1)	Date: Dece	ember	8	, 19_	83
2)	Operator's Well No.	197	79 (4)	(B) 2(B)	MRCH
3)	API Well No.	47 _	-053 - 032	0	No so visit
'		State	County		Dermit

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

Production 4-1/2 J 10.5 X 3000' 3000' 640 sacks Depths Tubing or as reg by Liners Perforat	Vanzant, Jr. ver 40 26201
6) WELL OPERATOR Union Drilling, Inc. Address Post Office Drawer 40 Buckhannon, WV 26201 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Jerry Tephabock Address Route 1, Box 101-A Ripley, WV 25271 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address Post Office Draw Buckhannon, WV 9) DRILLING CONTRACTOR: Name Uni	Vanzant, Jr. ver 40 26201
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PROPOSED WELL WORK: Drill X / Drill deeper / Redrill Stimulate X Plug off old formation / Perforate new formation Other physical change in well (specify) GEOLOGICAL TARGET FORMATION, Devonian Shale DEED D	26201 C 1 2 1983
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(2) 10() 538()	
OFFICE USE ONLY	viscos nociación
DDII LINC PEDMIT	
	ell work started
ermit number 47-053-0320 Decembe	
Date hab his permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with hirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Ga b. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor s	is Inspector, (Refer
strict oil and gas inspector 24 hours before actual permitted work has commenced.)	me prop
he permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and cond	itions specified on t
everse hereof.	imino nomeneo
ermit expires December 29, 1985unless well work is commenced prior to that date and prosecut	ted with due diligence
LIONS	THER INSPEC
Bond: Agenty Plat: Casing Fee	
LE BUNU //a m// m// o// Land	Reason:
(1) 11/4 11/4 592 7/ Argaret / Law	
Administrator, Office of Oil and O	1 ,
	Unoana I
NOTE: Keep one copy of this permit posted at the drilling location. See the reverse side of the APPLICANT'S COPY for instructions to the well operator.	Gas

FORM	IV-2(B)
Reverse	

Reason:

FILE COPY





the copy

	N	OFFI	CE USE ONLY		O HE				
PERMIT MO	DIFICATIONS	S AND CONDIT	TIONS (IF ANY	TO TH	IE PI	ROPOS	FD WF	II WO	DK: HEW IN
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This part of Form IV-2(b) is to record the	he dates of certain	in occurrences a	nd any f	ollow	-up insp	ections		
		Date						Date	e(s)
Application received			Follow-uj	pinspect	ion(s)				
Well work started		TIMS	DRILLING PER		,,				
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Completion of the drillin	g]								
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			reverse hereof, Not						
Well Record received		In addition, the well	ny cer rented with ork has commenced	e mis coru ermitted w	a lauro		on on 24 hours		
and conflitions areafted on the		tion plan, subject to							
Reclamation completed				ionnon-lai	,,				everse hereof.
prosecuted with dife diligence.									ermit expires
OTHER INSPECTIONS									
							1, 3		
Reason:	18	- Pho		1 1	19/1	11/1	PUR		

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

IV-9 (Rev 8-81)

LANDOWNER

COMPANY NAME Union Drilling, Inc.
P. 0. Drawer 20
Buckhannon, WV 26201

Dale Nibert

Revegetation to be carried out by

This plan has been reviewed by

and additions become a part of this plane

Telephone 304/472-4610



DATE	December	1	,	1983	

State of Mest Wirginia

API NO. 47 - 053 - 0320

P. O. Drawer 40 Buckhannon, WV 26201

All corrections

(Agent)

304/472-4610

DESIGNATED AGENT Joseph Vanzant

SOIL CONS. DISTRICT Western

Address

Union Drilling, Inc.

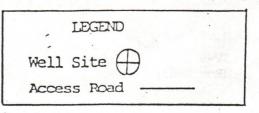
Telephone

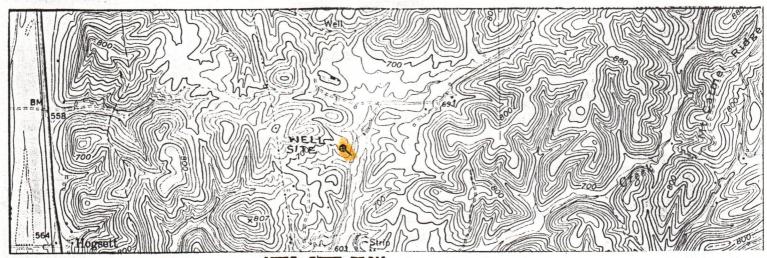
Department of Mines Gil und Gas Division

