

DC-0119

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
**Aug 29 2003** - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



## 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 \_\_\_\_\_

3193

- [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 8-26-03  
 Print or Type Name Signature Title Date

\_\_\_\_\_  
 e-mail Address

District I  
1625 N. French Drive, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised May 15, 2000

District II  
811 South First Street, Artesia, NM 88210

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

APPLICATION TYPE  
 Single Well  
 Establish Pre-Approved Pools  
EXISTING WELLBORE  
 Yes  No

District III  
1000 Rio Brazos Road, Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

**APPLICATION FOR DOWNHOLE COMMINGLING**

Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210  
Operator Address

Engwall RL Federal 4 J 4 9S 26E Chaves  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 025575 Property Code \_\_\_\_\_ API No. 30-005-63284 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Pecos Slope Abo	Foor Ranch Wolfcamp Northwest	<i>Und.</i> Foor Ranch Pre-Permian (Strawn)
Pool Code	82730	97066	76730
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	4428-4847'	5456-5468'	5872-6016'
Method of Production (Flowing or Artificial Lift)	Flowing	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)	NA	NA	NA
Oil Gravity or Gas BTU (Degree API or Gas BTU)	NA	NA	NA
Producing, Shut-In or New Zone	New Zone	New Zone	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: Rates: Est 800 mcf 0 bopd 0 bwpd	Date: Rates: Est 200 mcf 0 bopd 0 bwpd	Date: Rates: 146 mcf 0 bopd 0 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 70%	Oil Gas 17%	Oil Gas 13%

**ADDITIONAL DATA**

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes  No \_\_\_\_\_  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes  No \_\_\_\_\_

Are all produced fluids from all commingled zones compatible with each other? Yes  No \_\_\_\_\_

Will commingling decrease the value of production? Yes \_\_\_\_\_ No

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 Operations Engineer DATE : 8/26/03  
TYPE OR PRINT NAME James W. Pringle TELEPHONE NO. (505)-748-4182

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

August 26, 2003

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 the Foor Ranch Pre-Permian (Strawn), the Foor Ranch Wolfcamp Northwest and the Pecos Slope Abo, in our Engwall "RL" Federal #4, located in Unit J of Section 4, Township 9 South, Range 26 East, Chaves County

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

Sincerely,

A handwritten signature in black ink that reads 'James W. Pringle'. The signature is written in a cursive style with a large, prominent 'J' and 'P'.

James W. Pringle  
Operations Engineer

JWP/Cm

Enclosure

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SECRETARY  
DENNIS G. KINSEY  
TREASURER

August 26, 2003

Tim Gum  
State of New Mexico  
OIL CONSERVATION DIVISION  
1301 W. Grand Street  
Artesia, NM 88210

Dear Mr. Gum,

Yates Petroleum Corporation hereby seeks administrative approval to downhole commingle the production from the Foor Ranch Pre-Permian (Strawn), the Foor Ranch Wolfcamp Northwest and the Pecos Slope Abo, in our Engwall "RL" Federal #4, located in Unit J of Section 4, Township 9 South, Range 26 East, Chaves County

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

Sincerely,

A handwritten signature in black ink that reads 'James W. Pringle'. The signature is written in a cursive, flowing style.

James W. Pringle  
Operations Engineer

JWP/Cm

Enclosure

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1936 - 1986



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SECRETARY  
DENNIS G. KINSEY  
TREASURER

August 26, 2003

Armando Lopez  
Bureau of Land Management  
2909 2<sup>nd</sup> Street  
Roswell, New Mexico 88201

Dear Mr. Lopez

Yates Petroleum Corporation hereby seeks administrative approval to downhole commingle the production from the Foor Ranch Pre-Permian (Strawn), the Foor Ranch Wolfcamp Northwest and the Pecos Slope Abo, in our Engwall "RL" Federal #4, located in Unit J of Section 4, Township 9 South, Range 26 East, Chaves County

