

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 South Forth Street Artesia, NM 88210		<sup>2</sup> OGRID Number 25575
<sup>3</sup> Property Code 33254	<sup>3</sup> Property Name Reba State Unit	<sup>4</sup> API Number 30-025-38356
<sup>9</sup> Proposed Pool 1 Four Lakes; Mississippian		<sup>10</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	11S	35E		660	South	990	West	Lea

**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

**Additional Well Information**

<sup>11</sup> Work Type Code New Well	<sup>12</sup> Well Type Code Gas	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code State	<sup>15</sup> Ground Level Elevation 4160
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 12755	<sup>18</sup> Formation Mississippian	<sup>19</sup> Contractor	<sup>20</sup> Spud Date ASAP
Depth to Groundwater Less than 50'		Distance from nearest fresh water well More than 1000'		
Distance from nearest surface water More than 1000'				
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 24,000 bbls Drilling Method: <input checked="" type="checkbox"/> Fresh Water <input checked="" 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
17.5	13.375	48	400	400	0
12.25	9.625	40	4350	1500	0
8.75	5.5	17	12755	1650	3850

22 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 proposes to drill/test the Mississippian/intermediate formations. Approximately 400' of surface casing will be set/cement circulated. Intermediate casing will be set at 4350', cement circulated to surface. If commercial, production casing will be run/cemented; will perforate/stimulate as needed for production. MUD PROGRAM: 0-400' FWGel/Spud Mud; 400'-2170' FW; 2170'-4350' Red Bed Mud/Oil; 4350'-7800' Cut Brine; 7800'-11655' Salt Gel/Oil; Starch; 11655'-TD Sgel/Starch 4-6%KCL. BOPE Program: A 5000# BOPE will be placed on the 9.625" Casing and tested daily for operational. Sources at Yates Petroleum Corporation have relayed information to me that they believe there will not be sufficient H2S anticipated from the surface to the Mississippian formation for the submission of a contingency plan per Rule 118.

23 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 NMOC guidelines ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Printed name: Clifton R. May

Title: Regulatory Agent

E-mail Address: cliff@ypcnm.com

Date: 3/02/2007

Phone: (505) 748-4347

**OIL CONSERVATION DIVISION**

Approved by:

*Chris Williams*

Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER

Approval Date: MAR 19 2007

Expiration Date:

Conditions of Approval Attached ☐

PREVIOUSLY APPROVED

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

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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 October 12, 2005  
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>30-025-38356</b>		<sup>2</sup> Pool Code <b>97053</b>		<sup>3</sup> Pool Name <b>Four Lakes; Mississippian (Gas)</b>	
<sup>4</sup> Property Code <b>33254</b>		<sup>5</sup> Property Name <b>Reba State Unit</b>			<sup>6</sup> Well Number <b>4</b>
<sup>7</sup> OGRID No. <b>025575</b>		<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>			<sup>9</sup> Elevation <b>4160</b>

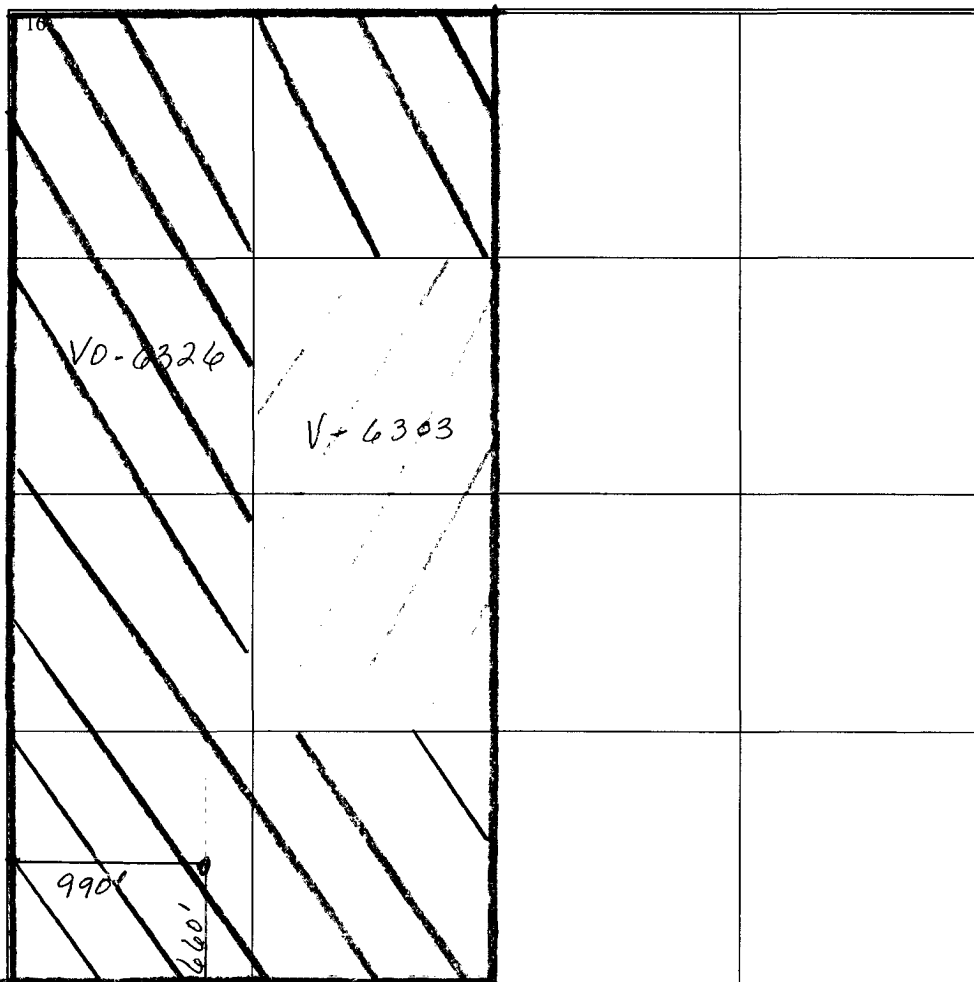
<sup>10</sup> **Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	11 S	35 E		660	South	990	West	Lea

<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 W/2</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, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <div style="text-align: right;">2/07/2007</div> <div>Signature: <i>Clifton May</i> Date: _____</div> <div>Clifton May, Regulatory Agent Printed Name</div>
	<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:  <b>REFER TO ORIGINAL PLAT</b>  Certificate Number

## DISTRICT I

1020 N. French Dr., Hobbs, NM 88240

STATE OF NEW MEXICO

Energy, Minerals and Natural Resources Department

Revised March 17, 1999

Instruction on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## DISTRICT II

911 South First, Artesia, NM 88210

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name Four Lakes; Mississippian (Gas)
Property Code	Property Name REBA STATE UNIT	Well Number 4
OGSD No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 4160

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	11S	35E		660	SOUTH	990	WEST	LEA

## 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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320 W/2			

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

	<b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Clifton R. May Printed Name Regulatory Agent Title March 14, 2005 Date	
	<b>SURVEYOR CERTIFICATION</b> 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. 3/14/2005 Date Surveyed Signature & Seal of Professional Surveyor  Certificate No. Herschel L. Jones 3640 GENERAL SURVEYING COMPANY PROFESSIONAL	

0 330' 660' 990' 1650' 1980' 2310' 2640' 2970' 3300' 0'