FK-BLUESTONE CA

TRASCO 200 8-78 MC 8298.

Operator' Well No.		Cunningham	#4
API Well	No.	47 - 017 -	2488

MON Wellia

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

011. & 0	JAS DE	ASION			WEL	L-OPERATOR OF	S REPORTS		
DEPT.	DF I	Viol M	171:0 F	RACTUI	RING /	AND/OR STIM	ULATING, OR PH	SICAL CHANGE	
THE PERSON OF TH	A43	ر مرکافر ت	'a = 20V	yana.	40.144	Talantian	/ Wasta	Disposal/	
								Deep/	
				7-0-1-0-1-1-1			Cabin R		Site 110W//
								Quadrangle: 0x	ford 7½
							-		
WELL OPERATO	a <u>Uni</u>	ted O	perat	ing (Compa	any	DESIGNATED A	GENT <u>Jack L</u>	. Irittipo
Address	60	O Com	merce	<u>Squ</u>	are	regiji Pi i re gosija i kolodi Piri birs ^{ti pr} odob	Address	, <u>600 Com</u>	merce Square
	Ch	<u>arles</u>	ton,	WV 2	5301	Thirtechagus medicus microscopus		Charles	ton, WV 25301
	m 25	V	' / 04	m com milo		/ Nm411 Aa	enen / Re	.dm411 / Pre	acture or stimulate
PERMITTED WO				,			orate new forms		
							ify)		
	ŲŢ	ner pr	iyarcar	CHarle	Ze TII	well (spec	1.37		
				erannessassassassassassassassassassassassassa	AND DESCRIPTION OF THE PARTY.	7.0			
								NSPECTOR FOR THI	
(IF APPLICAE CONTINU	BLE: P	LUGGIN	G OF DR	Y HOL	E ON LLING	OR	Name	<u>Paul Garret</u>	gagan i kali kalendaran karantar bermenan bermenan ili di baran di baran baran baran baran baran baran baran b
REWORKI	NG. V	ERBAL	PERMISS	ION O	BTAIN	ED	Addres	s <u>321 Beech S</u>	
									WV 26301
									,450 rees
								Cable Tools	· · · · · · · · · · · · · · · · · · ·
							t,feet.		•
Coal se	qəb ma	ths:	energenetiste energe			Is coal	being mined i	n the area?	
. Work wa	s comm	enced	9.	30	delimento de en espera	, 19 <u>19</u>	_, and complet	ed	19 <i>79</i>
CASING AND	SIPTNO	PROCES	M						
CISTUS OR	le .	2550	יייה א מידער אורה א מידער	'ONS		₩ FOOTA	TNTFRVATS	#CEMENT FITTE	PACKERS
TUBING TYPE	917p	lorade	Weight	INew	Used	For drill	inglieft in we	OR SACKS (Cubic feet)	
Conductor		1			1				Kinds
Fresh water				-					
Ccal									Sizes
Intermediate	85/8	T _H	120	V		268	168	Circulated	<i>b.</i>
Production			105	Am			2440	1000 Fillus	Depths set
Tubing	T	13.50	-						
Liners							Samuel Spinor		Perforations:
					1	8			To 2274 Bosson
			and annual doublishing was a coope						
approximation of the second	İ		- marine minaring						
proprietalista de la companya de la	A Bandan to anoger		a Como e e e e e e e e e e e e e e e e e e	and the second second	al accommence	# <u>************************************</u>	ningen allegiang til Diske sed og sed negosian som åre og på seg uttor ned se engles end og same de		
CPEN FLOW DA			110						1170- 2002
Produci					1/~		Promit de la la la company de la company	Pay zone dept	n1274-2392 seet
Ga	s: In	itial (open fl	OW s		Mcf/d	Oil: Initia	al open flow, N	Bbl/d
	Fi			The second second	haran			open flow,	
								ests, X hour	
				•) after <u>M</u> ho	urs shut in
				-	-				
									hfeet
								al open flow,	
								open flow,	
								ests, hour	
· ··· St	atic r	oek pre	essure,			osig (surfa	ce measurement	after ho	urs shut in je
									47 Magazinia Tanan Santan

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

152 rtused interval from 2274-2397 in 160 stages with 500 bbls. fluid - 20,000 th stylus Sand 40,000 th 20140 Sand

