

8.30.04 DATE IN	SUSPENSE	ENGINEER Jones	LOGGED IN 8.31.04	TYPE DHC	APP NO. psem0424427319
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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



OCB

Orval BDQ State Com #1

30-015-33174

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 M. Hill

Print or Type Name

Signature

Operations Engineer

Title

8/24/04

Date

e-mail Address

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

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

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

APPLICATION FOR DOWNHOLE COMMINGLING

Yates Petroleum Corporation 105 South Fourth Street
Operator Address
Orval BDQ State Com 1 E 32 20S 23E Eddy
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 025575 Property Code API No. 30-015-33174 Lease Type ☐ Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Wildcat Atoka		Little Box Canyon Morrow
Pool Code			80240
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	8204-8236'		8690-8846'
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)	NA		NA
Oil Gravity or Gas BTU (Degree API or Gas BTU)	NA		NA
Producing, Shut-In or 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.)	Will submit Rates and Allocation Formula upon completion		Date: 8/12/04 296 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 % %	Oil Gas % %	Oil Gas % %

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: _____

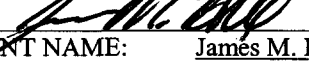
Attachments:
C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation 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  TITLE Operations Engineer DATE : August 24, 2004
TYPE OR PRINT NAME: James M. Hill TELEPHONE NO. (505)-748-4219

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 24, 2004


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 Wildcat Atoka and the Little Box Canyon Morrow in our Orval BDQ State Com No. 1 located in Unit E of Section 32, Township 20 South, Range 23 East, Eddy County.

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

Sincerely,



James M. Hill
Operations Engineer

JMH/cm

Enclosures

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DENNIS G. KINSEY
TREASURER

August 24, 2004

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

Dear Mr. Gum;

Yates Petroleum Corporation hereby seeks administrative approval to downhole commingle the production from the Wildcat Atoka and the Little Box Canyon Morrow in our Orval BDQ State Com No. 1 located in Unit E of Section 32, Township 20 South, Range 23 East, Eddy County.

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

Sincerely,

A handwritten signature in cursive script, appearing to read 'James M. Hill'.

James M. Hill
Operations Engineer

JMH/cm

Enclosures

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RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

August 17, 2004

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 Yates Petroleum Corporation's Orval BDQ State Com No. 1 located in Unit E of Section 32, Township 20 South, Range 23 East, Eddy County.

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

Sincerely,

A handwritten signature in cursive script, appearing to read 'Mike Hill', is written over the typed name and title.

