

DC-0119

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APPRO 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 \_\_\_\_\_

## [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  
 Print or Type Name

*James W. Pringle*  
 Signature

Operations Engineer  
 Title

8-26-03  
 Date

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

**District II**  
811 South First Street, Artesia, NM 88210

**OIL CONSERVATION DIVISION**

## APPLICATION TYPE

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410

2040 South Pacheco  
Santa Fe, New Mexico 87505

X Single Well

**District IV**  
2040 South Pacheco, Santa Fe, NM 87505

## APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE  
X Yes      No

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: X 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/d 0 bopd 0 bwpd	Date: Rates: Est 200 mcf/d 0 bopd 0 bwpd	Date: Rates: 146 mcf/d 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?  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes   X        No         
Yes   X        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 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, looped 'J' and a long, sweeping underline.

James W. Pringle  
Operations Engineer

JWP/Cm

Enclosure

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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,

James W. Pringle  
Operations Engineer

JWP/Cm

Enclosure

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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

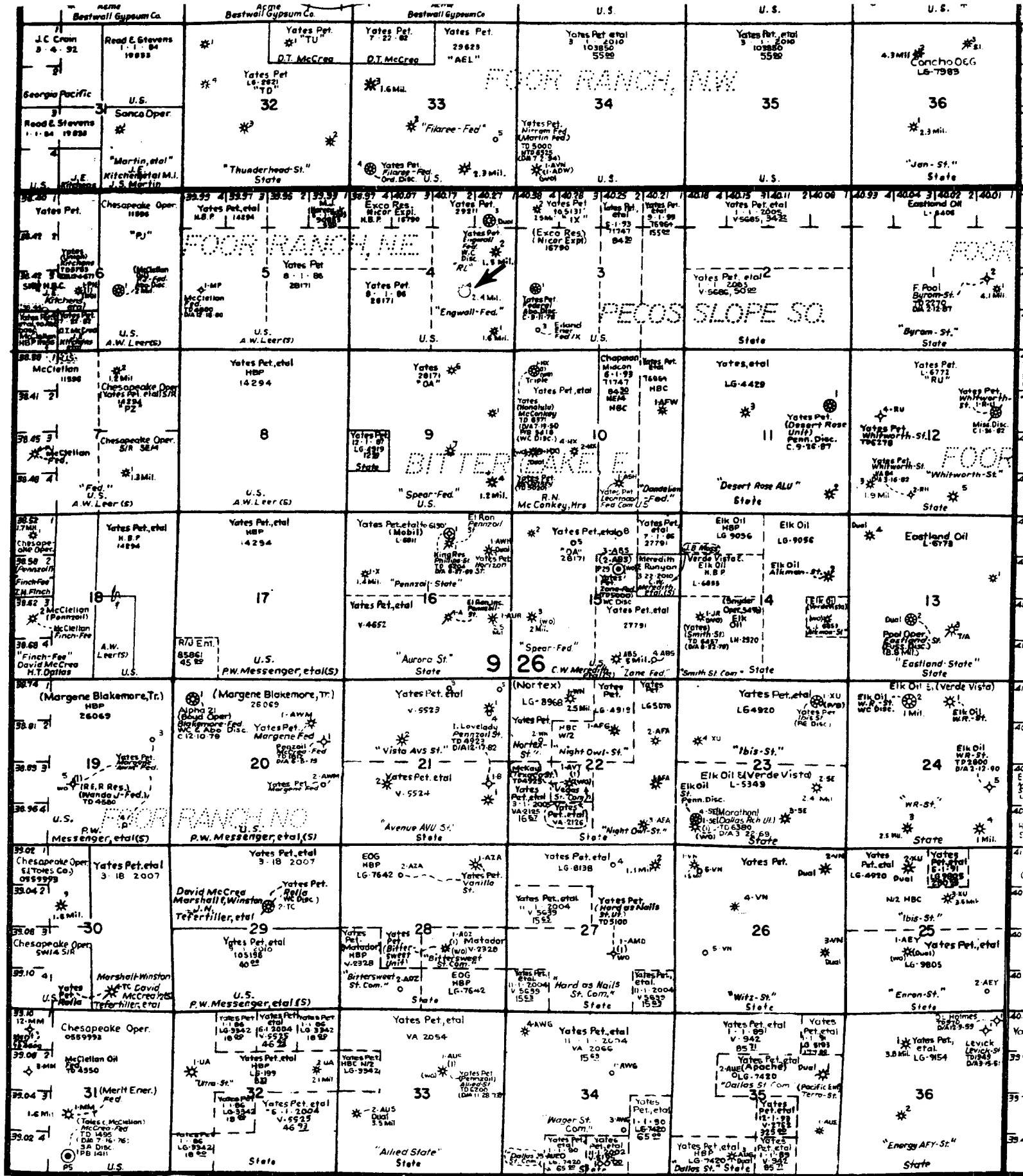
Sincerely,

A handwritten signature in black ink that reads 'James W. Pringle'.

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  
THE LICENSEE WITH THE LICENSE TO USE SAME FOR SUCH  
TIME AS LICENSEE DEEMS FIT ONLY FOR LICENSEE'S PER  
SONAL OR INTERNAL USE BUT ALLOWING ONLY  
LICENSEE'S PHOTOCOPYING OF BLACK AND WHITE PAPER  
COPY PLATS NOT EXCEEDING 11" x 17" IN SIZE BUT IN ANY  
EVENT NO SUCH REPRODUCTION MUST SHOW THE  
EVENT AND 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 AP  
PEARS 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. <b>J</b>	Section <b>4</b>	Township <b>9S</b>	Range <b>26E</b>	Lot Idn	Feet from the <b>1980</b>	North/South line <b>South</b>	Feet from the <b>1650</b>	East/West line <b>East</b>	County <b>Chaves</b>
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<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

				<sup>17</sup> OPERATOR CERTIFICATION 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> <u>Cherry Matchus</u> Printed Name Engineering Technician Title Date: <u>8/26/03</u>
				<sup>18</sup> SURVEYOR 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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

