ABOVE THIS LINE FOR DIVISION USE ONLY

### NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505





		ADMINISTRATIVE APPLICATION CHECKLIST	
Т	HIS CHECKLIST IS M	ANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND R WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE	EGULATIONS
Applic	[DHC-Down		ing]
[1]	[A]	PLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication  NSL NSP SD  One Only for [B] or [C] Commingling - Storage - Measurement  DHC CTB PLC PC OLS	2002
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  WFX PMX SWD IPI EOR PPR	The second section and
	[D]	Other: Specify	
[2]	NOTIFICAT [A]	ION REQUIRED TO: - Check Those Which Apply, or Does Not Apply  Working, Royalty or Overriding Royalty Interest Owners	
	[B]	Offset Operators, Leaseholders or Surface Owner	
	[C]	Application is One Which Requires Published Legal Notice	
	[D]	Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office	
	[E]	For all of the above, Proof of Notification or Publication is Attached, and/or	.,
	[F]	☐ Waivers are Attached	
[3]		CURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS TATION INDICATED ABOVE.	ГНЕ ТҮРЕ
[4] appro- applic	val is accurate a	<b>TION:</b> I hereby certify that the information submitted with this application for adr nd <b>complete</b> to the best of my knowledge. I also understand that <b>no action</b> will be quired information and notifications are submitted to the Division.	ninistrative taken on this
	Note:	Statement must be completed by an individual with managerial and/or supervisory capacity.	
	mes W. Pring	John Ways I	11-12-02
Print o	or Type Name	Signature Title	Date

 $\frac{District\ I}{_{1625\ N.\ French\ Drive,\ Hobbs,\ NM\ 88240}}$ 

District II

811 South First Street, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION** 2040 South Pacheco Santa Fe, New Mexico 87505

APPLICATION TYPE \_\_X\_ Single Well
\_Establish Pre-Approved Pools
\_\_X\_Yes \_\_\_\_No

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107A

Revised May 15, 2000

perator	F	Address	
Bittersweet AOZ State Con		28 9S 26E er-Section-Township-Range	County
		P. St. St. C.	
GRID No. <u>025575</u> Property	y Code API No	30-003-62/36 Lease Type: _	Federal <u>X</u> StateFederal
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
ool Name	Foor Ranch Wolfcamp, North	-	Foor Ranch Pre-Permian
ool Code	76755		
Op and Bottom of Pay Section Perforated or Open-Hole Interval)	5381-5387'		5648-5658' (Cisco) 5860-5932 (Silurian)
Method of Production Flowing or Artificial Lift)	Flowing		Flowing
Sottomhole Pressure Note: Pressure data will not be required if the Note perforation in the lower zone is within 150% The depth of the top perforation in the upper zone)	N/A		N/A
Oil Gravity or Gas BTU Degree API or Gas BTU)	N/A		N/A
roducing, Shut-In or New Zone	Producing		Producing
Date and Oil/Gas/Water Rates of Last Production. Note: For new zones with no production history, opticant shall be required to attach production strimates and supporting data.)	Date: 11-2-02 Rates 42 mcfd 0 bopd 0 bwpd	Date: Rates:	Date: 12-13-02 Rates 165 mcfd 0 bopd 10 bwpd
Fixed Allocation Percentage Note: If allocation is based upon something other	Oil Gas	Oil Gas	Oil Gas
nan current or past production, supporting data or explanation will be required.)	20%	% %	80%
	ADDITI	ONAL DATA	
are all working, royalty and overrid			Yes X No
f not, have all working, royalty and			YesNo
Are all produced fluids from all com	mingled zones compatible with each	ch other?	YesX No
Will commingling decrease the valu	e of production?		Yes NoX
f this well is on, or communitized v or the United States Bureau of Land		er the Commissioner of Public Lands ing of this application?	Yes No
NMOCD Reference Case No. applic	eable to this well:		
Production curve for each zone For zones with no production hi Data to support allocation metho Notification list of working, roy	ningled showing its spacing unit and for at least one year. (If not available story, estimated production rates arod or formula. alty and overriding royalty interests or documents required to support contacts.)	ole, attach explanation.) and supporting data. s for uncommon interest cases.	
	PRE-APPR	ROVED POOLS	
If application	n is to establish Pre-Approved Pool	s, the following additional information v	vill be required:
List of other orders approving down List of all operators within the proper Proof that all operators within the property of th	osed Pre-Approved Pools		
	tion shore: to 1	to the best of	i.c.
nereby certify that the informat	non aboyens true and complete	to the best of my knowledge and bel	iei.

