

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

TELEPHONE (505) 748-1471

S. P. YATES
CHAIRMAN OF THE BOARD
JOHN A. YATES
PRESIDENT
PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

February 19, 1997

Jerry Sexton State of New Mexico OIL CONSERVATION DIVISION P. O. Drawer 1980 Hobbs, NM 88240

Dear Mr. Sexton,

Enclosed are the necessary documents for obtaining approval for the downhole commingling of the Pawnee APW State #1 located in Unit A of Section 3, Township 18 South, Range 35 East, Lea County.

Should you have any questions, feel free to contact me at (505) 748-1471. Thank you.

Sincerely,

Morris Keith Engineer

Mono Kerl

MK/th

**Enclosures** 



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

CHAIRMAN OF THE BOARD

JOHN A. YATES
PRESIDENT

PEYTON YATES
EXECUTIVE PRESIDENT

RANDY G. PATTERSON
SECRETARY

DENNIS G. KINSEY

TREASURER

S. P. YATES

February 19, 1997

David Catanach
State of New Mexico
OIL CONSERVATION DIVISION
2040 S. Pacheco Street
Santa Fe, NM 87505-5472

Dear Mr. Catanach,

Momo Kerk

Enclosed are the necessary documents for obtaining approval for the downhole commingling of the Pawnee APW State #1 located in Unit A of Section 3, Township 18 South, Range 35 East, Lea County.

Should you have any questions, feel free to contact me at (505) 748-1471. Thank you.

Sincerely,

Morris Keith Engineer

MK/th

**Enclosures** 



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

S. P. VATES
CHAIRMAN OF THE BOARD
JOHN A. VATES
PRESIDENT
PEYTON VATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

February 19, 1997

Pete Martinez
State of New Mexico
Commissioner of Public Lands
310 Old Santa Fe Trail
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 Pawnee APW State #1.

Should you have any questions, feel free to contact me at (505) 748-1471. Thank you.

Sincerely,

Morris Keith Engineer

mario Kerl

MK/th

**Enclosures** 

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107-A New 3-12-96

P.D. Box 1980, Hobbs, NM 88241-1980

#### OIL CONSERVATION DIVISION

DISTRICT II
811 South First St., Artesia, NM 88219-2835

2040 S. Pacheco Santa Fe, New Mexico 87505-6429

	APPROVAL	PROCESS:
_X_	Administrative	Hearing

DISTRICT III

1000 Rio Brazos Rd. Aztec, NM 87410-1693

#### APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE

X YES NO

Yates Petroleum Corporation	105 S. Fourth Str	reet	Artesia, NM 8821	0	
Operator	å ddress				
Pawnee APW State	1 A 3-18		35E	Lea	
Lease	Well No.	Unit Ltr Sec -	Twp - Rge	County	
OGRID NO. 025575 Property Co	ode <u>018837</u>	API NO. <u>30-02</u>		Spacing Unit Lease Types: (check for more)	tendict! Fee
The following facts are submitted in support of downhole commingling:	Upper Zone		Intermediate Zone		Lower Zone
1. Pool Name and Pool Code	Queen Sand		Grayburg	Wildcat San A 96668	ndres
Top and Bottom of     Pay Section (Perforations)	4374'-4388'		4738'-4742'	5140'-5358'	
3. Type of production [Oil or Gas]	Gas		Oil	Oil	
4. Method of Production	Artificial Lift		Artificial Lift	Artificial Lift	
(Flowing or Artificial Lift)  5. Bottomhole Pressure	(Current)			a, [Current]	
Oil Zones · Artificial Lift:	a. (Current)		a.		
Estimated Current Gas & Oil - Flowing:			1350	2050	
Measured Current All Gas Zones:	b. (Original)		b.	b. (Original)	
Estimated Or Measured Original  6. Oil Gravity ( API) or	39° API @ 60°F			37° API @ 60	°F
Gas BTU Content 7. Producing or Shut-In?	Shut-in		Shut-in	Producing	
Production Marginal? (yes or no)					
	Yes		Yes	Yes	
<ul> <li>If Shut In, give date and oil/gas/water rates of last production</li> </ul>	Date: 2-15-97	1	Date: Rates:	Date:	
Note: for new zones with no production history, applicant shall be required to attach production estimates and supporting data	Rates: 5 BOPD 54 BWPD 0 MCFGPD		nates:	Rates:	
' If Producing, give date and oil/gas/water rates of recent test	Date:		Date:	Date: 1-13-97	
(within 60 days)	Rates:		Rates:	Rates: 44 BOPD 84 BWPI	
8. Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%)	0i/: 6as:		Mil: Gas: 0%	0 MCFGI 0il: Gas 90%	
9. If allocation formula is based upon something explaining method and providing rate projection 10. Are all working, overriding, and royalty interes If not, have all working, overriding, and royalty Have all offset operators been given written not.	ns or other required data. ts identical in all comming interests been notified by	led zones? certified mail?	XYes No Yes No Yes No XYes No	, submit attachments with sup	porting data and/or
11. Will cross-flow occur? Yes X No I allocation formula be reliable. Yes			s not be damaged, will any o	cross-flowed production be rec	overed, and will the
2. Are all produced fluids from all commingled zon	nes compatible with each	other? <u>X</u> Ye	s No		
13. Will the value of production be decreased by c	ommingling? Yes	_X_No (If Ye	s, attach explanation)		
14. If this well is on, or communitized with, state of Land Management has been notified in writing		Commissioner of Pr Yes No -	ublic Lands or the United Sta	tes Bureau	
5. NMOCD Reference Cases for Rule 303(D) Exc	options: ORDE	R NO(S).			
6. ATTACHMENTS:  * C-102 for each zone to be com  * Production curve for each zone  * For zones with no production h  * Data to support allocation met  * Notification list of all offset op  * Notification list of working, ov  * Any additional statements, dat	for at least one year. (If istory, estimated production hod or formula. erators. erriding, and royalty intere	not available, attack on rates and support sts for uncommon i	n explanation.) ting data. nterest cases.		
hereby certify that the information above is tro	ue and complete to the b	est of my knowled	ge and belief.		
SIGNATURE Monus	Kul	TITLE	Operations Engineer	DATE	
TYPE OR PRINT NAME Morris Kei		EPHONE NO.	(505) 748-1471		