Mike Hill
Operations Engineer

MH/cm

<p>State</p> <p>Yates Pet. et al 92146</p> <p>(Sharbro O.G.)</p> <p>6</p> <p>Yates Pet. et al 93458 2.00</p> <p>(Sharbro O.G.)</p> <p>7</p> <p>D.J. Schutz 12-14-2002</p> <p>Frank Runyan, Jr.</p> <p>Yates Pet. et al 93459 2.00</p> <p>(Sharbro O.G.)</p> <p>18</p> <p>BP Amer 9-1-2004 93460 3.00</p> <p>U.S.</p> <p>19</p> <p>BP Amer 9-1-2004 93460 3.00</p> <p>U.S.</p> <p>30</p> <p>BP Amer 9-1-2004 93460 3.00</p> <p>U.S.</p> <p>31</p> <p>BP Amer 9-1-2004 93461 3.00</p> <p>U.S.</p>	<p>State</p> <p>Yates Pet. et al 92146</p> <p>(Sharbro O.G.)</p> <p>5</p> <p>Yates Pet. et al 93458 2.00</p> <p>U.S.</p> <p>8</p> <p>D.J. Schutz 12-14-2002</p> <p>Frank Runyan, Jr.</p> <p>Yates Pet. et al 93459 2.00</p> <p>(Sharbro O.G.)</p> <p>17</p> <p>Yates Pet. et al 93460 2.00</p> <p>(Sharbro O.G.)</p> <p>20</p> <p>Yates Pet. et al 93461 2.00</p> <p>(Sharbro O.G.)</p> <p>29</p> <p>D. Arrington O.G. 12-1-2005 103504 1.5500</p> <p>U.S.</p> <p>32</p> <p>Yates Pet. et al 9-1-2004 93461 3.00</p> <p>U.S.</p> <p>33</p> <p>Yates Pet. et al 9-1-2004 93461 3.00</p> <p>U.S.</p>	<p>State</p> <p>Yates Pet. et al 92146</p> <p>(Sharbro O.G.)</p> <p>4</p> <p>Yates Pet. et al 93458 2.00</p> <p>U.S.</p> <p>9</p> <p>Arrington O.G. 8-1-2004 20313</p> <p>U.S.</p> <p>16</p> <p>(D. Douglas) 8-1-2004 VA 2018 2 20313</p> <p>U.S.</p> <p>21</p> <p>D. Arrington O.G. 8-1-2004 102892 130.00</p> <p>U.S.</p> <p>28</p> <p>Yates Pet. et al 6-1-2005 94830 6.00</p> <p>U.S.</p> <p>33</p> <p>Allar Co. et al 5-1-2013 110334 130.00</p> <p>U.S.</p>	<p>State</p> <p>Yates Pet. et al 92146</p> <p>(Sharbro O.G.)</p> <p>3</p> <p>Yates Pet. et al 93458 2.00</p> <p>U.S.</p> <p>10</p> <p>Yates Pet. et al 93458 2.00</p> <p>U.S.</p> <p>15</p> <p>Yates Pet. et al 6-1-2005 94829 14.00</p> <p>U.S.</p> <p>22</p> <p>Yates Pet. et al 6-1-2005 94829 14.00</p> <p>U.S.</p> <p>27</p> <p>Yates Pet. et al 6-1-2005 94829 14.00</p> <p>U.S.</p> <p>34</p> <p>Yates Pet. et al 6-1-2005 94829 14.00</p> <p>U.S.</p>	<p>State</p> <p>Yates Pet. et al 92146</p> <p>(Sharbro O.G.)</p> <p>2</p> <p>Yates Pet. et al 93458 2.00</p> <p>U.S.</p> <p>11</p> <p>Yates Pet. et al 93458 2.00</p> <p>U.S.</p> <p>14</p> <p>Yates Pet. et al 6-1-2005 94829 14.00</p> <p>U.S.</p> <p>23</p> <p>Yates Pet. et al 6-1-2005 94829 14.00</p> <p>U.S.</p> <p>26</p> <p>Marathon 6-1-2006 96814 19.00</p> <p>U.S.</p> <p>35</p> <p>The Allar Co. 5-1-2014 111940 110.00</p> <p>U.S.</p>	<p>State</p> <p>Yates Pet. et al 92146</p> <p>(Sharbro O.G.)</p> <p>1</p> <p>Yates Pet. et al 93458 2.00</p> <p>U.S.</p> <p>12</p> <p>Yates Pet. et al 93458 2.00</p> <p>U.S.</p> <p>13</p> <p>Yates Pet. et al 93458 2.00</p> <p>U.S.</p> <p>24</p> <p>Marathon 6-1-2007 98795 65.00</p> <p>U.S.</p> <p>25</p> <p>Marathon 6-1-2006 96814 19.00</p> <p>U.S.</p> <p>36</p> <p>Pogo 5-1-2008 V-5357 65.00</p> <p>U.S.</p>
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District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, 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 DepartmentForm C-102
Revised August 15, 2000OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-33061		³ Pool Name Little Box Canyon Morrow	
⁴ Property Code	⁵ Property Name Orval BDQ State Com		⁶ Well Number 1
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation		⁹ Elevation 4415

