

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised March 17, 1999  
Instructions on back  
Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

DISTRICT II  
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

PO BOX 2088  
Santa Fe, NM 87504-2088

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87501

☐ 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 South Fourth Street Artesia, New Mexico 88210		<sup>2</sup> OGRID Number 025575
		<sup>3</sup> API Number 30-005-20566
<sup>4</sup> Property Code 31014	<sup>5</sup> Property Name Chavelea "BBL" State Com.	<sup>6</sup> Well No. 1

<sup>7</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
F	10	9S	31E		1980	North	1980	West	Chaves

<sup>8</sup> 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
<sup>9</sup> Proposed Pool 1 Carson Morrow					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code E	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 4297.6
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 10486'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor Not Determined	<sup>20</sup> Spud Date ASAP 1-7-03

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	362'-in place	500 sx	Surface
11"	8 5/8"	24# & 32#	3240'-in place	1300 sx	Surface
7 7/8"	5 1/2"	17#	10608'-in place	3900 sx	Surface

<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 productivity. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Yate's plan is to re-enter the well w/ a pulling unit & reverse unit to drill out the cement plugs in the 5 1/2" casing down to the top of the 2 3/8" tubing which was cut @ 9,800'. The tubing will be cleaned out down to a packer that was set @ 9,850' then the packer will be cut out, then the well will be attempted to be completed in several intervals in the Morrow. The mud that will be used is 9.2 - 9.5 ppg brine water w/ a 55-70 cp viscosity. A 5000# BOPE will be used on the 5 1/2" casing. The well will be completed w/ a pulling unit & the well will have completions attempted in the Morrow f/ 10,034'-10,376' & 10,456'-10,486'.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of

my knowledge and belief.

Signature:

*Clifton R. May*

Printed name:

Clifton R. May

Title:

Regulatory Agent

Date:

12/12/02

Phone:

(505) 748-1471

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY:

Title:

PAUL J. KAUFZ

Approval Date:

JAN 03 2003

Expiration Date:

01/03/2004

Conditions of Approval

Attached ☐

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Re-entry

*Spud witnessed 1-7-03  
Billy Richardson*

**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

<sup>1</sup> API Number <b>30-005-20566</b>		<sup>2</sup> Pool Code <b>74260</b>	<sup>3</sup> Pool Name <b>Carson Morrow</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>4297.6'</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
F	10	9S	31E		1980	North	1980	West	Chaves

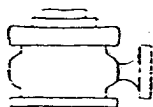
<sup>11</sup> Bottom Hole Location If Different From Surface

Bottom Hole Location if Different From Surface									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres <b>320 W/2</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

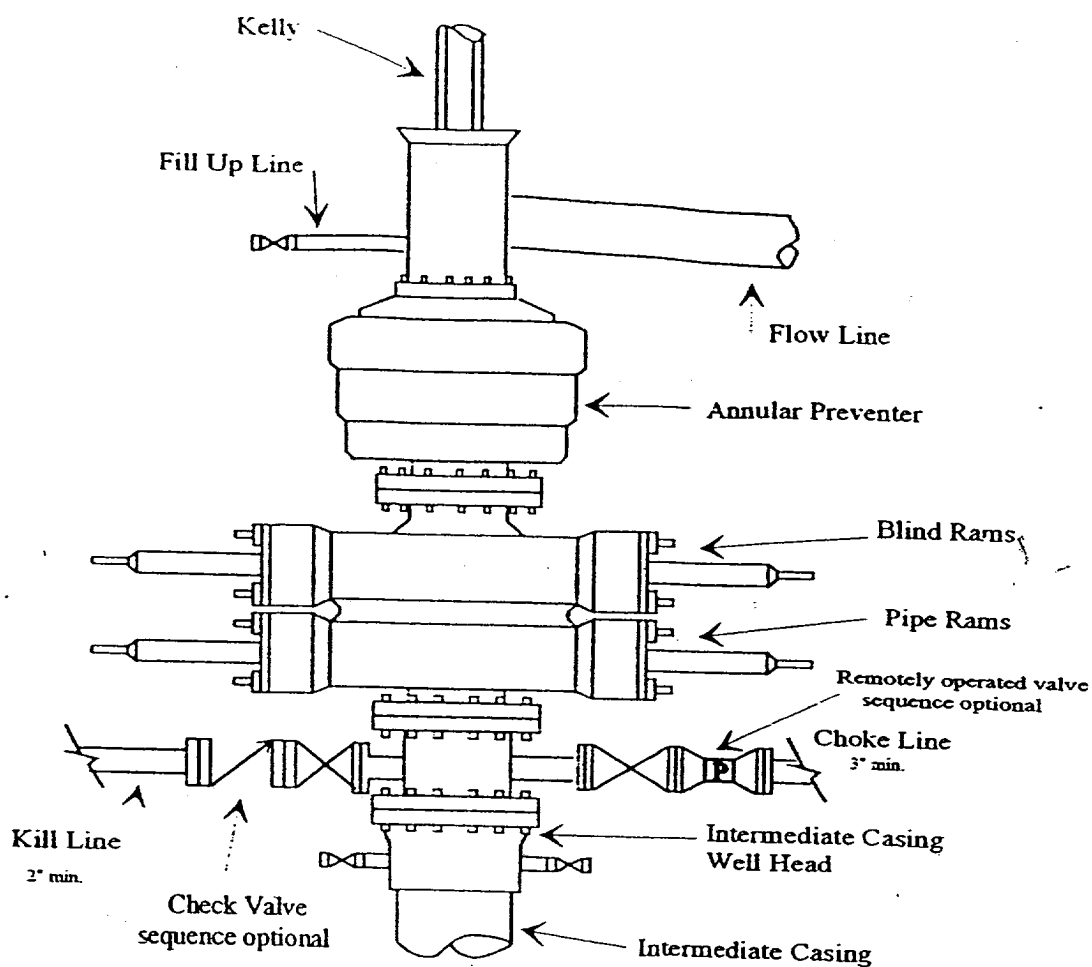
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION	
<div style="border: 2px solid black; width: 100%; height: 100%; position: relative;"> <div style="position: absolute; top: 10%; left: 10%; font-size: 24px; font-weight: bold;">VA-2646</div> <div style="position: absolute; top: 10%; right: 10%; transform: rotate(90deg); font-size: 18px; font-weight: bold;">1980'</div> <div style="position: absolute; bottom: 10%; left: 10%; font-size: 18px; font-weight: bold;">1980'</div> <div style="position: absolute; top: 40%; left: 40%; width: 20px; height: 20px; border: 1px solid black; border-radius: 50%;"></div> </div>	<div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <b>17 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> </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <div style="font-family: cursive; font-size: 24px; display: inline-block;">Clifton R. May</div> </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <small>Signature</small> </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <b>Clifton R. May</b>  <small>Printed Name</small> </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <b>Regulatory Agent</b>  <small>Title</small> </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <b>12/12/2002</b>  <small>Date</small> </div>
<div style="border: 2px solid black; width: 100%; height: 100%; position: relative;"> <div style="position: absolute; top: 10%; left: 10%; font-size: 24px; font-weight: bold;">VA-2637</div> </div>	<div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <b>18 SURVEYOR CERTIFICATION</b>  <i>I hereby certify that the well location shown on this plan 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> </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <b>REFER TO ORIGINAL PLAT</b> </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <small>Date of Survey</small> </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <small>Signature and Seal of Professional Surveyor:</small> </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <small>Certificate Number</small> </div>



# Yates Petroleum Corporation

BOP-4

## Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimum features