J.C.Crain 3 . 4 . 92	Read & Stevens	Yetes Pet. タ' TU" D.T. McCrea	Yates Pet. Yates Pet. 7 : 22 : 62 29623  D.T. McCrep "AEL"	Yates Pet. etal 3   03850 5590	Yates Pat., etal 3 · 1 Zono 103850 5592	4.9MII A.9MII A.
Georgio Pacific	U.S. Sanco Oper	が <sup>4</sup> Yates Pet. 16-2621 "TD" 32	₩ <sup>3</sup> .6MH.	OR RANCH,	/\.W.	36
Read & Stevens	**	***	* "Filaree-Fed" 5	Tates Pet. Nitram Fed (Martin Fed) 70 5000 NTO 6525 (DB 7 2 94)		<b>★</b> <sup>1</sup> <sub>2,9 Mil.</sub>
U.S. Kitchens	"Martin, etal" J. E Kitchengetai M.I. J.S. Martin	"Thunderhead-St." State	Yares Fel. Filares Fed. Ord. Disc. U.S.	(DAT 2 34)  (LAOW)  (We)  U. S.	u.s.	"Jen-St." State
98.40 /	Chesapeake Oper.	39.99 4 39.97 3 39.95 2 39.93 Yates Pet, etal	H.B.P. 16790 29211 3	140.38 4 40.28 3 40.25 2 40.21 2 Yotes Pet Votes Pet Yotes Pet Street 25 10.5131 (Street Pet Street Pet Street Pet Street Pet Street Pet Pet Pet Pet Pet Pet Pet Pet Pet	1 40.18 4 140.15 3 140.11 2 40.08 Yates Pet, etal 1 1 2005 1 V5685, 34.22	7 40.93 4 40.04 3 40.02 2 40.01 7 Eastland Oil L- p406
38.42 2 (Union) (Kitchens	"PJ"	Yates Pet.	Yates Det Enganoli 2 Fed. ** W.C. ** Disc. s will	(Exco Res) 71747 15502 (Nicor Expl) 8422		ADDR
36.42 5 minute 477 (1) SW   H.B.C. (1)   Krichers (	Michellen Ministration Ministration	5 8 · 1 · 86 28171	Yates Pet.   ** 2.4 Mil.	<b>8</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Yotes Pet, etal 2	F. Pool Byrom-5+. 4.1 Mil. TO 2270 DA 2:1287
Yatas Fact Yates Pet. ctal, te Abs 7 · 22 · 93 book D.T. McCrea McClettan HBP 11596 Kitchens	U.S. A.W. Leer(S)	Fed. 10.4800 bh 12:16:80 U.S. A.W. Leer(S)	"Engwoll-Fed."   	InterPeri edectric control control control	SLOPE SO.	"Byrom - St."
McClellan	**2 1.2 Mil	Yates Pet,etal HBP 14294	Yates *6	Chapman Kates Pet.	Yates,etal	State  Yates Pet. L:6772 "RU"
38.41 2	Chesapeake Oper (Yates Pel etail 5/R 14294 "PZ"	14294	*OA"	Yates Pet, etal 8430 HBC Yates (Honolulu) HBC MCConkey HBC	LG-4429  Yates Pet.	Yates Pet Whitworth- St. IR-U
78.45 3 7 Medellan	Chesapeake Oper. 5/R SE/4	8	Yorkes Peth 9	TD 637-79-50 PM 54-18 WC DISC. 4-HX C-506-700	(Desert Res Unit) Penn, Diec. C.9-26-87	Yates Pet Miss Disc. CI-M-82 TP6278
38.48 4 "Fee	5.	u.s.	State Spear-Fed 1.2 Mil.	ortes Pet	Desert Rose ALU"	Votes Fet. Whitworth St. Whitworth St. 3 you 3 16-82 Whitworth-St."
BR 52 / 1.7 Mil.	Yates Pet.,etal	A.W.Leer (S) Yates Pet., etal HBP	Yates Pet.etal to 6130' Fl Ron Pennzol/	Mc Conkey, Hrs Fed Com U.5  Yates Pet, etalo 8 7 etalo 8	Elk Oil HBP Elk Oil	State Duel A
Chesape oke Oper. 38.58 2 (Aennzoil)	14294	14294	L-6811 TAWH KingRes Topada Philips St Volts Pet To 6204 Horizon DA 8-27-89 57:	"0A" 3-A85 Meredith	J.B. Moss	L'ens
