FILE COPY



1) Da	ate: Oct	tober 17,	, 1984	
	perator's ell No	Bubby No.	1	FORM IV-7(8)

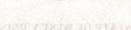
3) API Well No. 47 - 033 - 3120 | Permit

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

				-	I I LICII	HOW TOK A WELL	WORKTERMIN			
4) WELL TY	YPE: A C	Dil VI (1	20/ G	as	X /	HONS (IF ANY)	AND CONDE	DIFFICATIONS	RMIT MO	39 %
	B (If "Gas",	Productio	n	X			/ Deep	_/ Shallow	w _X/)
5) LOCATIO										
	Di	strict:	Clay			_ County: Har	rison	Quadrangle: _	Shinnsto	n 7.5'
6) WELL OI) DESIGNATE			
Addres							Address	The second secon	THE RESERVE OF THE PARTY OF THE	The second secon
				No. of the last of	5301	165			WV 263	01
Section 1985 Section 1985				FIED		100) DRILLING C			
				0 0			Name	Unknown		
Addres					7.0		Address	[5]F	7 -	
		ane Lev		V				- IDIIS	PEN	The state of the s
10) PROPOSI	ED WELL	WORK:						1114 9000	XOU	14 15 INI
								1 100		
			Other p	hysical	change in	well (specify)		(CT 2 21	004
					3450					THE RESERVE OF THE PARTY OF THE
								Oll	L& GAC	D
		The state of the s			The second second		THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN THE PERSON NAM	feet. DFF	OF OF	DIV.
				3,550	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Is coal	being mined in the	area? Yes	1. OF No	INES
CASING OR	H TODI					FOOTAGE INT	PERVALO	II control or the	h	
TUBING TYPE	CI		Weight	1				OR SACKS	PAG	CKERS
Conductor				New			- 1	(Cubic feet)		
Fresh water	1 3/	11 .0			1	10	10		Kinds	
Coal		6.43.3%		14.0						
Intermediate	8-5/8	J-55	23	X		900	900	Circulate -		C. AJEO
Production	4-1/2	J-55	10.5	X	100			Al hear	is all	ME WEN
Tubing						VERSE ONLY	1930 19	La III	- 0	7
Liners					7.79		****	, cong		/
		on riting	dottel dia	conflis	Acres 1	to un unattication di	s tress 2 consists	at the many and the		O Pottom alid
							200		Тор	Bottom
	s stell						stef			
							4 TO 10 TO			
						mi, a allost				es talse ileeA
		7 9 7		10.14	00 1	OFFICE USE ON	NLY			
					J	DRILLING PER	MIT		bar	Wetl work star
ermit number_		47-033	-3120					November		
	100						Tegra		THE RESERVE OF THE PARTY OF THE	
his permit cove	ering the we	ell operato	r and well	locatio	n shown	below is evidence of	permission grante	d to drill in accordan	ce with the n	artinant legal a
uirements subje	ect to the co	onditions c	ontained	nerein a	nd on the	reverse hereof. Notif	ication must be gi	ven to the District Oil	and Gas Insu	ector (Refer to
o. 8) Prior to t	he construc	tion of ros	ads, locati	ons and	pits for a	inv permitted work. I	n addition, the we	ell operator or his con	tractor shall n	otify the proper
	B (If "Gas", Production One Elevation: 1183, 31 Watershed: Muddlick Run County: Harrison County: H									
ne permitted we everse hereof.	ork is as de	Underground storage Deep Shallow X								
ermit expires _		Content of the production of this permit posted at the drilling location. Variety (18 - 20 - 20 - 20 - 20 - 20 - 20 - 20 - 2								
	DOCATION: Elevation: 1883.31 Watershed: Middlick Run District: Clay County, Harrison Quadrangle, Shinnston 7.5' ELL OPERATOR Chesterfield Energy Corporation 7) DESIGNATED AGENT Stanley N. Pickens Address 319-320 Professional Building Clarksburg, W 26301 LL & GAS INSPECTOR TO BE NOTIFIED LL & GAS INSPECTOR TO BE NOTIFIED Stanle Lew, W 26301 LL & GAS INSPECTOR TO BE NOTIFIED STANLE LEW, W 26301 Address Jane Lew, W 26301 Pulsy off old formation Perforate new formation Off physical change in well (specify) COLOGICAL TARGET FORMATION, Speechly Estimated depths of complete well, 3450 Feet; salt, ————————————————————————————————————									
Bond:	Agent		lati	Casin		F			Chickles All	ackir van 10
2	Agent	- 1	lat.	Casin	8 1	ree	- 0			
36	7	> 11	70	m	19	341 7	VI	. 0	1/	LUC BIOLOGY
						/	1 larg	ares)	Xas	20
							Admi	nistrator, Office of O	il and Gas	
OTE: Keep o	ne copy of	this permi	t posted a	t the di	illing loca	ation.				
1104		San t	he reverse	side of	the App	LICANT'S CODY	an Imototi.			File
Pile		See I	ne reverse	side of	the APP	LICANT'S COPY fo	or instructions to i	ne well operator.		

Reason:





OFFICE USE ONLY

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

								atte	
		IT TO DESIGNATED						RATOR	WELLOPI
			OWNE						
	NTRACTOR	9) DRILLING CO	ा १८।		daru	TON 48	TOR TO		8) on & GAS
									Name
se servica	AGRICAL .								
THE WILL		10.4.0						r i raw r	O PROPOSEI
	SALT ADELLARITY	Iliabok A							LIEU ION F (U
11/6		lorate new formation							
							oneso work		
S GAS DIV									
VIO 8A0 -	7040 IO								
一一四月月19月17日	ares Yes White								
								HEULUY	A CASING A
PACKERS	CTATEN LEEL TO		POOTAG				3846		CASING ON P
	(tash slaura)	Hew all fix l	For Brilling	Sec. 1	10.09			still	
KINGS SUPPLIENTER					N.			X 15	
Sinds Single WEA	75 200 80 400	0.0						X 32	lac clemediste reduction
Sinds Some WEA	Els Males	OFFICE	USE ONLY		X			X Z	
sinds Single VER Walnut of Cop Section attenue	20 2020 x 3	OFFICE	USE ONLY						
W. W. of Co.				nd any f	ollow-	up insp	ections.		
10000				nd any f	ollow-	up insp	ections.	X 12	
W. W. of Co.	2(b) is to record the			nd any f	ollow-	up insp	ections.	Date	ne remediate reduction e reduction
W. W. of Co.	2(b) is to record the	dates of certain o		nd any f	ollow-	up insp	ections.		ne remediate reduction e reduction
This part of Form IV-2	2(b) is to record the	dates of certain o	ccurrences ar			up insp	ections.		ne remodistra reduction e reduction
W. W. of Co.	2(b) is to record the	dates of certain o				up insp	ections.		ne remodistra reduction e reduction
This part of Form IV-2	2(b) is to record the	e dates of certain o	ccurrences ar	inspect		up insp	pections.		ne remodistra reduction e reduction
This part of Form IV-2 Application received Well work started	2(b) is to record the	e dates of certain o	ccurrences ar	inspect	ion(s)		pections.	Date	nethonorists of the state of th
This part of Form IV-2 Application received Well work started	2(b) is to record the	e dates of certain o	ccurrences ar	inspect	ion(s)			Date	nethonorists of the state of th
This part of Form IV-2 Application received Well work started Completion of the drill	2(b) is to record the	Date	Follow-up	inspect,	ion(s)		27-033	Date	tage definition of the second
This part of Form IV-2 Application received Well work started Completion of the drill process	ling	e dates of certain o	Follow-up	inspect:	ion(s)	OSTE 4	V7 - 033	Date	critification (a)
This part of Form IV-2 Application received Well work started Completion of the drill process	ling	e dates of certain of Date ALMOS TIMES TO STREET TO STR	Follow-up	inspect	ion(s)	and well and well and well and well and well and all all and all and all and all all all and all all all all all all all all all al	27-033 if operator	Date	tage of the second seco
This part of Form IV-2 Application received Well work started Completion of the drill process Well Record received	ling	e dates of certain of Date ALMOS ALMASIS Contractor practice grants on addition, the week of the grants of the grants on addition, the week of the grants of	Follow-up	inspect	ion(s)	and well and well and being so de force so	in operator additions of the other states of t	Date Date In the weil One of the contract of the perior Inspector	tage of the strict of and gase
This part of Form IV-2 Application received Well work started Completion of the drill process Well Record received	ling	e dates of certain of Date ALMOS ALMASIS Contractor practice grants on addition, the week of the grants of the grants on addition, the week of the grants of	Follow-up	inspect	ion(s)	and well and well and being so de force so	in operator additions of the other states of t	Date Date In the weil One of the contract of the perior Inspector	tage of the strict of and gase
This part of Form IV-2 Application received Well work started Completion of the drill process Well Record received Reclamation completed	ling and the state of the state	e dates of certain of Date A JAC S A LAMA A Confequent masking granted and second and	Follow-up	nwons no and no	ion(s)	and well and the first section and the section and the section and the Motion	SZ-033 diffore etc. sum et con 34 horits	Date Date In the weil One of the contract of the perior Inspector	critici on and gas critici on and gas strict on and gas the permitted work the permitted work the permitt
This part of Form IV-2 Application received Well work started Completion of the drill process Well Record received	ling and the state of the state	e dates of certain of Date A JAC S A LAMA A Confequent masking granted and second and	Follow-up	inspect	ion(s)	and well and the first section and the section and the section and the Motion	SZ-033 diffore etc. sum et con 34 horits	Date Date In the weil One of the contract of the perior Inspector	tage of the strict of and gase
Application received Well work started Completion of the drill process Well Record received Reclamation completed	ling sometimes and the or is no full territoric or it nos sometimes and no rota rego it libra enontrollinom years or quantitation to	e dates of certain of Date A JAC S A LAMA A Confequent masking granted and second and	Follow-up	nwons no ant no had a not sin a no sin	ion(s)	and well and the first section and the section and the section and the Motion	SZ-033 diffore etc. sum et con 34 horits	Date Date In the weil One of the contract of the perior Inspector	critici on and gas critici on and gas strict on and gas the permitted work the permitted work the permitt
This part of Form IV-2 Application received Well work started Completion of the drill process Well Record received Reclamation completed	ling sometimes and the or is no full territoric or it nos sometimes and no rota rego it libra enontrollinom years or quantitation to	e dates of certain of Date A JAC S A LAMA A Confequent masking granted and second and	Follow-up	nwone no name of the part and t	ion(s)	and well and the first section and the section and the section and the Motion	F - 0.3.3 additions of the 24 horids of the 34 horids with the 34 horids of the 34 horids o	Date Date In the weil One of the contract of the perior Inspector	critici on and gas critici on and gas strict on and gas the permitted work the permitted work the permitt

See the reverse side of the APPERCANT'S CORN for instructions to the well-operator.