CONSTRUCTION AND RECLAMATION PLAN

Liver in the ACCESS ROAD		OIL & GAS DIVISIO
		LOCATION TO OF MAIN
Structure CMP Culvert 12" Min	(A)	Structure Drill Pit
Spacing		Material Earth
Page Ref. Manual 2:7 2:8		Page Ref. Manual
Later and the second second second	*	Well site on top of a
Structure	(B)	Structure flat point \
Spacing		Material
Page Ref. Manual		Page Ref. Manual
and the state of t		
Structure	(C)	Structure
Spacing		Material
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commercial timber is to be cut and s cut and removed from the site before		and repaired if necessary. All all brush and small timber to be begins.
cut and removed from the site before		t all brush and small timber to be begins.
cut and removed from the site before R Treatment Area I	dirt work	begins. Treatment Area II
cut and removed from the site before R Treatment Area I	dirt work	. Treatment Area II Lime 3 Tons/acr
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ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE APPLE GROVE



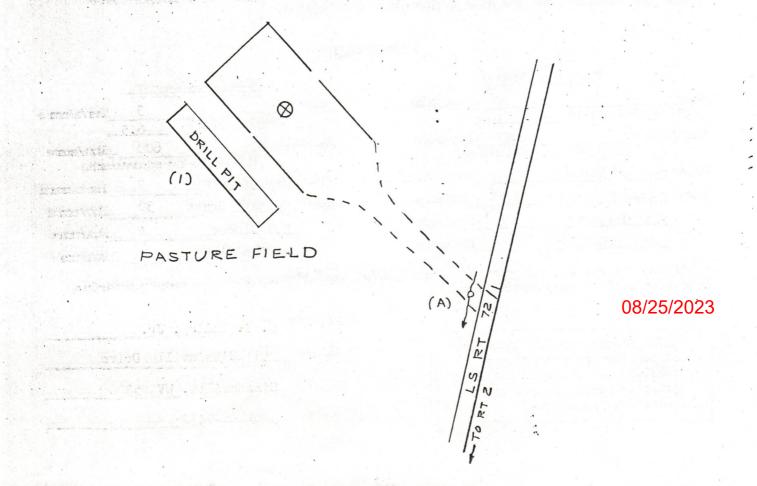


WELL SITE PLAN

:ketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

Property boundary

Road = - Spring O Wet spot We



1) Date: December 8

2) Operator's

1979 (4)

Well No. 3) API Well No. 47-053-0320 State County Permit

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

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SUI	RFACE OWN	ER(S) OF RECORD TO		5 (OPERATOR
	Name Dale				Addre	
(-)			25502			
	_			5(i		OWNER(S) WITH DECLARATION ON RECO
(ii)	Name				Name	Dale Nibert
	Address_					cess Apple Grove, WV 25502
			D 171	413 8	56	
(iii)			4 1 1.	CERTIFIED		cess
	Address_		and the second second			
	_		NO INSURANCE	COVERAGE PROVITERNATIONAL M	AIL	ESSEE WITH DECLARATION ON RECORD
				e Reverse)		
			Sent to	1 1 5 5 5	5 8 8 8	'ess
				Nibert	5 2 3	
		TO THE PERSON(S) NAM	Street and No.		* * *	i the following documents:
		(1) The Applica to be plugg	P.O., State and Z	IP Code	Park R	Form IV-4 if the well is
		and describ	Apple G	rove, WV	25502	rilling or other work, the proposed casing and
		cementing p (2) The plat (s	Postage	2.5		
		(3) The Constru		All the second	7 7 7 5 0	IV-6; and the well work is only to
		plug a well reclamation	Certified Fee	Lieux feet outil		ent control and for
		THE REASON YOU I	Special Delivery	Egg -	Bak T	REGARDING THE APPLICATION
		(FORM IV-2(B) OR FORM	Special Delivery	0 0 0 0 0 0		COPY OF THE APPLICATION QUIRED TO TAKE ANY
		ACTION AT ALL.	Restricted Delive	ry Fee	g a	COLUMN TO TAKE MIT
		Take notice that erator proposes to file	Return Receipt S	howing		undersigned well op-
		for a Well Work Permi	to whom and Da	Name and Address of the Owner, where the Party of the Owner, where the Party of the Owner, where the Party of the Owner, where the Owner, which the Owner, while the Owner, whil		accompanying documents d Gas, West Virginia
		Department of Mines, and depicted on attac	Return Receipt She		WA	on attached Application
		Construction and Recl by hand to the person	00	A DE	1 C2	cation, the plat, and the artified mail or delivered
		before the day of mai	TOTAL Postage	and Fees	•	roumstances) on or
		6) EXTRACTION RIGHTS	Postmark or Dat	1993		
		Check and provide	300,	1 1 1		
		Included is the	138	WV		contracts by which
		I hold the ri	O In Property of		Des Image	side for specifics
		7) ROYALTY PROVISIONS	S			777
		Is the right to extra	ct, produce or mari	ket the oil or	gas based up	pon a lease or leases DEC 1 2 1983
		of other contract of	contracts promiding	T tor flat and	waren her am	
		to the volume of oil	or gas so extracted	i, produced or	marketed?	not inherently related & GAS DIVISION Yes No AX
		If the answer	above is No, nothi	ing additional	is needed. 1	If the answer PYES,PT. OF MINES
		you may use Affidavit	FORM IV-60.			
		See the reverse s	side for line item	instructions,	and for inst	tructions concerning
		Reclamation Plan.	les of the Notice a	nd Application	, plat, and	Construction and
The t	ruth of t	he information or	the	WEILI	ī.	
		olication is verif				nion Drilling, Inc.
and s	worn to	and the Notice is			\	1
signe	ed on beha	of the Well Op	erator	By	Jan	ad of the
in my	County a	and State by				President of Production
			1005	Ac		ost Office Drawer 40
	8 day of	December on orminas 2	, 1983 .	· · · · · · · · · · · · · · · · · · ·		uckhannon, WV 26201
MĀ	CalliLSS1	on expires 3/3) 19 <u>97</u> .	Te	elephone	304-472-4610
	aluc	a Nix	ale			
	tary Publ	ic Opshur	County,	The state of the s		08/25/2023
St	ate of _	West Virginia				00/20/2020

