

District I  
1625 N. French  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis  
HOBBS

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
June 16, 2008

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**

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 - 025-39294
<sup>3</sup> Property Code 33253	<sup>5</sup> Property Name Wilhe State Unit	<sup>6</sup> Well No. 5
<sup>9</sup> Proposed Pool 1 Four Lakes; Mississippian (Gas)		<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
A	36	11S	34E		990'	North	990'	East	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
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**Additional Well Information**

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 4139'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 12,500'	<sup>18</sup> Formation Mississippian	<sup>19</sup> Contractor Not Determined	<sup>20</sup> Spud Date ASAP

**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 sx	0
12.25	9.625	40#	4250'	1550 sx	0
8.75	5.5	17#	12500	2800 sx	3750
Permit Expires 2 Years From Approval Date Unless Drilling Underway					

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the date 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 and test the Mississippian/intermediate formations. Approximately 400' of surface casing will be set and cement circulated. Intermediate casing will be set at 4250', cement circulated to surface. If commercial, production casing will be ran can cemented, perforated and stimulated as need to gain production.

**MUD PROGRAM:** 0-400' FW/Spud Mud; 400'-2150' FW; 2150'-4250' Red Bed Mud/Oil; 4250'-7600' Cut Brine; 7600'-11540' S Gel/Starch; 11540'-12500' S Gel/Starch/ 4-6%KCL

**BOPE PROGRAM:** a 5000# BOPE will be installed on the 9.625" casing and tested daily for operational..

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

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

Signature:

*Debbie L. Caffall*

Printed name.

Debbie L. Caffall

Title.

Regulatory Agent

E-mail Address:

debbiec@yatespetroleum.com

Date

December 4, 2008

Phone

(575) 748-4376

OIL CONSERVATION DIVISION

Approved by

*[Signature]*

Title:

PETROLEUM ENGINEER

Approval Date

DEC 09 2008

Expiration Date:

Conditions of Approval Attached ☐

Previously Approved

C-102 attached

C-144 attached

District I  
1625 N. French Dr., Hobbs, NM 88240  
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1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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>39291</b> <b>30-025-38007</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>33253</b>	<sup>5</sup> Property Name <b>Willie State Unit</b>		<sup>6</sup> Well Number <b>5</b>
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>		<sup>9</sup> Elevation <b>4167</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
A	36	11 S	34 E		990	North	990	East	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 E/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.

<sup>16</sup>									
<div><div><div>990'</div><div>990'</div><div>VO-5456</div></div></div>									<div><div><b><sup>17</sup> OPERATOR CERTIFICATION</b></div><div><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><div><div><i>Clifton R. May</i></div><div>8/13/2007</div></div><div>Signature Date</div><div>Clifton R. May, Regulatory Agent</div><div>Printed Name</div></div>
									<div><div><b><sup>18</sup> SURVEYOR CERTIFICATION</b></div><div><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></div><div>Date of Survey</div><div>Signature and Seal of Professional Surveyor</div><div><b>REFER TO ORIGINAL PLAT</b></div><div>Certificate Number</div></div>

**DISTRICT II**

811 South First, Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Artec, NM 87410

**DISTRICT IV**

2040 South Pacheco, Santa Fe, NM 87506

**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code	Pool Name <i>WILDCAT MISSISSIPPIAN</i>
Property Code	Property Name <i>WILLIE STATE UNIT</i>	Well Number <i>5</i>
OGED No. <i>026575</i>	Operator Name <i>YATES PETROLEUM CORPORATION</i>	Elevation <i>4144</i>

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<i>A</i>	<i>36</i>	<i>11S</i>	<i>34E</i>		<i>990</i>	<i>NORTH</i>	<i>990</i>	<i>EAST</i>	<i>LEA</i>

**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 <i>320 E/2</i>	Joint or Infill	Consolidation Code	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