¹⁰ Surface Location

UL or lot no. E	Section 32	Township 20S	Range 23E	Lot Idn	Feet from the 2090	North/South line North	Feet from the 1093	East/West line West	County Eddy
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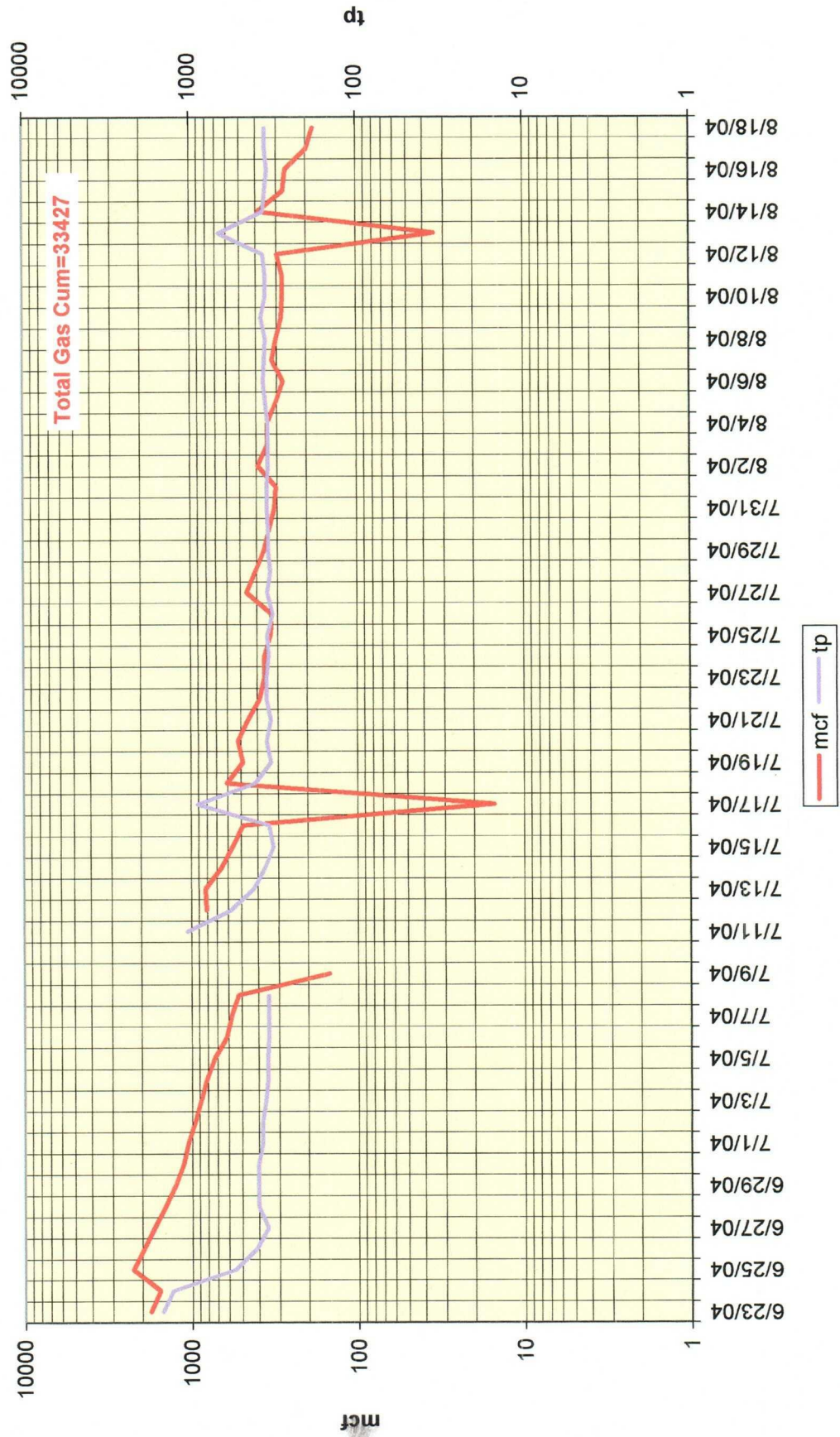
Bottom Hole Location If Different From Surface

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

					¹⁷ 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> Cherry Matchus Printed Name Engineering Technician Title Date: <u>8/24/04</u>
					¹⁸ 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

Orval BDQ State Com #1
Little Box Canyon Morrow
Daily Production



District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, 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

Form C-102
 Revised August 15, 2000

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

☐ AMENDED REPORT

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¹ API Number 30-015-33061		³ Pool Name Wildcat Atoka	
⁴ Property Code	⁵ Property Name Orval BDQ State Com		⁶ Well Number 1
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation		⁹ Elevation 4415

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	32	20S	23E		2090	North	1093	West	Eddy

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

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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 HAS BEEN APPROVED BY THE DIVISION

					¹⁷ 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> Cherry Matchus Printed Name Engineering Technician Title Date: <u>8/24/04</u>
					¹⁸ 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