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

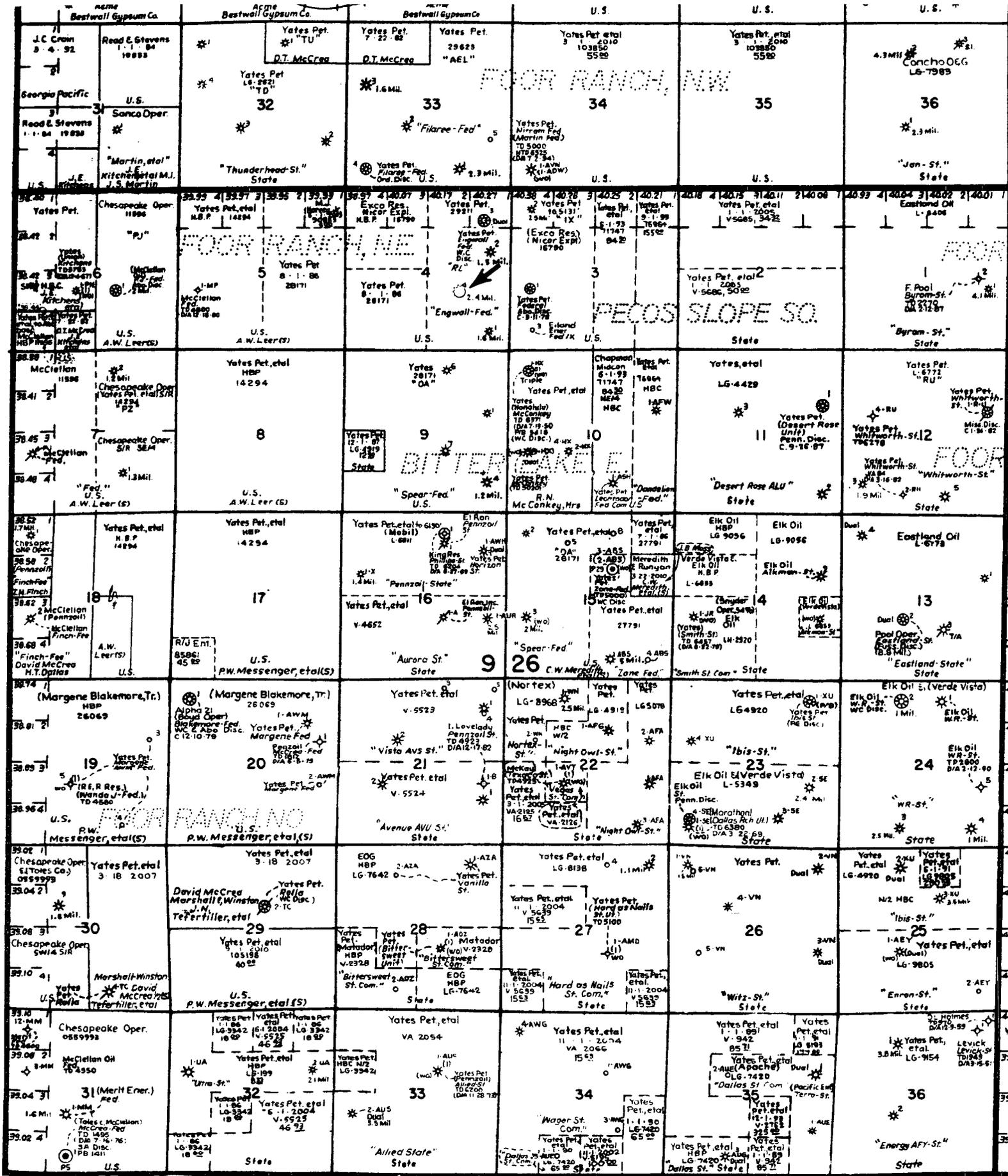
Sincerely,

A handwritten signature in black ink that reads 'James W. Pringle'. The signature is written in a cursive, flowing style.

