

12/18/02	SUSPENS <b>NA</b>	ENGINEER <b>DRC</b>	LOGGED IN <b>KW</b>	TYPE <b>DHC</b>	APP NO. <b>0235337899</b>
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



3094

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

**[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**  
**[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]**  
**[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]**  
**[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]**  
**[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]**  
**[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]  
 [A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]  
 [B] Commingling - Storage - Measurement  
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify \_\_\_\_\_
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply  
 [A] ☐ 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] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note:** Statement must be completed by an individual with managerial and/or supervisory capacity.

James W. Pringle		Operations Engineer	11-12-02
Print or Type Name	Signature	Title	Date
e-mail Address _____			



**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

## OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, New Mexico 87505

APPLICATION TYPE

X Single Well

### Establish Pre-Approved Pools

EXISTING WELLBORE  
  X   Yes             No

## APPLICATION FOR DOWNHOLE COMMINGLING

Yates Petroleum Corporation  
Operator

105 South Fourth Street  
Address

Bittersweet AOZ State Com	1	J	28	9S	26E
Lease	Well No.	Unit Letter-Section-Township-Range			

County

OGRID No. 025575 Property Code \_\_\_\_\_ API No. 30-005-62756 Lease Type: \_\_\_ Federal X State \_\_\_ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Foor Ranch Wolfcamp, North ✓		Foor Ranch Pre-Permian ✓
Pool Code	76755		
Top 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
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of 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
Producing, Shut-In or New Zone	Producing		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 11-2-02 Rates 42 mcf/d 0 bopd 0 bwpd	Date: Rates:	Date: 12-13-02 Rates 165 mcf/d 0 bopd 10 bwpd
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 20%	Oil Gas % %	Oil Gas 80%

### **ADDITIONAL DATA**

Are all working, royalty and overriding royalty interests identical in all commingled zones?  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes X No \_\_\_\_\_  
Yes \_\_\_\_\_ No \_\_\_\_\_

Are all produced fluids from all commingled zones compatible with each other?

Yes   X   No       

Will commingling decrease the value of production?

Yes                      No      X  

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes \_\_\_\_\_ No \_\_\_\_\_

NMOCD Reference Case No. applicable to this well:

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.  
Production curve for each zone for at least one year. (If not available, attach explanation.)  
For zones with no production history, estimated production rates and supporting data.  
Data to support allocation method or formula.  
Notification list of working, royalty and overriding royalty interests for uncommon interest cases.  
Any additional statements, data or documents required to support commingling.