ELL LOG

PORMATION	Color	Hard or Soft	S Ted Page	Bottom Peet	Remarks Including indication of all fresh and salt water, coal, oil and was
Jud-Shele	6	H	0	1550	The second secon
×	G	H	1580	1622	
	(S	1620	1699	
hate	G	H	1644	提到	
Parties of the second		5	I (F	######################################	
hole	6			7944	
we	G	H	1944	2038	
The same and a same an	6	H	2038	2108	
of Talan	6	5	2108	2274	
Sieh	1:	r Gurre er 7 📲	2274	2394	
eis_55	6	2		2452	
hate	6	S	2394		1. C.
			emplying control of the control of t		
		The state of the s			
a da ka Awaran Maraja da da ka					
					•
	Tolera Character and Control of Control		ST-S-CHARLES STATE OF THE STATE		•
	1 A				
		en de la com			American Communication (Communication Communication Commun
· · · · · · · · · · · · · · · · · · ·					reget verse, or one of the second
i · · · · · · · · · · · · · · · · · · ·				er, Sier	and Miller West of the Control of th

(Attack separate skeets to complete as necessary)

44 (1974)	United	Opera	ting	Compan			
Well	. Operator	ROSE SELECTION OF		terminal manager	CONTRACTOR	to mark mention	
3y	· lecte	1	Inttle	+1/4-	(Jack	L.	Trittipo)
Its	U Presid	dent					

1072: Regulztion 2.02(i) provides 28 follows:

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

Date: September 14, 1979

Operator's Cunningham #4

AFI Well No. 47 - 017 - 2488

State County Fermit

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: 011/ Gas X/	C Shallow X /
	ound storage / Deep / Shallow X /)
LOCATION: Elevation: 1035 Watershed	1: <u>Gabin Run</u>
•	Doddridge Quadrangle: Oxford 73
United Operating Company	DESIGNATED AGENT Jack L. Trittipo
Address 600 Commerce Square	
Charleston, WV 25301	Charleston, WV 25301
OIL & GAS ROYALTY OWNER Stella May & Richard Cunnin	gham coal operator NA
Address West Union, WV(ST.May)	Address
(R. Cunn) Cucamonga, Calif.	
Acresge 19 acre	COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER Glenn Cunningham	Name
Address P. 0. 337	Address
Parsons, WV 26287	
Acreage 19 acre	Name
FIELD SALE (IF MADE) TO:	Address
Name	
Address	COAL LESSEE WITH DECLARATION ON RECORD:
15 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5	Name
OIL & GAS INSPECTOR TO BE NOTIFIED	Address
Name Paul Garrett	
Address 321 Beech Street	SEP 1 7 1979
Clarksburg, WV 622-3871	1. 多重素 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
LIGINOULY, WY VEE TOWN	OIL & GAS DIVISION
The undersigned well operator is entit	C!L & GAS DIVISION led to operate for oil or gas purposes at the above
location under a deed / lease X / other	r contract dated, ->
undersigned well operator from <u>Stella May</u>	
[If said deed, lease, or other contract has been	recorded:]
Recorded on January 30, 19 /9, in the off	ice of the Clerk of the County Commission of <u>Doddridge</u>
County, West Virginia, in <u>Lease</u> Book <u>I</u>	07 at page 376. A permit is requested as follows:
PROPOSED WORK: Drill X / Drill deeper	
_	/ Perforate new formation/
Other physical change in we	11 (specify)
	and an the mercanes side hereof.
	work order on the reverse side hereof.
The above named coal operator, coal ow	mer(s), and coal lessee are hereby notified that any
objection they wish to make or are required to m	make by Code § 22-4-3 must be filed with the Department
of Mines within fifteen (15) days after the rece	sipt of this application by the began made the mailed
Copies of this Permit Application and	the enclosed plat and reclamation plan have been mailed
by registered mail or delivered by hand to the a	above named coal operator, coal owner(s), and coal lessec
	of this Permit Application to the Department of Mines at
Charleston, West Virginia.	
PLEASE SUBMIT COPIES OF ALL	
GEOPHYSICAL LOGS DIRECTLY TO:	
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION	United Operating Company
1615 WASHINGTON STREET EAST CHARLESTON, WV 25311	Well Operator
TELEPHONE: (304) 348-3092	By York of Thy (Jack L. Tritt
TEBLIANCES. (Jos.) 3.0 300	Busident
DIRECT DAM	President
安全的 点点 苦智 发育 在一 数 	and the first of the contract