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-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.

 $\frac{\text{Service}}{\text{with an interest in the coal.}} \text{ See Code § § } 22-4-lm, 22-4-2a, and 22-4-2b.}$

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—

- (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	
J. P. Childers, et. ux.	Cyclops Corporation	1/8	43/411	
Cyclops Corporation	Union Drilling, Inc.		49/507	



IV-35 (Rev 8-81)

State of Mest Wirginia

Bepartment of Mines Wil und Gas Division

Date	F'eb	ruary	16,1984	
Opera	ator's			
Well	No.	4A -	1979	
Farm	Dal	e Nibe	rt #11	

053

- 0320

API No. 47

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL HANGE 1 - 1984

OIL & GAS DIVISION

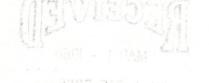
OIL & GAS DIVISION

LOCATION: Elevation: 682' Watershed	Flatfoot C	reek		
District: Clendenin County	Mason	Quadrangl	e Apple G	rove
COMPANY UNION DRILLING, INC.				
ADDRESS P.O.Drawer 40, Buckhannon, WV 26201	I Commission	I 7 .		Cement
DESIGNATED AGENT Joseph C. Vanzant, Jr.	Casing	Used in		fill up
ADDRESS P.O.Drawer 40, Buckhannon, WV 26201	Tubing	Drilling	in Well	Cu. ft.
SURFACE OWNER Dale Niebert	Size 20-16			
ADDRESS Apple Grove, WV 25502	Cond.			
MINERAL RIGHTS OWNER Same	13-10"	31.60'		
ADDRESS	9 5/8	826.15'		336 cf
DIL AND GAS INSPECTOR FOR THIS WORK	8 5/8			
ry Tephabock ADDRESS Rt#lBox 101-A,Ripley,WV	7	2031.55'	722.80	59 cf
PERMIT ISSUED 12/29/83 25271	5 1/2			
DRILLING COMMENCED 2/7/84	4 1/2	3219'		147 cf
DRILLING COMPLETED 2/12/84	3			
	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR	Liners			
REWORKING. VERBAL PERMISSION OBTAINED	used			1
SEOLOGICAL TARGET FORMATION Lower Huron	-	Dent	h 3000	o' fee
Depth of completed well 3346' feet	Rotary X			
Water strata depth: Fresh 78' 1212 feet;			10015	
Coal seam depths: none			od in the	areas no
	_ is coar	being nune	a in the	area:
DPEN FLOW DATA				
Producing formation Lower Huron				
Gas: Initial open flow show Mcf/d				
Final open flow 60 Mcf/d				
Time of open flow between init	ial and fi	inal tests	5 day No	XXXX
Static rock pressure not takenpsig(surface	e measuren	ment) after	hou	rs shut i
(If applicable due to multiple completion	1)		08/2	25/2023
Second producing formation	Pay	zone dept		
ous. Initial open flow MC1/d				
Gas: Initial open flow Mcf/d Final open flow Mcf/d	Oil: Fir	ual open fl	LOW	Bb1/0
Final open flow Mcf/d Time of open flow between init				