Finch Fee  I.M. Finch  38.62 3	to to	17`	Yates Pet, etal 16 El Rentine.	Zone Ad Meredith,	CSnuder 14 TEIR OTI-	
2 McCletton (Pennzoit) - McCletton Finch-Fee		R/J Ent ]		UR * (wo) 27791  "Spear-Fed"	1-JR Oper_54   100   1	Out 82 Pool Oper's 7/A Fort fire's
Dovid McCrea H.T.Dpllas	U.S.	P.W.Messenger, etal(s)	"Aurora St." 9 State  Yates Pet. etal 05	26 C.W. Mercediffs, Zane Fed."  (Nortex) Yates Yets	Smith St. Com. State	State  Elk Oil E, (Verde Vista)
38.81 2 2600	lakemore,Tr.	(Margene Blakemore, Tr.) 25059 ABUR Gleri 1-AWM BARTONE FED WE A De Disc. Yates Pet. Margene Fed 1210-79 Margene Fed	v. 5523	16-8968 25 Mil. 16-4919 LG 5078	Vates Pet, et al Dixu	We bise.   Mil. Elkoil
<u>38.09 ∃</u> 19		20 Pennzoil McCrea-Fed TO 1812 DIA-5-73	1, Lovelady Pennzoil 54. TD 4923 "Vista AVS St." DIA12-17-82	Nortex- 1-1 .	*4 xu "1bis-St." 23	Elk Oil WR-St. 74 TP2800
	R Res da J-Fed.		2 xates Pet. etal 418 V. 5524 *	St." Night Owl-St."  Mekaul Art 22  Transport - Law 10  Yorks Veder 1  Fet that IS. Comput  3 1: 2007 yets 1  16 22  VA-2126 VA-2126  "Night Owl-St."	Elkoil L-5349	`\+5
U.S. P.W.	er, etal(S)	p.w. Messenger, etal,(S)	"Avenue AVU St State	Store "Night OW)-St."	Penn.Disc.  **PEMarathon   **SEMarathon   **SEMarathon   **SEMarathon   **T(1) - T0 6380  (Wol D/A 3 2 69  (Wol D/A 3 2 69)	3 2.5 Mi. * * * * * * * * * * * * * * * * * * *
0559999	ates Pet.etal 3 18 2007	Yates Pet_etal 3 · 18 · 2007	EOG HBP 2-AZA LG-7642 0 grilla	Yates Pet. etal 4	Yates Pet. 24h	Pet. etal 5   5   9   1   1   1   1   1   1   1   1   1
39.042 , **	7	David McCred Pet.  April March (MCDISC)  J. M. (MCDISC)  Fefertiller, etal	34.	Yates Pet, etal. 1 1 2004 1 5 5639 1 5 53 1 705000 1 7 1000	<b>*</b> 4-∨N	NZ HBC *3-MI
Chesapeake Open		Ygtes Pet etal 105198 4000	Yotes Yetes 28 ADZ Pet () Motodor	1-AMD	26 0 5 · VN **	A(Out)
39.10 41 Yetes	Morsholl-Winston  Marc Cavid  McCreo.ncs  efertiller, 2101	U.S. p.w.Messenger, etal (5)	St. Com." O LG.7642	Vates Pet.   Nates Pet.   Vates Pet.   Petal.	* Witz-5t."	"Enron-St."
33.10	eake Oper.	P.W.Messenger, etal 137  Table Pret Votes Peth value Pet  14. 66 etal 12. 66 etal 14. 66 etal  14. 66 etal 14. 66 etal  14. 62 etal  14. 62 etal  15. 62 etal  15	Yates Pet, etal  VA 2054	* Yates Pet.etal	Yates Pet, et al   Yates     Yates	Stete  Di Holmes  Di Alles-se  Lav Yates Pet.
39.08 2 McClella	n Oil	☆ L5-199 ★	Votres Pet 1 AUS 1 1 A	VA 2066 1563	95 II G 5193 Yates Pet etal 2 Aug (Apache) Pusi	1 X Yates Pet L Levick States Pet L Levick Sta
31 E 10.00		Votre-56.** BB 2.1Mil	14 - 2 AUS	z-AWG Pet., etal	Terro-Se.	36 *²
79.02 4 Toles	16, McCletian) 195 166 161 181	18 V-5525 46 93	"Allied State"	Com." 0 L57420		"Energy AFY-St." 39
PS 12	U.S.	State	State	65 ≥ Sp. 100 €	Yates Pet, etal Pet etal HBP 03 Aug 1 1 89 1	State

