

## 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

Operator Name and Address Yates Petroleum Corporation 105 South Fort Street Artesia, NM 88210		OGRID Number 25575	
Property Code 34407	Property Name Boots State Unit	API Number 30-025-38618	Well No. 2
Proposed Pool 1 Sand Springs; Mississippian (Gas)		Proposed Pool 2	

Surface Location									
UL or lot no D	Section 8	Township 11S	Range 35E	Lot Idn	Feet from the 660	North/South line North	Feet from the 990	East/West line West	County Lea

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

Work Type Code New Well	Well Type Code Gas	Cable/Rotary	Lease Type Code State	Ground Level Elevation 4165
Multiple N	Proposed Depth 12650	Formation Mississippian	Contractor	Spud Date ASAP
Depth to Groundwater 40'		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 Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

## 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	43100	1550	0
8.75	5.5	17	12650	1150	3800

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 4300', cement circulated to surface. If commercial, production casing will be run/cemented; will perforate/stimulate as needed for production. MUD PROGRAM: 0-400' FW/Spud Mud; 400'-2110' FW; 2110'-4300' Red Bed Mud/Oil; 4300'-7800' Cut Brine; 7800'-11690' Salt Gel/Oil; 11690'-TD SW/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 H<sub>2</sub>S anticipated from the surface through 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 NMOCD guidelines <input type="checkbox"/> , a general permit <input checked="" type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Clifton R May		Approved by: Gary W. Wink	
Title: Regulatory Agent		Title: UC FIELD REPRESENTATIVE NATURAL RESOURCES	
E-mail Address: cliff@ypcnm.com		Approval Date: NOV 28 2007	
Date: 11/5/07		Expiration Date:	
Phone: (505) 748-4347		Conditions of Approval Attached <input type="checkbox"/>	

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>3D-025-38618</b>		<sup>2</sup> Pool Code <b>97125</b>		<sup>3</sup> Pool Name <b>Sand Springs</b> Wildcat Mississippian	
<sup>4</sup> Property Code <b>34407</b>		<sup>5</sup> Property Name <b>Boots State Unit</b>			<sup>6</sup> Well Number <b>2</b>
<sup>7</sup> OGRID No. <b>025575</b>		<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>			<sup>9</sup> Elevation <b>4165</b>

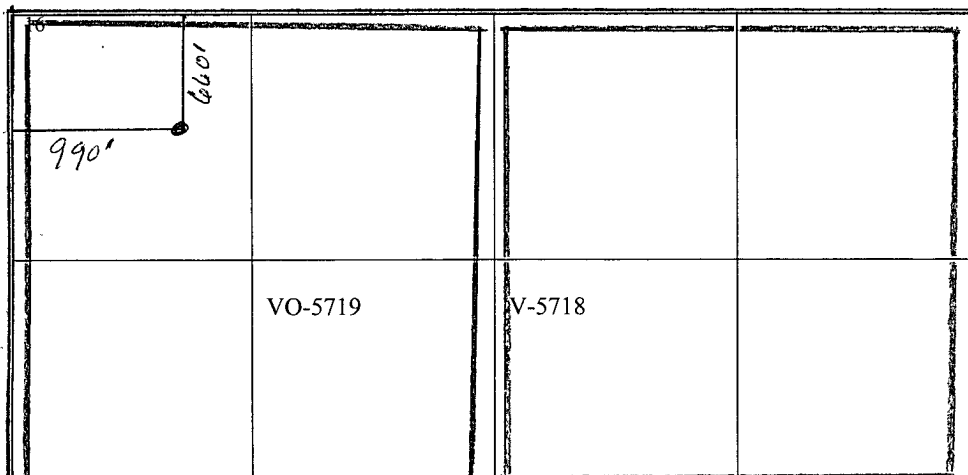
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	8	11 S	35 E		660	North	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 N/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.

