State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1

DISTRICT! P.O. Box 1980, Hobbs, NM 88240 P.O. Box 1980, Hobbs, NM 88240	WIRTH 30-025-29998
P.O. Box 1980, Hobbs, NM 88240 P.O. Box 2083 P.O. Box 2083 P.O. Box 2083 P.O. District II P.O. Drawer DD, Artesia, NM 88210 Santa Fe, New Mexico 375942018	Indicate Type of Lease
DISTRICT III 1000 Rio Brazos Rd., Azzec, NM 87410 JUL 1 4 19	STATE FEE A
SUNDRY NOTICES AND REPORTS ON WELL SERVATION OF THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OF PAUL EXC	ON DIV. CK TO A 7. Lease Name or Unit Agreement Name
(FORM C-101) FOR SUCH PROPOSALS.) I. Type of Well:	Arreguy 25
OIL X GAS WELL OTHER 2. Name of Operator	8. Well No.
Sun Exploration & Production Co. Oryy Energy Co. Address of Operator	1
P. 0. Box 1861. Midland, TX 79702	9. Pool name or Wildcat Towensend Permo Upper Penn
. Well Location	510
Unit Letter A : 810 Feet From The North Line and	d 510 Feet From The East Line
	34-E NMPM Lea County
10. Elevation (Show whether DF, RKB, RT, G 4035 GR	iR, etc.)
1. Check Appropriate Box to Indicate Nature of N	lotice, Report, or Other Data
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
ERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL V	NORK ALTERING CASING
EMPORARILY ABANDON CHANGE PLANS COMMENCE	E DRILLING OPNS. PLUG AND ABANDONMENT X
	ST AND CEMENT IOD
	ST AND CEMENT JOB
	ST AND CEMENT JOB
THER: OTHER:	
THER: OTHER:	dates, including estimated date of starting any proposed
OTHER: OTHER: OTHER: OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent work) SEE RULE 1103. 12/23/88 - MIRU X-pert WS, POH w/86 rod string & pump w/ 2-7/8" tbg & pumping setup to 2000'.	dates, including estimated date of starting any proposed , ND wellhead, NU BOP, rel TAC, POH ugh ran & set 5-1/2" CIBP @ 11,190', , NL McCullough, perf Wolfcamp from
THER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent work) SEE RULE 1103. 12/23/88 - MIRU X-pert WS, POH w/86 rod string & pump w/ 2-7/8" tbg & pumping setup to 2000'. 12/24/88 - FIN POH w/tbg & pumping setup, NL McCullot dump bailed 35' CMT on plug, PBTD 11,155' 20,250-10,260 w/ 15 spf 11 holes w/4" csg 12/28/89 - RIH w/OITS 5-1/2" NP perma latch pkr w/2.2 2-7/8" tbg to 10,275', Western spot 1500 craised pkr to 10,020', Rev acid into tbg, 1000#on annulus, Western acd'z. Wolfcamp per Flush to BTM perf w/2% KCL WTR, BDP 4650# ETP 4500# ISIP 4450# 15M 4350# AIR	dates, including estimated date of starting any proposed , ND wellhead, NU BOP, rel TAC, POH ugh ran & set 5-1/2" CIBP @ 11,190', , NL McCullough, perf Wolfcamp from gun, 22.5 GC, .39" EH. 25" 'N'nipple, 5-1/2" on-off tool & gal 15% NEFE HCL from 10,275-8775', set pkr w/18,000" Comp, Western Trap rfs 10,250-260' w/1500 gal 15% NEFE HC # MAX TP 4500 MIN TP 4450#, ATP 4500#,
THER: 12. Describe Proposed or Completed Operations (Clearly state all persinent details, and give persinent work) SEE RULE 1103. 12/23/88 - MIRU X-pert WS, POH w/86 rod string & pump w/ 2-7/8" tbg & pumping setup to 2000'. 12/24/88 - FIN POH w/tbg & pumping setup, NL McCullou dump bailed 35' CMT on plug, PBTD 11,155' 20,250-10,260 w/ 15 spf 11 holes w/4" csg 12/28/89 - RIH w/0ITS 5-1/2" NP perma latch pkr w/2.2 2-7/8" tbg to 10,275', Western spot 1500 graised pkr to 10,020', Rev acid into tbg, 1000#on annulus, Western acd'z. Wolfcamp per Flush to BTM perf w/2% KCL WTR, BDP 4650# FTP 4500#, ISIP 4450# 15M 4350#, AIR. 1/4/89 - Well open over weekend no flow, McCull ra 35' cmt on GIBP, TOC 10,135'. TIH w/2-7/8	dates, including estimated date of starting any proposed , ND wellhead, NU BOP, rel TAC, POH ugh ran & set 5-1/2" CIBP @ 11,190', , NL McCullough, perf Wolfcamp from gun, 22.5 GC, .39" EH. 25" 'N'nipple, 5-1/2" on-off tool & gal 15% NEFE HCL from 10,275-8775', set pkr w/18,000" Comp, Western Trap rfs 10,250-260' w/1500 gal 15% NEFE HCL # MAX TP 4500 MIN TP 4450#, ATP 4500#,
THER: 12 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent work) SEE RULE 1103. 12/23/88 - MIRU X-pert WS, POH w/86 rod string & pump w/ 2-7/8" tbg & pumping setup to 2000'. 12/24/88 - FIN POH w/tbg & pumping setup, NL McCullot dump bailed 35' CMT on plug, PBTD 11,155' 20,250-10,260 w/ 15 spf 11 holes w/4" csg 12/28/89 - RIH w/OITS 5-1/2" NP perma latch pkr w/2.2 2-7/8" tbg to 10,275', Western spot 1500 graised pkr to 10,020', Rev acid into tbg, 1000#on annulus, Western acd'z. Wolfcamp per Flush to BTM perf w/2% KCL WTR, BDP 4650/FTP 4500#, ISIP 4450# 15M 4350#, AIR. 1/4/89 - Well open over weekend no flow, McCull ra 35' cmt on CIBP, TOC 10,135'. TIH w/2-7/8	dates, including estimated date of starting any proposed , ND wellhead, NU BOP, rel TAC, POH ugh ran & set 5-1/2" CIBP @ 11,190', , NL McCullough, perf Wolfcamp from gun, 22.5 GC, .39" EH. 25" 'N'nipple, 5-1/2" on-off tool & gal 15% NEFE HCL from 10,275-8775', set pkr w/18,000" Comp, Western Trap rfs 10,250-260' w/1500 gal 15% NEFE HCL # MAX TP 4500 MIN TP 4450#, ATP 4500#,
THER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent work) SEE RULE 1103. 12/23/88 - MIRU X-pert WS, POH w/86 rod string & pump w/ 2-7/8" tbg & pumping setup to 2000'. 12/24/88 - FIN POH w/tbg & pumping setup, NL McCullot dump bailed 35' CMT on plug, PBTD 11,155' 20,250-10,260 w/ 15 spf 11 holes w/4" csg 12/28/89 - RIH w/OITS 5-1/2" NP perma latch pkr w/2.2 2-7/8" tbg to 10,275', Western spot 1500 craised pkr to 10,020', Rev acid into tbg, 1000#on annulus, Western acd'z. Wolfcamp per Flush to BTM perf w/2% KCL WTR, BDP 4650#, FTP 4500#, ISIP 4450# 15M 4350#, AIR. 1/4/89 - Well open over weekend no flow, McCull ra 35' cmt on GIBP, TOC 10,135'. TIH w/2-7/8 I hereby certify that the information above is true and complete to the best of my knowledge and belief.	dates, including estimated date of starting any proposed , ND wellhead, NU BOP, rel TAC, POH ugh ran & set 5-1/2" CIBP @ 11,190', , NL McCullough, perf Wolfcamp from gun, 22.5 GC, .39" EH. 25" 'N'nipple, 5-1/2" on-off tool & gal 15% NEFE HCL from 10,275-8775', set pkr w/18,000" Comp, Western Trap rfs 10,250-260' w/1500 gal 15% NEFE HCl # MAX TP 4500 MIN TP 4450#, ATP 4500#, an & set 5-1/2" CIBP at 10,230', dump B" tbg OE to 9997'.(cont. on attached
OTHER: 12 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent work) SEE RULE 1103. 12/23/88 - MIRU X-pert WS, POH w/86 rod string & pump w/ 2-7/8" tbg & pumping setup to 2000'. 12/24/88 - FIN POH w/tbg & pumping setup, NL McCullot dump bailed 35' CMT on plug, PBTD 11,155' 20,250-10,260 w/ 15 spf 11 holes w/4" csg 12/28/89 - RIH w/OITS 5-1/2" NP perma latch pkr w/2.2 2-7/8" tbg to 10,275', Western spot 1500 craised pkr to 10,020', Rev acid into tbg, 1000#on annulus, Western acd'z. Wolfcamp per Flush to BTM perf w/2% KCL WTR, BDP 4650# FTP 4500#, ISIP 4450# 15M 4350#, AIR. 1/4/89 - Well open over weekend no flow, McCull ra 35' cmt on CIBP, TOC 10,135'. TIH w/2-7/8 I hereby certify that the information shows is true and complete to the best of my knowledge and belief. SIGNATURE TITLE ACCOUNTS	dates, including estimated date of starting any proposed , ND wellhead, NU BOP, rel TAC, POH ugh ran & set 5-1/2" CIBP @ 11,190', , NL McCullough, perf Wolfcamp from gun, 22.5 GC, .39" EH. 25" 'N'nipple, 5-1/2" on-off tool & gal 15% NEFE HCL from 10,275-8775', set pkr w/18,000" Comp, Western Trap rfs 10,250-260' w/1500 gal 15% NEFE HCI # MAX TP 4500 MIN TP 4450#, ATP 4500#, an & set 5-1/2" CIBP at 10,230', dump B" tbg OE to 9997'.(cont. on attached) ountant DATE 1/11/89
DTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent work) SEE RULE 1103. 12/23/88 - MIRU X-pert WS, POH w/86 rod string & pump w/ 2-7/8" tbg & pumping setup to 2000'. 12/24/88 - FIN POH w/tbg & pumping setup, NL McCullot dump bailed 35' CMT on plug, PBTD 11,155' 20,250-10,260 w/ 15 spf 11 holes w/4" csg 12/28/89 - RIH w/0ITS 5-1/2" NP perma latch pkr w/2.2 2-7/8" tbg to 10,275', Western spot 1500 craised pkr to 10,020', Rev acid into tbg, 1000#on annulus, Western acd'z. Wolfcamp per Flush to BTM perf w/2% KCL WTR, BDP 4650# FTP 4500#, ISIP 4450# 15M 4350#, AIR. 1/4/89 - Well open over weekend no flow, McCull ra 35' cmt on GIBP, TOC 10,135'. TIH w/2-7/8 I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE TITLE ACCOUNTS	dates, including estimated date of starting any proposed , ND wellhead, NU BOP, rel TAC, POH ugh ran & set 5-1/2" CIBP @ 11,190', , NL McCullough, perf Wolfcamp from gun, 22.5 GC, .39" EH. 25" 'N'nipple, 5-1/2" on-off tool & gal 15% NEFE HCL from 10,275-8775', set pkr w/18,000" Comp, Western Trap rfs 10,250-260' w/1500 gal 15% NEFE HCl # MAX TP 4500 MIN TP 4450#, ATP 4500#, an & set 5-1/2" CIBP at 10,230', dump B" tbg OE to 9997'.(cont. on attached
OTHER: 12 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent work) SEE RULE 1103. 12/23/88 - MIRU X-pert WS, POH w/86 rod string & pump w/ 2-7/8" tbg & pumping setup to 2000'. 12/24/88 - FIN POH w/tbg & pumping setup, NL McCullot dump bailed 35' CMT on plug, PBTD 11,155' 20,250-10,260 w/ 15 spf 11 holes w/4" csg 12/28/89 - RIH w/OITS 5-1/2" NP perma latch pkr w/2.2 2-7/8" tbg to 10,275', Western spot 1500 craised pkr to 10,020', Rev acid into tbg, 1000#on annulus, Western acd'z. Wolfcamp per Flush to BTM perf w/2% KCL WTR, BDP 4650# FTP 4500#, ISIP 4450# 15M 4350#, AIR. 1/4/89 - Well open over weekend no flow, McCull ra 35' cmt on GIBP, TOC 10,135'. TIH w/2-7/8 I hereby certify that the information above is true as complete to the best of my knowledge and belief. SIGNATURE TITLE ACCOUNT. TITLE ACCOUNT. TITLE CONDITIONS OF APPROVAL, IF ANY:	dates, including estimated date of starting any proposed , ND wellhead, NU BOP, rel TAC, POH ugh ran & set 5-1/2" CIBP @ 11,190', , NL McCullough, perf Wolfcamp from gun, 22.5 GC, .39"EH. 25" N'nipple, 5-1/2" on-off tool & gal 15% NEFE HCL from 10,275-8775', set pkr w/18,000" Comp, Western Trap rfs 10,250-260' w/1500 gal 15% NEFE HCL # MAX TP 4500 MIN TP 4450#, ATP 4500#, an & set 5-1/2" CIBP at 10,230', dump B" tbg OE to 9997'.(cont. on attached ountant DATE TELEPHONE NO. DATE
OTHER: 12 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent work) SEE RULE 1103. 12/23/88 - MIRU X-pert WS, POH w/86 rod string & pump w/ 2-7/8" tbg & pumping setup to 2000'. 12/24/88 - FIN POH w/tbg & pumping setup, NL McCullot dump bailed 35' CMT on plug, PBTD 11,155' 20,250-10,260 w/ 15 spf 11 holes w/4" csg 12/28/89 - RIH w/0ITS 5-1/2" NP perma latch pkr w/2.2 2-7/8" tbg to 10,275', Western spot 1500 craised pkr to 10,020', Rev acid into tbg, 1000#on annulus, Western acd'z. Wolfcamp per Flush to BTM perf w/2% KCL WTR, BDP 4650# FTP 4500#, ISIP 4450# 15M 4350#, AIR. 1/4/89 - Well open over weekend no flow, McCull ra 35' cmt on CIBP, TOC 10,135'. TIH w/2-7/8 Thereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE ACCOUNTS	dates, including estimated date of starting any proposed ND wellhead, NU BOP, rel TAC, POH ugh ran & set 5-1/2" CIBP @ 11,190', NL McCullough, perf Wolfcamp from gun, 22.5 GC, .39"EH. 25" N'nipple, 5-1/2" on-off tool & gal 15% NEFE HCL from 10,275-8775', set pkr w/18,000" Comp, Western Trap rfs 10,250-260' w/1500 gal 15% NEFE HCL # MAX TP 4500 MIN TP 4450#, ATP 4500#, an & set 5-1/2" CIBP at 10,230', dump B" tbg OE to 9997'.(cont. on attached ountant DATE 1/11/89 TELEPHONE NO.