## PRE-APPROVED POOLS

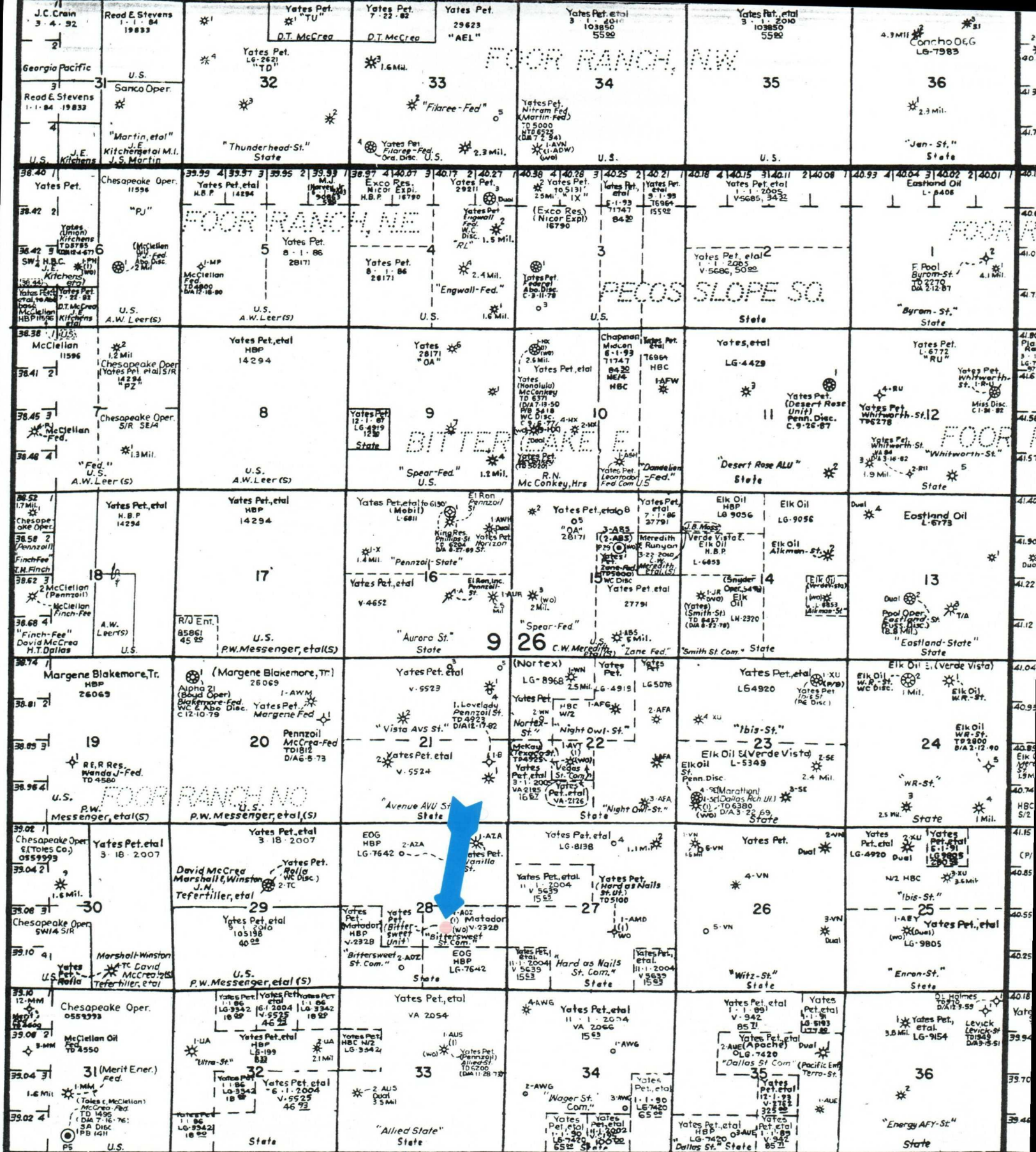
If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools  
List of all operators within the proposed Pre-Approved Pools  
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.  
Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE James W. Pringle TITLE \_\_\_\_\_ DATE: December 13, 2002  
TYPE OR PRINT NAME \_\_\_\_\_  
James W. Pringle TELEPHONE NO. (505) 748-4182





R-26-E

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INCLUDING PZ MAPS AND WILDCAT MAPS

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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

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

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,

A handwritten signature in cursive script that reads 'James W. Pringle'.

James W. Pringle  
Operations Engineer

JWP/cm

Enclosures



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



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SECRETARY  
DENNIS G. KINSEY  
TREASURER

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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SECRETARY  
DENNIS G. KINSEY  
TREASURER

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,

A handwritten signature in cursive script that reads 'James W. Pringle'.

