

1)	Date: Dece	mber 23	_, 19_83
2)	Operator's Well No	3-1933	DEVENTOR
3)	API Well No.	47 - 083 - 0864	

County

Permit

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

APPLICATION FOR A WELL WORK PERMIT

Cubic feet Size Grade Per ft. New Used For drilling Left in well Cubic feet Cubic feet) LOCATION			Production		/			_/ Deep	_/ ShallowX/)
WELL OPERATOR Union Drilling, Inc. Address Post Office Drawer 40 Buckhannon, WV 26201 OIL & GAS INSPECTOR TO BE NOTIFIED Name Phillip Tracy Address General Delivery Filamore, WV 26267 PROPOSED WELL WORK: Drill X Drill deeper Redrill Stimulate X GENTAL TON Benson Other physical change in well (specify) Cother physical change in well (specify) OGEOLOGICAL TARGET FORMATION, Benson 12) Estimated depth of completed well, 2808 feet salt, ? feet, s			1		Eorle	1000			- · · T	Pickons
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his permit covering the well operator and well location shown below is evidence of permission grained to the District Oil and Gas Inspector, (References subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (References subject to the conditions contained herein and on the reverse hereof.)	nis permit cov	ering the we	ell operat	tor and we	l locati	on shown tand on the	reverse hereof. Noti	fication must be g	iven to the District Oi	il and Gas Inspector, (Refer
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File

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

FORM	IV-2(B)
Reverse	

Reason: _

Administrator, Office of Oil and Gas

FILE COPY

47 State





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		Date							
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olication received			Follow-up	inspect	ion(a)				
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FORM IVERSON THE DECORY.

1) Date: December 23

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2) Operator's

3-1933 Well No. 3) API Well No. 47-083-0864

State County Permit

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

STATE OF THE SECOND

NOTICE OF ADDITION FOR A WEST WORK DEDMIT

		NOTICE OF APPLICATION	FOR A WELL	WORK PERMIT	
4) SU	RFACE OWNE	R(S) OF RECORD TO BE SERVED	5(i)	COAL OPERATOR	
(i)	Name J	F Company		Address	
(-)		c/o James H. Brewster, Jr.			
	P.	0. Box 590, Weston, WV 264	52 5(11)	COAL OWNER(S) WITH	DECLARATION ON RECOR
(ii)	Name			Name SEE ATTACHME	!N1
	Address			Address	
				Name	
(iii)	Name			Address	
	Address_				
			5 (iii)	COAL LESSEE WITH DE	ECLARATION ON RECORD:
				Name Boden Coal Con	mpany
				Address 215 Cent	
				Newark,	NJ 07103
		TO THE PERSON(S) NAMED ABOVE: You should	d have received th	is Form and the following doc	uments:
		(1) The Application for a Well Work			
		to be plugged, which sets out to and describes the well and its			
		cementing program;			g
		(2) The plat (surveyor's map) showing(3) The Construction and Reclamation			ly to
		plug a well), which sets out the reclamation for the site and ac	e plan for erosion		
		THE REASON YOU RECEIVED THESE DOCUM		AVE RIGHTS REGARDING THE APPL	ICATION
		WHICH ARE SUMMARIZED IN THE "INSTRUCTION	S" ON THE REVERSE	SIDE OF THE COPY OF THE APPLIC	CATION
		(FORM IV-2(B) OR FORM 4, DESIGNATED FOR ACTION AT ALL.	100. HOWEVER, 100	ARE NOT REQUIRED TO TAKE ANY	
		Take notice that under Chapter 22 o.	f the West Virgini	a Code, the undersigned well of	op-
		erator proposes to file or has filed this for a Well Work Permit with the Administ	rator of the Offic	e of Oil and Gas, West Virgin	ia
		Department of Mines, with respect to a wand depicted on attached Form IV-6. Cop			
		Construction and Reclamation Plan have b	een mailed by regi	stered or certified mail or de	elivered
		by hand to the person(s) named above (or before the day of mailing or delivery to			
		6) EXTRACTION RIGHTS Check and provide one of the following	7:		JAN 5 - 1984
		☐ Included is the lease or leases or	other continuing	contract or contracts by which	a JAN 5 - 1964
		I hold the right to extract oil XX The requirement of Code 22-4-1-(c)	or gas. (1) through (4). (3)	See reverse side for specifics	S.) OIL & GAS DIVISION
		7) ROYALTY PROVISIONS		-	SEDT OF MINIES
		Is the right to extract, produce or ma	arket the oil or g	as based upon a lease or lease	SEP 1. OF WITHES
		for compensation to the owner of the o	il or gas in place	which is not inherently relat	
		to the volume of oil or gas so extract	ted, produced or m	arketed? Yes No XX	
		If the answer above is No, not	thing additional is	s needed. If the answer is Yes	5,
		you may use Affidavit Form IV-60.			
		See the reverse side for line its			3
		the required copies of the Notice Reclamation Plan.	e and Application,	plat, and Construction and	
The	truth of	the information on the	WEIL		
		plication is verified	OPER	ATOR Union Drilling.	, Inc.
		and the Notice is		1-/+1	1
sig	ned on beh	alf of the Well Operator	By	Jessell + ell	U. duetion
in	my County	and State by		s Vice President of	No.
		oseph C. Pettey	Ad	dress Post Office I	
		December , 1983.	m_	Buckhannon, V	
	My commiss	ion expires <u>March 3</u> , 19 <u>9/</u> .	Te	lephone 304-472-461	10
	a. Bre	elford 3 immermen			
		lic, Upshur County,			08/25/2023
	State of $_$	West Virginia	_		00,20,2020

