

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised March 17, 1999  
Instructions on back  
Submit to appropriate District Office

DISTRICT II  
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

State Lease - 6 Copies  
Fee Lease - 5 Copies

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

PO BOX 2088  
Santa Fe, NM 87504-2088

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87501

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>4</sup> Property Code 26971	<sup>5</sup> Property Name Chad AXA State	<sup>3</sup> API Number 30-025-35285
		<sup>6</sup> Well No. 1

**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
L	36	13S	34E		1580'	South	660'	West	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
					<sup>9</sup> Proposed Pool 1 Wildcat Mississippian		<sup>10</sup> Proposed Pool 2		

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code PS	<sup>15</sup> Ground Level Elevation
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 13,700'	<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/feet	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42#	400'	400 sx	Surface
11"	8 5/8"	32#	4300'	1400 sx	Surface
7 7/8"	5 1/2"	17# & 20#	13700'	900 sx	TOC 7300'

<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 productivity. 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 to shut off gravel and cavings. Intermediate casing will be set at 4300' and cement circulated to surface. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

**MUD PROGRAM:** 0-400' FWGel; 400-4300' Cut Brine going to Brine; 4300-7900' Cut Brine; 7900-12200'- Brine/S.Gel/Diesel; 12200'-TD Salt Gel/Starch.

**BOPE PROGRAM:** A 5000# BOPE will be installed on the 11 3/4" casing and tested daily.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		<b>OIL CONSERVATION DIVISION</b>	
Signature: <i>Clifton R. May</i>		Approved by:	
Printed name: Clifton R. May		Title:	
Title: Regulatory Agent		Approval: <i>NOTICE</i>	Expiration Date:
Date: 11/30/00	Phone: (505) 748-1471	Conditions of Approval Attached <input type="checkbox"/> <i>DEC 01 2000</i>	

Permit Expires 1 Year From Approval Date Unless Drilling Underway

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DISTRICT II

811 South First, Artesia, NM 88210

DISTRICT III

1006 Rio Brazos Ed., Artesia, NM 87410

DISTRICT IV

8048 South Pacheco, Santa Fe, NM 87506

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-35285</b>	Pool Code <input checked="" type="checkbox"/>	Pool Name <b>WILDCAT MISSISSIPPIAN</b>
Property Code <b>26971</b>	Property Name <b>CHAD "AXA" STATE</b>	Well Number <b>1</b>
OCED No. <b>025575</b>	Operator Name <b>YATES PETROLEUM CORPORATION</b>	Elevation <b>4102</b>

Surface Location

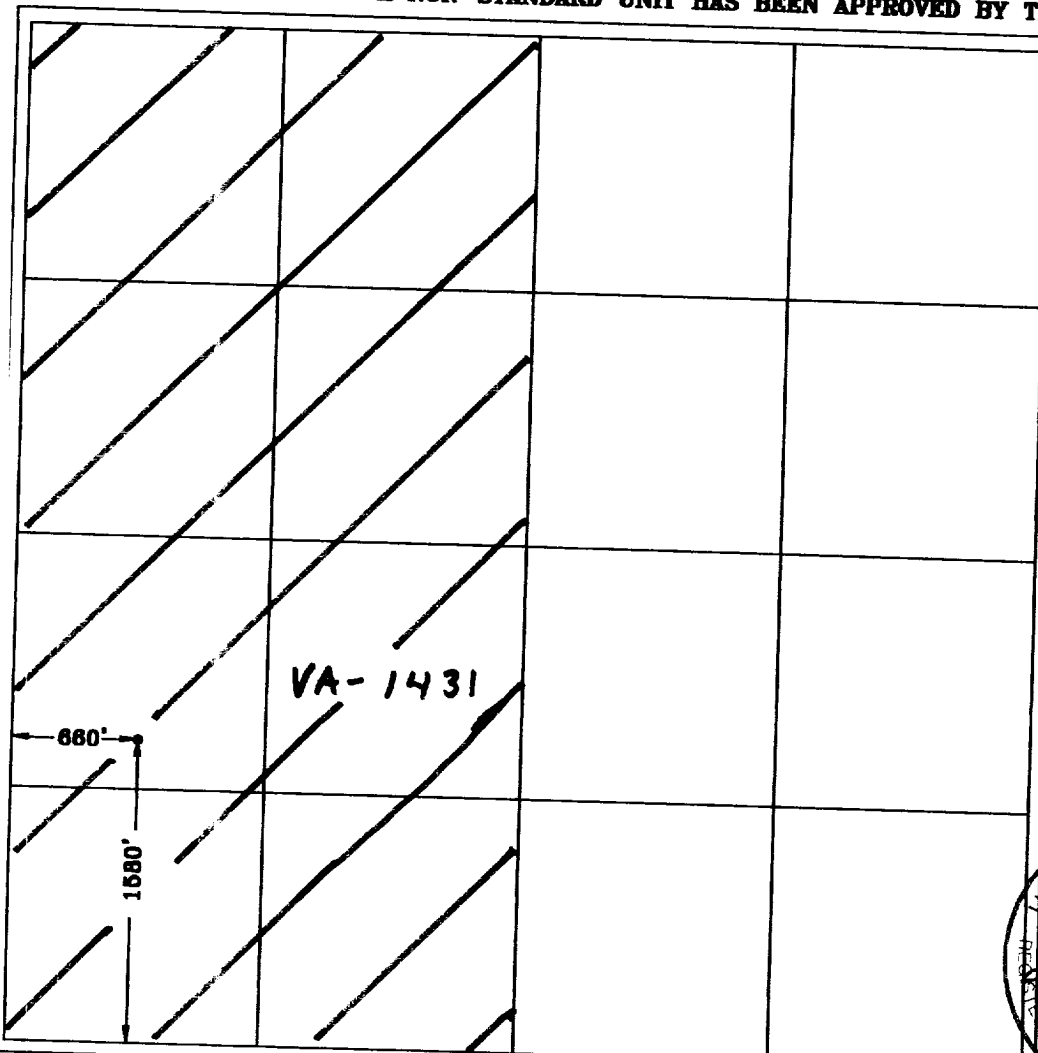
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>L</b>	<b>36</b>	<b>13S</b>	<b>34E</b>		<b>1580</b>	<b>SOUTH</b>	<b>660</b>	<b>WEST</b>	<b>LEA</b>