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV

PO Box 2088, Santa Fe, NM 87504-2088

#### State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

		Pool Code Poo				' Pool N	' Pool Name				
30-025-	33388	<u>.</u>			ļ	Queen Sand					
4 Property	Code				' Pro	Property Name 'Well Number				Well Number	
018837			Pawne	ee APW S			1				1
'OGRID	No.			Operator Name				' Elevation			' Elevation
025575		Yat	tes Pet	roleum	Corpora			3932'			3932 <b>'</b>
				<sup>10</sup> Surface Location							
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	the	North/South line	Feet from the	eet from the East/West		County
A	3	18S	35E		660		North	660	) East I		Lea
			11 Bot	tom Hol	e Location	on I	Different Fro	om Surface	*		
UL or lot no.	Section	Township	Range	Lot Idn	Feet Imm		North/South line	Feet from the	East/West	line	County
			;	1				}			
12 Dedicated Acr	es 13 Joint	or Infill 14 (	Consolidatio	a Code 15 C	Order No.		<u></u>	*	<del></del>		<u> </u>
NO ALLOV	WABLE '						ON UNTIL ALL			N CO	NSOLIDATED
		OR A	NON-ST	ANDARD	UNIT HA	S BE	EN APPROVED	BY THE DIVI	SION		
16				ł		-		▶ 17 OPER	RATOR	CERT	<b>FIFICATION</b>
				ł			<b>—</b>				contained herein is
							•	true and com	piece co che bi	est of my	knowledge and belief
						1					
<del> </del>			<del></del>			-		<u></u>			
						-		Signature			
	l							Tina Huerta Printed Name			
								Operations Technician			lan
	ŀ							Title			
						ļ		Date		<u></u>	
				_		<u> </u>		Date			
						ļ		18SURV	EYOR (	CERT	TFICATION
	l					į					n shown on this plat
								1	-	-	I surveys made by
:	Ī							and correct to			st the same is true
	ļ							REFER T	o origi	NAL I	PLAT
				1				Date of Surve			
					****		•	Signature and	Scal of Profe	asional St	urveyer:
	İ										
								ŀ			
						1					

Production curves for each zone are not available. The Queen Sand has not produced.