<u>INSTRUCTIONS TO APPLICANT</u>

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-la(c) and 22-3-12a, and (v) if applicable, the consent 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, 22-4-2, 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—

- (1) 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, lessor, etc. Grantee, lessee, etc. Royalty Book Page
Allan A. Warren, et. al. Union Drilling, Inc. 1/8 335/464, 470, 288, 290
460, 462, 506, 508



UNION DRILLING, INC. Drawer 40 Buckhannon, WV 26201

DRILLING CONTRACTORS PRODUCERS OF OIL AND GAS

SUPPLEMENT TO OIL AND GAS WELL PERMIT APPLICATION FORM IV-2(A)

Date: December 23, 1983 Operator's Well No. 1933 and 1950

COAL, OIL AND GAS OWNERS ARE THE SAME:

Mr. and Mrs. Allan Warren 246 First Street
Weston, West Virginia 26452

Mr. and Mrs. Walter H. Warren, Jr. 1030 Ponderosa Drive Culloden, West Virginia 25510

Mr.Irving J. Bradley 402 West Timonium Street Lutherville, Maryland 21093

Mr. and Mrs. Andrew F. Sleigh 570 Locust Street Weston, WV 26452

Mr. and Mrs. John W. Orr 464 Main Avenue Weston, WV 26452

Mr. and Mrs. Warren G. Bodkin, Jr. 2617 Glendale Avenue
South Charleston, WV 25303

Mr. and Mrs. Elgin K. VanMeter
1660 Pinetree Drive
Pittsburgh, PA 15241

P 471 413 924 RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED-NOT FOR INTERNATIONAL MAIL

(See Reverse)	
Sent to J & F Company Street and No.	2 5 1 (19 S)
c/o P. O. Box 590	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Weston, WV 26452	of the second se
Postage	\$
Certified Fee	9000
Special Delivery Fee	
Restricted Delivery Fee	700.08 B
Return Receipt Showing to whom and Date Delivered	# 4 명 명 명 명 명 명 명 명 명 명 명 명 명 명 명 명 명 명
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark & Date AN	B Solvage edge
111	

NO INSURANCE COVERAGE PROVIDED-NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	- 11-:	Tan
		Jr
2617 Glendale AVenu	ie	2
P.O., State and ZIP Code S. Charleston, WV	25303	S 1000
Postage	\$	1
Certified Fee	900 S	TOOM.
Special Delivery Fee	a Liffie	
Restricted Delivery Fee	25,500	
Return Receipt Showing to whom and Date Delivered	4 2	
Return Receipt Showing to whom, Date, and Address of Delivery	# 10 m	
TOTAL Postage and Fees	\$	
Postmark or Date		
WHAI	INON	
SIA	1 -1	
	*A)	
	§ Mrs. Warren G. Estreet and No. 2617 Glendale AVenue P.O., State and ZIP Code S. Charleston, WV Postage Certified Fee Special Delivery Fee Restricted Delivery Fee Return Receipt Showing to whom and Date Delivery TOTAL Postage and Fees Postmark or Date	§ Mrs. Warren G. Bodkin, Street and No. 2617 Glendale AVenue P.O., State and ZIP Code S. Charleston, WV 25303 Postage \$ Certified Fee Special Delivery Fee Restricted Delivery Fee Return Receipt Showing to whom and Date Delivery Date, and Address of Delivery TOTAL Postage and Fees \$

