

COMMERCIAL RESOURCES (505)-827-5724

SURFACE RESOURCES (505)-827-5795

MINERAL RESOURCES (505)-827-5744

> ROYALTY (505)-827-5772

State of New Mexico Commissioner of Public Lands

Ray Powell, M.S., D.V.M. 310 Old Santa Fe Trail, P. O. Box 1148 Santa Fe, New Mexico 87504-1148 Phone (505)-827-5760, Fax (505)-827-5766 PUBLIC AFFAIRS (505)-827-5765

ADMINISTRATIVE MOMT. (505)-827-5700

> LEGAL (505)-827-5715

PLANNING (505)-827-5752

March 12, 1997

Yates Petroleum Corporation 105 South 4th Street Artesia, New Mexico 88210

Attn: Mr. Morris Keith

Re:

Downhole Commingling Application Pawnee APW State Well No. 1

NE4NE/4, Section 20-18S-35E

Queen Sand, Grayburg and Wildcat San Andres Pools

Lea County, New Mexico

Dear Mr. Keith:

We are in receipt of your application of February 19, 1997, requesting our approval to downhole commingle the production from the above subject well from the Queen Sand, Grayburg and Wildcat San Andres Pools in Lea County, New Mexico.

It is our understanding that production from the subject well will be allocated as follows:

<u>POOL</u>	<u>ALLOCA</u>	ALLOCATION	
	Oil%	Gas %	
Queen Sand	10%	0%	
Grayburg	0%	0%	
Wildcat San Andres	90%	100%	
	100%	100%	

Since it appears that there will be no loss of revenue to the State of New Mexico as a result of your proposed operation, your request for downhole commingling the production from the abovementioned well is hereby approved. Any deviation from the substance of your request will be sufficient

Yates Petroleum Corporation March 12, 1997 Page 2

grounds for rescinding our approval. Our approval is subject to like approval by the New Mexico Oil Conservation Division.

Your filing fee in the amount of \$30.00 has been received.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.

COMMISSIONER OF PUBLIC LANDS

JAMI BAILEY, Director

Oil, Gas and Minerals Division

(505) 827-5744

RP/JB/cpm Enclosure

cc: Reader File

OCD-Attention: David Catanach, Ben Stone

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Case No. <u>11781</u> Exhibit No. <u>4</u>

Submitted by: <u>Yates Petroleum Corporation</u>

Hearing Date: May 15, 1997

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11 Sung Flow Sc., decrees, \$10. 162.16-2125				• !
ISTRICT IN	San De Fe.	New Mexico 87505-5429	EXISTING WELLBORE	
PC& No Brezze Rd, A2000, XME 97418 1692	APPLICATION FOR	DOWNHOLE COMMINGLING	X YESND	
ates Petroleum Corporation	105 S. Fourth Street	Artesia, NM 88210		_
Pawnee APW State	Add as	A-20-18S-35E	.ea	
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OGRID NO. 025575 71	reportly Code <u>018837</u> API NO.	40 444 44444	Blate X material Fee	
the following facts are submitted in supplemental to the supplemen	ert of Uppor Zane	Intermediate Zeac	Lower Zone	7
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2. Top and Battom of Pay Section Performing	4374' 4388'	4738'-4742'	5140'-5358'	1
3. Type at production (Od or Gos)	Gas	Oil	Oil	
4. Method at Production	Artificial Lift	Artificial Lift	Artificial Lift	-{
iFlawing or Artificial Lift 5. Bottomhole Prespure		ALTERNATION AND		_
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Gas & OB - Flowing: Measured Current	L (Original)	b .	b. (Onginal)	
All Gas Zanes: Estimated Or Mansured Origi	inal			1
6. Oil Staviny (API) or Gas BTM Content	39° API @ 60°F		37° API @ 50°F	7
7 Producing or Shot-in?	Shut-in	Shut-in	Producing	_i
Production Marginal? Iyas or me)	Yes	Yes	Yes	
* If Shut-in, give date and oil/ges/water	rates of Sam. 2 15-97	8397	Dist	-
lest production	name 5 BOPD	Retail.	Rown	
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Indings Ell gailst	Rater	Rosert	Aume 44 BOPO	
			84 BWPD 0 MCFGPD	
B. Fixed Percentage Allocation Formula '% for each zone	Oit Day	Sit Elec	De- Eyr:	-[
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13 Will the value of production be decr		No. III Van attack analysis i	ğ	- A =
·		No III You, attach explanation)	COMISSIONER	b. 1
	MITS, STACE OF TOGOTH LENGE, EITHOR THE COMM IN Writing of this application. X Yes	nissroner at Public Lands or the United States Br	~" \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	9
15. NMOCO Reference Cases for Rule	- · · · · · · · · · · · · · · · · · · ·	(5).	I A	- 05
16. ATTACHMENTS:	•		1-4) { *
	e to be commingled showing its spacing unit weach term for at least one year. (If not av		8 D	-1 2c
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* Data to support all * Notification fist of	ocation method or formula. all affant operators.		15 %	· 🧸 医多
* Natification list of	working, overriding, and revally interests fo		الق	O' F
	ements, date, or documents required to sup		PUBLIC/LANDS	1
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m		•	2 11 00	
			DATE <u>3-4-97</u>	
TYPE OR PRINT NAME	Marris Keith TELEPH	UNE NO. <u>(505) 748-1471</u>		