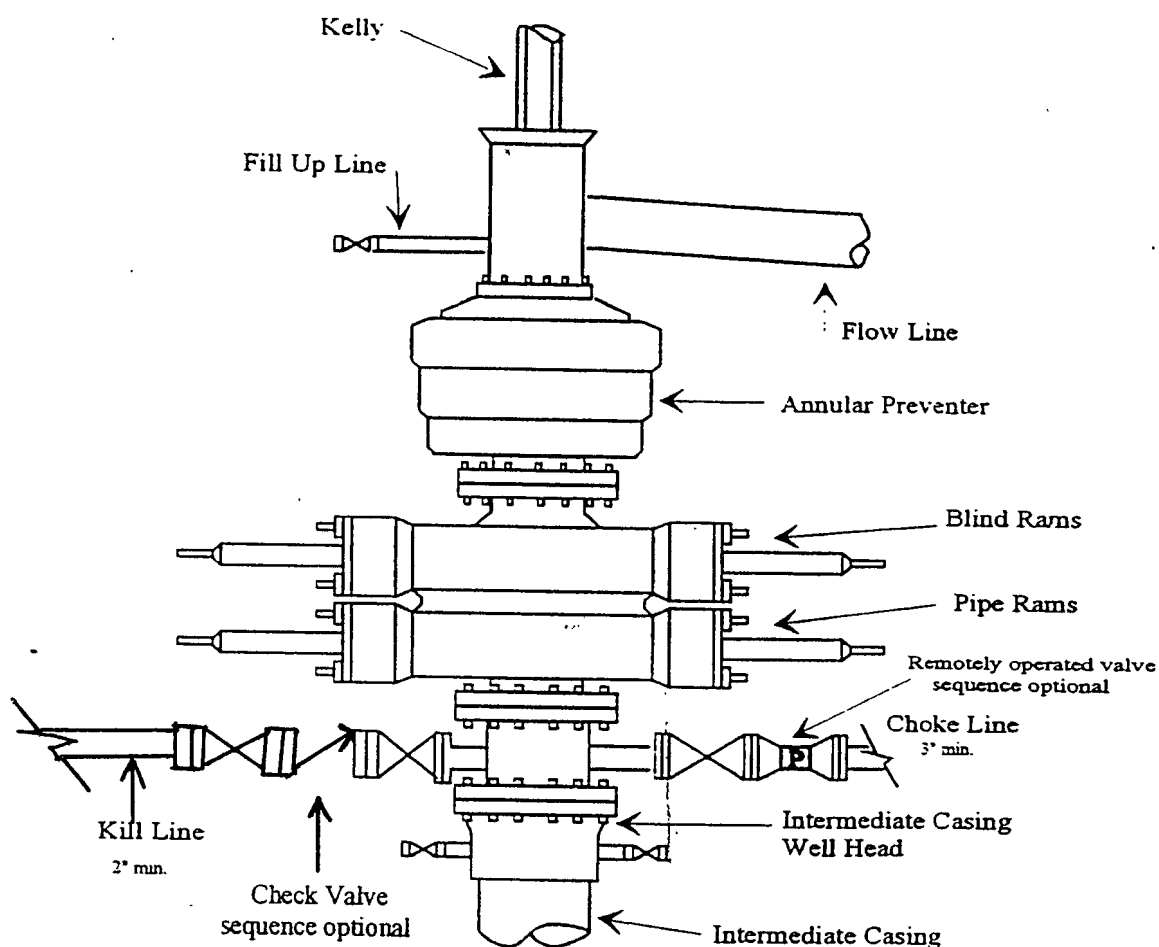
	<b>OPERATOR CERTIFICATION</b> I hereby certify the the information contained hereto is true and complete to the best of my knowledge and belief. <i>Clifton R. May</i> Signature <i>CLIFTON R. MAY</i> Printed Name <i>REGULATORY AGENT</i> Title <i>9/28/05</i> Date	
	<b>SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my belief. <i>9/21/2005</i> Date Surveyed <i>[Signature]</i> Signature of Professional Surveyor Certificate No. <i>3640</i> State of <i>NEW MEXICO</i> County of <i>LEA</i> City of <i>Albuquerque</i> State of <i>NEW MEXICO</i> License No. <i>3640</i> Licensee Name <i>HERSCHEL JONES</i> Licensee Title <i>REGISTERED PROFESSIONAL SURVEYOR</i> Licensee Company <i>HERSCHEL JONES SURVEYING COMPANY</i>	
	<b>Scale</b> 0 330' 660' 990' 1650' 1980' 2310' 2640' 2970' 3300' 0'	
	<b>Well Location</b> <i>VO-5456</i>	



# 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

