

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 Fourth Street Artesia, New Mexico 88210		<sup>2</sup> OGRID Number 025575 ✓
		<sup>3</sup> API Number 30-025-38437
<sup>4</sup> Property Code 34833 ✓	<sup>5</sup> Property Name Tudor BHD State Com	<sup>6</sup> Well No. 1
<sup>9</sup> Proposed Pool 1 Wildcat Mississippian		<sup>10</sup> Proposed Pool 2

<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
H	8	10S	34E	H	1980'	North	660'	East	Lea

<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

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 State	<sup>15</sup> Ground Level Elevation 4232'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 12400'	<sup>18</sup> Formation Mississippian Age Rocks- Undivided	<sup>19</sup> Contractor Not Determined	<sup>20</sup> Spud Date ASAP
Depth to Groundwater 100' or more		Distance from nearest fresh water well More than 1000'		Distance from nearest surface water 1000' or more
Pit: Liner: Synthetic XX 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 checked="" 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
17.5	13.375	48#	400'	400 sx	0
12.25	9.625	40#	4150'	1450 sx	0
8.75	5.5	17#	12400'	2650 sx	3650'

<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.

Yates Petroleum Corporation proposes to drill and test the Mississippian and intermediate formations. Approximately 400' of surface casing will be set and cement circulated. Intermediate casing will be set at 4150', cemented and circulated to the surface. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

MUD PROGRAM: 0-400' FW/Paper; 400'-2100' FW; 2100'-4150' Red Bed Mud/Oil; 4150'-7700' Cut Brine; 7700'-11560' Salt Gel/Oil/Starch; 11560'-TD SW/Starch/4-6%KCL..

BOPE PROGRAM: A 5000# BOPE will be installed on the 9 5/8" casing and tested daily for operational.

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

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

Signature: *Clifton R. May*

Printed name: Clifton R May

Title: Regulatory Agent

E-mail Address: cliff@ypcnm.com

Date: 5/9/07

Phone: (505) 748-4347

OIL CONSERVATION DIVISION

Approved by:

*Chris Williams*

Title: **OCD DISTRICT SUPERVISOR/GENERAL MANAGER**

Approval Date: **JUN 20 2007**

Expiration Date:

Conditions of Approval Attached ☐

PREVIOUSLY APPROVED

*dm*

## District I

1625 N. French Dr., Hobbs, NM 88240

## District II

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 &amp; 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 30-025-38437	<sup>2</sup> Pool Code e	<sup>3</sup> Pool Name Wildcat Mississippian
<sup>4</sup> Property Code 34833	<sup>5</sup> Property Name TUDOR BHD STATE COM	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 025575	<sup>8</sup> Operator Name YATES PETROLEUM CORPORATION	<sup>9</sup> Elevation 4232'

<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
H	8	10S	34E		1980	NORTH	660	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 320 1/2	<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.

<div style="border: 2px solid black; padding: 10px; margin: 5px;"> <div style="display: flex; justify-content: space-around;"> <div>VO-6845</div> <div>LG-6974</div> </div> <div style="position: relative; height: 100px;"> <div style="position: absolute; right: 0; top: 0; transform: rotate(90deg);">1980'</div> <div style="position: absolute; bottom: 0; right: 0;">660'</div> </div> </div>	<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, 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. <div style="display: flex; justify-content: space-between;"> <div>Signature <u>Clifton R. May</u></div> <div>Date <u>5/9/07</u></div> </div> <div>Printed Name <u>Clifton R. May</u></div> <div>Title <u>Regulatory Agent</u></div>	
	<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. <div style="display: flex; justify-content: space-between;"> <div>Date of Survey _____</div> <div>Signature and Seal of Professional Surveyor: _____</div> </div> <div>REFER TO ORIGINAL PLAT</div> <div>Certificate Number _____</div>	

## DISTRICT II

811 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

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 Wildcat Mississippian
Property Code	Property Name TUDOR "BHD" STATE COM.	Well Number 1
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 4232

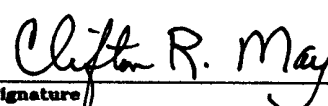
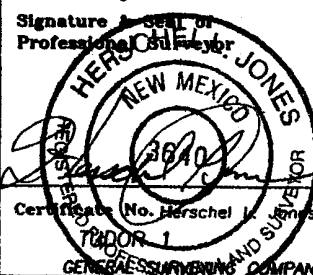
## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	8	10S	34E		1980	NORTH	660	EAST	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 320	Joint or Infill	Consolidation Code	Order No.						

