

District I  
1625 N. French Dr., 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

Form C-101  
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Yates Petroleum Corporation 105 S. 4 <sup>th</sup> Street Artesia, NM 88210		<sup>2</sup> OGRID Number 025575
		<sup>3</sup> API Number 30-005-20566
<sup>5</sup> Property Code 31014	<sup>9</sup> Property Name Chavelea BBL State Com	<sup>6</sup> Well No. 1
<sup>9</sup> Proposed Pool 1 Wildcat Wolfcamp		<sup>10</sup> Proposed Pool 2 Wildcat Abo

**7 Surface Location**

UL or lot no. F	Section 10	Township 9S	Range 31E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 1980	East/West line West	County Chaves
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**8 Proposed 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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**Additional Well Information**

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary N/A	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 4298' GR
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth N/A	<sup>18</sup> Formation Mississippian	<sup>19</sup> Contractor N/A	<sup>20</sup> Spud Date ASAP
Depth to Groundwater >100'		Distance from nearest fresh water well >1000'		Distance from nearest surface water >1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Yates Petroleum Corporation plans to plugback and recomplete this well as follows: Set a CIBP at 10,000' with 35' cement on top and perforate Wolfcamp 8642'-8648' (13) and 8662'-8668' (13). Stimulate as needed. If Wolfcamp is not productive, set a CIBP at 8630' with 35' cement on top. Perforate Wolfcamp 8414'-8418' (9). Stimulate as needed. If this Wolfcamp is not productive, set a CIBP at 8400' with 35' cement on top. Perforate Abo 7868'-7882' (29), 7886'-7899' (27), 7914'-7922' (17) and 7992'-7998' (13). Stimulate as needed.

**Permit Expires 1 Year From Approval  
Date Unless Drilling Underway**

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Signature: *Tina Huerta*

Printed name: Tina Huerta

Title: Regulatory Compliance Supervisor

E-mail Address: tina@ypcnm.com

Date: January 23, 2006

Phone: 505-748-4168

**OIL CONSERVATION DIVISION**

Approved by:

Title:

Approval Date:

PETROLEUM ENGINEER

JAN 31 2006  
Conditions of Approval Attached ☐

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State of New Mexico  
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>30-005-20566</b>		<sup>2</sup> Pool Code	<sup>3</sup> Pool Name <b>Wildcat Wolfcamp</b>
<sup>4</sup> Property Code <b>31014</b>	<sup>5</sup> Property Name <b>Chavelea BBL 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>4298'GR</b>

<sup>10</sup> Surface Location

UL or lot no. <b>F</b>	Section <b>10</b>	Township <b>9S</b>	Range <b>31E</b>	Lot Idn	Feet from the <b>1980</b>	North/South line <b>North</b>	Feet from the <b>1980</b>	East/West line <b>West</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>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 Tina Huerta Printed Name Regulatory Compliance Supervisor Title and E-mail Address Tina Huerta 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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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-005-20566</b>		<sup>2</sup> Pool Code	<sup>3</sup> Pool Name <b>Wildcat Abo</b>
<sup>4</sup> Property Code <b>31014</b>	<sup>5</sup> Property Name <b>Chavelea BBL 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>4298'GR</b>

<sup>10</sup> Surface Location									
UL or lot no. <b>F</b>	Section <b>10</b>	Township <b>9S</b>	Range <b>31E</b>	Lot Idn	Feet from the <b>1980</b>	North/South line <b>North</b>	Feet from the <b>1980</b>	East/West line <b>West</b>	County <b>Chaves</b>