Page 2 - Cont.

- 12. Describe Proposed or Completed Operations:
- 1/5/89 FIH w/2-7/8" tbg OE to 10,108', BJ-Tital displaced hole w/10 ppg mud, POH LD 2-7/8" tbg to 7360', BJ-Tital mix & spot 12 sk Class H cmt plug from 7360' to 7260', POH LD 2-7/8" tbg to 4300', fin POH.
- 1/6/89 ND BOP & 'C' Section, weld on 5-1/2" N-80 Lift nipple, PU on 5-1/2" csg & remove slips, rotary WS ran free point, 5-1/2" 100% stuck @ 4600' & 100% free @ 4350', Ran jet cutter & cut csg @ 4350', PMI 1-5-89. POH LD 50 jets 5-1/2" 17# N-80 BTC csg & 50 jts 17# N-80 LTC csg.
- TIH w/2-7/8" tbg OE to 4390', BJ-Titan spot 100' Class H cmt plug from 4390' to 4290', POH to 4150', WOC 4 hrs., lwr & tag cmt at 4310', POH LD tbg to 2000', BJ-Titan spot 30 sks Class H neat cmt plug from 2000' to 1900', POH LD 2-7/8" tbg, spot 10 sks surf plug, ND B section of wellhead, cut off wellhead 4' BGL, weld on steel plate and dry hole marker, back fill cellar.

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Astesia, NM 88210

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 Revised 1-1-89 See Instructions at Bottom of Page

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION

	REQU	EST FC	OR AL	LOWAI	BLE AND A	AUTHORIZ	ATION			
I	T	OTRA	NSPC	ORT OIL	AND NAT	FURAL GA				
Operator							Well A	PI No.		
Orvx Energy Company							30	-025-29	998	
Address								٢.	Adding to the co	
P. O. Box 1861, Mid1	and, Te	xas 7	9702					<u> </u>	18 11 1 (12)	EN VIET
Reason(s) for Filing (Check proper box)					Othe	r (Please explai	in)			u. u.s.
New Well		Change in							HIME	2 3 1989
Recompletion	Oil	_	Dry Ga						2014	- 7 1303
	Casinghead	i Gas	Conden	sate	Plug	<u>ged - Not</u>	releas	ed	OH COMS	RVATION ON
If change of operator give name and address of previous operator. Sun	Explo	ation	& Pr	oducti	on Co.,	P. O. Box	1861,	Midland	, Texas	79702
										, <u></u>
II. DESCRIPTION OF WELL	AND LEA						1			
Lease Name	ľ				ing Formation	D		f Lease Federal or Fee	1 -	ase No.
Arreguy "25"		1	TOM	nsent	Permo Up	per Penn			Fee	
Location									•	
Unit Letter A	: 810		Feet Fn	om The \underline{N}	orth Lin	and <u>510</u>	Fe	et From The _	East	Line
Series 25 Terrobia	15.0			0.4 -			-			_
Section 2 Township	15-S		Range	34-E	, NI	мрм,	Lea			County
THE INVOICED LARRY ON OUT THE AND	on a narci	n of ot	T A 1811	D 314 1771	DAT 040					
III. DESIGNATION OF TRANS Name of Authorized Transporter of Oil	SPURIE	or Conden		DNAIL		e address to wh	ich anneaud	come of this fi	nem is to be se	mt)
Name of Aminonzed Transporter of On		OI COLOCII	ball		Audiess (CIV	e dans ess to with	en approved	copy of mest	um s n oc sc	, <u></u> ,
Name of Authorized Transporter of Casing	head Gas		or Dry	Geo [Address (Giv	e address to wh	ich annend	samu of this f	orm is to be se	>=<1
Name of Authorized Hamsporter of Casing	irau Gas	لـــا	or Dry	<u>س</u>	Viginess (Oth	e dans is in wi	ил аррготеа	copy of this je	um w w ve re	, a j
If well produces oil or liquids,	l Unit	Sec.	Twp.	Don	ls gas actuali	v connected?	When	7		
give location of tanks.	1	J	· ·	i ve	10 820 00000	y connected.	1 ********	•		
If this production is commingled with that i	inom any oth	er lease or i	nod eiv	e commine	ling order word	her				· · · · · · · · · · · · · · · · · · ·
IV. COMPLETION DATA	iom any om	u rus or j	www, gov	e continue	ting clock pain					
Tr. Com Berrow Brita		Oil Well	7	Gas Well	New Well	Workover	Deepen	Diva Dack	Same Res'v	Diff Res'v
Designate Type of Completion	- (X)	lon wen	· ¦ `	THE MET	I trem wer	WOLLOVER	Deepen	Link Dack	joanne res v	l ver
Date Spudded		d. Ready to	Prod		Total Depth	!		P.B.T.D.	l	
			•••	•				1		
Elevations (DF, RKB, RT, GR, etc.)	Name of Pr	oducing Fo	mation		Top Oil/Gas	Pay		Tubing Dep	th	
					'	-				
Derforations	<u> </u>				<u> </u>			Depth Casin	ng Shoe	

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104 Revised 1-1-89 See Instructions at Bottom of Page

DISTRICT II P.O. Drawer DD, Antesia, NM 88210

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

OIL CONSERVATION DIVISION

DISTRICT III 1000 Rio Brazos Rd., Azzec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION