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

10000  
1000000  
1000

1000  
100000  
100

100  
10000  
10

10  
1000  
1

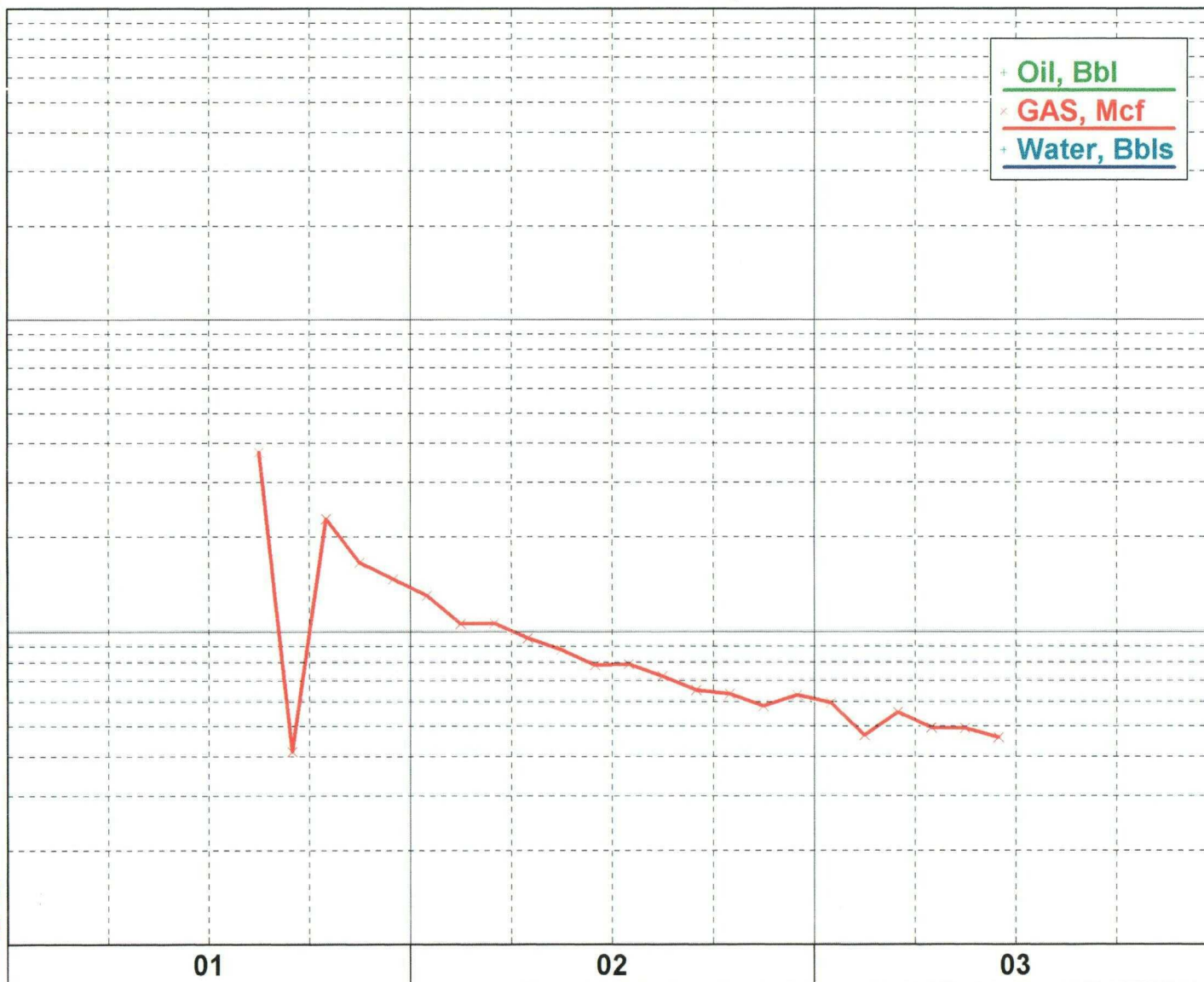
+ Oil, Bbl  
x GAS, Mcf  
+ Water, Bbls

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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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. <b>J</b>	Section <b>4</b>	Township <b>9S</b>	Range <b>26E</b>	Lot Idn	Feet from the <b>1980</b>	North/South line <b>South</b>	Feet from the <b>1650</b>	East/West line <b>East</b>	County <b>Chaves</b>
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<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
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<sup>12</sup> Dedicated Acres <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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				<sup>18</sup> SURVEYOR 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. 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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-63284</b>	<sup>3</sup> Pool Name <b>Pecos Slope Abo</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. <b>J</b>	Section <b>4</b>	Township <b>9S</b>	Range <b>26E</b>	Lot Idn	Feet from the <b>1980</b>	North/South line <b>South</b>	Feet from the <b>1650</b>	East/West line <b>East</b>	County <b>Chaves</b>
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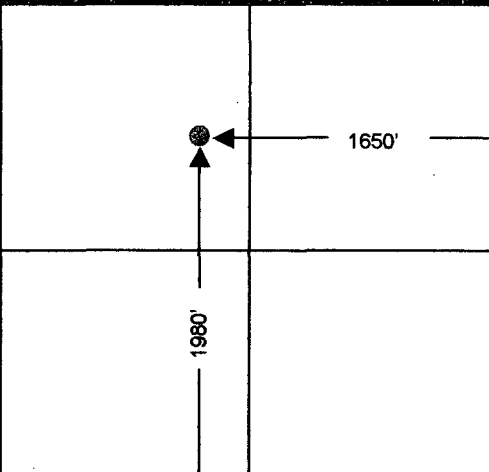
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UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres <b>160</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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				<sup>18</sup> SURVEYOR 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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number



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