

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, 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

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

Form C-101  
Revised March 17, 1999

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address <b>Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210</b>		<sup>2</sup> OGRID Number <b>025575</b>
		<sup>3</sup> API Number <b>30-005-62636</b>
<sup>4</sup> Property Code <b>012626</b>	<sup>5</sup> Property Name <b>Pathfinder AFT State</b>	<sup>6</sup> Well No. <b>#3</b>

<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
<b>K</b>	<b>21</b>	<b>10S</b>	<b>27E</b>		<b>1650</b>	<b>South</b>	<b>2310</b>	<b>West</b>	<b>Chaves</b>

<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

**Undes. Diablo Pennsylvanian Gas**

<sup>10</sup> Proposed Pool 2

<sup>11</sup> Work Type Code <b>P</b>	<sup>12</sup> Well Type Code <b>G</b>	<sup>13</sup> Cable/Rotary <b>N/A</b>	<sup>14</sup> Lease Type Code <b>S</b>	<sup>15</sup> Ground Level Elevation <b>3840'</b>
<sup>16</sup> Multiple <b>N</b>	<sup>17</sup> Proposed Depth <b>PBTD 6240'</b>	<sup>18</sup> Formation <b>Strawn</b>	<sup>19</sup> Contractor <b>Not Determined</b>	<sup>20</sup> Spud Date <b>ASAP</b>

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>12-1/4"</b>	<b>8-5/8"</b>	<b>24#</b>	<b>622'</b>	<b>In place</b>	<b>surface</b>
<b>7-7/8"</b>	<b>5-1/2"</b>	<b>15.5#</b>	<b>6650'</b>	<b>In place</b>	<b>5142' CBL</b>

<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 plug back as follows:

Set CIBP at 6240' capped with 10' cement.

Perforate Strawn 6196-6234'. Stimulate as needed for production.

If Strawn is not productive:

Dump ~~35'~~ additional cement on CIBP at 6240'. Set CIBP at 6190' capped with 20' cement.

Perforate Cisco 6044-6157'. Stimulate as needed for production.

NSG-4748

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

Signature: *Susan Herpin*

Printed name: **Susan Herpin**

Title: **Engineering Technician**

Date:  
**May 7, 2002**

Phone:  
**505-748-1471**

<i>[Signature]</i> OIL CONSERVATION DIVISION	
Approved by:	<b>ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR</b>
Title:	
Approval Date:	<b>JUN 12 2002</b>
Expiration Date:	<b>JUN 12 2003</b>
Conditions of Approval:	
Attached <input type="checkbox"/>	

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State of New Mexico  
Energy, Minerals & Natural Resources DepartmentOIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505Form C-102  
Revised August 15, 2000Submit 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>30-005-62636</b>	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name <b>Undes. Diablo Pennsylvanian Gas</b>
<sup>4</sup> Property Code <b>012626</b>	<sup>5</sup> Property Name <b>Pathfinder AFT State</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>#3</b>
		<sup>9</sup> Elevation <b>3840'</b>

<sup>10</sup> Surface Location

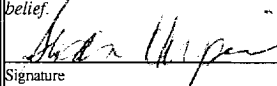
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>K</b>	<b>21</b>	<b>10S</b>	<b>27E</b>		<b>1650</b>	<b>South</b>	<b>2310</b>	<b>West</b>	<b>Chaves</b>

<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.
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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

<sup>16</sup>				<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature <b>Susan Herpin</b> Printed Name <b>Engineering Technician</b> Title May 7, 2002 Date
<sup>18</sup> SURVEYOR CERTIFICATION 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: <b>See Original Plat</b> Certificate Number				