District I PO Box 1986, Hobbs, NM 88241-1980 District [[ PO Drawer DD, Artesia, NM 88211-0719

### State of New Mexico Energy, Minerals & Natural Resources Department.

#### OIL CONSERVATION DIVISION PO Box 2088 Santa Fe. NM 87504-2088

Form C-102 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies

AMENDED REPORT

#### District III 1000 Rio Brazos Rd., Aztec, NM 87410 Fee Lease - 3 Copies District IV PO Box 2088, Santa Fe, NM 27504-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT API Number 1 Pool Code 1 Pool Name 30-025-33388 Grayburg <sup>4</sup> Property Code <sup>1</sup> Property Name Well Number 018837 Pawnee AFW State 1 'OGRID No. Operator Name ' Elevation 025575 Yates Petroleum Corporation 3932' <sup>10</sup> Surface Location UL or lot no. Section Township Range Lot Ida Feet from the North/South line Feet from the East/West line County 18S 35E 660 North 660 East Lea 11 Bottom Hole Location If Different From 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 13 Joint or Infill 14 Consolidation Code 15 Order 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 17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Tina Huerta Printed Name Operations Technician Date 18SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. REFER TO ORIGINAL PLAT Date of Survey Signature and Scal of Professional Surveyer:

Certificate Number

Production curves for each zone are not available. The Grayburg has not produced.

District I PO Box 1986, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV

API Number

30-025-33388

<sup>4</sup> Property Code

### State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> Property Name

Wildcat San Andres

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

<sup>3</sup> Pool Name

☐ AMENDED REPORT

\* Well Number

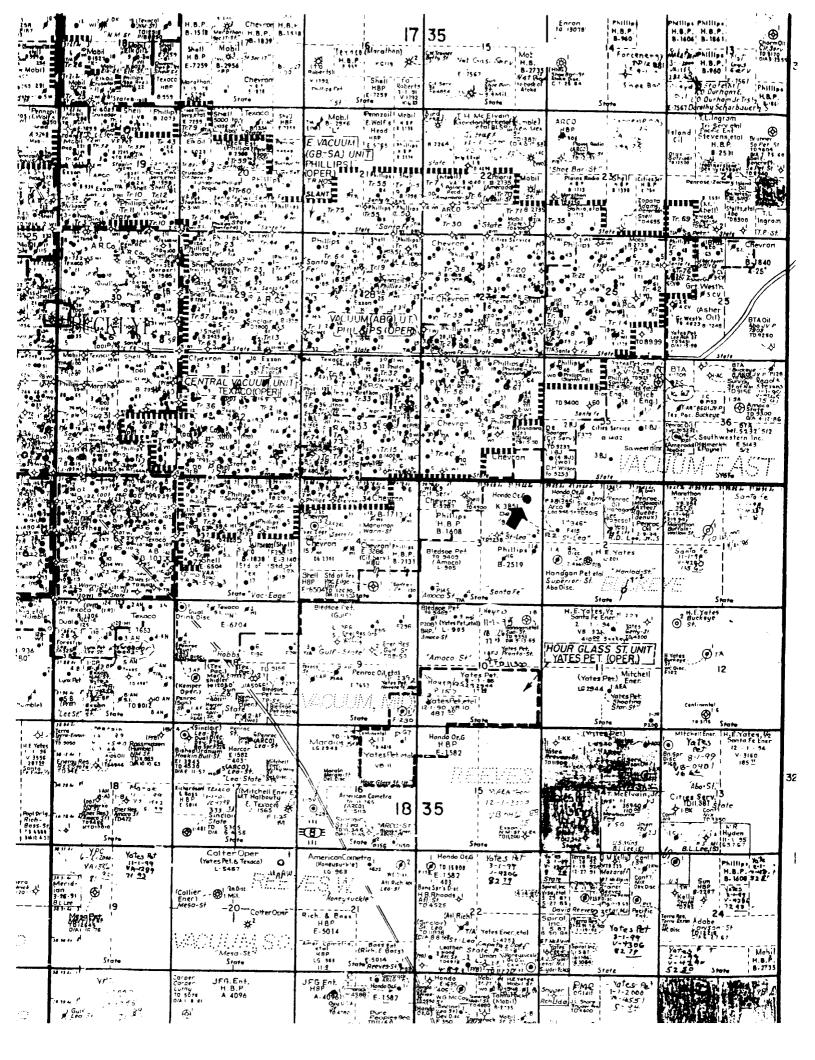
### PO Box 2088, Santa Fe, NM 87504-2088