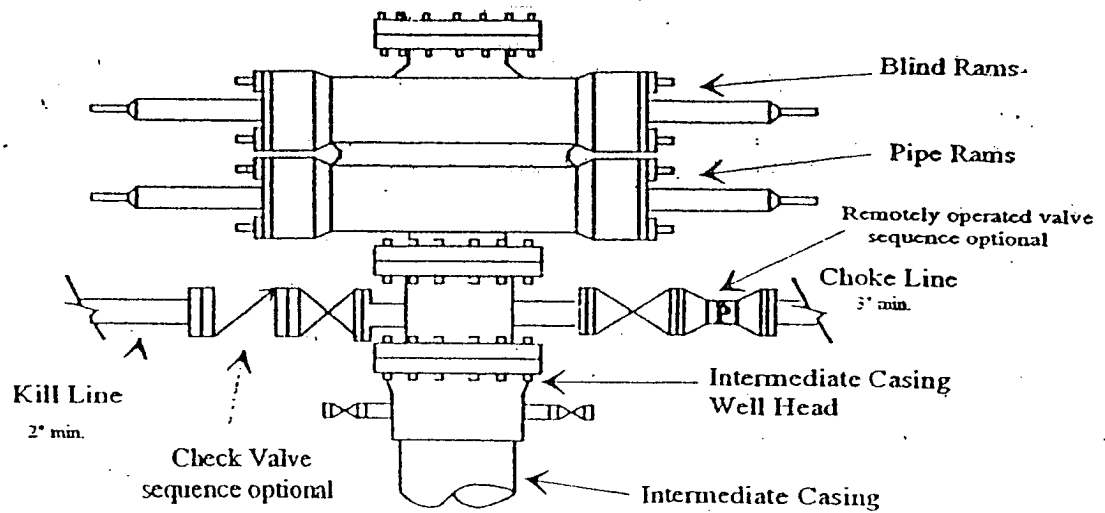
<sup>11</sup> Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres <b>160</b>		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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

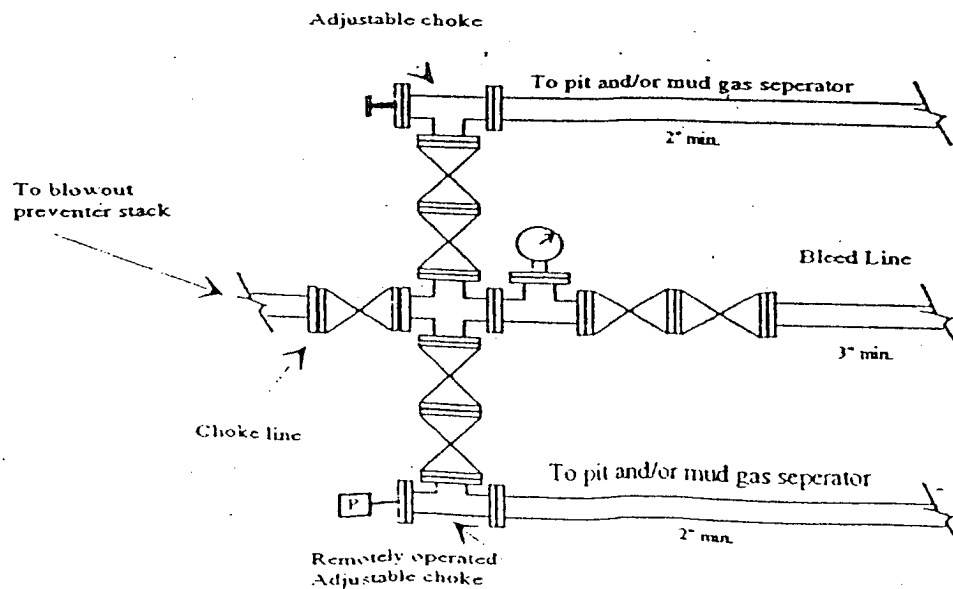
<sup>16</sup> 	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Tina Huerta Printed Name Regulatory Compliance Supervisor Title and E-mail Address Tina Huerta Date			
	<sup>18</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			

# Yates Petroleum Corporation

## Typical 3,000 psi Pressure System Schematic



Typical 3,000 psi choke manifold assembly with at least these minimum features



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  
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PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

January 23, 2006

Mr. Bryan Arrant  
Oil Conservation Division, District II Office  
1301 W. Grand Ave.  
Artesia, NM 88210

4  
JAN 2006  
Roco  
Hobbs  
OCD

Re: Chavelea BBL State Com #1  
Section 10-T9S-R31E  
Chaves County, New Mexico  
H2S Contingency Plan

Sources at Yates Petroleum Corporation have relayed information to me that they believe there will not be enough H2S anticipated from the surface to the Wolfcamp formation to even meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.

Thank you,

YATES PETROLEUM CORPORATION

Tina Huerta  
Regulatory Compliance Supervisor