SURFACE OWNER'S COPY



3)	API Well No.	47 State	County	Darmit
	Well No	BUDDY	#1 W	611
2)	Operator's	Fig. starts	214 11	11
1)	Date:	muci i	72	, 19

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

4) WELL TY	PE: A				XX	/ 11-1					
5) LOCATIO		evation: _	Production	.31	1	/ Undergrown Watershe		age NUGIICK	Run Deep	/ Shallow	/)
J) LOCATIO		strict:	Clay			_ County:	HOL	rison	Quadrangle: _	Shinnsto	M 7.5'
6) WELL OI	PERATOR	uneste	rrielo	the	rgy L	orp.	7)	DESIGNATE	DAGENT		Keris
Addres	s <u>220</u>	PIUIS	2210 B	1 DU	LIUIII	9		Address	SZU Protess	10091 RII	10109
	<u> </u>	INOLAH	3> NY	233	UI .				Utal Natali 9,	ny ZUJU	1
	AS INSPEC	TOR TO	BE NOTIF	IED			9)		ONTRACTOR:		
Name	Rt	, #2,	50x 25	2-D				Name			
Addres	· Ja	ne Lew	, WV	2037	8			Address			
10) PROPOS	ED WELL	WORK:	Drill_	X	/ Dril	l deeper	,	Redrill	/ Stimulate	,	
io, ricoros				old f				new formation			
			Other ph	ysical	change	in well (specify)				
11) GEOLOG											
	ated depth				27		_feet	promotion to the second			
13) Appr	oximate tra	ta depths:	Fresh,	53	1. 50	feet;	salt,		feet.		
14) Appr 15) CASING	oximate coa	ll seam dep	oths:	, ,,,	W. 7 20		_Is coal be	eing mined in the	e area? Yes	/ No_	
CASING OR	AND TUB		CIFICATIONS			ll FOOT	AGE INTE	DVAIS	1 CEMENT FILL-UP	PACI	Lamina and
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	1	Left in well	OR SACKS (Cubic feet)		Tony page
Conductor	11 3/4	HAU	42	- Inch	A	10'		10	(Cubic feet)	Kinds	
Fresh water										" 180 <	ं (रश
Coal										Sizes	o Guel
Intermediate	10 b/0	いか	25	X		900		90 -	Circulate	S	Caral
Production	4 1/4	J+30	10.5	٨				3450		Depths set	
Tubing										- S +	
Liners	Charles arms	The same	THE	1						Perforations:	
		and bear	11711	11						Тор	Bottom
1	S amount		3								- CONTRACTOR OF THE PARTY OF TH
434	NOV	2 MA	0.4	KELD							
	IN 6 A	4-d 18	84								
									be issued in less than untary Statement of N		
						f the Application		Tollowing voi	untary Statement of N	No Objection	
D			MINE	5							
				VO	LUNTA	RY STATEME	NT OF N	O OBJECTION	N		
I hereby sta	ite that I ha	ve read the	e instruction	ns to su	irface ov	vners on the rev	erse side	of this Applicat	ion for a Well Work I	Permit, and that	I have received
									Well Work Permit on		
									rk on my surface land no objection to a peri		
materials.	are that I m	ere no coj.	otion to the	Pittin				idio, diid i iidio	no objection to a peri	imi being issued	oused on those
Œ			bi				(For and				
(For execution	by corporat	ion, partn	ersnip, etc.)			(For exe	cution by natur	al persons)		, ,
NAME:							1	2 1/	1/Milde	Dat	11/15/24
Ву							_	(Signature)	Date	. 4/1-/37
										Date	e:
Its _				D	ate			(Signature)		
								NOTE	OVER		

Surface Owner

Reverse

3) API Well No. 47



SURFACE OWNER'S COPE

STATE OF WEST VIRGINIA

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.

Other physical change in well (specify) : noitemental lanoitible night of the stream o

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 hazard to the safety of persons to the
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or any abstract aft it not policy and it is guilful add
- "(3) Damage would occur to publicly owned lands or resources; or notisolidad and to you strength so all this stiff to all misses is no
- "(4) The proposed well work fails to protect fresh water sources or supplies."

 NOTOTION OF THE PROPOSED AND THE PROPOSED AND

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

M'S HOSSEY (2000) (For execution by natural persons) (For execution by natural persons) (AMR. CAUN AND I MET AT THE SITE ON 11/14/84. WELL SIGNALIAN (Signature) (Signature) (Signature) (AMR. CAUN WAS DISCUSSE AND ALTERNATE LOCATION WAS APPROVED BY ME. CONSIDERATION APPROVED BY BOTH.

Man Millin Surface Owner

FORM IV-2(A) Obverse [8-83]

1) Date: October 19, ,19 84 2) Operator's

Well No.

Bubby #1 Well

3) API Well No. 47-033-3/20 State County Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OFFICE OF OIL & GAS

TOTAL PROPERTY OF THE PROPERTY	NOTICE	OF	APPLICATION	FOR	A	WELL	WORK	PERMIT
--	--------	----	-------------	-----	---	------	------	--------

			NOTICE OF	APPLICATION	FOR A WELL	WORK PERMIT	
			(S) OF RECORD TO	BE SERVED) COAL OPERATOR	
(1)	Name C	lay	Development	Co.		Address	
	Address	P	. 0. Box 386		=		
		S	hinnston, WV	26431	5(11)) COAL OWNER(S) WITH DECLARATION	N ON RI
(11)	Name					Name	
	Address					Address	
(iii)	Name					Name	
	Address		74 7 7 7 7			Address	
	_						
	_				5(iii)	COAL LESSEE WITH DECLARATION C	
					(Name	N RECC
						Address	
						Address	
		T	O THE PERSON(S) NAMED A	ABOVE: You should	i have received th	his Form and the following documents:	
			(1) THE ADDITICATION	lor a Well Work	Pormit on Form T	7.3(m) (=	
			and describes t cementing progr (2) The plat (surve (3) The Construction	the well and its lam; eyor's map) showing and Reclamation	coation and, if a	applicable, the proposed casing and con on Form IV-6; and	
			reclamation for	the site and acc	plan for erosion	and sediment control and for	
				and acc	ess road.		
		WI (I	HICH ARE SUMMARIZED IN FORM IV-2(B) OR FORM 4, TION AT ALL.	THE "INSTRUCTIONS DESIGNATED FOR Y	NTS IS THAT YOU H " ON THE REVERSE OU. HOWEVER, YOU	AVE RIGHTS RECARDING THE APPLICATION SIDE OF THE COPY OF THE APPLICATION ARE NOT REQUIRED TO TAKE ANY	
		ar Co by	or a Well Work Permit was partment of Mines, with addepicted on attached instruction and Reclama	ith the Administration respect to a well Form IV-6. Copie tion Plan have been appeared about the company of the	ator of the Office ll at the location es of this Notice, en mailed by regis	a Code, the undersigned well op- cation and accompanying documents e of Oil and Gas, West Virginia in described on attached Application , the Application, the plat, and the stered or certified mail or delivered certain circumstances)	
		6)	EXTRACTION RIGHTS			IN LOCAL CO.	DILL
			Check and provide one	of the following.		Marie Control of the	
			included is the lea	se or leases or o	ther matinging	contract or contracts by which OCT 2 3 1984	
			The requirement of	to extract oil o	r gas.	ee reverse side for specific OLL & GAS DI	
		- 121	The reduitment of	Code 22-4-1-(c) (1) through (4). (S	ee reverse side for specifics of CAC DI	V
			or other contract or o	ontracts providing	ket the oil or gas g for flat well n	s based upon a lease or leas EPT. OF MIN oyalty or any similar provision	ES .
				above is No noth		needed. If the answer is Yes,	
			Reclamation Plan.		instructions, and and Application, p	d for instructions concerning	
The t	ruth of	the	information on	the	TATEST T		
Notic	e and Apr	plic	cation is verifi	i ed	WELL	man Charterfield France	
and s	worn to	and	the Notice is		OPERA	TOR Chesterfield Energy Corpora	ation
	_	-				1/4	

signed on behalf of the Well Operator in my County and State by Stanley N. Pickens this 19 day of October 19 84. My commission expires Henda Shammond

Notary Public, Harrison County, State of West Virginia

Professional Building Address Telephone

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
 - 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-lb(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
 - 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
 - 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
 - 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-lk and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-lk(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-lm, 22-4-2a, and 22-4-2b.

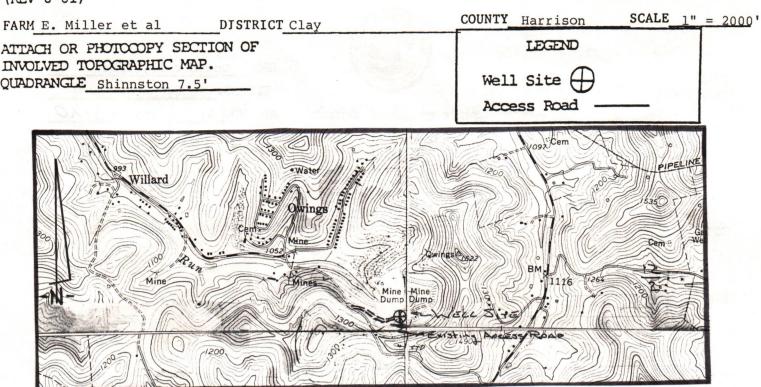
INFORMATION SUPPLIED UNDER CODE § 22-4-11(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

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:

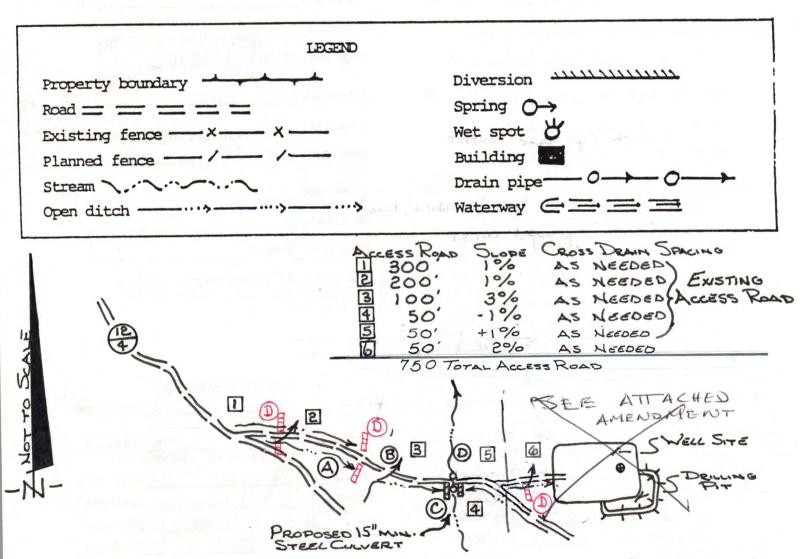
Grantor, le	essor, etc.	Grantee,	lessee.	etc.	Rovaltv	Book Page

Startley N. Jections



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.