NO INSURANCE COVERAGE PROVIDED— NOT FOR INTERNATIONAL MAIL

Mr. & Mrs. John W. O	735
MI. G MIS. JOHN W. U	rr
Street and No. 464 Main AVenue	31 880
Weston, WV 26452	700
Postage \$	E .
Certified Fee	800
Special Delivery Fee	10000
Restricted Delivery Fee	a tro
Return Receipt Showing to whom and Date Delivered	N 800
Return Receipt Showing to whom, Date, and Address of Delivery	2
TOTAL Postage and Fees A	
Postmark or Date 1984	

PS Form 3800, Feb. 1982

NO INSURANCE COVERAGE PROVIDED-NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to			04
Mr. & Mrs. Andrew	F.	Slei	gh
Street and No. 570 Locust Street	1000	6, 45	Total B
Weston, WV 26452		4) Tare 10	1111
Postage	\$	A. Die Z.	8 K-8(1)
Certified Fee	2.45	*	5000
Special Delivery Fee	3.4.6	10 10 m	
Restricted Delivery Fee		14.0	
Return Receipt Showing to whom and Date Delivered		Free Ba	
Return Receipt Showing to whom, Date, and Address of Delivery		4 2	
TOTAL Postage and Fees VC	\$		
Postmark of the JAN 1984			
W	1		

NO INSURANCE COVERAGE PROVIDED-NOT FOR INTERNATIONAL MAIL

(See Reverse)

Lutherville, MD 2	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	175
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	8 2 3
20%	8/

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED-NOT FOR INTERNATIONAL MAIL

(See Reverse)

Culloden, WV	2551	\$	N 00 00 00 00 00 00 00 00 00 00 00 00 00
Certified Fee	of Shire		0.000
Special Delivery Fee	Start	S Surbie	S apply
Restricted Delivery	Fee		Spirits of
Return Receipt Sho to whom and Date I			00 at
Return Receipt Showi Date, and Address of	- C.		the bu
TOTAL Postage and	Fees	\$	to the
Postmark or Date	Det.		30 200

IV-35 (Rev 8-81)





OIL & GAS DIVISION DEPT. OF MINState of Mest Mirginia

Bepartment of Mines Bil und Gas Bivision

Date	May 4	, 1984				
Operator's						
Well No	3	- 1933	Therefore I			
Farm	Warre	n Heirs	#3			
API No.	47 _	083 -	0864			

