

District I  
1625 N French Drive Hobbs, NM 88240

District II  
1301 W Grand Avenue, Artesia NM 88210

District III  
1000 Rio Brazos Road Aztec NM 87410

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

State of New Mexico  
Energy, Minerals and Natural Resources Department



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

NOV 09 2007

OCD-ARTESIA

Form C-107A  
Revised June 10, 2003

APPLICATION TYPE

☒ Single Well

☐ Establish Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Yates Petroleum Corporation

105 South Forth Street, Artesia, NM 88210

Operator

Address

Biplane Unit #6

Unit N - Section 16 - 6S-27E

Chaves

Lease

Well No

Unit Letter-Section-Township-Range

County

OGRID No 025575 Property Code 36683 API No 30-005-63979 Lease Type: Federal ☒ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Haystack; Cisco		Haystack; Silurian
Pool Code	78320		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5,698-5,712		6,134-6,262'
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)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1117 BTU		
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.)	Date: New Zone Rates:		Date: New Zone Rates:
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 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 ☐  
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 Margrethe F. Hotter TITLE Operations Engineer DATE 11/8/07

TYPE OR PRINT NAME Margrethe Hotter TELEPHONE NO. (505) 748-4165

E-MAIL ADDRESS mhotter@ypcnm.com

# ATTACHMENT A

## District I

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State

Energy, Minerals & Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

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>30-005-63979</b>	<sup>2</sup> Pool Code <b>78320</b>	<sup>3</sup> Pool Name <b>Haystack; Cisco</b>
<sup>4</sup> Property Code <b>36683</b>	<sup>5</sup> Property Name <b>Biplane Unit</b>	<sup>6</sup> Well Number <b>#6</b>
<sup>7</sup> OGRID No <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>	<sup>9</sup> Elevation <b>3,981</b>

## <sup>10</sup> Surface Location

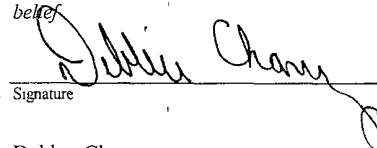
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>N</b>	<b>16</b>	<b>6S</b>	<b>27E</b>		<b>990'</b>	<b>South</b>	<b>1980'</b>	<b>West</b>	<b>Chaves</b>

## <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

				<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 8, 2007 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> Refer to Original Plat Date of Survey Signature and Seal of Professional Surveyor
				Certificate Number

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Santa Fe, NM 87505

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>30-005-63979</b>		<sup>2</sup> Pool Code	<sup>3</sup> Pool Name <b>Haystack; Silurian</b>
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<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>		<sup>9</sup> Elevation <b>3,981</b>

<sup>10</sup> Surface Location

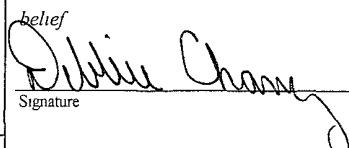
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## ATTACHMENT B

The Haystack; Cisco (Gas) is a new zone and production curves are not available.

The Haystack; Silurian is a new zone and production curves are not available.

We need to complete both zones to make an economic well.

## ATTACHMENT C

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 EMERITUS

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CHAIRMAN OF THE BOARD

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EXECUTIVE VICE PRESIDENT

JOHN A YATES, JR  
SENIOR VICE PRESIDENT

NOV 09 2007  
OCD-ARTESIA

November 8, 2007

Tim Gum  
OIL CONSERVATION DIVISION  
1301 West Grand  
Artesia, NM 88210  
Re: Biplane Unit #6

Dear Mr. Gum:

Enclosed please find a copy of form C-107A (Application for Downhole Commingling) on Yates Petroleum Corporation Biplane Unit #6 of 16-6S-27E, Chaves County, New Mexico.

If you have any questions or need additional information, please call me at (505) 748-4361.

Sincerely,

Debbie Chavez  
Engineering Technician

Enclosure(s)