WELL SITE PLAN



Comments: Access to the well site will be gained by upgrading as needed 700 feet of existing access road and 50 feet of new access road, beginning at a junction point in the Harrison County Route 12/4. The access road will be sloped at 2-3% towards the open ditch. All outlets of drainage structures and ditches will be to stable areas. The well location will be located in a flat cleared area. All brush and timber will be removed from the area to be disturbed prior to any earth moving activities. The road and well site will be brought to desired grade with erosion control structures being installed in conjunction with the grading. Natural vegetation (filter strip) will remain undisturbed in areas between construction and natural water courses. Topsoi will be stockpiled for use in reclamation work.



IV-9 (Rev 8-81)

Recd. (WFSCD)

OCT 17 1984

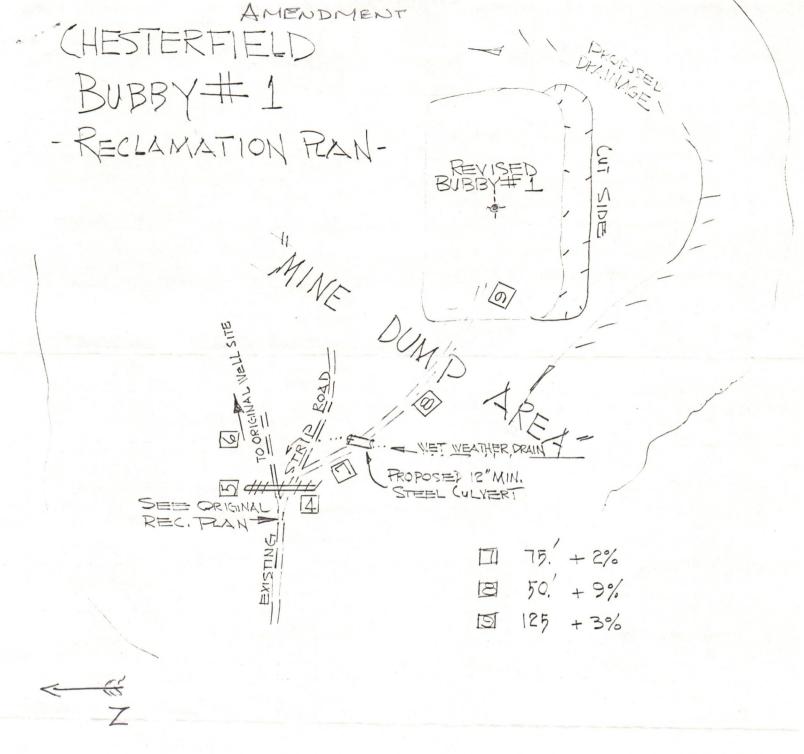
DATE October 15, 1984
WELL NO. Bubby No. 1

API NO. 47 - 033

State of Mest Nirginia Pepartment of Mines Gil und Gas Pivision

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Chesterfield Energy Corporation	
Address Clarksburg, WV 26301	319-320 Professional Bldg. Address Clarksburg, WV 26301
Telephone (304) 623-5467	Telephone (304) 623-5467
LANDOWNER Clay Development	SOIL CONS. DISTRICT West Fork
Revegetation to be carried out by Stanley	N. Pickens (Agent)
This plan has been reviewed by West For	k SCD. All corrections
and additions become a part of this plan:	10 22 84
HIS REVIEW IS MADE FOR SITE AS SHOWN, A HANGE OF ELEVATION OF PLUS OR MINUS 10 FT. R SLOPE OF PLUS OR MINUS 3 PERCENT MAKES HIS PLAN NOT ACCEPTABLE TO WESCD.	(SCD Agent)
ACCESS ROAD	LOCATION
Structure Drainage Ditch (A) Along Access Road	Structiure (1)
Spacing . Inside Road Cuts	Material
Page Ref. Manual 2-12 to 2-14	Page Ref. Manual CEIVEN
Structure Cross Drains (B)	Structure
Spacing As Noted On Sketch	Material OU CAS DU
Page Ref. Manual 2-1 to 2-6	Page Ref. Margual DEPT. OF MINES
Structure Culvert (C)	Structure (3)
Spacing 15" Min. Steel Culvert	mins) Material
Page Ref. Manual 2-7 to 2411	Page Ref. Manual
All structures should be inspected regularly commercial timber is to be cut and stacked and cut and removed from the site before dirt work Structure Sediment Barrier (D) Material Hay or Straw Bales Staked EVECTATION (D) Page Ref. Manual 2-16	id all brush and small timber to be k begins.
Treatment Area I	Treatment Area II
XLime 3.0 Tons/acre	₹Lime 3.0 Tons/acre
or correct to pH 6.5 Fertilizer 600 lbs/acre	or correct to pH 6.5
(10-20-20 or equivalent)	Fertilizer 600 lbs/acre (10-20-20 or equivalent)
Mulch Hay or straw 2.0 Tons/acre	Mulch Hay or straw 2.0 Tons/acre
Seed* Ky 31 Tall Fescue 40 lbs/acre	Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre	Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre	Dom Rye Grass 10 lbs/acre
*Inoculate all legumes such as vetch, trefoil Inoculate with 3X recommended amount. Thime according to ph test.	and clovers with the proper bacterium.
	EFARED BY MSES Consultants
cooperation to protect new	ADDRESS 609 West Main Street
seedling for one growing season. Attach separate sheets as	Clarksburg, WV 26301
necessom: for community	17 NO 304-624 0700 042 2225





OIL & GAS DIVISION
DEPT. OF MINES

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

Balltown

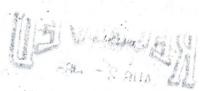
5,000# 80/100; 30,000# 20/40 465 BBLS Water

Speechley

5,000# 80/100; 30,000# 20/40 453 BBLS Water

Fifth Sand

5,000# 80/100; 45,000# 20/40 560 BBLS Water



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fres and salt water, coal, oil and ga
Fill Shale Sand & Shale Sand & Shale Sand & Shale Sand & Shale Sand Red Rock & Shale Big Lime Injun Sand & Shale Fifty Foot Sand & Shale Fourth Sand Shale Fifth Sand Sand & Shale Speechley Sand & Shale Balltown Sand & Shale TD	0 75 105 236 267 373 635 948 1515 1580 1690 2080 2130 2480 2540 2605 2605 3330 3640 3870 4110	75 105 236 267 373 635 948 1515 1580 1690 2080 2130 2480 2540 2605 2655 3330 3640 3870 4110	Gas Ck a 1491' No Show Gas Ck a 1613' 2/10-1" w/w Gas Ck a 3310' 28/10-1" w/w Gas Ck a TD 10/10-1" w/w

(Attach separate sheets as necessary)

Chesterfield Energy Corporatio

Date:

August 1, 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 enal, encountered in the drilling of a well."



IV-35 (Rev 8-81)



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY State of Mest Birginia

Bepartment of Mines Gil und Gas Bivision

Date	Augu	st 1,	198	5	
Opera	ator's				
Well	No.	Bubby	#1	Wel	1
Farm			1		
ADT A	1- 47	0.	22		2400

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

LOCATION: Elevation: 1183.31' Watershed	Mudlick	Run		
District: Clay County Harr	ison	Quadrangl	e Shinns	ton 7.5'
COMPANY_Chesterfield Energy Corporation				
ADDRESS 320 Professional Building, Clarksburg, W 26301 DESIGNATED AGENT Stanley N. Pickens, President	Casing Tubing	Used in Drilling		Cement fill up Cu. ft.
ADDRESS 30 Professional Building, Clarksburg, W 26301 SURFACE OWNER Clay Development	Size 20-16 Cond.			
MINERAL RIGHTS OWNER Frank L. Ferrari, et al	Cond. 11 3/4 1880/18			
ADDRESS 1524 Franklin Ave., Clarksburg, WV 26301 OIL AND GAS INSPECTOR FOR THIS WORK Stephen Rt. #2, Box 232-D Casey ADDRESS Jane Lew, WV 26378	8 5/8		917′	250 sks
PERMIT ISSUED November 27, 1984 DRILLING COMMENCED July 23, 1985	5 1/2 4 1/2 3		3945′	415 sks
DRILLING COMPLETED July 27, 1985 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	2 Liners used			
		Dept		fee
Water strata depth: Fresh 85' feet; Coal seam depths: None		feet being mine	ed in the	area?
PEN FLOW DATA Producing formation Balltown Gas: Initial open flow 87 Mcf/d	Pay	zone dept tial open	h <u>3640'-3</u> flow_	870' fee Bb l/ d
Final open flow 350 Mcf/d Time of open flow between initial Static rock pressure 650 psig(surface)	al and fi		hou	irs
(If applicable due to multiple completion- Second producing formation Speechley	-)	et .		
Gas: Initial open flow Mcf/d (_Commingled with first stage	Dil: Ini	tial open	flow	350'_feet Bbl/c Bbl/c
Time of open flow between initial Static rock pressure psig(surface r	al and fin measuremen	nal tests_	hou	ırs
Third Pro. Form. <u>Fifth Sand</u> Pay Zone <u>2605'-26</u>	CEL /	and the same of th	7	

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

Permit No. 33 -3120			Oil or	Gas Well	
Company Chesterfield	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACI	CERS
Address	Size				
Farm Clay Devel-	16			Kind of Pac	ker
Well No. Bubby!	10			Size of	
District Clay County Have	81/4				
Drilling commenced 7-23-85	6%			_ Depth set_	
Drilling completedTotal depth	3			Perf. top	
Date shotDepth of shot	2			Perf. bottor	
Initial open flow/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing/10ths Merc. inInch		-	1 0	Perf. botton	25
VolumeCu. Ft.	CASING CEME	NTED 3/4	3 SIZE	Z _{No.} FT.	Date
Rock pressurelbshrs.	NAME OF SER		The same of the sa	Dowell	0
Oilbbls., 1st 24 hrs.	COAL WAS EN	on old.S	AT	FEET	INCHES
Fresh water 55 feet feet	FEET_	INCH	ES	FEET	INCHES
Salt water <u>feet</u> <u>feet</u>	FEET_	INCH	ES	_FEET	INCHES
Drillers' Names UDI //				ğ	
Remarks: dr. at 2536					

7-26-85

5/ele Casey

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY			ADDRESS	31.7		
FARM						
Filling Material Used			7	J to del	110	
Liner L	ocation	Amount	Packer	Location		
PLUGS USED	AND DEPTH PLACED		BRIDGES	-	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
			6. 1/1.			
			The state of the s		1332	
,						•
					- Office and a second	
	. Illinoise and a second and a					
						-
						-
75.353						
rillers' Names						
			-	The second secon	the same of the sa	
emarks:						-
	I homehor madden V	-14-3-411	well on this date.			



