2	4	163	10			
				,		=	$\underline{\hspace{1cm}}$	1/1	
							Admi	nistrator, Office of O	il and Gas
NOTE: Keep o	ne copy of	this perm	it posted	at the di	illing locatio	n.			

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





1)	Date:	July	11		, 1	9 84	
2)	Operator's Well No.	R.	Beal1	#1			
•	13 CT	JET AN	17 - 00:	2	0065	TIDA C	~

County

Permit

STATE OF WEST VIRGINIAN OIL & GAS DIVISION DEPARTMENT OF MINES, OIL AND GAS DIVISION 2 1984

DEPT. OF MINESAPPLICATION FOR A WELL WORK PERMIT

4) WELL TY	Dr. A O	1	/ Cn		Κ΄,		w V	A. OIL & GAS	ON
4) WELLIY	PE: A UI	""Gae" I	/ Ga Production	S	<u>X</u> ,	Underground	STOTESCONSERVA	A. OIL & GAS TION COMMISSION Deep X h of Blackwate	_/ Shallow//
5) LOCATIO	N· Flev	ation:	Production	3200	7	Watershed:	North Branc	h of Blackwate	er River (MC60
5) 200:1110				ry Fo	rk				Blackwater Falls 7
6) WELL OP		Be	rea Oi	1 & G				AGENT Mark	
Addres	S		O. Box				Address	P.O.	Box 299
			ver, O		522			Brid	geport, WV 26330
8) OIL & GA				FIED			9) DRILLING CO	ONTRACTOR:	
Name.		e11 B					Name	ξ.	TRANSPORT
Addres	s Pho	ne: (	<u>304)86</u>	6 <del>-</del> 4608	3	<del>*************************************</del>	Address	:	JUGGV I
	***************************************								2 1
0) PROPOSE	D WELL V	VORK:			Drill		/ Redrill	_	1006
			_				rate new formation	/	Jul. 1984
						ell (specify)			**************************************
1) GEOLOG	ICAL TARC	EFFOR	MATION	,	970	1 <u>y</u>			CIL & GAS DIVISIO
12) Estim	ated depth o oximate trata	r complet	ea well,	/ <sub>1</sub> Ω <sup>†</sup>	• 2001	00 feet	t, 2900 '	5	DEPT. OF MIN
13) Appro	oximate trata	coom don	rresn,	N	, 209 /A	ieei; sai		e area? Yes	
14) Appro 5) CASING						15 CC	oar being mined in the	alea! les	/ NOA/
CASING OR	1110 10011		IFICATIONS	:	<b>6</b> }	FOOTAGE	INTERVALS	] CEMENT FILL-UP	PACKERS
TUBING TYPE	Size	Grade	Weight per ft.		Used	For drilling	Left in well	OR SACKS (Cubic feet)	MONERS
Conductor	13 3/8			X	Oseu	250.1	240		Vinds L. D. 1. 15 OF
resh water	113 3/4	1140	40				240	to surface	Kinds by Rule 15.05
Coal									Sizes
ntermediate	9 5/8	J55	36	X		3100'	3018."	1000' Fillup	Or U.S. Reg.
roduction	41			X		87001	8207,	1000' Fillup	
ubing	2 3/8		47	Х		9000'			
iners	31		8.80	1			4501	4501	Perforations:
									Top Bottom
							ONIT N		
						FICE USE	<del></del>		
					L9 R	ILLIIVG FE	ZIKIAH I		
ermit number_	47-	093-00	)65-FRA	r C			***************************************	July 20,	19 84
								Date	2
									ce with the pertinent legal re-
									and Gas Inspector, (Refer to tractor shall notify the proper
						has commence			· · · · · · · · · · · · · · · · · · ·
he permitted v	ork is as de	scribed in	the Notic	e and Ap	plication, r	olat, and reclan	nation plan, subject t	o any modifications ar	nd conditions specified on the
everse hereof.	71.	20	1006	_				•	
ermit expires	Jul	y 20,	1900			unless wel	ll work is commenced	prior to that date and	prosecuted with due diligence.
						<del></del> 1			**
Bond:	Agent	:   1	Plat:	Casing	Fe	e			
Bluch	1/	l h	111	mi	1/22/	98			
Suike!	<i>V</i>	//	121	1//		10	1		$\mathcal{A}$
							<del></del>		
OTE: Kaan	one copy of	thic norm	it nosted :	at the dri	lling locatio	n .	" Adm	inistrator, Office of O	ii and Gas
IOTE: Keep	one copy of	perm	posteu e	at the till	a. iocalit	****			File

