

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 -025-37086
<sup>4</sup> Property Code 34808	<sup>5</sup> Property Name Indigo BHC State Com	<sup>6</sup> Well No. 4
<sup>9</sup> Proposed Pool 1 Four Lakes <del>Wildcat</del> Morrow		<sup>10</sup> Proposed Pool 2 Ranger Lake <del>Wildcat</del> Atoka North

<sup>7</sup> Surface Location

UL or lot no. D	Section 5	Township 12S	Range 35E	Lot Idn D	Feet from the 660	North/South line North	Feet from the 660	East/West line West	County Lea
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<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
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Additional Well Information

<sup>11</sup> Work Type Code A	<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 4162'
<sup>16</sup> Multiple Y	<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 <50'		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"/>				

<sup>21</sup> 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.

Propose to perforate as follows:

Set composite bridge plug @ 12300'. Perforate Morrow 12232-36' (24), 6 SPF, 60° phasing and stimulate. Set composite bridge plug @ 12200'. Perforate Atoka 12036-44' (48) and 12046-49' (18) and stimulate. Set composite bridge plug @ 12000'. Perforate Atoka 11893-930' and stimulate. Drill out plugs and downhole commingle per DHC-3438.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Adding

<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 NMOC guidelines <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Signature: <i>Stormi Davis</i>		Approved by: <i>[Signature]</i>	
Printed name: Stormi Davis		Title: PETROLEUM ENGINEER	
Title: Regulatory Compliance Technician		Approval Date: SEP 22 2005	
E-mail Address: stormid@ypcnm.com		Expiration Date:	
Date: 9-20-05	Phone: 505-748-1471	Conditions of Approval: DHC-3438 for Mississippian & Atoka perms only.	

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## State of New Mexico

Energy, Minerals &amp; 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>30-025-37086</b>	<sup>2</sup> Pool Code <b>92082</b>	<sup>3</sup> Pool Name <b>Four Lakes Wildcat Morrow</b>
<sup>4</sup> Property Code <b>34808</b>	<sup>5</sup> Property Name <b>Indigo BHC State Com</b>	
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>	
		<sup>6</sup> Well Number <b>4</b>
		<sup>9</sup> Elevation <b>4162' GR</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>D</b>	<b>5</b>	<b>12S</b>	<b>35E</b>	<b>D</b>	<b>660</b>	<b>North</b>	<b>660</b>	<b>West</b>	<b>Lea</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>319.96</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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Stormi Davis Printed Name Regulatory Compliance Technician Title and E-mail Address stormid@ypcnm.com Date 9-20-05
				<sup>18</sup> <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. 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>30-025-37086</b>	<sup>2</sup> Pool Code <b>97349</b>	<sup>3</sup> Pool Name <b>Ranger Lake</b> <del>Wildcat Atoka</del>
<sup>4</sup> Property Code <b>34808</b>	<sup>5</sup> Property Name <b>Indigo BHC State Com</b>	<sup>6</sup> Well Number <b>North 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>4162' GR</b>

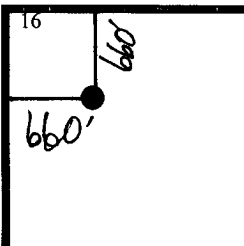
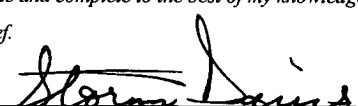
<sup>10</sup> Surface Location

UL or lot no. <b>D</b>	Section <b>5</b>	Township <b>12S</b>	Range <b>35E</b>	Lot Idn <b>D</b>	Feet from the <b>660</b>	North/South line <b>North</b>	Feet from the <b>660</b>	East/West line <b>West</b>	County <b>Lea</b>
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<sup>11</sup> Bottom Hole Location If Different From Surface

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				<sup>18</sup> SURVEYOR CERTIFICATION <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