State of West Virginia

Department of Energy Oil and Gas Division Charleston 25311



DIVISION OF OIL & GAS
DEPT. OF ENERGY

Director, Division of Oil & Gas

DATE

October 31, 1985

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT August 7, 1985

COMPANY Chesterfield Energy Corporation	PERMIT NO	03	3-3120	(11-27	-84)
320 Professional Building	FARM & WELI	L NO	Clay D	ev. Co.,	Bubby #1
Clarksburg, West Virginia 26301	DIST. & COU	NTY	Clay/H	arrison	
		IN	COMPLI	ANCE	
RULE DESCRIPTION		(YES	3)	NO	
23.06 Notification Prior to Starting Work					
25.04 Prepared before Drilling to Prevent	Waste				
25.03 High-Pressure Drilling					
16.01 Required Permits at Wellsite					
15.03 Adequate Fresh Water Casing					
15.02 Adequate Coal Casing			:		
15.01 Adequate Production Casing					
15.04 Adequate Cement Strength					
15.05 Cement Type					
23.02 Maintained Access Roads					
25.01 Necessary Equipment to Prevent Waste	е	-			
23.04 Reclaimed Drilling Pits					
23.05 No Surface or Underground Pollution				-	
23.07 Requirements for Production & Gather	ring Pipelines				
16.01 Well Records on Site					
16.02 Well Records Filed					-
7.05 Identification Markings					
I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND	D RECOMMEND TH	AT' I	T BE RE	LEASED:	
	SIGNED _	Slee	re Ca	Jey	
		/			
	DATE	10-	22.8	5	
				T	nd an a a
Your well record was received and reclamation with Chapter 22, Article 4, Section 2, the accoverage for the life of the well.					dance

TMS/nw

BOOK1142 PLGE 572	22/	1	/	
IHIS AGREEMENT, made and entered into this	isday o	f Augi	ust	, 19
by and between Leon F. Wilson a	and Thelma Wilson, hi	s wife		
				,
ereinafter called lessors, whether one o	or more, and CHESTERFIELD ENF	RCY CORPORATION	Suite 320 Profession	mal Ruilding
outh Third Street, Clarksburg, West Virg			, 54110 520, 110103310	nar barrang,
WITNESSETH, that Lessors, for and in receipt of which is hereby acknowledged, baid, kept and performed, have granted, counto Lessee, for the exclusive possession and operating for, producing and marketing and all other related products, including equipment thereon to take care of such products.	and of covenants and agreement demised, leased and let and by m and use of himself, his heing oil and gas, natural gasol	One Dollar (\$1. hts hereinafter these presents rs, successors ine, casing hea	contained on the parts do grant, demise, less or assigns, for the pud gas, condensate, rel	of Lessee to base and let urpose of explorated hydrocarbo
cel of land situate in Clay				
aters of <u>Mudlick Run</u>	, and bounded substantiall	y by lands now	or formerly owned as	follows:
orthClay Development Co. (Henr	ry L. Janes) East C.	lay Develop	ment Co. (G. W.	Stewart)
South Seese	West R	oute 12/4 a	nd McIntyre	
containing forty-four therefrom all land within two hundred feet by either party except by mutual consent. It is agreed that this lease shall a secontaining and as long thereafter as ope actural gas or related products. "Operat equipment is placed on the leased premise chereon which is necessary for such operat in consideration of the Premises, leading the premises, successors, or assigns, free of cost, a re produced and saved from the leased premise successors, or assigns, free of cost, a re produced and saved from the leased premise successors, or assigns, free of cost, a re produced and saved from the leased premise successors, or assigns, free of cost, a re produced and saved from the leased premise successors, or assigns, free of cost, a re produced and saved from the leased premise successors, or assigns, free of cost, a re produced and saved from the leased premise successors, or assigns, free of cost, a re produced and saved from the leased premise successors, or assigns, free of cost, a re produced and saved from the leased premise successors, or assigns, free of cost, a re produced and saved from the leased premise successors, or assigns, free of cost, a re produced and saved from the party of the fire for said money from the sale of said produced their predecessors in title or otherwise, reason of any royalty or interest in said heir predecessors in title or otherwise, respectively and rentals above provided to b lessee shall have the right to pool so to form a drilling unit or pool not to so form a drilling unit or pool not to so form a drilling unit or pool not to so form a drilling unit or pool not to so form a drilling unit or pool not to so form a drilling unit or pool not to so form a drilling unit or pool not to so form a drilling unit or pool not to so form a drilling unit or pool not to so form a drilling unit or pool not to so form a drilling unit or pool not to so form a drilling unit or pool not to so form a drilling unit or pool not to so form a drilling unit or pool not to so form a dr	remain in force for a term of erations are conducted on saitions" as used herein, shall bes, or when the first work, or ations. essee covenants and agrees: It royalty equaling their proporties; 2nd - to pay their proporties; 2nd - to pay their proporties; 2nd - to pay their proporties; 3rd - to pay "shut-in" and payments to be more than their sor assistants; 3rd - to pay "shut-in" and per well per year, for each sees for thirty (30) days or more being produced in paying qual event to increase the rate of doil or gas that may have been and any such outstanding roy be paid or delivered. For unitize the leased acreage, and any such outstanding roy be paid or delivered. For unitize the leased acreage, and any such outstanding roy be paid or delivered. For unitize the leased premises, and set of the proportion that Lessor's a part of the leased premises, as as a part of the leased premises, as a part of the leased premises, and set of the proportion that Lessor does all land; or, if Lessor does a part of the leased premises, and set of the proposition of the parties owning the proposition of the parties of the soor, allow the parties of the soor and set of the above stated and a gas so taken and used shall be seee, and Lessee shall not be lessee, and Lessee shall not be lessee, and Lessee shall not be lessee, and lessee of failure all wells so as to interfere of land; and it is agreed the uch parts as are used by Lesse.	18 month de land by Lesse de deemed to be ther than survey st - to deliver tionate share or the producing re beyond the dentities. Said gas well in the retofore so alty or interest or tionate share or the said gas well or the lessor rest or to the latter of the lessor rest or to the latter or the said domestic gas affected. Said gas shall domestic gas affected use of said surface de said domestic gas affected to the held liable for the supply the said the leased product the leased product in operating the tion operating the the surply the said the leased product to the leased product to the leased product the lease product the leased product the leased product the lease	in search for on phe compenced when the six compenced when the second part, the checker monthly within ten of a date that royalty of gas only when the gas esignated pay period, payments or said royald, reserved or convert shall first be deduced to the search of said surface, late use said 200,000 cuall be taken and used so user shall furnish a me. Lessee shall provided the search of said surface, late use, operation and of gas for said domes possible with the culturemises may be fully a hereunder.	interestible to the control of all oil of the value at and used off the control of the control o
ive and OO/100 Dollars per ac	re per year (\$) Dollars	
advance, beginning 60 days after the re e leased premises. Any rental paid for all cease after the surrender of this le de by check payable and mailed as follow	eceipt of 100% interest, but n time beyond that date shall be ease as hereinafter provided to	not after the da	ate am oil or gas well	is drilled upo
eon F. Wilson	S.S.	No. 23	4-09-6025	
700 Stealey Avenue				
Clarksburg, W 26301				

It is agreed that Lessee is to have the privilege of using sufficient water and gas from said premises to rum all machinery necessary for drilling and operating, and all rights of way necessary to develop the premises or remove equipment, etc., and at any time during or after expiration of this lease to remove all machinery, casing, tubing, fixtures and equipment placed on said premises; and further, upon the payment of \$1.00 by Lessee, his heirs, successors or assigns to Lessors, their heirs, successors or assigns, said Lessee, his heirs, successors or assigns to Lessors, lease for cancellation, after which all payments and liabilities, thereafter to accrue under and by virtue of its terms shall cease and terminate, and this lease shall become absolutely null and void.

Lessors agree that the recordation of a deed of surrender in the proper county, and the mailing in the post office of a check, payable as above provided, for said last mentioned sum and all amounts then due hereunder by Lessee, shall be a full surrender and termination of this lease.

All provisions of this lease shall be hinding upon the hair amounts the development and the mailing in the post office of the provisions of this lease shall be hinding upon the hair amounts then due hereunder by Lessee, shall be a

101.

All provisions of this lease shall be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto.

BOOK1142 PAGE 573

Witness:			
mi diess.	P	117 11/0000	(Seal)
	2/2	eon F. Wilson	
	- her	helma Wilson	(Sea1)
			(Seal)
TATE OF PARCISON to wit:			
COUNTY OF HARRISON to wit:	(-1-1-)	WG = 1/2000	
I. SAMUEI J. CANN a notary public of the sa	aid (county) of	West Virginia	do certify
hatLeon F. Wilson and Thelma Wilson, his			
7	5rd	August	. 19_84
whose name S are signed to the writing above bearing date 2	day of	nogusi	. 19_04_
a VE this day acknowledged the same before me in my said county. Given under my hand this 37-d day of August	, 1984		
My commission expires 11-23-91		Junely.	land
,		Notary Public	
ihis	ומנים ביבי אים	o presented to the Clerk of the Cou	1fr
	and a solid	o proceeded to the Clerk of the Courts County, West Virginia, on /6-/	11-54
¥ 44.	197	mitted to record.	1 8/
STATE OF CONTRACTOR OF CONTRAC	Whenk	f. Marcuell for Cle Harrison County Commission	ark
COUNTY OFto wit:	(stata)	Harrison County O	71 F
I. a notary public of the s.	aid (county) of _	Mattison County Commission	do certif
hat			
——————————————————————————————————————			
whose name signed to the writing above bearing date	day of		, 19
hathis day acknowledged the same before me in my said county.			
Given under my hand thisday of	, 19		
My commission expires		Notary Public	
STATE OF 0. 7			
COUNTY OFto wit:	(-4-4-)		
I, a notary public of the sa	(state) aid (county) of _		do certif
I, a notary public of the s	(state) aid (county) of _		do certif
I,			
I, a notary public of the schaff a notary public of the schaff a notary public of the schaff signed to the writing above bearing date			
I a notary public of the schat signed to the writing above bearing date this day acknowledged the same before me in my said county.	day of		
I, a notary public of the schat signed to the writing above bearing date this day acknowledged the same before me in my said county. Given under my hand this day of	day of		
I a notary public of the schat signed to the writing above bearing date this day acknowledged the same before me in my said county.	day of		
I, a notary public of the schat signed to the writing above bearing date this day acknowledged the same before me in my said county. Given under my hand this day of	day of	Notery Public	
I, a notary public of the schat signed to the writing above bearing date this day acknowledged the same before me in my said county. Given under my hand this day of	day of	SOED 17	
I, a notary public of the schat signed to the writing above bearing date this day acknowledged the same before me in my said county. Given under my hand this day of	day of	Notery Public	
I, a notary public of the schat signed to the writing above bearing date this day acknowledged the same before me in my said county. Given under my hand this day of My commission expires	day of	Notery Public	
I, a notary public of the schat signed to the writing above bearing date this day acknowledged the same before me in my said county. Given under my hand this day of My commission expires	day of	Notery Public	19
I, a notary public of the schat signed to the writing above bearing date this day acknowledged the same before me in my said county. Given under my hand this day of My commission expires	day of	Notery Public	19
I,	day of	Notes Public	19
I, a notary public of the schat anotary public of the schat signed to the writing above bearing date this day acknowledged the same before me in my said county. Given under my hand this day of My commission expires STATE OF to wit: I, a notary public of the schat a notary public of the schat and an otary public of the schat	day of, 19	Noter Public	do certif
I, a notary public of the schat	day of, 19	Noter Public	do certif
I,	day of	Noter Public	do certif
whose name signed to the writing above bearing date this day acknowledged the same before me in my said county. Given under my hand this day of My commission expires	day of	Noter Public	do certif