James W. Pringle  
Operations Engineer

JWP/Cm

Enclosure



R-26-E

ON ALL NON LIBRARY MAP PRODUCTS  
INCLUDING PZ MAPS AND WILDCAT MAPS

THIS MAP IS DELIVERED TO YOU WITH THE LICENSE TO USE SAME FOR SUCH PURPOSES AS LICENSEE DEEMS FIT ONLY FOR LICENSEE'S PERSONAL OR INTERNAL USE BUT ALLOWING ONLY LICENSEE'S PHOTOCOPYING OF BLACK AND WHITE PAPER PRINTS NOT EXCEEDING 11" x 17" IN SIZE BUT IN ANY EVENT ANY SUCH REPRODUCTION MUST SHOW THE MIDLAND MAP COMPANY COPYRIGHT AND OTHER

THE MIDLAND MAP COMPANY COPYRIGHT. ANY REPRODUCTION OF THIS MAP, OTHER THAN THE RESTRICTED PHOTOCOPYING RIGHTS ABOVE, MUST BE CONTRACTED THROUGH MIDLAND MAP COMPANY UNLESS REPRODUCTION RIGHTS ARE PURCHASED AND A PERMIT STAMP APPEARS BELOW

District I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

District II  
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-63284</b>		<sup>3</sup> Pool Name <b>Foor Ranch Pre-Permian (Strawn)</b>	
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>Engwall "RL" Federal</b>		<sup>6</sup> Well Number <b>4</b>
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>		<sup>9</sup> Elevation <b>3856'</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
<b>J</b>	<b>4</b>	<b>9S</b>	<b>26E</b>		<b>1980</b>	<b>South</b>	<b>1650</b>	<b>East</b>	<b>Chaves</b>

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres <b>320</b>		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

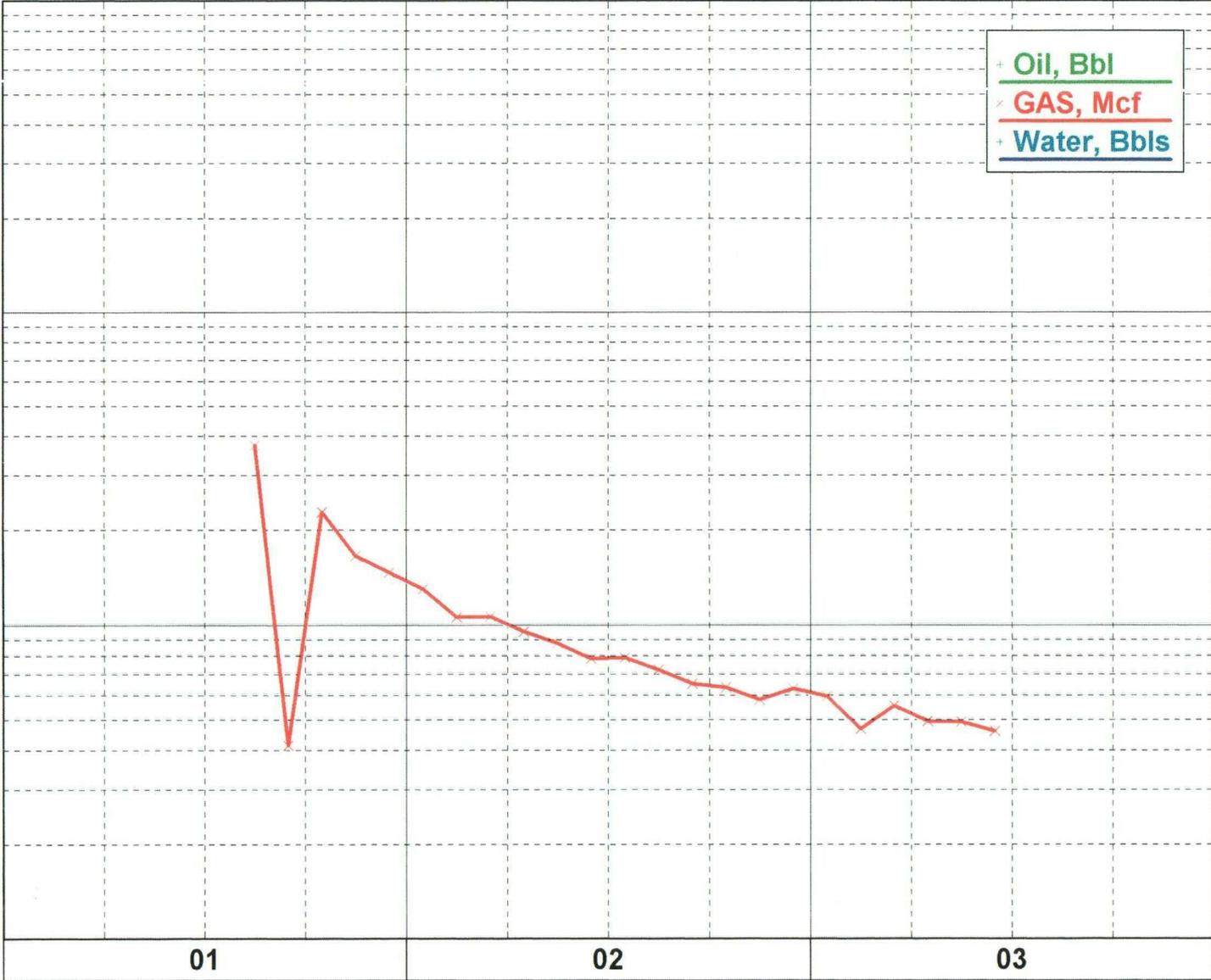
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <u>Cherry Matchus</u> <b>Cherry Matchus</b></p> <p>Printed Name <b>Engineering Technician</b></p> <p>Title</p> <p>Date: <u>8/26/03</u></p>
	<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>
	<p>Certificate Number</p>