James W. Pringle  
Operations Engineer

JWP/cm

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

Santa Fe, NM 87505

Fee Lease - 3 Copies

☐ AMENDED REPORT

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
30-005-62756		Foor Ranch Wolfcamp, North 76755
<sup>4</sup> Property Code	<sup>5</sup> Property Name	<sup>6</sup> Well Number
	Bittersweet A0Z State Com	1
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name	<sup>9</sup> Elevation
025575	Yates Petroleum Corporation	3763' GR

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	East	Chaves

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
320			

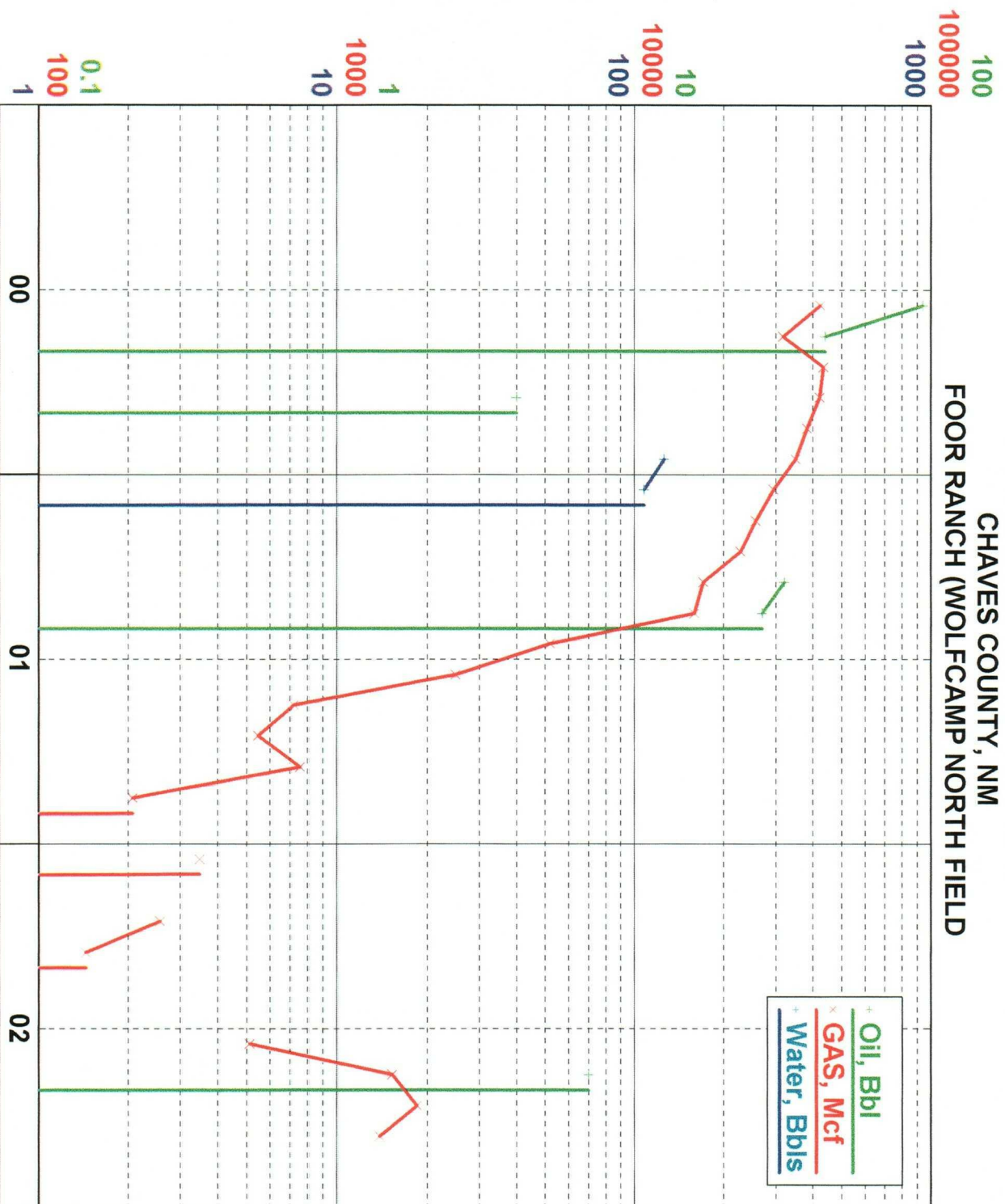
16		<div style="border-bottom: 1px solid black; margin-bottom: 5px;">17 OPERATOR CERTIFICATION</div> <div style="font-size: 0.8em; margin-bottom: 10px;"><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></div> <div style="margin-bottom: 10px;"><div style="border-bottom: 1px solid black; display: inline-block; width: 100%;">Cherry Matchus</div><div style="font-size: 0.7em; margin-top: 2px;">Signature</div></div> <div style="margin-bottom: 10px;"><div style="border-bottom: 1px solid black; display: inline-block; width: 100%;">Cherry Matchus</div><div style="font-size: 0.7em; margin-top: 2px;">Printed Name</div></div> <div style="margin-bottom: 10px;"><div style="border-bottom: 1px solid black; display: inline-block; width: 100%;">Engineering Technician</div><div style="font-size: 0.7em; margin-top: 2px;">Title</div></div> <div style="margin-bottom: 10px;"><div style="border-bottom: 1px solid black; display: inline-block; width: 100%;"></div><div style="font-size: 0.7em; margin-top: 2px;">Date</div></div>