ROOK 1140 PAGE 790

Oil and Gas Lease

y and between _ Frank L. Ferrari a	and Nancy Fer	rari. H	nis wife		
ereinafter called Lessors, whether one or more	e and CHESTEREIEI D. E.	VEDCY CODDO	DATION Cuito 32	O. Don fossion	al Puilding
outh Third Street, Clarksburg, West Virginia 2				J, Professiona	ii building,
WITNESSETH, that Lessors, for and in consistent of which is hereby acknowledged, and of aid, kept and performed, have granted, demised noto Lessee, for the exclusive possession and and operating for, producing and marketing oil all other related products, including the aquipment thereon to take care of such products	f covenants and agreed d, leased and let and use of himself, his h and gas, natural gas	ments herein by these preirs, successoline, casin	nafter contained resents do grant ssors or assigns ng head gas, con	on the part of demise, leas , for the pur densate, rela	of Lessee to be e and let pose of exploring ted hydrocarbons
quipment thereon to take care of such products	District,	Hari	rison	County, West	Virginia, on th ϵ
aters ofMudlick Run, ar	nd bounded substantia	lly by land	s now or formerl	y owned as fo	llows:
orth <u>Clay Development Co.</u> (Hen					
outh <u>Seese</u>	West	Route 1	2/4 and McI	ntyre	
entaining forty-four erefrom all land within two hundred feet of the either party except by mutual consent.	(44) acres m	ore or less exc	enting and re	serving however
It is agreed that this lease shall remain acquired and as long thereafter as operations turnal gas or related products. "Operations" uipment is placed on the leased premises, or ereon which is necessary for such operations.	in force for a term on a reconstructed on sa as used herein, shall when the first work,	of 18 mon aid land by I be deemed other than	Lessee in search to be commenced surveying or st	from the date h for or produ when the firs aking the loca	100% interest uction of oil, st material or ation, is done
In consideration of the Premises, Lessee of cosessors, or assigns, free of cost, a royalty oduced and saved from the leased premises; 2n 11 of the gas from each and every gas well dremises; said gas to be measured by meters and ported address, to the party of the first parsaid money from the sale of said products; 3 as hereinabove provided, based on \$300 per visual sold, marketed or used off the premises for ment it will be considered that gas is being Lessee shall not be required in any event asson of any royalty or interest in said oil of the premises for a said in the products and rentals above provided to be paid Lessee shall have the right to pool or unit to form a drilling unit or pool not to exceed mations deeper than 6000 feet. Operations up deemed to have occurred upon the demised premise in the pooled area an amount equal to the property of	nd - to pay their proprilled on said premises I said payments to be their heirs or assord - to pay "shut-in" well per year, for ear thirty (30) days or a produced in paying of to increase the rate or gas that may have be my such outstanding my or delivered. The title the leased acreage mises. Lessor shall apportion that Lessor's for the leased premises, land; or, if Lessor deallow the parties owning house only on said lass and appliances, and and pipeline for this leased premises, or of the above stated as taken and used shall and the said used shall a	made by par signs, and par royalty, of the production of said gas een heretoff or all productions shail as acreage plant, then lessed the said domest as a lessed the safe uses a lessed the safe uses and libe subject the production of the said gas and domest as a lessed the safe use and libe subject the production of the safe use	well payments of one sold, reserventerest shall fire part or parts the payrolate for minaced in the pool or reserves the any part of sair face to use sair gas shall be taken of same. Lessee by one calendar yet to the use, of the total payrolate of the part o	th (1/8) part th (1/8) of the thin (1/8) of the thin ten day troyalty other when the gas pay period, a part and for conveyers the deductive ereof, with or control to take district to take distr	of all oil the value at the dused off the mailed to last vs of the receiperwise would be from such well ind upon such y of oil by d by Lessors or ed from the ther tracts so cres for ree gas, shall ed and marketed to the total 200,000 cubic see may, at ic feet of gas holly at user's d install, at de a connection see's pipeline paid for by the right of
of such gas, nor shall lessee be liable for Lessee covenants and agrees to locate all whereinabove described tract or parcel of lan essors for farming purposes, except such par Lessee covenants and agrees to pay to the L	any shortage or failusells so as to interfed; and it is agreed to the as are used by Les	are in the stree as little hat the lead see in oper	supply of gas for e.e. as possible wi used premises may rating hereunder.	r said domesti ith the cultive be fully and	ge caused by the ic use. Vated portion of it freely used
ive and OO/10O Dollars per acre p	per year (\$		10	Dollare	
ive and OO/100 Dollars per acre padvance, beginning 60 days after the receipt leased premises. Any rontal paid for time but cease after the surrender of this lease as by check payable and mailed as follows:	DATE FLFN of 100% interest, but every that date shall hereinafter provided	not after be credite for. All	the date an oil dumpon the first payments by Less	or gas well i royalty due, ee hereinunde	s drilled upon and all rental: r shall be
TANK L. FETTATI SSEE SHALL NOT BE RESPONSIBLE FOR THE STATE OF THE PROVIDED BY THE TERMS OF REGISTERED MAIL BY THE RESSOR AND THE DAY LESS AND THE MENT IN FULL WITHIN THE SAID MENT IN FULL, THIS REASE SHALL DEC	sor all movies d	+ of pay	MENT. LESS	REMAIN IN	HAVE GO do
	PME NULL AND	voib.	TIKING		

It is agreed that Lessee is to have the privilege of using sufficient water and gas from said premises to rum all machinery necessary for drilling and operating, and all rights of way necessary to develop the premises or remove equipment, ment placed on said premises; and further, upon the payment of \$1.00 by Lessee, his heirs, successors or assigns to Lessors, lease for cancellation, after which all payments and liabilities, thereafter to accrue under and by virtue of its terms lessors agree that the recordation of a deed of surrender in the proper county, and the mailing in the post office of full surrender and termination of this lease.

All provisions of this lease shall be highly and all amounts then due hereunder by Lessee, shall be a

All provisions of this lease shall be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto.

		~ .	
War Drisso	Fra	ns I fono	(Seal)
anna Porvell	Frank	L. Ferrari	(Sea1)
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Nancy	Ferrari	(Seal)
			(Seal)
	***************************************		(Seal)
æ w			(Seal)
STATE OF STATE OF COUNTY O		Calebrary.	do certif
ē.		71.	
whose name S are signed to the writing above bearing date	day of	Mil.	, 19 <u>84</u>
ha_VE this day acknowledged the same before me in my said county.			
Given under my hand thisday of	, 19_84_	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	.,
My commission expires	This is a	Notary Public	d -4 14 - 0
	and the	tion of Harrison County, West Virginia same is admitted to record.	a, on 8-13-
	Tesie:	Frank f. Morwell	16 - Cla
STATE OF		Horrison County C	
COUNTY OFto wit:	(state)	Harrison County C	ommission
I a notary public of th	e said (county) of		do certif
that			
			10
whose name signed to the writing above bearing date _ hathis day acknowledged the same before me in my said county.	day of		, 13
Given under my hand thisday of	. 19		
		Contract Con	
My commission expires		DECENVER	
My commission expires		RECEIVED TO	
My commission expires		16 S World Public	
		OCT 2 3 1984	
0 0 7 * *		OCT 2 3 1984	
0 0 7 * *		OCT 2 3 1984 OIL & GAS DIV.	
0 0 7 * * STATE OFto wit:	(stata)	OCT 2 3 1984 OIL & GAS DIV. DEPT. OF MINES	do certif
O O Z * * * STATE OF to wit: I, a notary public of th	(state) e said (county) of	OCT 2 3 1984 OIL & GAS DIV. DEPT. OF MINES	do certif
O O Z * * STATE OF	(state) e said (county) of	OCT 2 3 1984 OIL & GAS DIV. DEPT. OF MINES	do certif
O O Z * * STATE OF to wit: I, a notary public of the hat	(state) e said (county) of	OCT 2 3 1984 OIL & GAS DIV. DEPT. OF MINES	
O O O O O O O O O O O O O O O O O O O	(state) e said (county) of	OCT 2 3 1984 OIL & GAS DIV. DEPT. OF MINES	
O O Z	e said (county) of day of	OCT 2 3 1984 OIL & GAS DIV. DEPT. OF MINES	
OOZ ** STATE OF	(state) e said (county) of day of	OCT 2 3 1984 OIL & GAS DIV. DEPT. OF MINES	
STATE OF	(state) e said (county) of day of	OCT 2 3 1984 OIL & GAS DIV. DEPT. OF MINES	
COUNTY OF	(state) e said (county) of day of	OCT 2 3 1984 OIL & GAS DIV. DEPT. OF MINES	
STATE OF	e said (county) ofday of	OCT 2 3 1984 OIL & GAS DIV. DEPT. OF MINES Notary Public	, 19
STATE OF	e said (county) ofday of	OCT 2 3 1984 OIL & GAS DIV. DEPT. OF MINES Notary Public	, 19
STATE OF	e said (county) of day of 19 e said (county) of	OCT 2 3 1984 OIL & GAS DIV. DEPT. OF MINES Notary Public	do certif
COUNTY OF	e said (county) of day of 19 e said (county) of	OCT 2 3 1984 OIL & GAS DIV. DEPT. OF MINES Notary Public	do certif
STATE OF	e said (county) of day of 19 e said (county) of	OCT 2 3 1984 OIL & GAS DIV. DEPT. OF MINES Notary Public	do certif
OO'Z ** STATE OF	e said (county) of day of 19 e said (county) of	OCT 2 3 1984 OIL & GAS DIV. DEPT. OF MINES Notary Public	do certif