R-26-E

ON ALL NON LIBRARY MAP PRODUCTS

ON ALL NON LIBRARY MAP PRODUCTS

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MARTIN YATES, III 1912 - 1985 FRANK W. YATES 1936 - 1986



# 105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (505) 748-1471

CHAIRMAN OF THE BOARD

JOHN A. YATES
PRESIDENT

PEYTON YATES
EXECUTIVE VICE PRESIDENT

RANDY G. PATTERSON
SECRETARY

DENNIS G. KINSEY

TREASURER

S. P. YATES

December 13, 2002

David Catanach State of New Mexico OIL CONSERVATION DIVISION 1220 South Saint Francis Drive Santa Fe, NM 87505

Dear Mr. Catanach,

Yates Petroleum Corporation hereby seeks administrative approval to downhole commingle the production from Foor Ranch Wolfcamp, North and the Foor Ranch Pre-Permian (Cisco)& (Silurian)pools in our Bittersweet AOZ Sate Com #1 located in Unit J of Section 28, Township 9 South, Range 26 East, Chaves County.

If you have any questions or need additional information, please call me at (505) 748-4182. Thank you.

Sincerely,

James W. Pringle
Operations Engineer

JWP/cm

**Enclosures** 

MARTIN YATES, III 1912 - 1985 FRANK W. YATES 1936 - 1986



## 105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (505) 748-1471

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SECRETARY
DENNIS G. KINSEY
TREASURER

S. P. YATES

December 13, 2002

Tim Gum State of New Mexico OIL CONSERVATION DIVISION 811 S. First Street Artesia, NM 88210

Dear Mr. Gum,

Yates Petroleum Corporation hereby seeks administrative approval to downhole commingle the production from Foor Ranch Wolfcamp, North and the Foor Ranch Pre-Permian (Cisco)& (Silurian)pools in our Bittersweet AOZ Sate Com #1 located in Unit J of Section 28, Township 9 South, Range 26 East, Chaves County.

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JWP/cm

Enclosures

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# 105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210-2118 TELEPHONE (505) 748-1471

JOHN A. YATES
PRESIDENT
PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

S. P. YATES CHAIRMAN OF THE BOARD

December 13, 2002

Pete Martinez State of New Mexico Commissioner of Public Lands P. O. Box 1148 Santa Fe, NM 87504-1148

Dear Mr. Martinez,

Pursuant to the State Land Office Rule Nos. 1.053, 1.054 and 1.055, you will find enclosed the \$30.00 filing fee and a copy of the commingling application for the Bittersweet AOZ State Com #1.

Should you have any questions, feel free to contact me at (505) 748-4182. Thank you.