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 <b>320</b>	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



OPERATOR CERTIFICATION

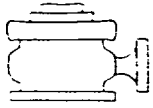
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

**Clifton R. May**  
Signature  
**CLIFTON R. MAY**  
Printed Name  
**REGULATORY AGENT**  
Title  
**12-1-2000**  
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.

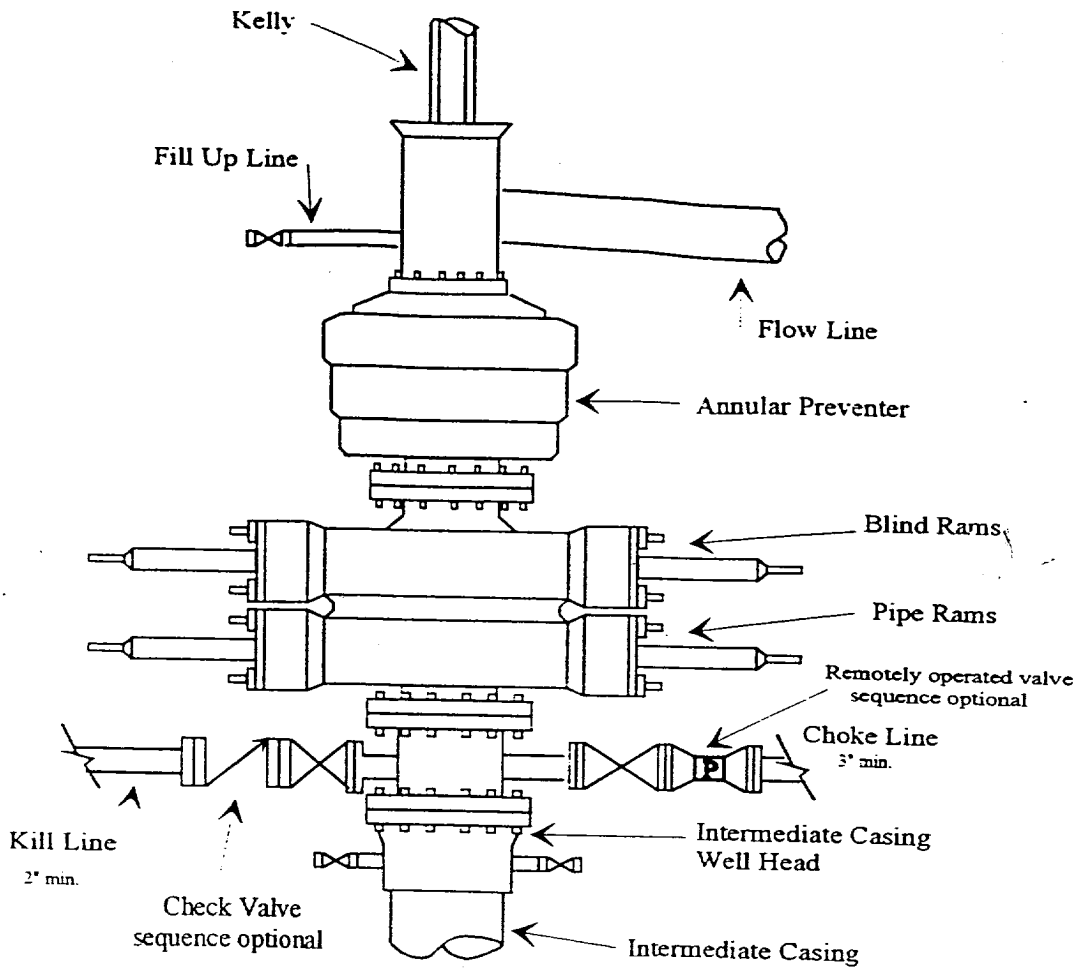
**11/30/2000**  
Date Surveyed  
Signature & Seal of Professional Surveyor  
**Herschell L. Jones**  
Certificate No. **Herschell L. Jones RLS 3640**  
**CHAD 1** **DISK 36**  
GENERAL SURVEYING COMPANY



# 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