mad

BOOX 1136	PARE	458
-		. 1

Oil and Gas Lease

	ide and entered	into thisThir	d	_ day of	April	, 19
y and between	Edmond T.	Miller and Na	ncy C. M	iller,	his wife	
ereinafter called	lessors, wheth	er one or more, an	d CHESTERFI	ELD ENERG	Y CORPORATION,	Suite 320, Professional Building,
outh Third Street	, Clarksburg, W	est Virginia 26301	, hereinaft	er called	Lessee.	
receipt of which is aid, kept and per unto Lessee, for and operating for and all other rel	s hereby acknow formed, have gr the exclusive po , producing and ated products. i	eledged, and of coveranted, demised, lessession and use of marketing oil and including the build	enants and a cased and le of himself, gas, natura	agreements t and by his heirs al gasolin	s hereinafter of these presents s, successors of he, casing head	no) to them in hand paid by Lessee, the contained on the part of Lessee to be do grant, demise, lease and let r assigns, for the purpose of exploring gas, condensate, related hydrocarbons stallation of meters and installing all that certain tract or particular and county, West Virginia, on the
cel of land situa	te in	Clay	Dist	rict, _	Harrison	County, West Virginia, on the
vaters of Mud]	ick Run	, and bo	ounded subst	antially	by lands now o	r formerly owned as follows:
						oment Co. (G. W. Stewart)
bouth Seese				West Ro	oute 12/4 a	end McIntyre less, excepting and reserving, however
therefrom all land by either party e It is agreed is acquired and a	d within two hum scept by mutual that this lease s long thereafte	ndred feet of the r consent. s shall remain in f er as operations ar	residence bu force for a re conducted	ildings n term of _ l on said	ow on the prem 18 months land by Lessee	less, excepting and reserving, however ises on which no well shall be drilled XXXXX from the date 100% interest in search for or production of oil, commenced when the first material or
successors, or assoroduced and save well of the gas ferenises; said gareported address, of said money from the as hereinabove at sold, markete ayment it will be lessee shall reason of any royatheir predecessors on the save and ren'	tion of the Premigns, free of of a from the lease rome each and ever to the party of the sale of sale provided, based or used off the considered that not be required that the considered that the considered that also be required that the considered that the considere	mises, Lessee coven cost, a royalty equel premises; 2nd - ery gas well drilled if the first part, the products; 3rd - ed on \$300 per well be premises for this that gas is being pro- d in any event to it in said oil or gatherwise, and any standard or be paid or	to pay their to pay their don said payments their heirs to pay "she per year, inty (30) day duced in paynerease the sthat may huch outstand delivered.	r proporti r proporti remises, to be made or assign uut-in" ro for each v ys or more ying quant rate of s have been ding royal	conate share of cionate share of the product free by party of its, and payable syalty, on each well producing the beyond the detities. Said gas well pheretofore soilty or interest	to the credit of Lessors, their heirs, one-eighth (1/8) part of all oil f one-eighth (1/8) of the value at the om which is marketed and used off the second part, by check, mailed to last monthly within ten days of the receip date that royalty otherwise would be gas only when the gas from such well i esignated pay period, and upon such cayments or said royalty of oil by ld, reserved or conveyed by Lessors or t shall first be deducted from the
Lessee shall as to form a drill formations deeper be deemed to have	have the right ling unit or poor than 6000 feet. occurred upon to rea an amount eq	to pool or unitize of not to exceed Operations upon the demised premise	the leased the pooled as. Lessor	acreage, shall rec	for all purpose eive as rovalti	r parts thereof, with other tracts so 640 acres for es except royalty and free gas, shall ies for minerals produced and marketed in the pooled area bears to the total
If Lessor own leet of gas per an lis option and fro liser annum for dom liser annum for dom liser of said pipeline leading from said liser of same at a libandonment of the lessee coven lessee coven lessee coven lessee coven	as the surface of anum for domestice of any charge estic purposes in tharge in safe as a necessary regulat a producing well. All gas fair domestic rewell and pipel for shall Lessee ants and agrees escribed tract of	c use on said land e from Lessor, allo un one dwelling hou and proper pipes an alating equipment a gas well on said used in excess of rate. All gas so t line by Lessee, and be be liable for any to locate all well	d; or, if Lesow the particulate only on some and pipeline leased premissible above staken and used Lessee shall be seen as to so so as to so and it is a	ssor does es owning said land s, and sa for the ses, or, tated ano ed shall ll not be r failure interfere greed tha	not own any pasaid surface to a Said gas sha id domestic gas safe use of sar at Lessee's optunt in any one be subject to theld liable for in the supply as little as pasaid the leased pt the leased pt	erves the right to take 200,000 cubic art of said surface, Lessee may, at to use said 200,000 cubic feet of gas all be taken and used wholly at user's user shall furnish and install, at me. Lessee shall provide a connection tion, at a point on Lessee's pipeline calendar year shall be paid for by the the use, operation and right of or any accident or damage caused by the of gas for said domestic use. Cossible with the cultivated portion of remises may be fully and freely used hereunder.
Lessee coven	ents and agrees	to pay to the Less	or, his pro	portionat	e share of the	rental in the amount of
) Dollars,
n advance, begin he leased premise	ning 60 days aft es. Any rental the surrender o	er the receipt of paid for time beyon of this lease as he	100% interes	st, but no	ot after the da e credited upon	ate am oil or gas well is drilled upon n the first royalty due, and all rental nts by Lessee hereinunder shall be
Edmond T.	Miller			s.s.	No. <u>422-</u> 4	40-4103
0 450						
Pelham, Ala	10ama 35124					

It is agreed that Lessee is to have the privilege of using sufficient water and gas from said premises to rum all machinery necessary for drilling and operating, and all rights of way necessary to develop the premises or remove equipment, etc., and at any time during or after expiration of this lease to remove all machinery, casing, tubing, fixtures and equipment placed on said premises; and further, upon the payment of \$1.00 by Lessee, his heirs, successors or assigns to Lessors, their heirs, successors or assigns, said Lessee, his heirs, successors or assigns shall have the right to surrender this lease for cancellation, after which all payments and liabilities, thereafter to accrue under and by virtue of its terms shall cease and terminate, and this lease shall become absolutely null and void.

Lessors agree that the recordation of a deed of surrender in the proper county, and the mailing in the post office of a check, payable as above provided, for said last mentioned sum and all amounts then due hereunder by Lessee, shall be a full surrender and termination of this lease.

All provisions of this lease shall be hinding upon the heirs.

All provisions of this lease shall be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto.

	01156	
	& Edward T. Mills	(Seal)
	Edward T. hulle Demond I. Miller Nancy C. Miller	(Sea1)
	Nancy C. Miller	(Seal)
	APR	(Seal)
	T RE	(Seal)
	- C	(Seal)
	Om N	(0001)
	10 PH 'PH	
A.1 -1	AFF.	
STATE OF Sholby	Ce R	
COUNTY OF Shelby to wit: I. Margaret F. Jones a notary public of the	(state)	
hat Edmond T. Miller and Nancy C. Miller, hi	is wife	2. U dò certi
hose name S . BIE signed to the writing above bearing date	3rd day of April	19.84
aVP this day acknowledged the same before me in my said county		
Given under my hand this 3rd day of April		
Given under my hand this 3rd day of April My commission expires February 25, 1986	Margent of follo	
No. of the state o	Notary Public	
(C ₁)		
* 1/ MF.		
TATE OF		
OUNTY OFto wit:		
I a notary public of the	(state) said (county) of	do conti
hat		do certi
hose name signed to the writing above bearing date	day of	19
this day acknowledged the same before me in my said county.		, 19
Given under my hand thisday of	, 19	
My commission expires		
	Notary Public	Z 1
CATE OF		
OUNTY OF		
OUNTY OFto wit: I, a notary public of the sa	(state)	
at a notary public of the sa	aid (county) of	do certify
ose name signed to the writing above bearing date	day of	10
this day acknowledged the same before me in my said county.		, 19
Given under my hand this day of	, 19	
My commission expires		
	Notary Public	
This instrument was p	presented to the Clerk of the County	
A TROOP	County, West Virginia on	
ATE OF and the same is admit!	ed to record. 9-1/-8-7	
I. Jacta Taxa of	/(state)	
UNTY OFto with same is admitted the same is admitted to the same is admitted the same is admitted the same is admitted to the same is admitted	ra-tcounty) of action Clerk	do certify
		10
se namesigned to the writing above bearing date	day of	
signed to the writing above bearing date this day acknowledged the same before me in my said county.		, 19,
se namesigned to the writing above bearing date this day acknowledged the same before me in my said county. Given under my hand thisday of		, 19,
signed to the writing above bearing date this day acknowledged the same before me in my said county. Given under my hand thisday of My commission expires		
se namesigned to the writing above bearing date		