I	T	OTRA	NSP	ORT OIL	AND NA	TURAL GA				
Operator							Well A			
Oryx Energy Company						·	3(-025-29		
P. O. Box 1861, Midl	and. Te	xas	7970	2					(15(15)	EN MAL
Reason(s) for Filing (Check proper box)					Oth	et (Please expla	in)			
New Well		Change in							IIIM 2	3 1989
Recompletion	Oil Casinghead		Dry G	_	D1	ged - No	+ * 01000			
If change of operator give name						P. O. Bo:			OIL CONSE	RYATION DIV.
			Q I	Toductio	on co.,	г. О. во.	x 1001,	MIGIANG	, rexas	II A FEO 2
II. DESCRIPTION OF WELL A			In 1 1	V Y14:			l tel. A	<u> </u>		ase No.
Arreguy "25"]	Well No.		Name, Includio Wnsent I	-	per Penn		of Lease Federal or Fe		
Location			1		•	•				
Unit Letter A	: 810	· 	_ Feet I	rom The No	orth Lin	and 510	Fe	et From The	East	Line
Section 25 Township	15 0			2 / F		erro 4	T			
Section 23 Township	15-S		Range	34-E	, NI	MPM,	Lea			County
III. DESIGNATION OF TRANS	SPORTE	R OF O	IL A	ND NATU						
Name of Authorized Transporter of Oil		of Conde	nsate		Address (Giv	e address to wi	iich approved	copy of this f	orm is to be se	ਖ)
Name of Authorized Transporter of Casing	head Gas		or Dr	y Gas	Address (Giv	e address to wi	rich approved	copy of this f	iorm is to be se	nt)
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp	Rge.	is gas actuali	y connected?	When	?		
If this production is commingled with that f	rom any othe	r lease or	pool, g	ive comming)	ing order num	ber:				
IV. COMPLETION DATA		Oil Well		Gas Well	New Well	Workover	D	Mara Darah	Same Res'v	Diff Res'v
Designate Type of Completion -	· (X)	I CII MEI	' ¦	Gas Well	I WEM METT	WOIKOVER	Deepen	l Ling Back	Pattie Kes A	Dill Kesv
Date Spudded	Date Comp	l. Ready to	o Prod.		Total Depth	*		P.B.T.D.	<u> </u>	
Elevations (DF, RKB, RT, GR, etc.)	Name of Pr	oducing F	ormatic	<u> </u>	Top Oil/Gas	Pay		Tubing Dep	th	
Perforations	<u> </u>				l 			Depth Casin	ng Shoe	
	Т	UBING.	CAS	ING AND	CEMENTI	NG RECOR	D	1		
HOLE SIZE		ING & T				DEPTH SET			SACKS CEM	NT
					 -		· · · · · · · · · · · · · · · · · · ·			
V. TEST DATA AND REQUES										. •
OIL WELL (Test must be after re	Date of Tes		of load	l oil and must		exceed top alle ethod (Flow, pr			jor full 24 hou	**.)
Date The Tew On Run 10 Talk	Date of Tes				1 rouseing in	outou (. 1011) p.		<i>,</i>		
Length of Test	Tubing Pres	ssure			Casing Press	ure		Choke Size		
Actual Prod. During Test	Oil - Bbls.				Water - Bbis	·		Gas- MCF		
	Oil - Bois.				77801 - 2012	-				
GAS WELL								·	•	
Actual Prod. Test - MCF/D	Length of	lest			Bbls. Conde	sate/MMCF	····	Gravity of	Condensate	
						. , , , , , , , , , , , , , , , , , , ,				
Testing Method (pitot, back pr.)	Tubing Pre	eane (Shu	il-in)	•	Casing Press	ure (Shut-in)		Choke Size		
VI. OPERATOR CERTIFIC	ATE OF	COM	PLIA	NCE		OII	IOED\	ATION	DIV // O/ C	\\\
I hereby certify that the rules and regul					1	OIL CON	NOEHV.	ATION 1111	DIVISIC)N 00
Division have been complied with and is true and complete to the best of my i			ven ado	ve	Dot	. A	. 	្នុប្រ	4 1 9 19	02
J P.	12				Date	Approve			المامالية	
Mary L. F.	erg			 -	By .	for	Teel	92	rah	
Signature Maria L. Perez	2	Accoun	tant	:				James 4		
Printed Name			Title		Title			logist		
6-1-89 Date	. 91	15-688 Te	-037 lephone		1					
					الـ			والمنافق والمنافق والمنافق		

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

TIOT AND WHITE THE OF		INT
DISTRIBUTION		
SANTA FE		
FILE		
U.S.O.S.		
LAND OFFICE		
OPERATOR	1	

. ().	willed to	DISTRICT 1 SUPERVISO	NOV 1 6 1988
Marco Du Am		TITLE Accountant	DATE 11-14-88
18. I hereby certify that the	WASH ACID ACROSS PERFS. PKR W/18 PTS COMPRESSION TO BTM PERF USING 2% KCL	RAISE PKR TO ±10100'. RI . ND BOP. NU WH. TRAP . FSH WTR. MAX TP 40005 PSC . HCO. AS	1000 PSI CP. DISP ACID IMOMINATORATESOFBE NEBMFIED 24 PRICE TO THE BESINNING OF
3.	PROFILE & 2.205" NO-GO) OTIS IN HOBBS - SUN OWNE	•	260' (PKR IS AVAILABLE @
2.	PERF WOLFCAMP SET III 10 22.5 GM, .39" EH CSG GUN	W/5-1/2", 17# CIBP ON WL 10/09/87. DUMP BAIL 35' (250-10260, 1 JSPF, TOTAL (ATLAS JUMBO JET II CHARO 7 (FLAT TO SCHLUM GR/CCL)	OF CMT ON TOP OF CIBP. 11 HOLES USING 4" OD, GES) VIA SCHLUM
work) SEE RULE 1703	MIRU PU. POH W/86 TAPER PUMP. ND WH. NU BOP.	, KD ROD STRING & 2-1/2 x RLSE BAKER TAC @ ±11091 AN DOWN TOP ±900' OF TBG AN	1-1/4 x 24' RHBC ROD ND POH W/2-7/8", 6.5#,
17 Describe Proposed or C	Completed Operations (Clearly state all p	ertinent details, and give pertinent dates.	including estimated date of starting any proposed
PULL OR ALYER CASING	CHANGE PLAN	OTHER	· Ш
PERFORM REMEDIAL WORK	PLUG AND AS	COMMENCE DRILLING OPHS.	ALTERING CASING PLUG AND ABANDONMENT
нот	Check Appropriate Box To In ICE OF INTENTION TO:	ndicate Nature of Notice, Report	rt or Other Data EQUENT REPORT OF:
	4035' G	R	Lea
THE East		DOW Whether DF, RT, GR, etc.)	I2. County
UNIT LETTERA	810 PEET PROM THE	North LINE AND 510	Townsend Permo Upp
P.O. Box 18	361, Midland, Texas		1 10. Field and Pool, or Wildcat
Sun Explora 3. Address of Operator	ation & Production Co	mpany	Arreguy 25
2. Name of Operator	OTHER-		8. Farm or Lease Name
1.	OPM FOR PROPOSALS TO DRILL OR TO DEEPE E "APPLICATION FOR PERMIT -" (FORM C-1	ON OR PLUS BACK TO A DIFFERENT RESERVOIR	7. Unit Agreement Name
	SUNDRY NOTICES AND REPO	NOW 17 1999 HA	
U.S.O.S. LAND OFFICE OPERATOR			State State Oil & Gas Lease No.
SANTA FE	SANTA F	FE, NEW MEXICO 87501	Revised 19-1-7:
DISTRIBUTION	SIE CON:	P. O. BOX 2088	Form C-103

CONDITIONS OF SPROVAL, IF ANY:

- SWAB BACK L&AW. EVALUATE FE RATE & CONTENT.
- 6. IF REQUIRED FOR EVALUATION, PUT ON PUMP AS FOLLOWS: ND WH. NU BOP. RLSE PKR & POH W/TBG & PKR. RIH W/31' B.P. MA, PERF SUB, SN, 2 JTS 2-7/8" TBG & TAC ON 2-7/8" PROD TBG. TS ±10306, MA ±10275, PS ±10271, SN ±10270, TAC ±10208. ND BOP. NU WH. RIH W/2-1/2 x 1-1/4 x 24' RHBC PUMP ON 86 TAPER 'KD' ROD STRING (199 3/4", 110 7/8", 102 1"). SPACE OUT AS NECESSARY. CHECK PUMP ACTION & RLSE RIG.
- 7. IF WOLFCAMP TEST @ 10250-260 PROVES UNECONOMIC CONTINUE W/PROCEDURE TO PLUG & ABANDON WELL. POH W/RODS & PUMP LAYING DOWN. HAVE WAREHOUSE PICK-UP RODS FOR POSTELLE INSPECTION. ND WH. NU BOP. RLSE TAC & POH W/2-7/8" TBG & PUMPING SET-UP STANDING BACK. NOTE: PLUGGING PROCEDURE DISCUSSED W/PAUL KONTZ, N.M.O.C.C. OF HOBBS (505-393-6161) ON 11/4/88. CONTACT N.M.O.C.C. 24 HRS PRIOR TO BEGINNING OPERATIONS.
- 8. RIH W/5-1/2", 17# CIBP ON 2-7/8" PROD TBG TO ±10230. SET CIBP. CIRC HOLE W/10#/GAL MUD LADEN FLUID (±250 BBLS). SPOT 35' CLASS 'C' CMT PLUG ON TOP OF CIBP.
- 9. POH W/2-7/8" TBG LAYING DOWN TO ±7360' (TOP OF TUBB @ 7312'). SPOT 100' CLASS 'C' NEAT CMT PLUG FROM 7360' TO 7260'. POH W/2-7/8" TBG LAYING DOWN (LEAVE ±4300' TBG STANDING BACK).
- 10. ND BOP. WELD ON LIFT SUB. WORK CSG. TOC IS ±4400' VIA TEMP SURVEY.
 DETERMINE FREE POINT. CONTACT REGION OFFICE IF F.P. IS ABOVE 4000'. CUT
 CSG 100' ABOVE FREE POINT USING 4-1/2" JET CUTTER. POH W/5-1/2", 17#
 K-55, B<C PRODUCTION CSG LAYING DOWN.
- 11. RIH W/2-7/8" PRODUCTION TBG TO TOP OF 5-1/2" CSG STUB. SPOT A 100' CLASS 'C' NEAT CMT PLUG @ CSG STUB FROM 50' BELOW TO 50' ABOVE TOP OF STUB TOP (±18 SKS). WOC. TAG TOP OF PLUG W/TUBING.
- 12. SPOT A 100' CLASS 'C' NEAT CMT PLUG @ ±4850-4750 (INTERMEDIATE CS).
- 13. SPOT A 100' CLASS 'C' NEAT CMT PLUG @ ±2000' (±26 SKS) AT TOP OF SALT (1885').
- 14. SPOT A 10 SK CLASS 'C' NEAT CMT PLUG @ SURFACE. POH.
- 15. CUT OFF WELLHEAD 4' BGL & WELD ON STEEL PLATE. INSTALL DRY HOLE MARKER. CLN LOCATION. RLSE RIG.