DRILLING CONTRACTOR:

)	Date: May 27	, 19	-
)	Operator's		

Permit

Well No.\_ 47 3) API Well No. State County

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

OII	AND	CAS	WEIT	PERMIT	ADDIT	CATION
UIL	MINIT	CEME				CAULUN

	35.00 cm			OIL AND GAS	WELL PERMI	T APPLICATION			
				X					
4) WELL TYP	WELL TYPE: A Oil/ Gas/				Underground s	10000	/ Doon X	/ Shallow /	
5) LOCATION		B (If "Gas", Production  Elevation:				rth Banch	Deep	_/ Shallow/)	
, 200	Distri		ry Fork			icker		lackwater Falls	
6) WELL OPE	MAIUN	Berea		as Corp.	1	1) DESIGNATED	AULINI	chumacher	
Address		over,	OH 44	622		Address		port, WV 26330	
7) OIL & GAS							merale	posts at 2000	
	COYALTY OWNER BORGE CA BEALLY ST.					12) COAL OPERATOR			
Address						Address			
	1	Ceyser	, WV ZI	0720					
	Acreage SURFACE OWNER_ROSCOE G. Ben11, Jr.					13) COAL OWNER(S) WITH DECLARATION ON RECORD:  Name			
Address	WINER	319 N.	27 2 2	t.		Address			
		leyser		6726				Lieutett the	
Acreage		123.25				Name			
9) FIELD SAL	E (IF MAD	E) TO:				Address			
Address					1	4) COALLESSEE	WITH DECLARAT	ION ON RECORD:	
10) OIL & GAS	INSPECTO	R TO BI	E NOTIFIED			Name	- The Decement	Andreas and the same	
Name		tewart		5757	Address				
Address	Phone:		)884-77						
15) DDODOGED	WORK		Y		/ D-1"	1	ture or stimulate	,	
15) PROPOSED	WORK:			rill deeper	/ Redril	new formation	ture or stimulate		
				e in well (speci					
16) GEOLOGIC	AL TARGE	T FORM	ATION, _	Oriskany					
17) Estimate				401 . 4	feet	29001			
18) Approx				N/A	feet;	salt,l being mined in the	feet.	/ No/	
					15 CO2	n being mined in the	arca: res	/ 140/	
20) CASING AN	ND LOBING	PROGE	KAM						
CASING OR TUBING TYPE		SI	PECIFICATIONS   Weight		FOOTAC	E INTERVALS	CEMENT FILL-UP OR SACKS	PACKERS	
	Size	Grade	per ft.	New Used	For drilling	Left in well	(Cubic feet)		
Conductor	3 3/0	1140	48	AL .	230	200	ED SUFFRCE	Kinds	
Fresh water Coal								Sizes	
Intermediate	9 5/8	355	36	X	3100'	3100'	1090' Fillup	Charles No.	
Production	44	M80*	11.6	X	87001	8700'	1000' Fillup	Depths set	
Tubing	2 3/8	355	4.7	X	9000*				
Liners								Perforations:  Top Bottom	
								Top Bottom	
						negative elements			
The re	rovide one of led is the lead equirement of PROVISION	of the follows or least of Code 2	ses or other c 22-4-1-(c) (1)	through (4). (S	See reverse side for	or specifics.)	right to extract oil or		
								ng for flat well royalty or any ne of oil or gas so extracted,	
produced or	marketed?	Yes 🗌	No 🗆						
If the answer abo 23) Required Co				eded. If the ans	swer is Yes, you	may use Affidavit F	orm 1V-60.		
24) Copies of thi	s Permit Ap	plication	and the encl					livered by hand to the above	
named coal of Mines at Cha	·			lessee on or bef	fore the day of th	ne mailing or deliver	y of this Permit Appli	ication to the Department of	
			Consider	260		Signed:	any Knee	well	
				Hell Mart Sales		Vice	President, L	andscale	
My Commission	m Expires					Its:	V	20110100	
					FFICE USE (				
				DI	RILLING PE	RMIT		19	
Permit number _	exero e						Date		
quirements subject	t to the con	ditions co	ontained here	in and on the locations and p	reverse hereof. Nits for any permit	otification must be g	given to the District O	ce with the pertinent legal re il and Gas Inspector. his contractor shall notify the	
Permit expires		-7 /3			unless d	rilling is commenced	prior to that date and	procecuted with due diligence	
Bond:	Agen	t:	Plat:	Casing	Fee	/	EL M	50	
10 15	1/2			1	15485	· Ad	ministrator, Office of	Oil and Gas	