			I'MO
BOOK 1	140	PIGE	450

Oil and Gas Lease

by and between W. G. Tetrick, III, and Sandra C. Tetrick, his wife; James M. Sutton and C. Sutton, his wife; John V. Sutton and Carolyn B. Sutton, his wife; and Amy T. Buckley, a widow hereinafter called Lessors, whether one or more, and GESTERFIELD ENERGY CORPORATION, Suite 320, Professional Building, South Bird Street, Clarksburg, West Virginia 2690], hereinafter called Lessee. WINESSEN, that Lessors, for and in consideration of the sum of the Bullar (\$1.00) to them in hand paid by Lessee, receipt of which is hereby acknowledged, and of covenants and sgreenents hereinafter contained on the part of Lessee to 1 paid, kept and performed, have granted, densated, lessed and let and by these presents do grant, dense, lease and let and operating for, producing and marketing oil and gas, of the purpose of ecophal and all other related products, including the building of roads, laying pipelines, installation of reters and installing equipment thereon to take care of such products. cel of land situate in Clay District cel of land situate in Clay District cel of land situate in Clay District maters of Mudlick Run and bounded substantially by lands now or formerly comed as follows: North Clay Development Co. (Henry L. James) East Clay Development (G. W. Stewart) South Seese West Route 12/4 and McIntyre containing forty -four (44) acres nore or less, excepting and reserving, howe therefore all land within the bundred feet of the residence buildings now on the premises on which ne well shall be directed on the premises on which ne well shall be dried to the residence buildings now on the premises on which ne well shall be dried to the commend which is necessary for such operations. John the first work, other than surveying or staking the location, is done therefore a shall be deemed to be commended with the first material on thereon which is necessary for such operations are conducted on said Tand by Lessee in search for or production of oil the premises; land to pay their proportionate share of one-eighth (1/8
hereinafter called Lessors, whether one or more, and GESTERFIELD ENERGY CORPORATION, Suite 320, Professional Building, South Third Street, Clarksburg, West Virginia 26301, hereinafter called Lessee. WINESSEH, that Lessors, for and in consideration of the sun of One Pollar (\$1.00) to them in hand paid by Lessee, recipit of which is hereby acknowledged, and of covenants and agreements hereinafter contained on the part of Lessee to to paid, kept and performed, have granted, demised, leased and let and by these presents do grant, demise, lease and let unto Lessee, for the exclusive possession and use of himself, his heirs, successors or assings for the purpose of explo- and operating for, producing and marketing oil and gas, natural gasoline, casing head gas, condensate, related hydrocaris and operating for, producing and marketing oil and gas, natural gasoline, casing head gas, condensate, related hydrocaris equipment thereon to take care of such products, all that certain tract or cell of land situate in Clay District District, Harrison County, West Virginia, on waters of Mudlick Run , and bounded substantially by lands now or formerly owned as follows: North Clay Development Co. (Henry L. Janes) South Seese West Route 12/4 and McIntyre containing forty —four (44) Acres more or less, excepting and reserving, howe therefron all land within two hundred feet of the residence buildings now on the premises on which no well shall be dril by either party except by mittual consent. "Messessian and as long the case shall not lease shall be leased premain in force for a term of 18 months "Messessian and as long the case shall not lease of products." "Operations" as used herein, shall all had by Lessee in search for or production of oil natural gas or related products. "Operations" as used herein, shall all had by Lessee in search for or production of oil natural gas or related products. "Operations" as used herein, shall shall be drill of the content of the premises, lessee covenants and agrees: lst to deliver to
hereinafter called Lessors, whether one or more, and ORESTERFIELD ENERGY CORPORATION, Suite 320, Professional Building, South Third Street, Clarksburg, West Virginia 26501, hereinafter called Lessee. WITMESSEIN, that Lessors, for and in consideration of the sum of One Dollar (\$1.00) to them in hand paid by Lessee to paid, kept and performed, have granted, demised, leavents and agreements hereinafter contained on the part of Lessee to paid, kept and performed, have granted, demised, leavents and agreements hereinafter contained on the part of Lessee to paid, kept and performed, have granted, demised, leavents and agreements hereinafter contained on the part of Lessee to paid, kept and performed, have granted, demised, leavents and agreements hereinafter contained on the part of Lessee to paid, kept and performed, have granted, demised, leavents and all other related products, including the building of orads, laying pipelines, installation of meters and installing equipment thereon to take care of such products. Cell of land situate in Clay District District, Harrison County, West Virginia, on waters of Mudlick Run , and bounded substantially by lands now or formerly owned as follows: North Clay Development Co. (Henry L. James) East Clay Development (G. U. Stewart) South Seese Route 12/4 and McIntyre containing forty -four (44) acres more or less, excepting and reserving, howe therefrom all land within two hundred feet of the residence buildings now on the premises on which no well shall be dril by either party except by mitual consent. The suppose of the party except by mitual consent. The suppose of the premises, or when the first work, other than surveying one search for or production of old in a surveying or a related products. "Operations" used to the product from the surveying operations. In consideration of the Premises, Lessee covenants and agrees: 1st - to deliver to the credit of lessors, their hei successors, or assigns, free of cost, a royalty equaling their proportionate share of one-eighth
WINESSEM, that Lessors, for and in consideration of the sum of One Dollar (\$1.00) to them in hand paid by Lessee, receipt of which is hereby adrophelogale, and of coverants and agreements hereinafter contained on the part of Lessee to paid, kept and performed, have granted, demised, lessed and a greenents hereinafter contained on the part of Lessee to paid, kept and performed, have granted, demised, lessed and a greenents hereinafter contained on the part of Lessee to paid, kept and performed, have granted, demised, lessed and a greenents hereinafter contained on the part of Lessee to paid, kept and performed, have granted, demised, lessed and a greenents hereinafter contained on the part of Lessee to paid, kept and performed, have granted, demised, lessee in the last green and all other related products, including the building of roads, laying pipelines, installation of meters and installing equipment thereon to take care of such products. Cel of land situate in Clay District District, Harrison County, West Virginia, on waters of Fudilick Run , and bounded substantially by lands now or formerly owned as follows: South Seese Batt Clay Development Co. (Henry L. James) East Clay Development (G. U. Stewart) South Seese Route 12/4 and McIntyre containing forty —four (44) acres more or less, excepting and reserving, howe therefrom all land within two hundred feet of the residence buildings now on the premises on which no well shall be dril by either party except by mitual consent. The second party of the party of the party except by mitual consent. The second party of the party of the party of the party except by mitual consent. The second party of the party of the party of the party of the party except by mitual consent. The second party of the party except by mitual consent. The second party of the party except by mitual consent. The second party of the party except by mitual consent. The second party of the party
WINESSEM, that Lessors, for and in consideration of the sum of One Dollar (\$1.00) to them in hand paid by Lessee, receipt of which is hereby admondedaged, and of coverants and agreements hereinafter contained on the part of Lessee to paid, kept and performed, have granted, demised, leaved and a greements hereinafter contained on the part of Lessee to the paid, kept and performed, have granted, demised, leaved and a greements hereinafter containing for its, load of the part of Lessee to the paid, kept and performed, have granted, demised, leaved and a greements hereinafter containing for its, load of the part of the part of Lessee to paid, kept and performed, have granted, demised, leaved and a green products, including the building of orads, laying pipelines, installation of reters and installing equipment thereon to take care of such products. Cel of land situate in Clay District District, Harrison County, West Virginia, on waters of Mudlick Run , and bounded substantially by lands now or formerly owned as follows: North Clay Development Co. (Henry L. James) East Clay Development (G. U. Stewart) South Seese West Route 12/4 and McIntyre containing forty -four (44) acres more or less, excepting and reserving, howe therefrom all land within two hundred feet of the residence buildings now on the premises on which no well shall be dril by either party except by antural consent. The speed that this leaves shall remained are conducted on said land by Lessee in search for or products. "Operations" as or related products. "Operations" are conducted on said land by Lessee in search for or production of oil hard the surveying or staking the location, is done thereon which is necessary for such operations. In consideration of the Premises, lessee covenants and agrees: 1st - to deliver to the credit of lessors, their hei successors, or assigns, free of cost, a royalty equaling their proportionate share of one-eighth (1/8) part of all oil produced and sawd from the leased premises; and - to pay their proportionate sh
recept of which is hereby acknowledged, and of covenants and agreements hereinaferr contained on the part of lessee to tail prid, kept and performed, have granted, demised, leased and let and by these presents of grant, demise, lease and let unto Lessee, for the exclusive possession and use of himself, his heirs, successors or assigns, for the purpose of exploud on operating for, producing and marketing oil and gas, natural gasoline, casing heads, related hydrocarb and all other related products, including the building of roads, laying pipelines, installation of neters and installing equipment thereon to take care of such products, all that certain tract or cel of land situate in Clay District District, Harrison County, Kest Virginia, on waters of Mullick Run , and bounded substantially by lands now or formerly owned as follows: North Clay Development Co. (Henry L. Janes) East Clay Development (G. W. Stewart) South Seese West Route 12/4 and McIntyre Of this least containing forty -four (44) acres more or less, excepting and reserving, howe therefrom all land within two hundred feet of the residence buildings now on the premises on which no well shall be dril by either party except by mitual consent. Of this least containing and as one of the season
North Clay Development Co. (Henry L. Janes) South Seese (Menry L. Janes) South Seese It is agreed that this lease shall remain in force for a term of 18 months South Seese in search for or production of oil natural gas or related products. "Operations" as used herein, shall be deemed to be commenced when the first material of equipment is placed on the leased premises, or when the first work, other than surveying or staking the location, is don thereon which is necessary for such operations. In consideration of the Premises, lessee covenants and agrees: 1st - to deliver to the credit of lessors, their hei successors, or assigns, free of cost, a royalty equaling their proportionate share of one-eighth (1/8) of the value at well of the gas from each and every gas well drilled on said premises, the product from which is marketed and used off the premises; said gas to be measured by metrs and said payments to be made by party of second part, by check, mailed to la reported address, to the party of the first part, their heirs or assigns, and payable monthly within ten days of the recommendation of the premises of the premises of the made by any payable monthly within the days of the recoma
South Seese South Seese West Route 12/4 and McIntyre
Containing forty -four (44) acres more or less, excepting and reserving, howe therefrom all land within two hundred feet of the residence buildings now on the premises on which no well shall be dril by either party except by mutual consent. It is agreed that this lease shall remain in force for a term of 18 months XXXXX from the date/1001 interest accessived and as long thereafter as operations are conducted on said land by lessee in search for or production of oil natural gas or related products. "Operations" as used herein, shall be deemed to be commenced when the first material or equipment is placed on the leased premises, or when the first work, other than surveying or staking the location, is don thereon which is necessary for such operations. In consideration of the Premises, lessee covenants and agrees: 1st - to deliver to the credit of lessors, their hei successors, or assigns, free of cost, a royalty equaling their proportionate share of one-eighth (1/8) part of all oil produced and saved from the leased premises; 2nd - to pay their proportionate share of one-eighth (1/8) part of all oil produced and saved from the leased premises; 2nd - to pay their proportionate share of one-eighth (1/8) part of all oil produced and saved from the leased premises; 2nd - to pay their proportionate share of one-eighth (1/8) of the value at well of the gas from each and every gas well drilled on said promuter to be made by party of second part, by check, mailed to la reported address, to the party of the first part, their heirs or assigns, and payable monthly within ten days of the rec of said money from the sale of said product; 3rd - to pay "butt-iii" royalties on the producing gas only when the gas from such well not sold, marketed or used off the premises for thirty (30) days or more beyond the designated pay period, and upon such payment it will be considered that gas is being produced in paying quantities. Lessee shall not be required in any event to increase the rate of said gas well payments or said royalt
containing forty -four (44) acres more or less, excepting and reserving, howe therefrom all land within two hundred feet of the residence buildings now on the premises on which no well shall be dril by either party except by mutual consent. It is agreed that this lease shall remain in force for a term of 18 months X*XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
containing forty -four (44) acres more or less, excepting and reserving, howe therefrom all land within two hundred feet of the residence buildings now on the premises on which no well shall be dril by either party except by mutual consent. It is agreed that this lease shall remain in force for a term of 18 months X*XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
leading from said well. All gas used in excess of the above stated amount in any one calendar year shall be paid for by user of same at a fair domestic rate. All gas so taken and used shall be subject to the use, operation and right of abandonment of the well and pipeline by Lessee, and Lessee shall not be held liable for any accident or damage caused by use of such gas, nor shall Lessee be liable for any shortage or failure in the supply of gas for said domestic use. Lessee covenants and agrees to locate all wells so as to interfere as little as possible with the cultivated portion the hereinabove described tract or parcel of land; and it is agreed that the leased premises may be fully and freely used by Lesser for farming purposes, except such parts as are used by Lessee in operating hereunder. Lessee covenants and agrees to pay to the Lessor, his proportionate share of the rental in the amount of Five and 00/100 Dollars per acre per year (\$) Dollars, in advance, beginning 60 days after the receipt of 100% interest, but not after the date an oil or gas well is drilled up the leased premises. Any rental paid for time beyond that date shall be credited upon the first royalty due, and all ren shall cease after the surrender of this lease as hereinafter provided for. All payments by Lessee hereinunder shall be made by check payable and mailed as follows: W. G. Tetrick, IR, Agent S.S. No. P. U. Box Z67 Clarksburg, West Virginia 26381

machinery necessary for drilling and operating, and all rights of way necessary to develop the premises or remove equipment, etc., and at any time during or after expiration of this lease to remove all machinery, casing, tubing, fixtures and equipment placed on said premises; and further, upon the payment of \$1.00 by Lessee, his heirs, successors or assigns to Lessors, their heirs, successors or assigns, said Lessee, his heirs, successors or assigns shall have the right to surrender this lease for cancellation, after which all payments and liabilities, thereafter to accrue under and by virtue of its terms shall cease and terminate, and this lease shall become absolutely null and void.