*ADDITIVES FOR 15% NEFEHCL

2 GPT I-17 (CORROSION INHIBITOR)
1 GPT NINE-40 (NON-EMULSIFIER)
10 GPT XR-2L (CITRIC ACID)
10 GPT AC-2 (ACETIC ACID)

(A) (A) (A)

OCC NGBBS OFFICE

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or despend well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filled in quintuplicate except or state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

		Sout	heastern New Mexico	Northwestern	n New Mexico
T. Yate T. 7 Ri T. Quee T. Gray T. San T. Glor T. Pado T. Drin T. Tubl T. Drin T. Abo T. Wolf T. Pen T Cisco	vers rburg Andres ieta dock ebry kard camp n o (Bough	1787 1885 2954 3197 3760 4170 4500 6079 7312 8024 9697 C) 10624	T. Canyon 11054 T. Strawn 11680 T. Atoka 11902 T. Miss T. Devonian T. Silurian T. Montoya T. Simpson T. McKee T. Ellenburger T. Gr. Wash T. Granite T. Delaware Sand T. Bone Springs T.	T. Ojo Alamo T. Kirtland-Fruitland T. Pictured Cliffs T. Cliff House T. Menefee T. Menefee T. Point Lookout T. Mancos T. Gallup Base Greenhorn T. Dakota T. Morrison T. Todilto T. Entrada T. Wingate T. Chinle T. Permian T. Penn. "A" GAS SANDS OR ZONES No. 4, from.	T. Penn. "B" T. Penn. "C" T. Penn. "D" T. Leadville T. Madison T. Elbert T. McCracken T. Ignacio Qtzte T. T. T. T. T. T. T.
·			to	No. 6, from	
Include d	ata on ra	te of water	inflow and elevation to which water		
No. 1, fro	M		toto	453L	o d'a compans de la compansión de la compa
No. 2, fro	m	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	······································	deel	Odro primo a necestr like a se condecento accore mala pour respeciu obsesse proper
No. 3, fro	m	Europaparen en establisha fr			a.A. 1900 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
No. 4, fro	m				***************************************
From	To	Thickness	Formation	From To Thickness in Feet	Formation
1787	1885	98	Anhydrite	8024 8200 176 Sha	le, Dolomite & Anhy.

From	То	Thickness in Feet	Formation	From	То	Thickness in Feet	Formation
1787	1885	98	Anhydrite	8024	8200	176	Shale, Dolomite & Anhy.
1885	2800	915		8200	9697	1497	Shaley Dolomite
2800	2954	154	Anhy, Silty Dolomite	9697	11197	1500	Lime and Shale
2954	3197	243	Sand, Siltstone w/Dolomite	11197	11280	83	Limestone
		1	and Anhydrite	11280	11902	666	Limestone & Shale
3197	4170	973	Dolomite, Siltstone w/ Anhydrite	11902	12050	148	Shale
4170	8024	3854	Domomite with sand and Shale	NUV OCD OFFICE	RECEIV 1987	(69)	

DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	

OIL CONSERVATION DIVISION

DISTRIBUTION		P. O. BOX 2088	•	Form C-103 - Revised 10-1-7
SANTA PE FILE	SANTA F	E, NEW MEXICO 87501		
U.S.O.S.	 - 	•	5a. Indicate T	
LAND OFFICE			State	Fee X
OPERATOR			5, State Oil 6	Gas Lease No.
	<u></u>			mmm
	NDRY NOTICES AND REPORT TO DEEPER INTERPORT OF THE PROPOSALS TO DRILL OR TO DEEPER INTERPORT CONTROL OF THE PROPOSALS TO DEEPER INTERPORT OF THE PROPOSALS TO D	ORTS ON WELLS N OF PLUG BACK TO A DIFFERENT RESERV	VOIR.	
OIL Y GAB WELL	OTHER-	Ball of Carrier State of the	7. Unit Agree	ment Name
2. Name of Operator	· · · · · · · · · · · · · · · · · · ·	W DED - 7 (887) 1	8. Form or Le	ase Name
Sun Exploration & Pro	duction Company	The state of the s	Arreguy	25
P.O. Box 1861, Midlan	d, Texas 79702		1 1	
4. Location of Well	•		10. Field and	Pool, or Wildcat Penn
UNIT LETTER	810 FEET FROM THE	North LINE AND 510	reer room Townsend	Permo Upper
THE East LINE. S	ECTION 25 TOWNSHIP	15S HANGE 34E	нмрм.	
THITTITITE TO THE	15. Elevation (Sh	ow whether DF, RT, GR, etc.)	12. County	11111111
	4035	' GR	Lea	
16. Che	ck Appropriate Box To In	dicate Nature of Notice, Re		
	F INTENTION TO:		BSEQUENT REPORT C	OF:
•		!		
PERFORM REMEDIAL WORK	PLUG AND AS	AHDON REMEDIAL WORK		TERING CASING
TEMPORARILY ASANDON		COMMENCE DRILLING OPH	s	UG AND ABANDONMENT
PULL OR ALTER EASING	CHANGE PLAN			0 105 4-4-4 873
		OTHER 10 COPPE 11/2/87	ct total depth on	C-105 dated X
OTHER				
17. Describe Proposed or Complete	d Operations (Clearly state all pe	ertinent details, and give pertinent da	tes, including estimated date	of starting any proposed
work; SEE RULE 1103.			•	
				•
		•		
Total Depth	12,050'			
PDTD	11,320'			•
			•	
See attached	wellbore sketch			
see accached	wellbore sketch	•		
			,	
		·	•	
		•		
		•		,
	·			
				•
8 I harabu analisu shas sha lafanni	tion shows in the section of	o the best of my knowledge and belie		
A	is true and complete t	A rue heat of the attomisting and perse	10	
Mar Par		Accociato Accounta	n+ 1	1/2//07
IGNED /V/Weig / Sh		Associate Accounta	IIL DATE 1	.1/24/87
(/	1/1/		•	
turn.	Weller	DISTRICT 1 SUPERVI	SOD MIDE	c 1 1987
ONDITIONS OF A POPONAL IS	ANV	WAS THE TOWN TO SUPERVI	SOR BATES	7
THE PROPERTY OF THE PROPERTY O	· · · · . · ·			

	• 111
so, as torico accesses	المالية على المعلى المعلى المالية المعلى المعلى المعلى المعلى المعل
DISTRIBUTION	OIL CONS
SANTA PE	
FILE	
U.S.G.A.	SANTA FI
LAND OFFICE	The second section is the second
TRANSPORTER OIL	
GA8	BEQUI
OPERATOR	The state of the s
PROBATION OFFICE	AUTHORIZATION TO
I ·	
Operator	
Sun Exploration 8	Production Co.
Address	
P 0 Box 1861. M	idland, Texas 79702
Reason(s) for filing (Check pro	per box i
New Aeli	Change in Transporter of:
Recompletion	OII
Change in Ownership	XX Casinghead Gas
If change of ownership give : and address of previous own	
II. DESCRIPTION OF WEI	L AND LEASE
Lease Name	Well No. Pool Name, inc
Arreguy 25	1 Townse
Location	
Unit LetterA	810 Feet From The No
Line of Section 25	Township 15-S Re

Form C-104 Revised 10-01-78 Format 06-01-83 Page 1

ERVATION DIVISION P. O. BOX 2088

E, NEW MEXICO 87501

TRAMSPORTER GAS	ــــ قىقى «	REQUEST	FOR ALLO	WABLE		
PROPATION OFFICE			AND			
I.	AUTHORIZA	ation to tra	WSPORT O	IL AND NATU	IRAL GAS	
Operator						
Sun Exploration & Produc	tion Co.					
Address	•					
P. O. Box 1861, Midland,	Texas 79	9702				
Reason(s) for filing (Check proper box)				Other (Pleas	e explain)	
New Well	Change in Tr	ansporter of:	_	To add	assinahasd ass as	thouse
Recompletion	L OII	<u>_</u>	Dry Gas	10 auu	casinghead gas ga	unerer
Change in Ownership	XX Casinghe	ead Gas	Condensate			
If change of ownership give name	•					
and address of previous owner						
II. DESCRIPTION OF WELL AND L	FASE		•		•	
Lease Name		ol Name, includi	ng Formation	·····	Kind of Lease	Lease No.
Arreguy 25	1 1	Townsend	Permo Up	per Penn	State, Federal or Fee	Fee
Location						
Unit Letter A 810	_ Feet From T	north	Line and	510	Feet From TheEas	t
Line of Section 25 Townshi	_{1p} 15-S	Range	34-E	, NMPL	ı, Lea	County
III. DESIGNATION OF TRANSPOR	TER OF OIL		RAL GAS		7.7.	
Name of Authorized Transporter of Oil		enacte 🗀			to which approved copy of the	
Sun Refining & Marketing Name of Authorized Transporter of Casingh		Dom Co (-)			9, Tulsa, Oklahoma so which approved copy of the	
J. L. Davis	read Cas VVI	or Dry Gas	1.	•	• •	•
Un. L. Davis	it Sec.	Twp. Rge.		ctually connect	do, Midland, Texas	79701
It well produces out or tidulas,	A 25	115-S 34-		Yes	11-15-87	,
If this production is commingled with th	at from any o	ther lease or p	ool, give con	opio gnilgnima	t unupet:	
NOTE: Complete Parts IV and V on	n reverse side	if necessary.				
AT CEPTEICATE OF COMMIANO			11.	שוו כ	ONSERVATION DIVIS	SIONI
VI. CERTIFICATE OF COMPLIANCE	t.		\ ' '	/ 1.20	NUN 1 8 1007	
I hereby certify that the rules and regulations of			. 16	29/νεβ	-NUV-1 0-1991	
been complied with and that the information given we knowledge and belief.	ven is true and c	omplete to the bes	11	1 16	pe 1 Solling	
my anomicoge and beats.			BY	7	9 Dugan	
			TYTY	E_DIST	SICT LEUPEDWICE	<u> </u>
\wedge \wedge			/,	7-1- form 10 to	be filed in compliance w	/K
Mun Inanco			(8		uest for allowable for a pe	· ·
(Signature)	,		well.	this form mus	t be accompanied by a tal	culation of the deviation
Accounting Associate		·	11		well in accordance with a	
11-12-87			able	on new and re	this form must be filled a completed wells.	• •
· (Date)					Sections I, II. III. and VI r, or transporter, or other as	

Separate Forms C-104 must be filed for each pool in multiply completed wells.