<sup>2</sup> Pool Code

96668

018837			Pawn	iee APW	State			1	1	
' OGRID	No.				<sup>1</sup> Operator	r Name	' Elevation			
025575		Ya	ites Per	troleum	Corporatio	on	3932			
				<b></b>	<sup>10</sup> Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
A	3	185	35E	1	660	North	660	East	Lea	
<del></del>	Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Let Idn	Feet from the	North/South line	Feet from the	East/West line	County	
12 Dedicated Acr	res 13 Joint	torinfill "	Consolidatio	an Code 15 (	Order No.	<u> </u>	<u> </u>	<u> </u>		
NO ALLO	WABLE	WILL BE	ASSIGNE	р то тн	IS COMPLETI	ON UNTIL ALL	INTERESTS H	AVE BEEN C	ONSOLIDATED	
		OR A	NON-ST	ANDARD	UNIT HAS BE	EEN APPROVED	BY THE DIVI	SION	ONOCHDALLD	
16							o PER	ATOR CE	RTIFICATION	
		1					JE .		tion contained herein is	
	1	İ				▼ .	true and comp	plese so the best of t	my knowledge and belief	
		l								
	1	İ								
	I	İ								
							<b>-</b>			
	1	I					Signature Tina Hu	· awta		
		I					Printed Name			
								ons Techni	cian	
							Title			
I							Date		<del></del>	
				<del></del>			_			
							18		RTIFICATION	
Í				ļ					ution shown on this plat	
i	1						me or under m	ny supervision, and	tual surveys made by that the same is true	
l							and correct to	the best of my belie	lef.	
ļ	1							O ORIGINAL	PLAT	
			· <del></del>				Date of Survey			
	!						Signature and .	Scal of Professional	l Surveyer:	
	-									
				İ						
							Certificate Nun	nber		

Production curves for each zone are not available. The Wildcat San Andres has produced only 2 months.



# YATES PETROLEUM CORPORATION APPLICATION FOR ADMINISTRATIVE APPROVAL DOWNHOLE COMMINGLING PAWNEE APW STATE #1 LEA COUNTY, NEW MEXICO

Manzano Oil Corporation P. O. Box 2107 Roswell, NM 88202-2107

Mitchell Energy Corporation P. O. Box 4000 The Woodlands, TX 77387-4000

Maralo, Inc. 5151 San Felipe Suite 400 Houston, TX 77056-3607

Texaco Exploration and Production, Inc. P. O. Box 3109
Midland, TX 79702



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

S. P. VATES
CHARMAN OF THE BOARD
JOHN A. YATES
PRESIDENT
PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

February 19, 1997

Manzano Oil Corp. P. O. Box 2107 Roswell, NM 88202-2107

Ladies and Gentlemen,

Yates Petroleum Corporation has made an application for administrative approval for downhole commingling for the Pawnee APW State #1 located in Unit A of Section 3, Township 18 South, Range 35 East, Lea County. Please find attached application. This will serve as notification to an offset operator.

Should you have any questions, or need additional information, pleas do not hesitate to contact me at (505) 748-1471.

Sincerely,

Morris Keith
Operations Engineer

mono Kent



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

S. P. YATES
CHAIRMAN OF THE BOARD
JOHN A. YATES
PRESIDENT
PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

February 19, 1997

Mitchell Energy Corp. P. O. Box 4000 The Woodlands, TX 77387-4000

Ladies and Gentlemen,

Yates Petroleum Corporation has made an application for administrative approval for downhole commingling for the Pawnee APW State #1 located in Unit A of Section 3, Township 18 South, Range 35 East, Lea County. Please find attached application. This will serve as notification to an offset operator.

Should you have any questions, or need additional information, pleas do not hesitate to contact me at (505) 748-1471.

Sincerely,

Morris Keith
Operations Engineer

Moma Keel



# 105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210 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

February 19, 1997

Maralo, Inc. 5151 San Felipe Suite 400 Houston, TX 77056-3607

Ladies and Gentlemen,

Yates Petroleum Corporation has made an application for administrative approval for downhole commingling for the Pawnee APW State #1 located in Unit A of Section 3, Township 18 South, Range 35 East, Lea County. Please find attached application. This will serve as notification to an offset operator.

Should you have any questions, or need additional information, pleas do not hesitate to contact me at (505) 748-1471.

Sincerely,

Morris Keith Operations Engineer

morus Kerl



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

S. P. VATES
CHAIRMAN OF THE BOARD
JOHN A. VATES
PRESIDENT
PEYTON VATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

February 19, 1997

Texaco Exploration and Production Inc. P. O. Box 3109
Midland, TX 79702

Ladies and Gentlemen,

Yates Petroleum Corporation has made an application for administrative approval for downhole commingling for the Pawnee APW State #1 located in Unit A of Section 3, Township 18 South. Range 35 East, Lea County. Please find attached application. This will serve as notification to an offset operator.

Should you have any questions, or need additional information, pleas do not hesitate to contact me at (505) 748-1471.

Sincerely,

Morris Keith Operations Engineer

mons Kerl