Sincerely,

Yames W. Pringle Operations Engineer

ames W. Pringle

JWP/cm

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

### State of New Mexico

Energy, Minerals & Natural Resources Department

### OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 Copies

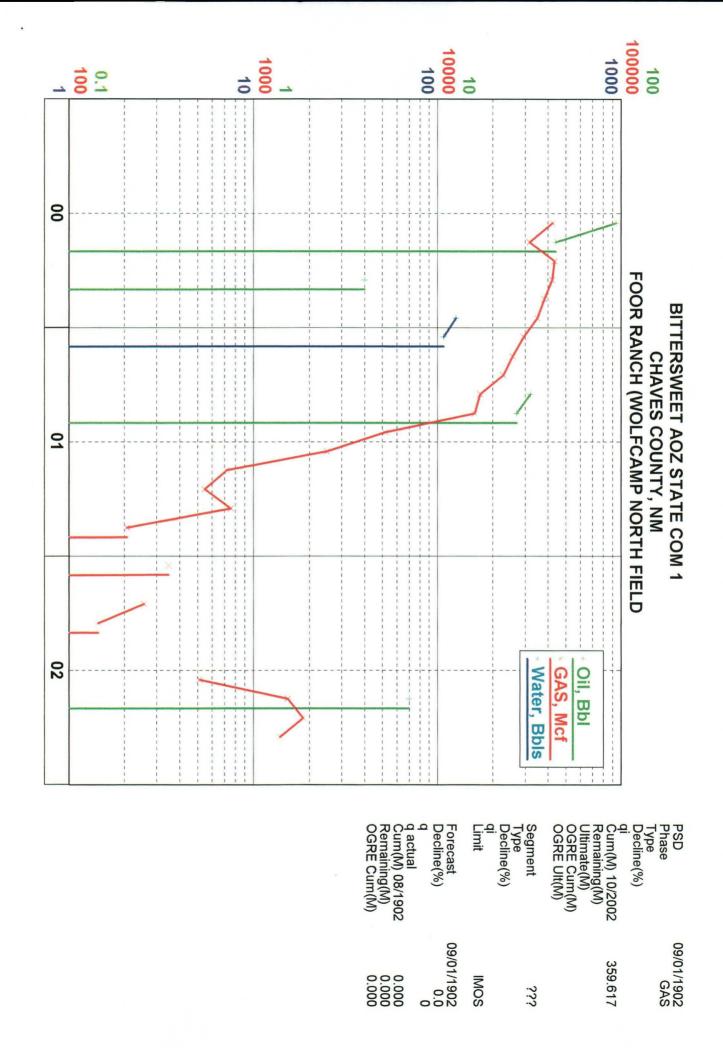
Fee Lease - 3 Copies

☐ AMENDED REPORT

		W	ELL LC	CATION	N AND ACR	EAGE DEDIC	ATION PLA	T		
1 A	API Number	r		<sup>2</sup> Pool Code			3 Pool Na	me		
30-005-62756						Foor Ranch Wolfcamp, North 76755				5
<sup>4</sup> Property C	Code				<sup>5</sup> Property N	Name			<sup>6</sup> Well Number	
		Bit	terswe	et AOZ	State Com	1			1	
OGRID N	No.				<sup>8</sup> Operator N	Name			9 Elevation	
025575 Yates		Petro1	etroleum Corporation					3763' GR		
		11111				Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East	/West line	County
J	28	9S	26E		1980	South	1980	Eas	t	Chaves
			11 Bo	ottom Ho	le Location If	f Different From	n Surface			
UL or lot no.	L or lot no. Section Township		Range	Lot Idn	Feet from the	North/South line	Feet from the	East	/West line	County
12 Dedicated Acres	13 Joint or	r Infill 14 C	onsolidation	Code 15 Or	der No.					
320										

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16			1 17
10			17 OPERATOR CERTIFICATION
			I hereby certify that the information contained herein
			is true and complete to the best of my knowledge and
			belief.
			Cherry Matches  Cherry Matchus
			Cherry Matchus
			Printed Name
			Engineering Technician
			Date
	-		18 SURVEYOR CERTIFICATION
	×		I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys
	0	1980'	made by me or under my supervision, and that the
			same is true and correct to the best of my belief.
			D
			Date of Survey
			Signature and Seal of Professional Surveyor:
	086		
	2		
			Certificate Number