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

			NOMN)				*******	***************************************	
			_	lddres	3S				
					-				
				1.	Veir	•			
SEOLOGICAL TA							A A.	Patarin Y /	Tahia takin
									Cable tools/
						esh, 60 re			2 702 / 30 /
Approxim	ate co	081 868	ım depti	ns:	147	79 0	OST SETTING HE	HEAT THE ONE STEET	? Yes/ No/
CASING AND TU	BING I	PROGRAM	4						*
CASING OR			FICATION OF THE PROPERTY OF TH			FOOTAGE 1	INTERVALS	CEMENT FILL-UP OR SACKS	PACKERS
TUBIKO TYPE	Size	Grade	Weight per ft	New	Used	For drilling	Left in well	(Cubic feet)	
Conductor					-		200		Kinds
Fresh water	8-5/	8 H	20	X	-	300	300	circulated	
Coal				-	 				Sizes
Intermediate	· .	ļ	ļ	 	 				The second secon
Production	41/5	K	10.5	 X	 	0	2500	1,000'	Depths set
Tubing		<u> </u>		-					
Liners	<u> </u>		<u> </u>	1	-				Perforations:
		1		-	-				Top Botton
	-	 	 		+				
	<u> </u>	<u> </u>	<u> </u>		ــــــــــــــــــــــــــــــــــــــ	1			1
200 f	eet of	requi the p	red by roposed	Code well well	vell, § 22-	the fee requi 4-8a from the	red by Code owner of any uired for fre	3 22-4-12a, and y water well or acturing or stim	avelling vithin
200 f	eet of	requi the p	red by roposed ate For	Code well m IV-	vell, § 22- 2 sho	the fee requi 4-8a from the	red by Code owner of any uired for fre f the work fo	§ 22-4-12a, and y water well or acturing or stim or which a permi	duelling within
200 fe 4here 13 no	eet of A fract ted as	requithe pecparuring	red by roposed ate For or stim	Code well m IV- ulati Form	vell, § 22- 2 sho ng is IV-2	the fee requi 4-8a from the ill not be req to be part o filed in conn	red by Code owner of any uired for fre f the work fo	§ 22-4-12a, and y water well or acturing or stim or which a permi	dwelling within
200 for the real to the real transfer transfer to the real transfer tran	A fract tod as	requithe p separ uring such	red by roposed ate For or stim on the	Code well well well well well well well we	yell, § 22	the fee requi 4-8a from the all not be req to be part o filed in conn	red by Code owner of any uired for fre f the work fo	§ 22-4-12a, and y water well or acturing or stim or which a permi	dwelling within
200 for the state of the state	fract ted as	requithe pecparuring each	red by roposed ate For or stim on the POSTEE accordance	Code I well well will with with with with with with with with	yell, S 22- 2 showing is IV-2 THE	the fee requi 4-8a from the Il not be required to be part of filed in conn WELL SITE hapter 22,	red by Code owner of any uired for fre f the work fo	§ 22-4-12a, and y water well or acturing or stin or which a permi	dwelling within
THIS PERMITAL OF the W.	A fract tod as	requithe p expar exing euch ST BE	red by roposed ate For or stim on the POSTEL accorda localia	Code well well will at it Form AT	z showith C	the fee requi 4-8a from the Il not be req to be part o filed in conn WELL SITE hapter 22, y approved	red by Code owner of any uired for fre f the work fo	§ 22-4-12a, and y water well or acturing or stin or which a permi	dwelling within
THIS PERMITAL OF the W.	fract ted as T MU ns bein	requiting persons of the persons of	red by roposed ate For or stim on the POSTEE accorde locatio	Code well well well well well well well we	yell, § 22- 2 showing is IV-2 THE with Chereby mit showit showing is a second control of the co	the fee requity- 4-8a from the all not be requity to be part of filed in conn WELL SITE hapter 22, y approved all expire if	red by Code owner of any uired for fre f the work fo	§ 22-4-12a, and y water well or acturing or stin or which a permi	dwelling within
THIS PERMITAL OF the W.	fract ted as T MU ns bein	requiting persons of the persons of	red by roposed ate For or stim on the POSTEE accorde locatio	Code well well well well well well well we	yell, § 22- 2 showing is IV-2 THE with Chereby mit showit showing is a second control of the co	the fee requity- 4-8a from the all not be requity to be part of filed in conn WELL SITE hapter 22, y approved all expire if	red by Code owner of any uired for fre f the work fo	§ 22-4-12a, and y water well or acturing or stin or which a permi	dwelling within
THIS PERMI All provision of the W. for opera	fract ted as	requite p expar ex	red by roposed ate For or stim on the POSTEL accordance location. This menced	Code well well well well well well well with the constant of the constant well well well well well well well wel	yell, § 22- 2 showing is in a showing is showing is in a showing is in a showing is in a showing	the fee requity- 4-8a from the all not be requity to be part of filed in conn WELL SITE hapter 22, y approved all expire if	red by Code owner of any uired for fre f the work fo	§ 22-4-12a, and y water well or acturing or stin or which a permi	dwelling within
THIS PERMITAL OF the W.	fract ted as	requite p expar ex	red by roposed ate For or stim on the POSTEL accordance location. This menced	Code well well well well well well well with the constant of the constant well well well well well well well wel	yell, § 22- 2 showing is in a showing is showing is in a showing is in a showing is in a showing	the fee requity- 4-8a from the all not be requity to be part of filed in conn WELL SITE hapter 22, y approved all expire if	red by Code owner of any uired for fre f the work fo	§ 22-4-12a, and y water well or acturing or stin or which a permi	dwelling within