

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

WF  
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> Property Code 33254	<sup>4</sup> Property Name Reba State Unit	<sup>5</sup> API Number 30-025-39083
<sup>9</sup> Proposed Pool 1 Four Lakes; Mississippian (Gas)		<sup>6</sup> Well No 2
<sup>9</sup> Proposed Pool 1		<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
B	32	11S	35E		760'	North	1925'	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

**Additional Well Information**

<sup>11</sup> Work Type Code New Well	<sup>12</sup> Well Type Code Gas	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code State	<sup>15</sup> Ground Level Elevation 4159'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 12800'	<sup>18</sup> Formation Mississippian Limestone	<sup>19</sup> Contractor Not Determined	<sup>20</sup> Spud Date ASAP
Depth to Groundwater Less than 50'		Distance from nearest fresh water well More than 1000'		Distance from nearest surface water More than 1000'
<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	0
12.25	9.625	40	4200	1500	0
8.75	5.5	17	12800	1650	3700

<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/cemented. Approximately 4200' of intermediate casing will be set/cement circulated. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.  
**MUD PROGRAM:** 0-400' FW/Spud Mud; 400'-2090' FW; 2090'-4200' Red Bed Mud/Oil; 4200'-7650' Cut Brine; 10000'-10600' S Gel Starch; 11600' TD SW/Starch 4%KCL  
**BOPE PROGRAM:** a 5000# BOPE will be installed 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 enough H2S found from the surface through the Mississippian Limestone formation 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. I further certify that the drilling pit will be constructed according to NMOC guidelines ☐ a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Signature: *Cliff R. May*  
Printed name: Cliff R May

Title: Regulatory Agent  
E-mail Address: cliff@ypcnm.com

Date: 5/9/08  
Phone: (575) 748-4347

**OIL CONSERVATION DIVISION**

Approved by:

Title

Approval Date

Expiration Date:

Conditions of Approval Attached ☐

PREVIOUSLY APPROVED C-102 Attached

EXPIRED MAY 11, 08

Permit Expires 2 Years From Approval Date Unless Drilling Underway

DISTRICT I  
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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

Form C-106  
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 <b>30-025-39083</b>	Pool Code 97053	Pool Name Four Lakes; Mississippian (Gas)
Property Code 33254	Property Name REBA STATE UNIT	Well Number 2
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 4159

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	32	11S	35E		760	NORTH	1925	EAST	LEA

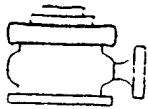
Bottom Hole Location If Different From Surface

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 N/2	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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature Clifton R. May Printed Name Regulatory Agent Title April 21, 2008 Date
	<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.  5/17/2004 Date Surveyed Signature & Seal of Professional Surveyor  Certified by: Herschel L. Jones, SLS 3640 GENERAL SURVEYING COMPANY

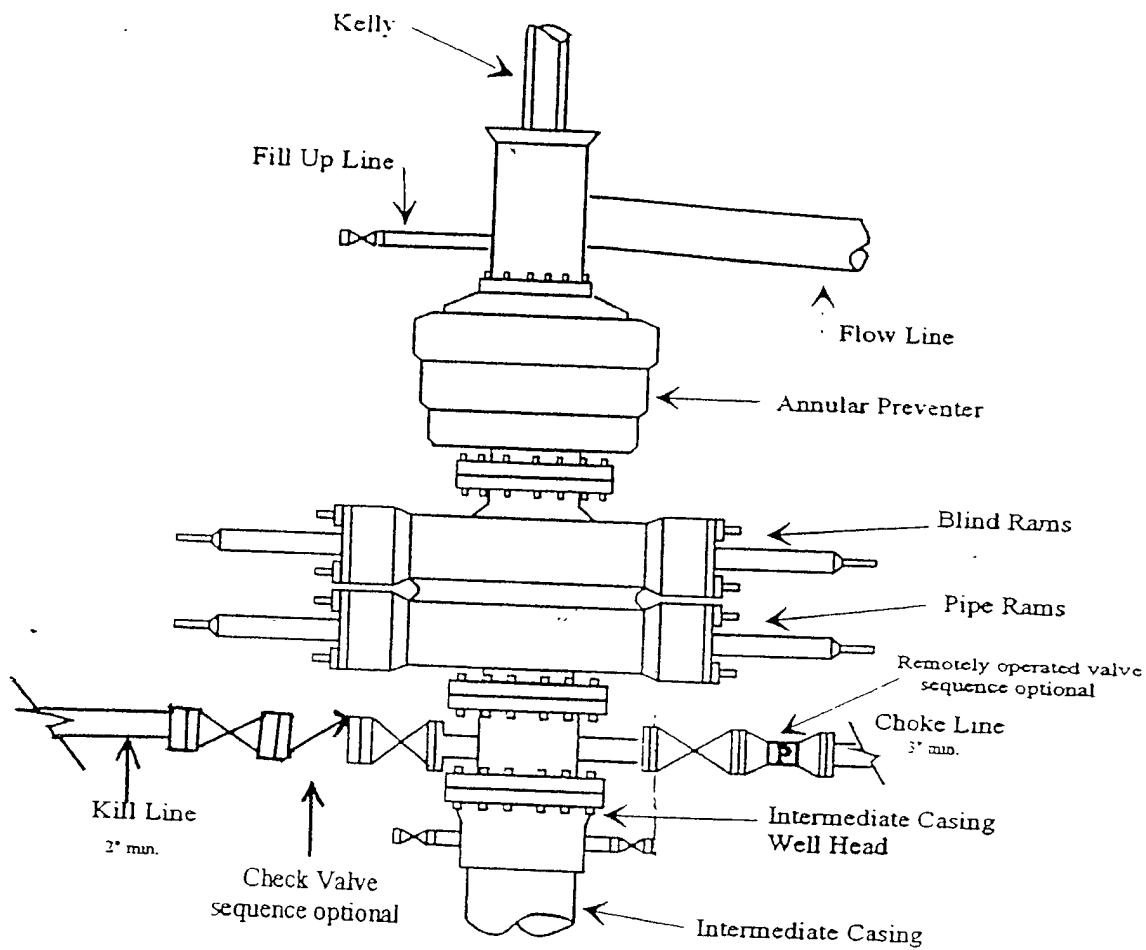
0 330' 660' 990' 1650' 1980' 2310' 2310' 1980' 1650' 990' 660' 330' 0'



# 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