District I

1625 N. French Dr., Hobbs, NM 88240

1301 W. Grand Avenue, Artesia, NM 88210

### State of New Mexico

Energy, Minerals & Natural Resources Department

### OIL CONSERVATION DIVISION

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

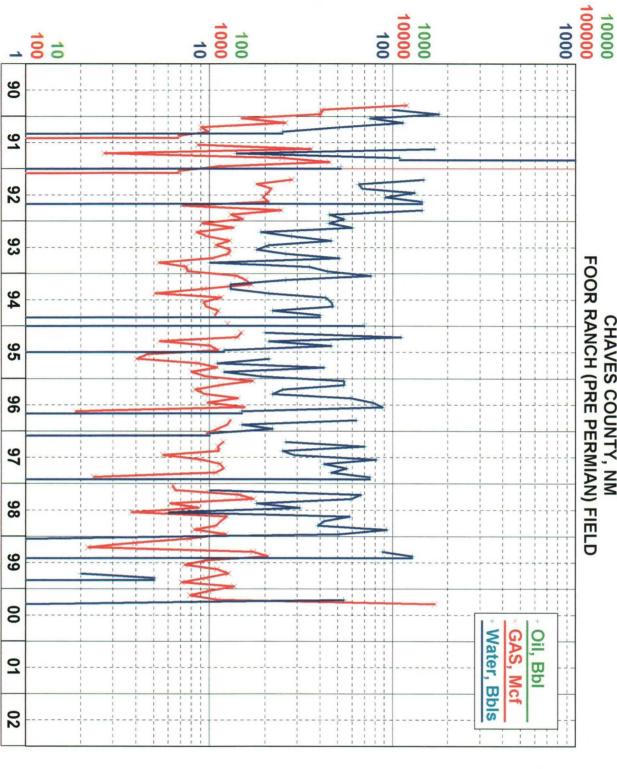
State Lease - 4 Copies

District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV				12	20 South St. Santa Fe, N					Lease - 3 Copies
1220 S. St. Francis	Dr., Santa F	e, NM 87505							☐ AME	NDED REPORT
		W	ELL LO	CATION	N AND ACR	EAGE DEDIC	CATION PLA	T		
1,	API Number	r		<sup>2</sup> Pool Code			<sup>3</sup> Pool Na	me		
30-005	-62756				Fo	or Ranch Pr	ce-Permian	Gas	76730	)
<sup>4</sup> Property Code			itters	** Property Name ttersweet AOZ State Com 1					Vell Number 1	
<sup>7</sup> <b>O</b> GRID No. 025575 Yates			Petro	Operator Name Petroleum Corporation					<sup>°</sup> Elevation 3763 GR	
					10 Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Eas	t/West line	County
J	28	9S	26E		1980	South	1980	East		Chaves
			n Bo	ttom Ho	le Location I	f Different From	m Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line		County
12 Dedicated Acres	s 13 Joint o	r Infill 14 Co	onsolidation (	Code 15 Or	der No.					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	51111101	IND CITIT III DELIN	THI THE TED BY THE	
16				17 OPERATOR CERTIFICATION
				I hereby certify that the information contained herein
				is true and complete to the best of my knowledge and
				belief.
				Cherry Matchus
				Signature (Cherry Matchus
				Printed Name
				Engineering Technician
				Title
				Date
				<sup>18</sup> SURVEYOR CERTIFICATION  I hereby certify that the well location shown on this
			1980	plat was plotted from field notes of actual surveys
		0	1100	made by me or under my supervision, and that the
				same is true and correct to the best of my belief.
				Date of Survey
				Signature and Seal of Professional Surveyor:
		·h		Signature and Sear of Floressional Surveyor.
		90		
		7		
				Certificate Number
				Communication of the communica

# BITTERSWEET AOZ STATE COM 1 CHAVES COUNTY, NM FOOR RANCH (PRE PERMIAN) FIELD



Forecast Decline(%) q q actual Cum(M) 12/1991 Remaining(M) OGRE Cum(M)	Segment Type Decline(%) qi Limit	Decline(%) qi Qi Cum(M) 04/200 Remaining(M) Ultimate(M) OGRE Cum(M) OGRE Ult(M)	PSD Phase
01/01/1992 0.0 0 674 1991 39.384 (M) 119.836 (M) 0.000	NOS ???	%) 04/2000 159.220 ng(M) 119.836 (M) 159.220 Lum(M) 159.220 Jit(M)	01/01/1992 GAS