				<p><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, 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</p> <p><i>Chifton R. May</i> 10/3/07 Signature Date</p> <p>Chifton R. May, Regulatory Agent Printed Name</p>	
<p><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.</p> <p>Date of Survey Signature and Seal of Professional Surveyor</p> <p><b>REFER TO ORIGINAL PLAT</b></p> <p>Certificate Number</p>					

DISTRICT I  
1626 N. French Dr., Hobbs, NM 88240

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DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

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

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 Wildcat Mississippian
Property Code	Property Name BOOTS STATE UNIT	Well Number 2
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 4165

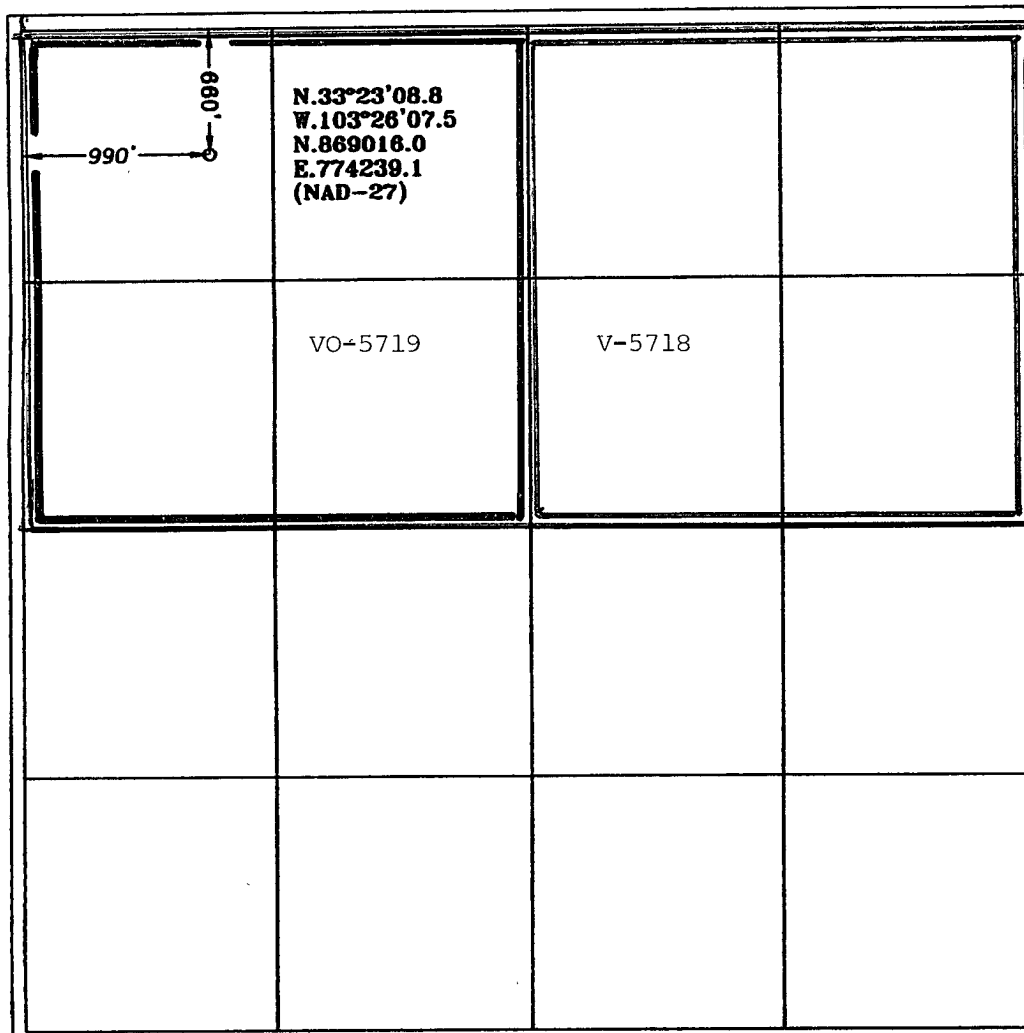
Surface Location

UL or lot No. D	Section 8	Township 11S	Range 35E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 990	East/West line WEST	County LEA
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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



OPERATOR CERTIFICATION

I hereby certify the the information  
contained herein is true and complete to the  
best of my knowledge and belief.

*Clifton R. May*  
Signature

Clifton R. May

Printed Name

Regulatory Agent

Title

November 16, 2005

Date

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.

11/03/2005

Date Surveyed

Signature & Seal of  
Professional Surveyor

Certificate No. Werschel L. Jones RLS 3640

BOOTS 2

GENERAL SURVEYING COMPANY

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