Designate Type of Completi		Oll Mell	Gas Well	New Well	Workover	Deepen	Plug Back	Same Restv.	DILL Re
Date Spudded	Date Compi.	Ready to P	rod.	Total Depti	<u> </u>	<u> </u>	P.B.T.D.	<u> </u>	<u>i</u>
Elevations (DF, RKB, RT, GR, etc.,)	Name of Pro	ducing Form	action	Top OII/Go	s Pay		Tubing Dep	th	
Perfordtions				<u>.</u>			Depth Cast	ng Shoe	
		TUBING,	CASING, AN	D CEMENTI	NG RECOR	0			
HOLE SIZE	CASIN	G & TUBII	NG SIZE		DEPTH SE	Τ	S/	ACKS CEMEN	47
V. TEST DATA AND REQUEST OIL WELL	FOR ALLO	WABLE (Fest must be a able for this d	epek or be for	full 24 hours	}		qual to or exce	eed top ai
V. TEST DATA AND REQUEST OIL WELL Date First New Oil Run To Tanks	FOR ALLO		Feet must be a able for this d	epek or be for	of total volum full 24 hours) Nethod (Flow,	}		qual to or exca	sed top al
OIL WELL		,	Fest must be a ble for this d	epek or be for	full 24 hours; Method (Flow,	}			sed top al
OIL WELL Date First New Oil Run To Tanks	Date of Test	,	Feet must be d bla for this d	Producing)	full 24 hours	}	ift, etc.)		eed top a
OIL WELL Date First New Oil Run To Tanke Length of Test Actual Prod. During Test	Date of Test	,	Fees must be a sble for this d	Producing a Casing Pre-	full 24 hours	}	ift, etc.)		eed top a
OIL WELL Date First New Oil Run To Tanks Length of Teet	Date of Test	sure	Test must be a ble for this d	Producing b Casing Pro- Water-Bbis	full 24 hours	pump, gas l	ift, etc.)		eed top a

HON TA 1631

	4 1v 4 p	
DISTRIBUTI	OM	
BANTA PE		
FILE		
U.1.0.1.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PROBATION OF	· ICE	

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-104 Revised 10-01-78 Format 06-01-83 Page 1

Separate Forms C-104 must be filed for each pool in multiply completed wells.

REQUEST FOR ALLOWABLE

OPERATOR	AND
AUTHORIZATION TO TRA	NSPORT OIL AND NATURAL GAS
I.	CASINGHEAD CAS STORE IN THE
Operator Comp Typ 1 and tion 9 December 1 and 1	FLARED AFTER 1-1-89
Sun Exploration & Production Co.	UNLESS AN EXCEPTION TO BARN
Address D. O. Dou 1003 Midland Tours 70700	E OPTAINED.
P. O. Box 1861, Midland, Texas 79702	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well Change in Transporter of:	Well originally permitted as
Recompletion · Uil	Dry Gos a wildcat (Strawn). Well completed in
Change in Ownership Castnghead Gas	Condensate the Canvon Reservoir
If change of ownership give name DESIGNATED BELOW. IF YOU DO NO NOTIFY THIS OFFICE.	HE POOL OT CONCUR
II. DESCRIPTION OF WELL AND LEASE	
Arreguy 25 Well No. Pool Name, Includin	· · · · · · · · · · · · · · · · · · ·
<u></u>	ermo Upper Penn State, Federal or Fee Fee
A 810 North	F10 F20+
Unit Letter A : 810 Feet From The North	Line and 510 Feet From The East
	24.E 7 / Lan
Line of Section 25 Township 75-S Range	24-E 34, NMPM, Lea County
MI. DESIGNATION OF TRANSPORTER OF OIL AND NATUR Name of Authorized Transporter of Oil A or Condensate Sun Refining & Marketing Co. Name of Authorized Transporter of Casinghead Gas or Dry Gas Under Negotiation If well produces oil or liquids, Unit Sec. Twp. Rgs.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 2039. Tulsa. Oklahoma 74102 Address (Give address to which approved copy of this form is to be sent) Is gas actually connected? When
give location of tanks. A 25 15-S 34-	-E No
If this production is commingled with that from any other lease or po	ol, give commingling order number:
NOTE: Complete Parts IV and V on reverse side if necessary.	
	OIL CONCEDIATION DIVIDION
VI. CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
I hereby certify that the rules and regulations of the Oil Conservation Division ha	APPROVED NUV 5 198/
been complied with and that the information given is true and complete to the best	
my knowledge and belief.	BY CULT SAUG
	TITLE Geologist
	This form is to be filed in compliance with RULE 1104.
Maria (Signature)	If this is a request for allowable for a newly drilled or deepens well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
Accounting Associate (Title)	All sections of this form must be filled out completely for allow
11-1-87	able on new and recompleted wells.
· (Date)	Fill out only Sections I. II. III. and VI for changes of owner well name or number, or transporter or other such change of condition

IV. COMPLETION DATA Designate Type of Complet	ion - (X)	Ott Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Resty.	Ditt. Re
Date Spudded 9-2-87		. Ready to Pro 87	od.	Total Depth		<u> </u>	P.B.T.D. 11,32	: O	<u> </u>
	r Canyon	12年	tion	Top OII/Ga 11,054		`	Tubing Dep		
11,200'-11,264'	icene an Optaine						Depth Castr	•	
		TUBING, C	ASING, AN	CEMENTI	G RECORD)	•		
HOLE SIZE	CASI	IG & TUBIN	G SIZE		DEPTH SE	τ	SA	CKS CEME	17
17-1/2"	13-3/8	11			519'		525 sxs	пСп.	
12-1/4 & 11"	8-5/8	"			4800'		2600 sx	s Pacese	tter L
7-7/8"	5-1/2			ର ଜନ୍ମ ବୃଷ୍ଣ ତର ଧ୍ରୀ			1100 sx		
V. TEST DATA AND REQUEST OIL WELL	FOR ALLO	WABLE (T	est must be a de for this de	fter recovery c pth or be for f	of total volum ull 24 hours)	e of load oil	and must be e	qual to or exc	sed top ai
Date First New Oll Run To Tanks 10-27-87	Date of Tes	=		Flowin	ethod (Flow, G	pump, gas li	ift, etc.)		
Length of Teot 24 hrs	Tubing Pres 350#	ewe .		Casing Pres	•w•		Choke Size	ıı .	
Actual Prod. During Test	Ott-Bble. 367			Water - Bbla.			Gga-MCF 469		
GAS WELL									
Actual Prod. Test-MCF/D	Length of T	•et .		Bbis. Conde	negte/MMCF		Gravity of C	ondeneate	
Teeting Method (pitot, back pr.)	Tubing Pres	ewe (Shut-L	<u>)</u>	Casing Pres	ewe (Shut-1	n)	Choke Size		

RECEIVED
NOV 4 1987
OCD
OCD
HOBBS OFFICE

TIGHT HOLE

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Commence of the Commence of th

Form C-102 Supersedes C-128 Eliective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator Sun Expl	oration & Pr	oduction Co - 1	Lease	Arreguy 2	5		Well No.
Unit Letter	Section Q FI	Township	Rong		County		1
A	25	15 South		34 East		Lea	
Actual Footage Loc		Nameh		·		Pact	
810 Ground Level Elev.	feet from the Producing F		and 510	fee	from the	East	line
4035.5	Canyon			send Permo	Upper 1	Penn	40 Acres
1. Outline th	e acreage dedic	ated to the subject	t well by col	lored pencil o	r hachure	marks on the pla	
	•	•	•			•	f (both as to working
interest ar	nd royalty).		•				•
3 If more the	an one lease of	different ownership	is dedicated	to the well 1	have the i	interests of all o	wners been consoli-
		unitization, force-p		to the well, i	nave the i	interests of all t	where been consoll-
		•	_	_			
Yes	No If	answer is "yes;" ty	pe of consoli	dation			
lf answer	is "no!" list the	owners and tract	descriptions	which have ac	tually bed	en consolidated	(Use reverse side of
this form i	f necessary.)			· · · · · · · · · · · · · · · · · · ·			
No allowal	ble will be assig	ned to the well unti	l all interest	have been c	onsolidat	ed (by communit	ization, unitization,
	ling, or otherwise	e) or until a non-sta	ndard unit, el	iminating sucl	h interest	s, has been appro	oved by the Commis-
sion.					·		
	1			1		CER	TIFICATION
	· I			-	I	ļ	
	1			810			that the information con-
	j L			<u> </u>	510	1	true and complete to the
	i			٥		best of my know	ledge and belief.
	i					Maria d	Tire
	+					Name Maria L. Pe	raz)
	, f					Position	162
	ı					Accounting A	Associate
] 		Company Sun Evnl 9	Dood Co
	1				Ì	Sun Expl. &	Prod. Co.
	. 1			İ	1	Date 11-2-87	
	<u> </u>						
	1						
	1		i	l		1 '	that the well location
	1		All color	Ma Maren		1	at was plotted from field
	i		44. CO. 30. 200	Silving.	- 1	1	surveys made by me or islon, and that the same
	ì		E Contract		1	1	rect to the best of my
	1		E 190		- 1	knowledge and b	elief.
	 	+	17.24	ऻ॔ क़ॏॗॗॗॗॗॗॗ			
· .	1		Minima LA			<u> </u>	
]	i	,	ALIE TO	Francisco Carlos	1	Date Surveyed	5, 1987
1	i		William	min's		Registered Profess	
	1					and or band Surve	•
			•		1	Koma	1.01 kg. D.
<u> </u>						Certificate No. Jo	HN W. WEST, 676

WILLBROS DRILLING, INC.



INCLINATION REPORT

OPERATOR:

Sun Exploration & Production Company

P. O. Box 1861

Midland, Texas 79702

LOCATION:

Arreguy 25 #1,

Lea County, New Mexic 810' FNL & 510' FEL,

Section 25, T-15-S,

R-34-E.