Lessors agree that the recordation of a deed of surrender in the proper county, and the mailing in the post office of a check, payable as above provided, for said last mentioned sum and all amounts then due hereunder by Lessee, shall be a full provisions of this lease shall be hidden and the height appears the being appears and in the proper county.

All provisions of this lease shall be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto.

In Witness Whereof, the parties to this agreement have he written.	reunto set their	hands and seals the day and	year first, abov
Witness:	W. 6	1 Toluka	(51)
	W. G.	Metrick III	(Seal)
=	Sandra	Carlo C Tolpan	(Seal)
2	TAILER	mostly Sutton	(Seal)
T ST	Actor	ah L. Sutton	(Seal)
23 80 80 80 80 80 80 80 80 80 80 80 80 80	Debora	ah L. Sutton	(Seal)
80 0 HIS	20/10	. Sutton	
<u>М</u> >- Еп	Carol	in B. Sutton	(Seal)
5.4	(In	y T. Buckley	(SEAL
noo noo		Buckley	
STATE OF West Virginia,			
COUNTY OF Harrison, to with			
Ia notary public of the	(state)	Harrison.	do certif
hat _ W. G. Tetrick, III and Sandra C. Tetrick			
L. Sutton, his wife; John Y. Sutton an	d Carolyn	B. Sutton, his wi	fe; and
Amy T. Buckley, unmárried, vhose name Sare signed to the writing above bearing date	12thday of	A	. 19_84
	2 ~ 011 day of	***************************************	, 19
a VE this day acknowledged the same before me in my said county. Given under my hand this 2777 day of	10 84		
My commission expires () () () () () () () () () (, 19_07_	14111 42 41	
My commission expires Calubrate 13 1990	1 100	Notary Public	
	,		
TATE OF			
COUNTY OFto wit:	(state)		
I a notary public of the	said (county) of		do certify
hat James M. Sutton and Deborah L. Sutton,	IIIS WITE		
whose name S are signed to the writing above bearing date	day of		, 19_84
this day acknowledged the same before me in my said county.			
Given under my hand this day of	, 1984		
My commission expires			
*		Notary Public	
	this instrume	nt was presented to the Clerk o	f the County
	Commission of	Harrison County, West Virginia, or is admitted to record.	8-3-5
	and the same	is admitted to record.	
TATE OF	Teste Fra	mk f. Monwell ,	Clerk
OUNTY OFto wit:	7000	Waring On to One	
I, a notary public of the	(state) said (county) of	Harrison County Com	MISSIONdo certify
John Y. Sutton and Carolyn B. Sutton, hi	s wife .		
hose name _ S _ AF E signed to the writing above bearing date	day of	0.00	. 19 84
UE this day acknowledged the same before me in my said county.	4 1 1		
Given under my hand thisday of	, 19_84_		
My commission expires			
		Notary Public	
TATE OF		g . Terre	
OUNTY OFto-wit:		•	
Ia notary public of the	(state)		. 2 mh
atAmy T. Buckley, a widow	said (county) 01		do certify
		m %	11/10
ose name_iSsigned to the writing above bearing date	dan et	2 *	1984
S this day acknowledged the same before me in my said county.	uay oi	<u> </u>	
Given under my hand this day of	10 84	$\ddot{\circ}$	8
		E S	× w
my commission expires		Notary Public	0 0
My commission expires		Notary Public	0

	47	-033-3120		
	103 Section of No	GPA	_ Category Code	
			003449 Seller Code	
Bubby #1 Well Field Name Harrison County County State				
Area Nam	Date of Lea	se:		
Bubby #1 Well 47-033-3120				
Not Applicable				
			044091 Buyer Code	
		Mo. Day	Yr.	
			MMcf.	
 	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
Chest	erfield Ener	gy Corporat	ion VP Lar	
Naræe Signature	June (Ham	Title 04) 623-5467	
	Name 320 P Street Clark City Bubb Field Nam Harr County No Area Nam Bubby Eas Name	Chesterfield Ener Name 320 Professional Street Clarksburg City Bubby #1 Well Field Name Harrison Count County Not Applicable Area Name Date of Lea Mo. Day Bubby #1 Well Not Applicable Area Name Castern Pipel Name Chesterfield Ener Samuel J. Chesterfield Ener Samuel J. Signature	Chesterfield Energy Corporated Samuel J. Cann. Section of NGPA 4110 Chesterfield Energy Corporated Samuel J. Cann. Aname 320 Professional Building Street Clarksburg City s Bubby #1 Well Field Name Harrison County County Not Applicable Eastern Pipeline Corp. Not Applicable Eastern Pipeline Corp. Name Chesterfield Energy Corporated Samuel J. Cann. Chesterfield Energy Corporated Samuel J. Cann.	The section of NGPA Section of NGPA 4110 Geet Chesterfield Energy Corporation Name 320 Professional Building Street Clarksburg Clarksburg Clarksburg Clarksburg W State Bubby #1 Well Field Name Harrison County County State Not Applicable Area Name Date of Lease: Mo. Day Yr. OCS Lease Number Bubby #1 Well 47-033-3120 Not Applicable Eastern Pipeline Corp. Name (a) Base Price (S/MMBTU) Chesterfield Energy Corporation Samuel J. Carn V.P. Lat Name Onesterfield Energy Corporation Samuel J. Carn V.P. Lat Title Output Chesterfield Energy Corporation Samuel J. Carn V.P. Lat Title Output Chesterfield Energy Corporation Samuel J. Carn V.P. Lat Title Output Chesterfield Energy Corporation Samuel J. Carn V.P. Lat Title Output Chesterfield Energy Corporation V.P. Lat Title

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

	ETOMITON TON	WELL CEASSITICAT	1011
Date: 8/1,19_85	9550	AGE	NCY USE ONLY
Applicant's Name: Chesterfield Energy C	•	WELL DETER	MINATION FILE NUMBER
Address: 320 Professional Buildi Clarksburg, WV 26301	ng	950802	-1030-033 - 3120
Gas Purchaser Contract No. Being Ne	gotiated	Use Above File Communications	e Number on all s Relating to This Well
Date of Contract Being Negotiate (Month, day and year	f 621		
First Purchaser: Eastern Pipeline C			: Samuel J. Cann
Address: P. O. Box N		Address: 320 Pr	rofessional Building
	Zip Code)	_Clarks	sburg, WV 26301
FERC Seller Code		FERC Buyer Code	
NAME AND TITLE OF PERSON TO WHOM QUEST BE ADDRESSED:	TIONS CONCERNI	NG THIS APPLICAT	ION SHALL
Name: <u>Samuel J. Cann</u> (Print) Signature:		Vice I	President Land & Contract (Title)
(Street or <u>Clarksburg</u> (City) Telephone: (304	(State)) 623-5467 e) (Phone M	26301 (Zip Code) 7 Number)	
NGPA SECTION/SUBSECTION	Catagory App	orred ror	
		100 Stripper We	II Natural Cae
102 New Natural Gas 102-2 2.5 Mile Test 102-3 1000 Foot Deeper Test 102-4 New Onshore Reservoir 103 New Onshore Production Well		108-1 S	tripper Well Seasonally Affected Inhanced Recovery Semporary Pressure Build
X 103 New Onshore Production Well			
107 High Cost Natural Gas 107-0 Deep (more than 15,000 for 107-1 Geopressured Brine) 107-2 Coal Seams 107-3 Devonian Shale 107-5 Production enhancement 107-6 New Tight Formation 107-7 Recompletion Tight Formation			LIFIED
RECEIVED AUG 2 1985			

Date Received

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

Determination Date

STATE OF MEST VINCINIA

DEPARTMENT OF MINES, GIL AND GAS DIVISION

ATT HUY	. 19 85	
Conster's	Bubby #1	Well
\$ 47 ·	033 County	. 3120

WELL CLASSIFICATION FORM

NEW ONSHORE PRODUCTION HELL

MGPS Section 103

•	Samuel J. Cann
	ADDRESS 320 Professional Building
	Clarksburg, WV 26301
LTLL OPERATOR Chesterfield Energy Corp.	LOCATION Elevation 1183.31'
ADDRESS 320 Professional Building	WatersheeMudlick Run
Clarksburg, W 26301	Dist Clay County Harrison Quad Shinns
CAS FURCHASER Eastern Pipeline Corp.	Cas Furel see
ADDRESS P. O. BOX N	Contract %c Being Negotiated
Glenville, WV 26351	Meter Chart Code Date of Contract Being Negotiated
	201119 11090114104
* * * * * * * * * * *	* * * * * * *
Date surface drilling was begun: July 23,	1985
Indicate the bottom hole pressure of the well as	nd explain how this was calculated
$P = \frac{P_1 T_2}{r} = (Surface Processes)$	(Pottor Hole Dossess)
2 - T1 = (Surface Fressure)	(Bottom Hole Pressure) = B.H.P. se Temperature)
$BHP = P1 + P1 (e^{X})$	
P1 = 650 X G = .68 B T = 568	= GL/55.54T · · · · · · · · · · · · · · · · · · ·
T = 568	030,01
AFFIDAV	_
within a proration unit, in existence at the time reservoir from which gas is or will be produced in commercial quantities or on which surface drives capable of producing gas in commercial quantitie best of my information, knowledge and belief	ing been first sworn according to law state that emination is sought was begun on or after February 14. deral well spacing requirements and the well is not me surface drilling began, which was applicable to the and which applied to any other well producing was alling began on or after February 19, 1977, and which cities. I state, further, that I have concluded, to that the well for which this determination is sought not aware of any information not described in the clusion.
	Dennel Hom
	77
CTITE OF MECT MINESTERS	
STATE OF WEST VIRGINIA.	
COUNTY OF Harrison To WIT:	
01 1 0	y Public in and for the state and county aforesaid.
	is signed to the writing above, bearing date knowledged the same before me, in my county aforesale.
	al this 1 day of August . 1985. 4th day of June . 1994.
Ty term of office expires on the T	101 00) 01 OUIL . 17 71 .
[HOTARIAL SEAL]	Thereta I tummond