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL	TYPE:	Oil / Gas $_{\underline{X}}$ / Liquid Injection (If "Gas," Production / Underground				llow_x	_/)	
LOCAT								
	CATION: Elevation: 2808' Watershed Marsh Fork District: Middle Fork County Randolph Quadrangle Pickens							
COMPA	ANY	UNION DRILLING, INC.						
		P.O.Drawer 40,Buckhannon,WV 26201	Casing	Used in	Left	Cement		
		AGENT Joseph C. Vanzant, Jr.	Tubing	Drilling		fill u		
		P.O.Drawer 40, Buckhannon, WV 26201	Size		21 11022	04.		
		NER J&F Company	20-16					
		P.O.Box 590, Weston, WV 26452	Cond. 13-10"	31'	pulled			
MINE	RAL RI	GHTS OWNER see attached sheet	9 5/8	1 31	Parrea			
ADDRE	ESS		8 5/8	816.05'		245 c	f	
OIL A	AND GAS	S INSPECTOR FOR THIS WORK	7	020.00	4			
		ADDRESS Gen.Del. Ellamore,WV	5 1/2					
PERM	T ISS	UED 1/23/84 26267	4 1/2	2002 001		905 0	· f	
DRILI	ING C	OMMENCED 2/1/84	3	3882.80'		805 c		
		OMPLETED 2/6/84	2	-				
		BLE: PLUGGING OF DRY HOLE ON PROGRESSION FROM DRILLING OR						
REWOR		VERBAL PERMISSION OBTAINED	Liners used					
GEOL	GICAL	TARGET FORMATION Benson		Dept	h 4200	<u>'</u> f	feet	
	Depth	of completed well 4175' feet 1	Rotary X	/ Cable	e Tools_			
	Water	strata depth: Fresh 150! feet;	Salt_241	4' feet				
	Coal seam depths: $150/155 781/783$ Is coal being mined in the							
OPEN	FLOW 1							
	Produ	cing formation Riley, Benson	Pay	zone dept	h 3764	· f	Eeet	
		Initial open flow show Mcf/d						
		Final open flow 169 Mcf/d						
		Time of open flow between init						
	Stati	c rock pressure 600# psig(surface	e measurem	ment) after	24 hou	rs shut	in	
	(If applicable due to multiple completion)							
	Secon	d producing formation	Pay	zone dep	_h08	/25/20	23 teet	
		Initial open flow Mcf/d				Bb	ol/d	
		Final open flowMcf/d	Oil: Fir	nal open f	low	Bh	ol/d	
		Time of open flow between init						
	Stati	c rock pressurepsig(surface	measureme	ent) after	hou	rs shut	in	
				(Contin	7/2 24 52	uanca -	id.	

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

A TAIL

Halliburton - 3 stage Foam Frac - 4/25/84

2529/38 - Elizabeth - 435 sks. sand, 611 Bbls water and 417,000 scf nitrogen 2827/31 - Speechly - 450 sks. sand, 704 Bbls water and 390,000 scf nitrogen 3644/94 - 1st Riley - 600 sks. sand, 812 Bbls water and 522,000 scf nitrogen 3764 - 2nd Riley