DEPTH FEET	INCLINATION DEGREES	DEPTH FEET	INCLINATION DEGREES	DEPTH FEET	INCLINATION DEGREES
488	1	6,952	1/2		***************************************
1,008	2-3/4	7,483	3/4		
1,099	2-1/2	8,015	1		
1,350	1-1/2	8,448	1-1/2		
1,719	1	8,962	1-1/2		
1,914	3/4	9,470	3/4		
2,460	1-1/4	9,884	1-1/4		
3,050	1	10,220	1-1/2		
3,561	1/2	10,586	1-1/4		
4,108	1/4	10,990	2		
4,510	1/4	11,076	2-1/4		
4,800	1/4	11,340	2		
5,310	1/4	11,362	2		
5,820	1	•			
6,319	1/4	(Plugged ba	ck TD @ 11,340')		
6,839	3/4	. 66	, ,		

COUNTY OF MIDLAND STATE OF TEXAS

The undersigned states that he has knowledge of the facts and matter herein set forth and that the same are true and correct.

SUBSCRIBED AND SWORN TO BEFORE ME THIS

TIGHT HOLE

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

30. 00 COPIGO DEC	41740		
DISTRIBUTE	DM		T_
SANTA PE			Г
PILE			
U.S.O.S.			
LAND OFFICE			
TRANSPORTER	OIL		
GAS			
OPERATOR			
PROBATION OF	HCE.	T	

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-104 Revised 10-01-78 Format 06-01-83 Page 1

Separate Forms C-104 must be filed for each pool in multiply completed wells.

GAS GPERATOR	REQUEST	T FOR ALLOWABLE	•	
PROBATION OFFICE	AUTHORIZATION TO TR	ANSPORT OIL AND NATI	URAL GAS	
L. Operator				
Sun Exploration & Pro	oduction Co.	•		
Address D. O. Doy 1961 Madia-	-1 T 70700			
P. O. Box 1861, Midlan	10, lexas /9/02			
Reason(s) for filing (Check proper box)	Standard Transport		se explain) 1000	c
New Well Percompletion	Change in Transporter of:	-	o move 500 bbls of oil	Trom
Change in Ownership	Casinghead Gas	Condensate	o run potential test. act 1987	
			100 1487	
If change of ownership give name and address of previous owner				
•		1	2	,
II. DESCRIPTION OF WELL AND	LEASE Undes Well No. Pool Name, include		Kind of Lease	Lease No.
Arreguy 25	1 1	deat Strawd	State, Federal or Fee	Fee
Location				
Unit Letter	O Nort	h 510	Feet From The East	
25	15-S	34-E	100	
Line of Section Town	nahtp 13-3 Rang	, NMP	м, Lea	County
III. DESIGNATION OF TRANSPO	OPTED OF OIL AND MATE	IIDAI CAS	•	
Name of Authorized Transporter of Off	or Condensate	Address (Give address	to which approved copy of this form	is to be sent)
Sun Refining & Marketing	, Co.	P. O. Box 2039	9, Tulsa, Oklahoma 7410	02
Name of Authorized Transporter of Castr	nghead Gas 🐼 or Dry Gas 🗆	Address (Give address	to which approved copy of this form	is to be zent)
Under Negotiation		·		
If well produces oil or liquids,	Unit Sec. Twp. Rq		when	•
give location of tanks.		34_E No		
If this production is commingled with	that from any other lease or	pool, give commingling ord	er number:	
NOTE: Complete Parts IV and V	on reverse side if necessary.			
VI. CERTIFICATE OF COMPLIAN	ICF.	II. OIL O	CONSERVATION DIVISION	
VI. CERTIFICATE OF COMPLIAN	ناما	′ ^	MOV 9 2 1007	•
I hereby certify that the rules and regulation been complied with and that the information			NU 8/ 130/	_, 19
been complied with and that the information my knowledge and belief.	i Riveri to time and combiete to the D	est of BY M	y Sellor	
-		TITLE DISTRIC	OF 1 CURERWOOD	
	1	TITLE DISTRI	CT 1 SUPERVISOR	
Marin I.	· Par	11	to be filed in compliance with Rt	· - ·
//www.	we) he		quest for allowable for a newly d at be accompanied by a tabulatio	
Accounting Associate	2		well in accordance with AULE	
10.00.07 (Title,	,	All sections of	f this form must be filled out con ecompleted wells.	mpletely for allow
10-29-87			Sections 1, II, III, and VI for c	hanges of owner
		II WAII AAMA AZ AUMN		ABOUT OF COMMITTEE

	Oll Well Gas Well	New Well Workover Deepe	n Plug Back Same Res'v. Diff. Re
Designate Type of Complet	ion — (X)		
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations (DF, RKB, RT, GR, etc.,	Name of Producing Formation	Top Oll/Gas Pay	Tubing Depth
Performiona 11200 - 11.	225 + 1/240 - 1	1264'	Depth Casing Shoe
	TUBING, CASING, A	D CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE	· DEPTH SET	SACKS CEMENT
	 		
			
	1	i i	i
V. TEST DATA AND REQUEST	FOR ALLOWABLE (Test must be able for this	after recovery of total volume of los lepth or be for full 24 hours)	d oil and must be equal to or exceed top oi
V. TEST DATA AND REQUEST OIL WELL Date First New Oil Run To Tanks	FOR ALLOWABLE (Test must be able for this	after recovery of total volume of loadepth or be for full 24 hours) Producing Method (Flow, pump, a	
OIL WELL	able for this	depth or be for full 24 hours)	
OIL WELL Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, a	as lift, etc.j
OIL WELL Date First New Oil Run To Tanks Length of Teet Actual Prod. During Teet	Date of Test Tubing Pressure	Producing Method (Flow, pump, a Casing Pressure	Choke Size
OIL WELL Date First New Oil Run To Tanks Length of Teet	Date of Test Tubing Pressure	Producing Method (Flow, pump, a Casing Pressure	Choke Size

DCT 3.0 1981 HOBBS CEFFICE

* 80. 80 600168 86661468		
DISTRIBUTION	T	
SANTA PE		
FILE		
U.S.G.S.		
LAND OFFICE		
CPPRATOR		

OIL CONSERVATION DIVISION

DISTRIBUTION	Р. О. ВО	X 2088	Form C-103 - Revised 10-1-7:
SANTA PE	SANTA FE, NEW	MEXICO 87501	
FILE		•	Sa. Indicate Type of Lease
U.S.G.S.	TIGHT	UOLE:	State Fee X
OPERATOR	110411	TULE!	5. State Oil & Gas Lease No.
		:	
SIJNOS	V NOTICES AND DEPORTS ON	WELLE	
TOPING THIS FORM FOR PAI	RY NOTICES AND REPORTS ON OPPOSALS TO DRILL ON TO DEEPEN ON PLUG IN TO DEEPEN ON PLUG IN THE PORT OF THE PER SUIT FOR SU	WELLS	
1.	TOWN TOWN TOWN CANON TOWN SO	CH PROPOSA(S.)	7. Unit Agreement Name
Siele XX Seele 🗆	OTHER		
2. Name of Operator	and Tourist State of the State		8. Farm or Lease Hame
Sun Exploration & Pro	duction Co	•	Arreguy 25
1. Address of Operator	duction to.		9. Well No.
P. O. Box 1861, Midla	nd Toyac 70702		1
	illu, Texas 73702		10 Stald and Deal or Wildow
4. Location of Well	910 Nowth	E10	10. Field and Pool, or Wildcat
UNIT LETTER	810 North	510	Wildcat
•			
THE East LINE SECTI	ion 25 TOWNSHIP 15-1	S RANGE 34-E	//////////////////////////////////////
	15, Elevation (Show whether	DF, RT, GR, etc.)	12, County
	4035.5' Gr.		Lea
16. Chack	Appendices Boy To Indiana	Danies Barrer or	Other Date
	Appropriate Box To Indicate 1	· · · · · · · · · · · · · · · · · · ·	
NOTICE OF I	NTENTION TO:	SUBSEQUI	ENT REPORT OF:
		-	· ·
PERFORM REMEDIAL WORK	PLUG AND ABANDON []	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON		COMMENCE DRILLING OPHS.	PLUG AND ABANDONMENT
PULL OR ALTER CABING	CHANGE PLANS	CABING TEST AND CEMENT JOS	Sand on Marc Halls
		other Set 5-1/2" (asing, New Well X
OTHER		į daras ir salas sa	•
		<u> </u>	
uprk) SEE RULE 1103.	perations (Clearly state all pertinent de	aus, and give pertinent dates, inclu	ding estimated date of starting any proposed
10-15-87			•
•	•		
RUN & CMT 51	JTS 5-1/2" 17# K-55 BUT	r, 149 JTS 5-1/2" 17# k	C-55 LTC
& 71 JTS 5-1	/2" 17# N-80 LTC CSG, CS	11,340', FC 11,267', S	TAGE COLLAR
	RKER JT 11,016', CIRC & (
	5 BBL 2% KCL WTR + 500 G/		
	E W/1100 SXS CLASS H 50:		
	FP 1000-1400, DROP BOMB,		
	E COLLAR, CMT 2ND STATE		
	FP 2000-3000#, CLOSE STAI		
CSG, ND BOP,		at Cottan, at attra, c	301 OI1 3-1/2
cad, No bor,	NO TREE.		
DAN TEMBEDAT	URE SURVEY, TOC 4400'		
KAN TEMPERAT	URE SURVET, TUC 4400	<u> </u>	
·	•		
			•
			•
i8. I hereby certify that the information	n above is true and complete to the best	of my knowledge and belief.	.**
	$\boldsymbol{\rho}$		
Marie I.	The	Accounting Associate	10-29-87
IENED	1700		DATE

NOV 2 DISTRICT 1 SUPERVISOR

1987

OTHER.

