

DC - orig

DATE IN 9/8/03	SUSPENSE	ENGINEER WVS	LOGGED IN LR	TYPE DHC	APP NO PLR0325127780
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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



RECEIVED

SEP - 2 2003

Oil Conservation Division

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

James M. Hill
Signature

Operations Engineer
Title

8-28-03
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
Operator

105 South Fourth Street
Address

Artesia, New Mexico 88210

Arley Federal Unit

1

K

6

20S

23E

Eddy

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 025575 Property Code _____ API No. 30-015-32684 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Wildcat Upper Penn <i>Gas</i>		Wildcat Atoka <i>Gas</i>
Pool Code			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6960-70' 6482-6500'		7502-7510' 7614-7630'
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		New Zone
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.)	Not yet completed, a fixed percentage allocation formula based on actual production rates will be submitted for approval after testing		Not yet completed, a fixed percentage allocation formula based on actual production rates will be submitted for approval after testing
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 %

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 ☐
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 M. Hill* TITLE Operations Engineer DATE : 8/28/03
TYPE OR PRINT NAME James M. Hill TELEPHONE NO. (505)-748-4129

State	State	State	State	State	State
<p>State</p> <p>Yates Pet. et al 12-1-2006 V-6457 15767</p> <p>31</p>	<p>State</p> <p>Yates Pet. et al 5-1-99 V-202 20 52</p> <p>32</p>	<p>State</p> <p>Concho Res. 1/2 Marathon 2-1-2005 V-5706 112 32</p> <p>33</p>	<p>State</p> <p>Concho Res. 1/2 Marathon 2-1-2005 V-5700 150 21</p> <p>34</p>	<p>State</p> <p>Concho Res. 1/2 Marathon 2-1-2005 V-5708 156 25</p> <p>35</p>	<p>State</p> <p>Concho Res. 1/2 Marathon 2-1-2005 V-5701 160 21</p> <p>36</p>
<p>State</p> <p>Yates Pet. et al 12-1-2003 V-3146 3 22</p> <p>6 Yates Pet. et al 12-1-2003 V-3146 3 22</p> <p>5</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>8</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>9</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>10</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>11</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>12</p>
<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>13</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>14</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>15</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>16</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>17</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>18</p>
<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>19</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>20</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>21</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>22</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>23</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>24</p>
<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>25</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>26</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>27</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>28</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>29</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>30</p>
<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>31</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>32</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>33</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>34</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>35</p>	<p>State</p> <p>Yates Pet. et al 9-1-2004 V-9345 2 22</p> <p>36</p>

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 28, 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 Wildcat Atoka and the Wildcat Upper Perin in our Arley Federal Unit #1, located in Unit K of Section 6, Township 20 South, Range 23 East, Eddy County

If you have any questions or need additional information, please call me at (505) 748-4129

Sincerely,

A handwritten signature in black ink, appearing to read 'J. M. Hill'.

James M. Hill
Operations Engineer

JMH/Cm

Enclosure

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1912 - 1985
FRANK W. YATES
1936 - 1986



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DENNIS G. KINSEY
TREASURER

August 28, 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 Wildcat Atoka and the Wildcat Upper Penn in our Arley Federal Unit #1, located in Unit K of Section 6, Township 20 South, Range 23 East, Eddy County

If you have any questions or need additional information, please call me at (505) 748-4129

Sincerely,

James M. Hill
Operations Engineer

JMH/Cm

Enclosure

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RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

August 28, 2003

Armando Lopez
Bureau of Land Management
2909 2nd Street
Roswell, New Mexico 88201

Dear Mr. Lopez

Yates Petroleum Corporation hereby seeks administrative approval to downhole commingle the production from Wildcat Atoka and the Wildcat Upper Penn in our Arley Federal Unit #1, located in Unit K of Section 6, Township 20 South, Range 23 East, Eddy County

If you have any questions or need additional information, please call me at (505) 748-4129