WELL LOG

Sand & Shale 0 150 Coal 150 155 Sand & Shale 155 781 Coal 781 783 Sand & Shale 783 1460 Blue Monday 1462 1520 Big Lime 1521 1679 Injun 1681 1860 Squaw 1788 1815 4th Sand 2274 2352 5th Sand 2400 2430 Elizabeth 2518 2542 Speechly 2768 2864 Bradford 3362 3384 1st Riley 3642 3709 2nd Riley 3750 3778	REMARKS Including indication of all fresh and salt water, coal, oil and gas 1/4" stream water @150'
Sand & Shale 0 150 Coal 150 155 Sand & Shale 781 783 Sand & Shale 783 1460 Blue Monday 1462 1520 Big Lime 1521 1679 Injun 1681 1860 Squaw 1788 1815 4th Sand 2274 2352 5th Sand 2400 2430 Elizabeth 2518 2542 Speechly 2768 2864 Bradford 3362 3384 1st Riley 3642 3709 2nd Riley 3750 3778	1/4" stream water @150'
Coal 150 155 Sand & Shale 155 781 Coal 781 783 Sand & Shale 783 1460 Blue Monday 1462 1520 Big Lime 1521 1679 Injun 1681 1860 Squaw 1788 1815 4th Sand 2274 2352 5th Sand 2400 2430 Elizabeth 2518 2542 Speechly 2768 2864 Bradford 3362 3384 1st Riley 3642 3709 2nd Riley 3750 3778	1/4" stream water @2414'
Sand & Shale 155 781 Coal 781 783 Sand & Shale 783 1460 Blue Monday 1462 1520 Big Lime 1521 1679 Injun 1681 1860 Squaw 1788 1815 4th Sand 2274 2352 5th Sand 2400 2430 Elizabeth 2518 2542 Speechly 2768 2864 Bradford 3362 3384 1st Riley 3642 3709 2nd Riley 3750 3778	1/4" stream water @2414'
Coal 781 783 Sand & Shale 783 1460 Blue Monday 1462 1520 Big Lime 1521 1679 Injun 1681 1860 Squaw 1788 1815 4th Sand 2274 2352 5th Sand 2400 2430 Elizabeth 2518 2542 Speechly 2768 2864 Bradford 3362 3384 1st Riley 3642 3709 2nd Riley 3750 3778	1/4" stream water @2414'
Sand & Shale 783 1460 Blue Monday 1462 1520 Big Lime 1521 1679 Injun 1681 1860 Squaw 1788 1815 4th Sand 2274 2352 5th Sand 2400 2430 Elizabeth 2518 2542 Speechly 2768 2864 Bradford 3362 3384 1st Riley 3642 3709 2nd Riley 3750 3778	1/4" stream water @2414'
Blue Monday 1462 1520 Big Lime 1521 1679 Injun 1681 1860 Squaw 1788 1815 4th Sand 2274 2352 5th Sand 2400 2430 Elizabeth 2518 2542 Speechly 2768 2864 Bradford 3362 3384 1st Riley 3642 3709 2nd Riley 3750 3778	1/4" stream water @2414'
Big Lime 1521 1679 Injun 1681 1860 Squaw 1788 1815 4th Sand 2274 2352 5th Sand 2400 2430 Elizabeth 2518 2542 Speechly 2768 2864 Bradford 3362 3384 1st Riley 3642 3709 2nd Riley 3750 3778	1/4" stream water @2414'
Injun 1681 1860 Squaw 1788 1815 4th Sand 2274 2352 5th Sand 2400 2430 Elizabeth 2518 2542 Speechly 2768 2864 Bradford 3362 3384 1st Riley 3642 3709 2nd Riley 3750 3778	1/4" stream water @2414'
Squaw 1788 1815 4th Sand 2274 2352 5th Sand 2400 2430 Elizabeth 2518 2542 Speechly 2768 2864 Bradford 3362 3384 1st Riley 3642 3709 2nd Riley 3750 3778	1/4" stream water @2414'
4th Sand 2274 2352 5th Sand 2400 2430 Elizabeth 2518 2542 Speechly 2768 2864 Bradford 3362 3384 1st Riley 3642 3709 2nd Riley 3750 3778	1/4" stream water @2414'
5th Sand 2400 2430 Elizabeth 2518 2542 Speechly 2768 2864 Bradford 3362 3384 1st Riley 3642 3709 2nd Riley 3750 3778	1/4" stream water @2414'
Elizabeth 2518 2542 Speechly 2768 2864 Bradford 3362 3384 1st Riley 3642 3709 2nd Riley 3750 3778	
Speechly 2768 2864 Bradford 3362 3384 1st Riley 3642 3709 2nd Riley 3750 3778	
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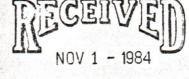
(Attach separate sheets as necessary)

5/7/84

Note: Regulation 2.02(i) provides as follows:

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





OIL & GAS DIVISION
DEPT. OF MINES

108/25/2023

DATE

State of West Virginia Department of Mines

Oil and Gas Bivision Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT May 30, 1984

	May 30, 1984	. 1011 0111		
COMPANY	Union Drilling, Inc.	PERMIT NO	083-0864	
P. 0	Drawer 40	FARM & WELL N	10 Warren	Heirs #3-1933
Buckl	nannon, West Virginia 26201	DIST. & COUNT	Y Middle	Fork/Randolph
				1 7 7 1 1 1 1 1
RULE	DESCRIPTION		N COMPLIAN	NCE NO
23.06	Notification Prior to Starting Work		ES	NU
25.04	Prepared before Drilling to Prevent Wa			
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 Strenght	_		
15.05	Cement Type	-		
23.02	Maintained Access Roads	-	~ · ·	
25.01	Necessary Equipment to Prevent Waste			
23.04	Reclaimed Drilling Pits			
23.05	No Surface or Underground Pollution			
23.07	Requirements for Production & Gatherin	g Pipelines		
16.01	Well Records on Site			
16.02	Well Records Filed			
7.05	Identification Markings			
I HAVE I	NSPECTED THE ABOVE CAPTIONED WELL AND RE	ECOMMEND THAT	IT BE RELE	ASED:
		SIGNED PL	lys In	veg
		DATE	30-84	
Your wel	l record was received and reclamation re	equirements app	proved. In	Accordance
with Chap	pter 22, Article 4, Section 2, the above	well will ren	main under	bond
coverage	for the life of the well.	1	0 -	11
		1-21	by.	5
		Administrator-	-Oil & Gas	Division