ENERGY AND MINERALS DEPARTMI	ENT	•
	OIL CONSERVATION DIVIS	ION
DISTRIBUTION	P. O. BOX 2088	. Form C-103 ·
SANTA FE	SANTA FE, NEW MEXICO 8750	Revised 10-1-7
FILE		\$a. Indicate Type of Lease
U.S.G.S.] ·	
LAND OFFICE].	State Fee XX
OPERATOR	API No. 30-025-29998	5. State Oil & Gas Lease No.
SUNDS	RY NOTICES AND REPORTS ON WELLS OPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT R TION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALE.)	ESERVOIR.
OIL X SAB C	OTHER-	7. Unit Agreement Name
Name of Operator		8. Farm or Lease Name
Sun Exploration & Pro	duction Co.	Arreguy 25
Address of Operator		9. Well No.
P. O. Box 1861, Midlan	nd. Texas 79702] 1
Location of Well		10. Field and Pool, or Wildcat
UNIT LETTER A	810 North 510) Wildcat
,		
THE East LINE, SECT	10N 25 TOWNSHIP 15-S RANGE 34-1	
mmmmm	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	4035.5' Gr.	Lea
check	Appropriate Box To Indicate Nature of Notice,	Report or Other Data
	NTENTION TO:	SUBSEQUENT REPORT OF:
	_	-

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SER RULE 1703.

Amend Total Depth on C-101

Amend proposed Total Depth on C-101 to 12,200'.

8. I hereby certify that the information above is true and complete. 15HED MAIA 1- Pub.	Accing. Assoc.	10-22-87
ONDITIONS OF APPROVAL, IF ANY:	DISTRICT 1 SUPERVISOR	DCT 2 6 1987

* 40. 00 COPIES RECEIVES	
DISTRIBUTION	
SANTA PE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

OIL CONSERVATION DIVISION

Form	C-1	03	•
Revis	ed	10-	1-7

DISTRIBUTION	P. O. BOX	< 2088	Porti Calgg
SANTA PE	SANTA FE, NEW	MEXICO 87501	Revised 10-1-7
FILE			5a. Indicate Type of Lease
U.S.G.S.		~ A I T* 1 A I	State Fee X
LAND OFFICE	CONFIDE	$\cdot N \prod \Delta \Gamma$	
OPERATOR		- 1 1 1 1 1 1 ha	5. State Oil & Gas Lease No.
	500 0 5 1001 ML	1	·
SUN	DRY NOTICES AND REPORTS ON	WELLS	
	PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BE CATION FOR PERMIT -" (FORM C-101) FOR SUC		
			7. Unit Agreement Name
WELL X WELL			
Name of Operator	07HE9-		8. Farm of Lease Name
•		•	6. Faim or Lagsa liding
Sun Exploration & Pi	roduction Co.	-	Arreguy 25
Address of Operator			9. Well No.
P. O. Box 1861, Mid	land, Texas 79702		} 7
Location of Well			10. Field and Pool, or Wildcat
Д	810 PEET FROM THE North	510	Wildcat Strawn
UNIT LETTER	PEET FROM THE	LINE AND SEET PR	om Tritititititi
Eact	25 35.0	24 5	
THE EAST LINE, SE	CTION 25 TOWNSHIP 15-S	RANGENMP	~. {{ }}
	15. Elevation (Show whether I	DF, RT, GR, esc.)	12. County
	4035.5' GR		Lea
Chan	L Appropriate Box To Jaliane N	C. Naniana Banasa an C	Nehan Dana
	k Appropriate Box To Indicate N		
NOTICE OF	INTENTION TO:	SUBSEQUE	NT REPORT OF:
_	·		-
ERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
EMPORABILY ABANDON	1	COMMENCE DRILLING OPHS.	PLUG AND ABANDONMENT
ULL OR ALTER TABING	CHANGE PLANS	CASING TEST AND CEMENT JQB	
	-1	OTHER	
OTHER			

TIGHT HOLE

9-2-87 Spudded @ 9 AM. R & C 12 jts, 13-3/8", 54.5#, K-55, STC Csg, CS 519', IF 476', Western Cmt'd w/525 sxs Class C w/2% CC + 1/4# Celloflake, TP 300-550#, Circ 59 sxs to surface w/partial returns thruout.

9-12-87R & C 56 jts 8-5/8", 32#, S-80, STC csg & 56 jsts 8-5/8", 24#, K-55, STC csg. CS 4800', FC 4750', Western cmt'd w/2300 sxs pacesetter lite w/10% salt + 1/4#/sk flocele, tailed w/300 sxs C Neat, PD 2:15PM, FP 1800 - 2000#, Circ 308 sxs, floats held 0. K., ND BOP & set slips.

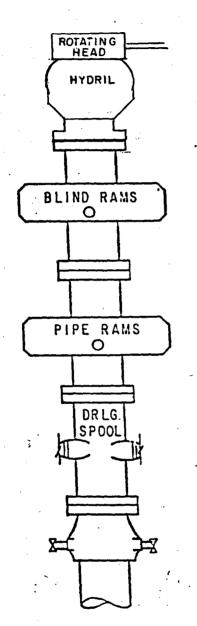
	complete to the best of my knowledge and belief.	
16460 Mesia L. Ping	Accounting Associate	9-21-87
2000ED OV Elder W Jenry	OIL & GAS INSPECTOR	SEP 2 3 1987

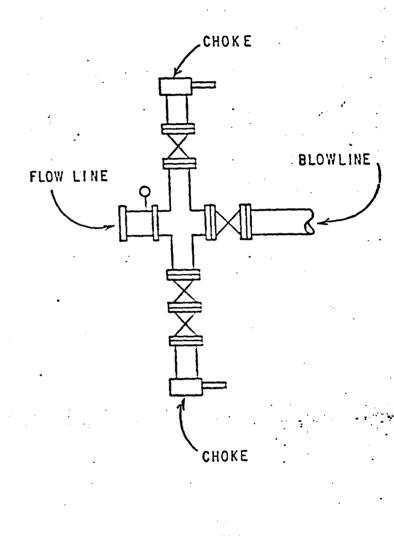
ws. or to-120 nectives	Γ	
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
	-	

OIL CONSERVATION DIVISION

in Jennin	Win.	DISTRICT 1	SUPERVISOR 💍	AUG 25	1987
18. I hereby certify that the information	Dang Title	Associate /	S₂ ≎y	8-19-87	.··
18 I bashu asalfu shasaha lafaran sha					
			AUS 2 8 (P3T	·	
	•				
			The second secon	mna.	
	,				
12-1/4" 8-5/ 7-7/8" 5-1/	3" 24 & 2" 17#	32#	4800' 11,900'	3250 1475	Surf. 4800
17-1/2" 13-3	78" 54.5#	T PER FOOT	SETTING DEPTH	SACKS OF CEMENT	TOP Surf.
To amend casing and	cement program on fo	nm C-101 for	permit to drill	• :	EST.
17. Describe Proposed or Completed Op work) SEE RULE 1703.	erations (Clearly state all pertin	ent details, and give	pertinent dates, including	estimated date of starting an	y proposed
отиер		-0	on form C-101 fo	r permit to drill	
PULL OR ALTER EASING	CHANGE PLANS	COMMENCE C	PRILLING OPHS.	and cement progra	INMENT
NOTICE OF IN	TENTION TO:	N T REMEDIAL W	—	REPORT OF: ALTERING CASING	,
	4035.5' GR Appropriate Box To India	ate Nature of N	=		.111111
	15. Elevation (Show w	vhether DF, RT, GR,	etc.)	12. County	
THE East LINE, SECTION	N 25 TOWNSHIP		34-E		
4. Location of Well A	810 No	rth	510	10. Field and Pool, or WHd Wildcat Strawn	cat
P. O. Box 1861, Midl	and, Texas 79702			9. Well No.	
2. Name of Operator Sun Exploration & Pr	oduction Co.	•		8. Form or Lease Name Arreguy 25	
OIL X GAS WELL	OTHER-			7. Unit Agreement Name	
SUNDR	Y NOTICES AND REPORT POSALS TO DRILL OR TO DEEPEN OR ON FORM C-101)	SON WELLS	ERENT RESERVOIR.		
OPERATOR				5. State Oil & Gas Lease N	lo.
U.S.G.S.	API No	30-025-29998	3	5a. Indicate Type of Lease State	Fee X
SANTA PE		NEW MEXICO	87501	Reviso	ed 10-1-7
DISTRIBUTION	.	D. BOX 2088	. 4 151014	. Form	C-103 ·

BLOWOUT - PREVENTER ASSEMBLY





Pressure control equipment:

After setting the 8-5/8" casing string and before dridlings into Wolfcamp formation, the blowout preventers and related control equipment shall be pressure tested to rated working pressures. Any equipment failing to test satisfactorily shall be repaired or replaced. This office should be notified in sufficient time for a representative to witness the tests and shall be furnished a copy of the pressure test report.

Pipe rams and the annular-type preventer shall be actuated at least once each 24 hours and the blind rams each time the drill pipe is out of the hole.

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator					Lease				Well No.
Sun Expl	Exploration & Production Co.		Arreguy 25			1			
Unit Letter	Sect		Township		Rom		County		
Α	L	25	15 8	South		34 East		Lea	
Actual Footage Loc	ation (of Well:							
810	feet	from the N	orth	line and	51	0 <u>fe</u>	et from the	East	line
Ground Level Elev.		Producing For			Pool	7 4 +		Dec	licated Acreage:
4035.5		Stra	.W':		W7	ldcat			40 Acres
2. If more th	an o	ne lease is		-		•		e marks on the pownership there	lat below. of (both as to working
dated by c	in on	e lease of dinitization, u	nitization iswer is ''	, force-pooli	ng. etc? f consol	idation			owners been consoli-
this form i No allowat	f nec ole w	essary.) ill be assigne	ed to the v	vell until all	interes	ts have been	consolida	ted (by commun	itization, unitization, proved by the Commis-
		ı				ĺ	T	CE	RTIFICATION
		 				810	510	Name Maria L.	y that the information con- is true and complete to the owledge and belief.
		 				 		Company	g Associate & Prod. Co.
.·		 -						Date 8-7-87	
				THE CHAIN ON THE PARTY OF THE P	CO LAM			shown on this notes of actua under my supe is true and c knowledge and	ify that the well location plat was plotted from field all surveys made by me or rvision, and that the same arrect to the best of my belief.
	,	! ! ! !	·	HILLIAN ROLL	Manage 1		- The state of the	End or Sur	lel Eulso
0 330 960	90	1320 1680 198	0 2310 26	40 2000	1 500	,	BOQ 0	1 /	JOHN W. WEST, 676 Honald J. Eidson, 3239