ENGWALL RL FEDERAL 4  
 CHAVES COUNTY, NM  
 FOOR RANCH NORTHWEST (PRE FIELD)

10000  
 1000000  
 1000  
 1000  
 100000  
 100  
 100  
 10000  
 10  
 10  
 1000  
 1

+ Oil, Bbl  
 x GAS, Mcf  
 + Water, Bbls



PSD 04/01/1905  
 Phase GAS  
 Type  
 Decline(%)  
 qi  
 Cum(M) 06/2003 225.329  
 Remaining(M)  
 Ultimate(M)  
 OGRF Cum(M)  
 OGRE Ult(M)  
 Segment ???  
 Type  
 Decline(%)  
 qi  
 Limit IMOS  
 Forecast 04/01/1905  
 Decline(%) 0.0  
 q 0  
 q actual  
 Cum(M) 03/1905 0.000  
 Remaining(M) 0.000  
 OGRE Cum(M) 0.000

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-63284</b>		<sup>3</sup> Pool Name <b>Foor Ranch Wolfcamp Northwest</b>	
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>Engwall "RL" Federal</b>		<sup>6</sup> Well Number <b>4</b>
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>		<sup>9</sup> Elevation <b>3856'</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
<b>J</b>	<b>4</b>	<b>9S</b>	<b>26E</b>		<b>1980</b>	<b>South</b>	<b>1650</b>	<b>East</b>	<b>Chaves</b>

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres <b>320</b>	<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

	<b><sup>17</sup> OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>Cherry Matchus</u> <b>Cherry Matchus</b> Printed Name <b>Engineering Technician</b> Title Date: <u>8/26/03</u>
	<b><sup>18</sup> SURVEYOR CERTIFICATION</b> 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. Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number

The Foor Ranch Wolfcamp Northwest is a new zone and production curves are not available

District I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-63284		<sup>3</sup> Pool Name Pecos Slope Abo	
<sup>4</sup> Property Code	<sup>5</sup> Property Name Engwall "RL" Federal		<sup>6</sup> Well Number 4
<sup>7</sup> OGRID No. 025575	<sup>8</sup> Operator Name Yates Petroleum Corporation		<sup>9</sup> Elevation 3856'

<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	4	9S	26E		1980	South	1650	East	Chaves

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 160	<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

				<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <u>Cherry Matchus</u> Cherry Matchus</p> <p>Printed Name Engineering Technician</p> <p>Title</p> <p>Date: <u>8/26/03</u></p>
				<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>
			<p>The diagram shows a well location marked with a dot. A vertical line with an arrow pointing up is labeled '1980''. A horizontal line with an arrow pointing left is labeled '1650''.</p>	<p>Certificate Number</p>

The Pecos Slope Abo is a new zone and production curves are not available.