Sincerely,

James M. Hill
Operations Engineer

JMH/Cm

Enclosure

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

¹ API Number 30-015-32684	³ Pool Name Wildcat Upper Penn	
⁴ Property Code	⁵ Property Name Arley Federal Unit	⁶ Well Number 1
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	⁹ Elevation 4176'

¹⁰ Surface Location

UL or lot no. K	Section 6	Township 20S	Range 23E	Lot Idn	Feet from the 1343	North/South line South	Feet from the 1911	East/West line West	County Eddy
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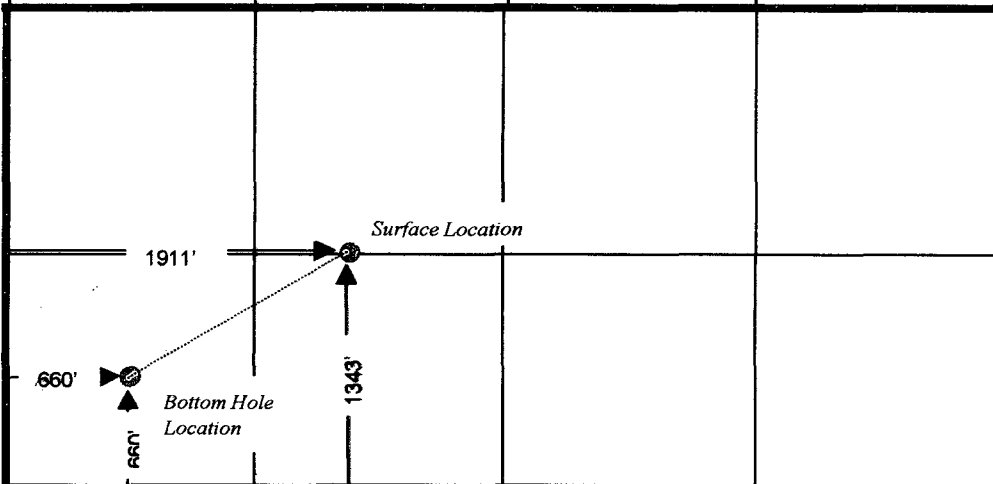
¹¹ Bottom Hole Location If Different From Surface

UL or lot no. Lot 7	Section 6	Township 20S	Range 23E	Lot Idn	Feet from the 660	North/South line South	Feet from the 660	East/West line West	County Eddy
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

				<p>¹⁷ 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></p> <p><u>Cherry Matchus</u></p> <p>Printed Name</p> <p>Engineering Technician</p> <p>Title</p> <p>Date: <u>8/28/03</u></p>
				<p>¹⁸ 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>



The Wildcat Upper Penn 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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OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

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

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1000 Rio Brazos Rd., Aztec, NM 87410

District IV
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-32684	³ Pool Name Wildcat Atoka	
⁴ Property Code	⁵ Property Name Arley Federal Unit	⁶ Well Number 1
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	⁹ Elevation 4176'

¹⁰ Surface Location

UL or lot no. K	Section 6	Township 20S	Range 23E	Lot Idn	Feet from the 1343	North/South line South	Feet from the 1911	East/West line West	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. Lot 7	Section 6	Township 20S	Range 23E	Lot Idn	Feet from the 660	North/South line South	Feet from the 660	East/West line West	County Eddy
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				<p>¹⁷ 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></p> <p><u>Cherry Matchus</u></p> <p>Printed Name</p> <p>Engineering Technician</p> <p>Title</p> <p>Date: <u>8/28/03</u></p>
				<p>¹⁸ 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>

The diagram shows a grid with a 'Surface Location' marked by a circle and a crosshair. A horizontal line segment to the left of the surface location is labeled '1911''. A vertical line segment below the surface location is labeled '1343''. A dashed line connects the surface location to a 'Bottom Hole Location' marked by a circle and a crosshair. The distance from the surface location to the bottom hole location is labeled '660''. The bottom hole location is also labeled '660''.

The Wildcat Atoka is a new zone and production curves are not available.