

DAC-3590

District I  
1025 N. French Drive, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

District II  
1301 W. Grand Avenue, Artesia, NM 88210

**Oil Conservation Division**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE

District III  
1000 Rio Grande Blvd, Alamosa, NM 87106

Single Well  
Establish Pre-Approved Pools  
EXISTING WELLBORE

District IV  
E. St. Francis Dr., Santa Fe, NM 87505

**APPLICATION FOR DOWNHOLE COMMINGLING**

Yes  No

Yates Petroleum Corporation

105 South Fourth Street, Artesia, NM 88210

Operator: \_\_\_\_\_ Address: \_\_\_\_\_

Case: Tumbledink AVK State Com #1 Unit A - Section 16 - 18S-25E Eddy County

OGRID No. 025575 Property Code 25892 API No. 30-015-31148 Lease Type: Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
	<u>UNDES</u>		
Pool Name	<u>Atoka Upper Penn. West</u>	<u>Undesignated Eagle Creek Strawn</u>	<u>Undesignated Richard Knob Atoka Morrow</u>
Pool Code	<u>70820</u> <del>20800</del>	<u>76320</u>	<u>83840</u>
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	<u>7,822-7,880'</u>	<u>7,896-7,908'</u>	<u>8,370-8,588'</u>
Method of Production (Flowing or Artificial Lift)	<u>Flowing</u>	<u>Flowing</u>	<u>Flowing</u>
Bottomhole Pressure <small>(Note: Pressure data will not be required if the bottom perforation in the lower zone is within 15% of the depth of the top perforation in the upper zone)</small>			
Oil Gravity or Gas BTU <small>(Use API or Gas BTU)</small>			
Producing, Shut-In or New Zone	<u>New Zone</u>	<u>New Zone</u>	
Date and Oil/Gas/Water Rates of Last Production. <small>(Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)</small>	Date: <u>New Zone</u> Rates:	Date: <u>New Zone</u> Rates:	Date: <u>10/10/2005</u> Rates: <u>0 BO, 0 BW &amp; 22 MCFD</u>
Fixed Allocation Percentage <small>(Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)</small>	Oil Gas Allocation % will be submitted when completed	Oil Gas Allocation % will be submitted when completed	Oil Gas Allocation % will be submitted when completed

**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  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 [Signature] TITLE Operations Engineer DATE 11-09-05

TYPE OR PRINT NAME Mike Hill TELEPHONE NO. (505) 748-4219

E-MAIL ADDRESS mhill@ypcnm.com

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - 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.

Print or Type Name \_\_\_\_\_ Signature \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

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

November 10, 2005

David Catanach  
State of New Mexico  
OIL CONSERVATION DIVISION  
1220 South Saint Francis Drive  
Santa Fe, NM 87505

Re: Tumbledink AVK State Com #1

Dear Mr. Catanach,

Yates Petroleum Corporation hereby seeks administrative approval to downhole commingle the production from the Atoka Upper Penn, Undesignated Eagle Creek Strawn and Undesignated Richard Knob Atoka Morrow in our Tumbledink AVK State Com #1 located in Unit A, of Section 16, Township 18 South, Range 25 East, in Eddy County, NM.

If you have any questions or need additional information, please call me at (505) 748-4219.

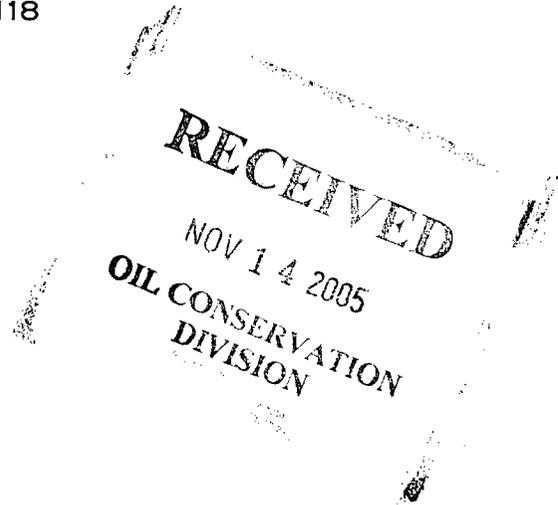
Sincerely,

A handwritten signature in cursive script that reads 'Mike Hill'.

Mike Hill  
Operations Engineer

MH/dc

Enclosures



**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 & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis  
Santa Fe, NM 87505

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OIL CONSERVATION DIVISION

Form C-102  
Revised June 10, 2003  
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 <b>30-015-31148</b>		<sup>2</sup> Pool Code <b>76320</b>	<sup>3</sup> Pool Name <b>Undesignated Eagle Creek Strawn</b>
<sup>4</sup> Property Code <b>25892</b>	<sup>5</sup> Property Name <b>Tumbledink AVK State Com</b>		<sup>6</sup> Well Number <b>#1</b>
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>		<sup>9</sup> Elevation <b>3537</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>A</b>	<b>16</b>	<b>18S</b>	<b>25E</b>		<b>660</b>	<b>North</b>	<b>660</b>	<b>East</b>	<b>Eddy</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.
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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> <b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>
					Signature _____ Debbie Chavez Printed Name Engineering Technician Title and E-mail Address November 9, 2005 Date
					<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> <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

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

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
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Santa Fe, NM 87505

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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-015-31148</b>	<sup>2</sup> Pool Code <b>83840</b>	<sup>3</sup> Pool Name <b>Undesignated Richard Knob Atoka Morrow</b>
<sup>4</sup> Property Code <b>25892</b>	<sup>5</sup> Property Name <b>Tumbledink AVK State Com</b>	
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>	
		<sup>6</sup> Well Number <b>#1</b>
		<sup>9</sup> Elevation <b>3537</b>

<sup>10</sup> Surface Location

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<b>A</b>	<b>16</b>	<b>18S</b>	<b>25E</b>		<b>660</b>	<b>North</b>	<b>660</b>	<b>East</b>	<b>Eddy</b>

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<sup>16</sup>				<sup>17</sup> <b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature  Debbie Chavez Printed Name Engineering Technician Title and E-mail Address November 9, 2005 Date
				<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> <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

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OIL CONSERVATION DIVISION

State of New Mexico  
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-31148		<sup>2</sup> Pool Code 70800		<sup>3</sup> Pool Name Atoka Upper Penn, West	
<sup>4</sup> Property Code 25892		<sup>5</sup> Property Name Tumbledink AVK 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 3537

<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	16	18S	25E		660	North	660	East	Eddy

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

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16					<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p>Signature</p> <p>Debbie Chavez</p> <p>Printed Name</p> <p>Engineering Technician</p> <p>Title and E-mail Address</p> <p>November 9, 2005</p> <p>Date</p>
					<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p><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></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>

The Atoka Upper Penn, West is a new zone and production curves are not available.

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The Undesignated Eagle Creek Strawn is a new zone and production curves are not available.

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LEVEL

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OIL CONSERVATION  
DIVISION

# Rate/Time Graph

Project: \\s3sys\PUBLIC\PowerTools v7.0\Projects\Tumbledink1.MDB  
Lease Name: TUMBLELINK AVK STATE COM (1)  
County, ST: EDDY, NM  
Location: 16A 18S 25E C NE NE

Operator: YATES PETROLEUM CORPORATION  
Field Name: RICHARD KNOB

Date: 11/9/2005  
Time: 9:01 AM

## TUMBLELINK AVK STATE COM - RICHARD KNOB