17	<div style="border-bottom: 1px solid black; display: inline-block; width: 100%;"></div> <div style="font-size: 0.7em; margin-top: 2px;">Date of Survey</div> <div style="margin-top: 10px;"><div style="border-bottom: 1px solid black; display: inline-block; width: 100%;"></div><div style="font-size: 0.7em; margin-top: 2px;">Signature and Seal of Professional Surveyor:</div></div> <div style="margin-top: 10px;"><div style="border-bottom: 1px solid black; display: inline-block; width: 100%;"></div><div style="font-size: 0.7em; margin-top: 2px;">Certificate Number</div></div>	<div style="border-bottom: 1px solid black; margin-bottom: 5px;">18 SURVEYOR CERTIFICATION</div> <div style="font-size: 0.8em; margin-bottom: 10px;"><i>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.</i></div> <div style="margin-bottom: 10px;"><div style="border-bottom: 1px solid black; display: inline-block; width: 100%;"></div><div style="font-size: 0.7em; margin-top: 2px;">Date of Survey</div></div> <div style="margin-bottom: 10px;"><div style="border-bottom: 1px solid black; display: inline-block; width: 100%;"></div><div style="font-size: 0.7em; margin-top: 2px;">Signature and Seal of Professional Surveyor:</div></div> <div style="margin-top: 10px;"><div style="border-bottom: 1px solid black; display: inline-block; width: 100%;"></div><div style="font-size: 0.7em; margin-top: 2px;">Certificate Number</div></div>