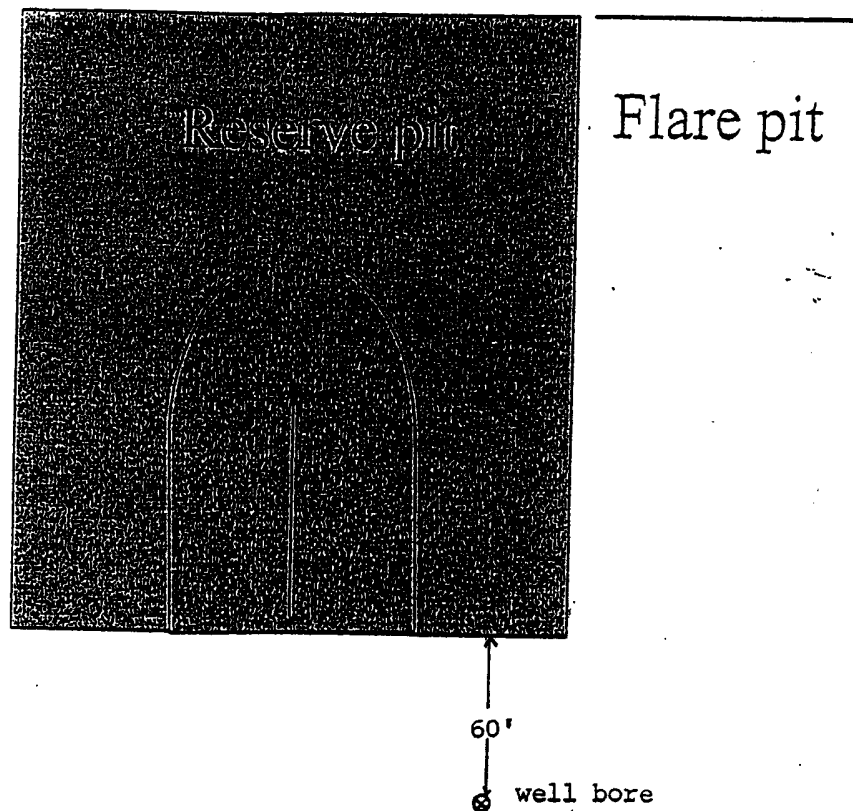
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div style="border: 1px solid black; padding: 10px; margin: 5px;"> <div style="display: flex; justify-content: space-between;"> <div>VO-6845</div> <div>LG-6974</div> </div> <div style="margin-top: 20px;"> <p>N.33°27'48.1" W.103°28'48.7" N.897126.5 E.760344.1 (NAD-27)</p> </div> </div>	<div style="border: 1px solid black; padding: 10px; margin: 5px;"> <div style="display: flex; align-items: center;"> <div style="flex: 1;">1980'</div> <div style="flex: 1; border-left: 1px solid black; margin-left: 5px;"></div> </div> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="flex: 1;"></div> <div style="flex: 1; border-left: 1px solid black; margin-left: 5px;"></div> </div> <div style="text-align: center; margin-top: 10px;"> <p>660'</p> </div> </div>	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  <div style="text-align: center;">           Signature          Clifton R. May          Printed Name          Regulatory Agent          Title          May 20, 2005          Date       </div>
		<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.  <div style="text-align: center;">         5/09/2005          Date Surveyed       </div>
		<div style="text-align: center;">           Certificate No. Herschel L. Jones RLS 3640          TUDOR 1          GENERAL SURVEYING COMPANY       </div>

0 330' 660' 990' 1650' 1980' 2310' 2310' 1980' 1650' 990' 660' 330' 0'

YATES PETROLEUM CORPORATION  
General Plan was approved 4/15/04

The reserve pit will be to the North.  
The Southeast corner of the pit will  
be approximately 60' North of the well  
bore. The pit will be a 150' X 150'  
and 6' deep with a capacity of 24,000  
bbls.



Standard reserve pit. All Reserve pits are double  
Horse shoe size varies with depth of well

# YATES PETROLEUM CORPORATION

## TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER & CHOKE MANIFOLD SCHEMATIC

