

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ 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 30-025-02680
<sup>4</sup> Property Code 25355	<sup>5</sup> Property Name Austral AUV State Com	<sup>6</sup> Well No. 1

<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
0	6	12-S	35-E		660'	South	1980'	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

<sup>9</sup> Proposed Pool 1

Wildcat Morrow

<sup>10</sup> Proposed Pool 2

<sup>11</sup> Work Type Code E	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Pulling Unit	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation unknown
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 13319'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor Not determined	<sup>20</sup> Spud Date ASAP

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
18"	13 3/8"	54#	342'	220 sx	In Place
12 1/4"	9 5/8"	36 & 40 #	4399'	1056 sx	In Place
8 3/4"	4 1/2"	11.6#	13319'	2025 sx	7500' TOC

<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.

SEE ATTACHED PAGE 2

Re-entry

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

Signature:

Printed name: Ken Beardemphl

Title: Landman

Date:

February 16, 2000

Phone:

(505) 748-1471

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

**YATES PETROLEUM CORPORATION**

Austral AUW State Com. #1

Drilling Prognosis

Page 2

Well was drilled by Austral Oil Exploration Corporation, Inc. as the State E-208 well #1. Yates Petroleum Corporation's plan is to re-enter the well with a pulling unit and reverse unit to drill out cement plugs in the 13 5/8" casing down to the top of the 9 5/8" casing that was cut at 1,148'. After cleaning out inside the 9 5/8" casing the casing will be tied back to the surface and cemented. The cement plugs inside the 9 5/8" casing will be cleaned out to 4,399' and plugs in the 8 3/4" open hole will be drilled out to the last plug at 13,319'. Mud to be used will be 9.5 to 9.8 ppg brine water, w/a 55-70 cp viscosity. After running a new suite of open hole logs, 4 1/2" casing will be run to bottom. The well will be completed with a pulling unit. Possible formation to be completed will be the Atoka/Morrow at 11,700' +/-.

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

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OIL CONSERVATION DIVISION  
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Santa Fe, NM 87505

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Revised March 17, 1999

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State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-02680		2 Pool Code -	3 Pool Name Wildcat Morrow
4 Property Code 25355	5 Property Name Austral AUW State Com.		6 Well Number 1
7 GRID No. 025375	8 Operator Name Yates Petroleum Corporation		9 Elevation unknown

#### 10 Surface Location

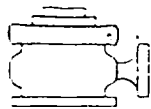
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	6	12-S	35-E		660'	South	1980'	East	Lea

#### 11 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
12 Dedicated Acres 160		13 Joint or Infill		14 Consolidation Code		15 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

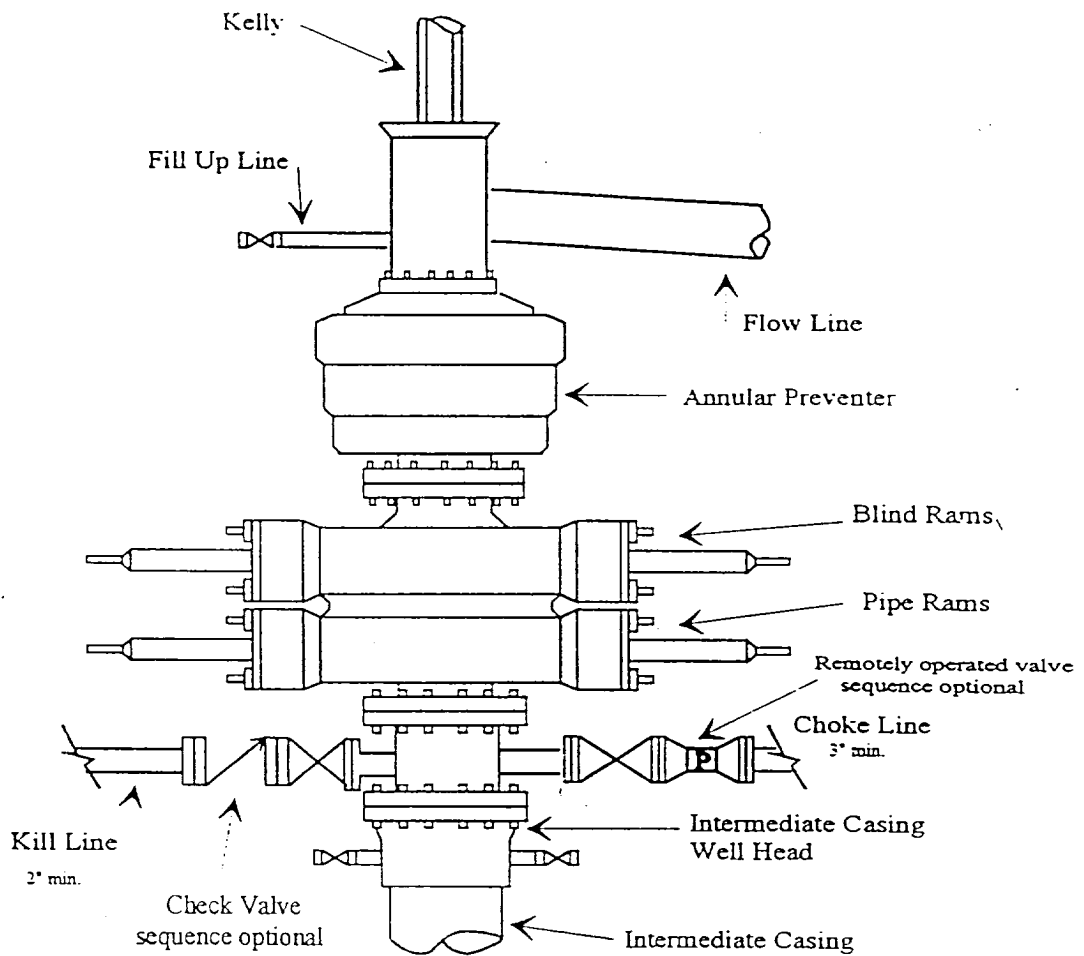
16			17 OPERATOR CERTIFICATION	
			I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
			Signature <u>Ken Beardemph1</u>	
			Printed Name <u>Ken Beardemph1</u>	
			Title <u>Landman</u>	
			Date <u>February 15, 2000</u>	
			18 SURVEYOR 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.	
			Date of Survey	
			Signature and Seal of Professional Surveyor	
			REFER TO ORIGINAL PLAT.	
			Certificate Number	



# 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