* STATE OF NEW MEXIC * ENERGY AND MINERALS DEPA		CONCEDIA	TION DIVISION		30-0	25-2999
HO. OF COPICE ACCEIVED	HIMENI OIL		TION DIVISION		Form C-101 Revised 10-1	1-78 V
DISTRIBUTION		P. O. BO.				Type of Lease
SANTA FE	和一个小哥们	MIA FE, NEW	MEXICO 87501		BTATE	7 X
FILE (U.)	A 17 (1	41				Gas Lease No.
U.S.G.S.	TI	1\NO			. J. 2. C. C	ods Codeo No.
LAND OFFICE	तात १४ १५३७ 🎵	U)			mm	mmm
OPERATOR III	11 500 DED###		OD DI 110 DACK			
		DRILL, DEEPE	N, OR PLUG BACK		7. Unit Agree	
	SAMINA		•		7. Unit Agree	nem Nume
b. Type of Well DRILL X		DEEPEN 🔲	PLUG	BACK .	8. Farm or Le	No
1)		SINGLE MU			
2. Name of Operator	OTHER		ZONE	ZONE	Arreguy	
1 ***	9 Dandunkani Ci	- ·			9. Well No.	
Sun Exploration 3. Address of Operator	a Production Co	• • • • • • • • • • • • • • • • • • • •			1	
	0702 5 6 5	2063				Pool, or Wildcat
Midland, Texas 7	9702 , P. U. BOX	(1861	·		Wildcat	Strawn
4. Location of Well UNIT LETTE	.a <u> </u>	CATED	PEET FROM THE NOT	thLINE		
510	Fact.					
AND DIU PEET PROM	THE East	NE OF SEC. 25	TWP. 15-S RGE. 3	4-E NMPM	<i>illilli</i> .	77777777
					12. County	
		71111111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1111111	Lea	44444
	77777777	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			7111111	
				19A. Formation	·	20. Rotory or C.T.
	immini		12,000	Strawn	<u>.,t.</u>	Rotary
21. Elevations (Show whether DF, 4035.5)			21B. Drilling Contractor			Date Work will start
	Blan	Ker -			I Must spi	ud by 9-3-87
23.	:	PROPOSED CASING	AND CEMENT PROGRAM			
					···	
SIZE OF HOLE	SIZE OF CASING					EST. TOP
17-1/2"	13-3/8"	54.5	ن 500	50	00	Surf
12-1/4 or 11"	8-5/8"	24 & 32	5200'	220	00	Surf
7-7/8"	5-1/2"	17 & 20	11,900'	160	00	4800'
			i	ı	1	
Surface Casing: 350'	per Mr. Sadler	w/OCC Hobbs				
DOD Control						
BOP - See attached s	ketch					
Formation*	Tone Booth					
Rustler Anhy	Tops Depth/S			/ 7388	~3340	. /
		2280 / Abo		/ 8113	-4065	7
Salado Salt		1222	lfcamp	/ 9748	-5700	
Tansill	_ ·	1305 / Ci	sco?	/ 10650	-6602	
Yates		1100 / Cai	nyon	/ 11070	-7022	1
Seven Rivers		855 / St	rawn	/ 11655	-7607	1
Queen	_ /	275 / At	oka	/ 11880	-7832	· /
Grayburg	/ 4173 -	125 / Moi	rrow	/		· /
San Andres			ss Chester	/		1
Glorieta	/ 6148 -	2100 /		-,		•
			•			
IN ABOVE SPACE DESCRIBE PR	OPOSED PROGRAMI IF	PROPOSAL IS TO DEEP	EN OR PLUS BACK, GIVE DATA	N PRESENT PRO	-	.HD PROPOSED NEW PR
THE TORE. SIVE SCOWOOT PREVERY	ER PROGRAM, IF ANY.					
I hereby certify that the information	on above is true and com	plete to the best of r	my knowledge and belief.			•
Since Mana Z	Pere	- +w- Accoun	ting Associate		Date: 8-7-	.87
Signed VUVIII &		_ 1415 11000all)ate <u>8-/-</u>	<u> </u>
(This space for	State Use)					
(//	arest. 1	· Mor	DAGE 1 ALLES		- Alic	1 1 1987
APPROVED BY	v- pregil	A TITLE US!	RICT 1 SUPERVISO)R 1	ATENOU	
CONDITIONS OF APPROVAL, IF	May /	•	•			n Approval
V			Dormit Fy	nimes 6 M(HRU2 LIGH	it tables on our

Permit Expires 6 Months From Approva Date Unless Drilling Underway.

REISSUES SEC 25 TWP 15: PI# 30-T-0006 02/29/88 30-025-29998-0000 34E 15S RGE PAGE LEA **NMEX** * 810FNL 510FEL SEC NE NE STATE **** COUNTY *** SSFOOTAGE A SPOT S WD DO SUN EXPL & PROD WELL CLASS INIT WEEFIN WOOD OPERATOR ******** ARREGUY "25" WELL NO. 4056KB 4036GR **TOWNSEND** FIELD/POOL/AREA API 30-025-29998-0000 LEASE TYPE/NO. PERMIT OR WELL I.D. NO. OIL STATUS 12000 PENN-PRM WILLBROS DRLG RIG SUB 19 DTD 12050 PB 11320 FM/TD ATOKA
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D. LOCATION DESCRIPTION 28 MI SE CAPROCK, NM WELL IDENTIFICATION/CHANGES PROJ FM CHGD FROM STRAWN FIELD CHGD FROM WILDCAT CASING/LINER DATA CSG 13 3/8 @ 519 W/ 525 SACKS CSG 8 5/8 @ 4800 W/ 2600 SACKS CSG 5 1/2 @11340 W/ 1100 SACKS TUBING DATA TBG 2 7/8 AT 11085 INITIAL POTENTIAL TFF 367BOPD 469 MCFD 66BW CANYON PERF W/ 66/1 PERF 11200-11225 11240-11264 ACID 11240-11264 1500GALS 20% NEFF HCI 18/64CK 24HRS 66/IT 11200-11264 GROSS 20% NEFE HCL ACID 11200-11225 20% NEFE HCL TP 350 3000GALS GTY 47.5 GOR 1278 /RESERVOIR FIELD

Copyrighted 1988

Information Corporation

Petroleum Information

CONTINUED IC# 300257022687

PI-WRS-GET Form No 187

a company of The Dun & Bradstreet Corporation

```
SEC 25 TWP 155 30-025-29998-0000
                                                              15S RGE
REISSUES
PI# 30-T-0006 02/29/88
                                                                           PAGE
                                                                           WD
                                                                                DO
SUN EXPL & PROD
                         ARREGUY "25"
                                 INITIAL POTENTIAL
                           /PENNSYLVANIAN-PERMIAN U
FCP PKR
         FORMATION LTH TOP DEPTH/SUB BSE DEPTH/SUB
                                           2269
2171
1102
LOG
                                1787
         RUSTLER
                                1885
2954
         SALT
LOG
         YATES
LOG
                                            859
296
LOG
         SVN RVRS
         QUEEN
                                3760
LOG
LOG
         GRAYBURG
LOG
         SN ANDRS
                                           -444
                                          -2023
-3256
                                6079
7312
         GLORIETA
LOG
LOG
         TUBB
                                8024
9697
LOG
         ABO
                                         -5641
         WOLFCAMP
LOG
         CISCO
                              10624
11054
                                         -6568
-6998
-7624
LOG
LOG
LOG
         STRAWN
                               11680
                                         -7846
LOG
         ATOKA
                               11902
                      LOGS AND SURVEYS /INTERVAL, TYPE/
LOGS
                         LDT
                                                                                SONL
LOGS
                         GR
                                                     CCL
            DRILLING PROGRESS DETAILS
                   SUN EXPL & PROD
         BOX 1861

MIDLAND, TX 79702

915-688-0300

PROJ FM - PENNSYLVANIAN-PERMIAN UPPER
LOC/1987/
08/11
         DRLG (DEPTH NOT RPTD)
DRLG (DEPTH NOT RPTD)
DRLG (DEPTH NOT RPTD)
DRLG (DEPTH NOT RPTD)
DRLG (DEPTH NOT RPTD)
DRLG (DEPTH NOT RPTD)
DRLG (DEPTH NOT RPTD)
12050 TD, PB 11320, WOPT
TD REACHED 10/15/87
09/08
09/14
09/22
09/29
10/07
```

CONTINUED

REISSUES SEC 25 TWP 15S PI# 30-T-0006 02/29/88 SEC 25 TWP 15S 34E PAGE 3 15S RGE

SUN EXPL & PROD

WD DO

ARREGUY "25"

DRILLING PROGRESS DETAILS

11/10

12050 TD, PB 11320
COMP 11/1/87, IPF 367 BO, 469 MCFG, 66
BWPD, 18/64 CK, GOR 1278,
GTY 47.5, FTP 350, FCP PKR
PROD ZONE - PENNSYLVANIAN-PERMIAN UPPER
11200-11264
NO CORES OR DSTS RPTD
REISSUED TO CORRECT TD, FM @ TD, IP &
ADD LOG TOPS, LOGS RUN, NO CORES STMT
REPLACEMENT FOR CT ISSUED 11/13/87

02/22

Page: 1 Document Name: untitled

CMD : OG5SECT

ONGARD

INQUIRE LAND BY SECTION

07/05/00 08:08:59

OGOMES -TPXZ

PAGE NO: 1

Sec : 25 Twp : 15S Rng : 34E Section Type : NORMAL

D		С	В	A
40.00	İ	40.00	40.00	40.00
Fee owned	 	Fee owned	 Fee owned 	 Fee owned
E		F		Н
40.00	1	40.00	40.00	40.00
Fee owned		Fee owned	 Fee owned	Fee owned
	l			l
PF01 HELP	PF02	PF03 EXIT	PF04 GoTo PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV PF11	PF12

Date: 7/5/2000 Time: 08:29:54 AM

Page: 1 Document Name: untitled

CMD : OG5SECT

ONGARD

INQUIRE LAND BY SECTION

07/05/00 08:09:03

OGOMES -TPXZ

PAGE NO: 2

Sec : 25 Twp : 15S Rng : 34E Section Type : NORMAL

L		K	J	I
40.00		40.00	40.00	40.00
Fee owned	 	Fee owned	 Fee owned 	 Fee owned
M		N	0	P
40.00	 	40.00	40.00	40.00
Fee owned	 	Fee owned	 Fee owned	 Fee owned
PF01 HELP PF	02	PF03 EXIT	PF04 GoTo PF05	PF06
PF07 BKWD PF	08 FWD	PF09 PRINT	PF10 SDIV PF11	PF12

Date: 7/5/2000 Time: 08:29:57 AM