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

Nowsco - 1 stage foam frac - 2/20/84

2787/3108 - Lower Huron - 60,000# 20/40 sand,294 Bbls water and 972,000 scf nitrogen



WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all freshand salt water, coal, oil and gas
Sand & Shale Big Lime Injun Berea Lower Huron Angola	0 1259 1436 1919 2832 3117	1257 1436 1690 1941 3117 3198 3418	1/4" stream water @78' & 1212' T.D. Gas show

(Attach separate sheets as necessary)

Union Drilling, Inc.

Well Operator

: Seell +

09/25/2022

Date:

Vice President of Production

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 con!, encountered in the drilling of a well."

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. <u>0530</u>	<u>32</u> 0	,	Oil or Gas Well						
Company Chris	Dilling		CASING AND TUBING	USED IN DRILLING	LEFT IN	PACE	(ERS		
Address	7		Size						
Farm_ Nibe	erT.		16			Kind of Pac	ker		
Well No	1979 4	A	13			Size of			
District	County_	masor.	81/4			Size of			
Drilling commenced			6%			Depth set_			
Drilling completed	21784 Total de	epth	5 3/16						
Date shot	Depth of sh	ot	2		20000 20000 00000	Perf. top Perf. botton			
Initial open flow	/10ths W	ater inInch	Liners Used			Perf. top			
Open flow after tubing_	/10ths Me	erc. inInch				Perf. botton	1		
Volume		Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date		
Rock pressure	lbs	hrs.	NAME OF SER	VICE COMPA	NY				
011		bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES		
Fresh water	feet		FEET_		ES	FEET	INCHES		
Salt water	feet	feet	FEET_	INCH	ES	FEET	INCHES		
Drillers' Names	Rig H. D	GAry Ro	od						
Remarks:		. // ()	(14)	2 0	2	0			
2128	11:30pm	19' 43'	sq 95 385	Commit	by now	sco plu	glown		
	11:30pm	17-12-8	4 Sulled	27/15 74	159,				

2 1484

Jeng 1,08/25/2023

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

HORRIVAL 240 S. 310 INSPECTOR'S PLUGGING REPORT

COMPANY			ADDRESS			
FARM		DISTRICT				
ARM		DISTRICT.	CC	JUNTY		
'illing Material Used						
Liner Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOS
					7	
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			And Annie			
			and the same of th			/
						- 10 00
rillers' Names						
emarks:			The second secon			



State of West Birginia Bepartment of Mines Gil and Gas Bivision

Charleston 25305



FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT

	March 2,	1984
COMPANY	Union Drilling, Inc.	PERMIT NO 053-0320 11/83
P. 0	. Drawer 40	FARM & WELL NO Dale Nibert #4A
Buck	hannon, West Virignia 26201	DIST. & COUNTYClendenin/Mason
		IN COMPLIANCE
RULE	DESCRIPTION	YES NO
23.06	Notification Prior to Starting Work	*
25.04	Prepared before Drilling to Prevent	
25.03	High-Pressure Drilling	
16.01	Required Permits at Wellsite	*
15.03	Adequate Fresh Water Casing	X
15.02	Adequate Coal Casing	
15.01	Adequate Production Casing	X
15.04	Adequate Cement Strength	X
15.05	Cement Type	
23.02	Maintained Access Roads	
25.01	Necessary Equipment to Prevent Wast	
23.04	Reclaimed Drilling Pits	<u> </u>
23.05	No Surface or Underground Pollution	
23.07 16.01	Requirements for Production & Gather Well Records on Site	ering ripelines
16.02	Well Records Filed	
7.05	Identification Markings	
7.03	identification markings	
I HAVE I	NSPECTED THE ABOVE CAPTIONED WELL AN	ND RECOMMEND THAT IT BE RELEASED:
		SIGNED Jenni Tughabril
		DATE
with Cha	I record was received and reclamation opter 22, Article 4, Section 2, the as for the life of the well.	on requirements approved. In accordance above well will remain under bond
		Administrator-Oil & Gas Division
		August 24, 1984
		DATE