1980'

1980'



**BITTERSWEET AOZ STATE COM 1  
CHAVES COUNTY, NM  
FOOR RANCH (WOLFCAMP NORTH FIELD)**



PSD	09/01/1902
Phase	GAS
Type	
Decline(%)	
qi	
Cum(M) 10/2002	359.617
Remaining(M)	
Ultimate(M)	
OGRE Cum(M)	
OGRE Ult(M)	
Segment	???
Type	
Decline(%)	
qi	
Limit	IMOS
Forecast	09/01/1902
Decline(%)	0.0
q	0
q actual	
Cum(M) 08/1902	0.000
Remaining(M)	0.000
OGRE Cum(M)	0.000



**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 &amp; 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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-005-62756	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name Foor Ranch Pre-Permian Gas 76730
<sup>4</sup> Property Code	<sup>5</sup> Property Name Bittersweet AOZ State Com	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 025575	<sup>8</sup> Operator Name Yates Petroleum Corporation	<sup>9</sup> Elevation 3763' GR

<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
J	28	9S	26E		1980	South	1980	East	Chaves

<sup>11</sup> Bottom Hole Location If Different From Surface

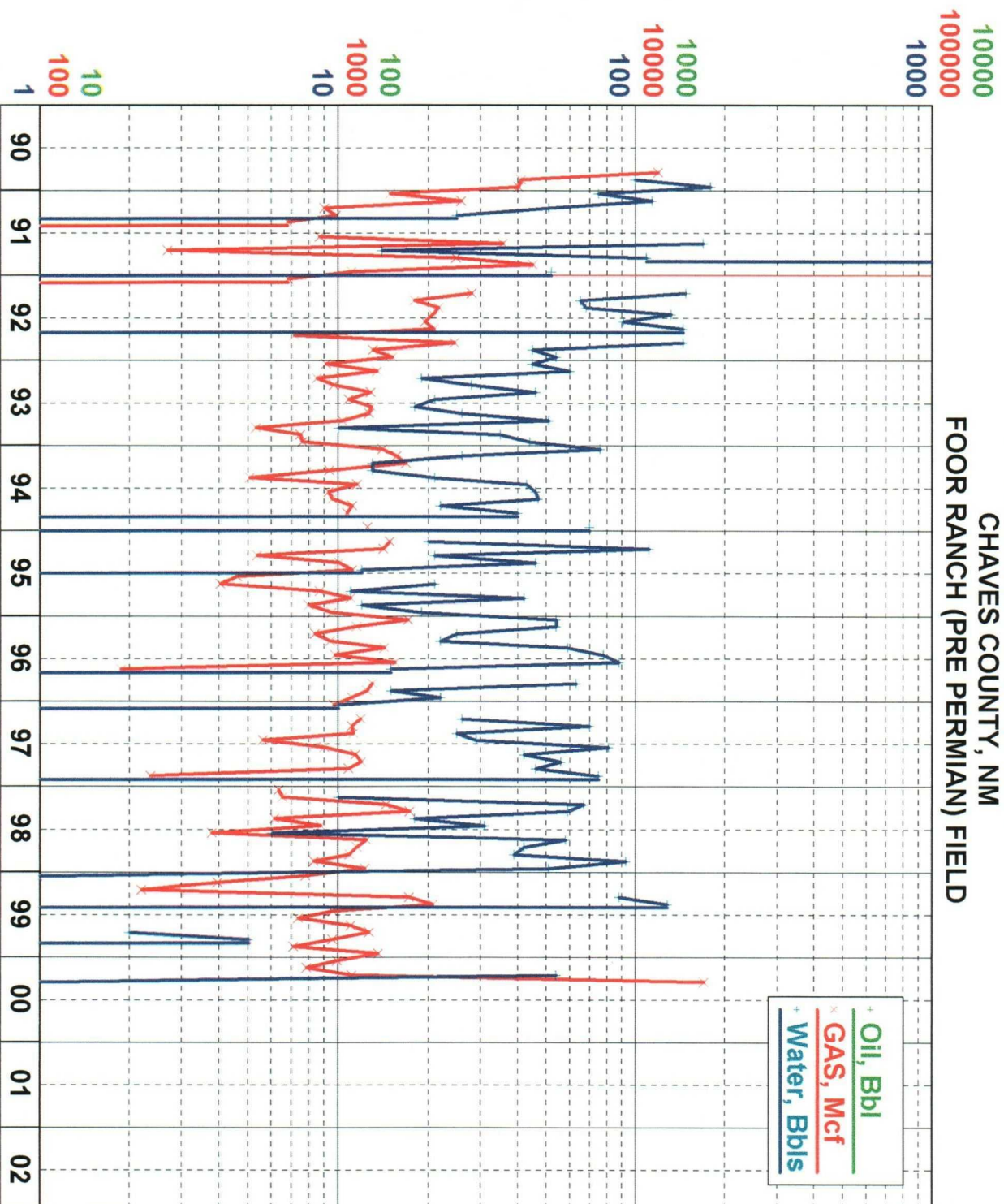
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<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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

<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Cherry Matchus Printed Name Engineering Technician Title Date
	<sup>18</sup> SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyor:
	Certificate Number

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



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