

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

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 87501

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
PO BOX 2088  
Santa Fe, NM 87504-2088

RECEIVED  
OCD - ARTESIA

Form C-101

Revised March 17, 1999  
Instructions on back  
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- 015- 31596
<sup>4</sup> Property Code 26974	<sup>5</sup> Property Name Junior AWW State Com.	<sup>6</sup> Well No. 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
J	17	16S	28E		1980'	South	1980'	East	Eddy

**<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 N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3580'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 9600'	<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**

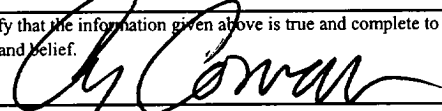
Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42#	400'	400 sx	Surface
12 1/4"	8 5/8"	24#	1900'	650 sx	Surface
7 7/8"	4 1/2"	11.6#	9600'	600 sx	TOC-5500'
Cement to cover all oil, gas, and water bearing zones.					

<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 Morrow and intermediate formations. Approximately 400' of surface casing will be set and cement circulated to shut off gravel and cavings. 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'-1900' FW; 1900'-8500' Cut Brine; 8500'-9600' Salt Gel/Starch.

**BOPE PROGRAM:** A 3000# BOPE will be installed on the 8 5/8" 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. Signature: 		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Cy Cowan		Approved by: <b>ORIGINAL SIGNED BY TIM W. GUM</b> <b>DISTRICT II SUPERVISOR</b> <i>B60</i>	
Title: Regulatory Agent		Title:	
Date: 02/07/01	Phone: (505) 748-1471	Approval Date: <b>FEB 9 2001</b>	Expiration Date: <b>FEB 9 2002</b>
		Conditions of Approval Attached <input type="checkbox"/>	

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State of New Mexico  
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised March 17, 1999

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name Wildcat Morrow	
4 Property Code		5 Property Name JUNIOR AWW STATE COM			6 Well Number 2
7 OGRID No. 025575		8 Operator Name YATES PETROLEUM CORPORATION			9 Elevation 3580.

## 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
J	17	16-S	28-E		1980	SOUTH	1980	EAST	EDDY

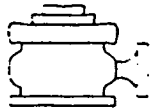
## 11 Bottom Hole Location If Different From Surface

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 320	13 Joint or Infill	14 Consolidation Code	15 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

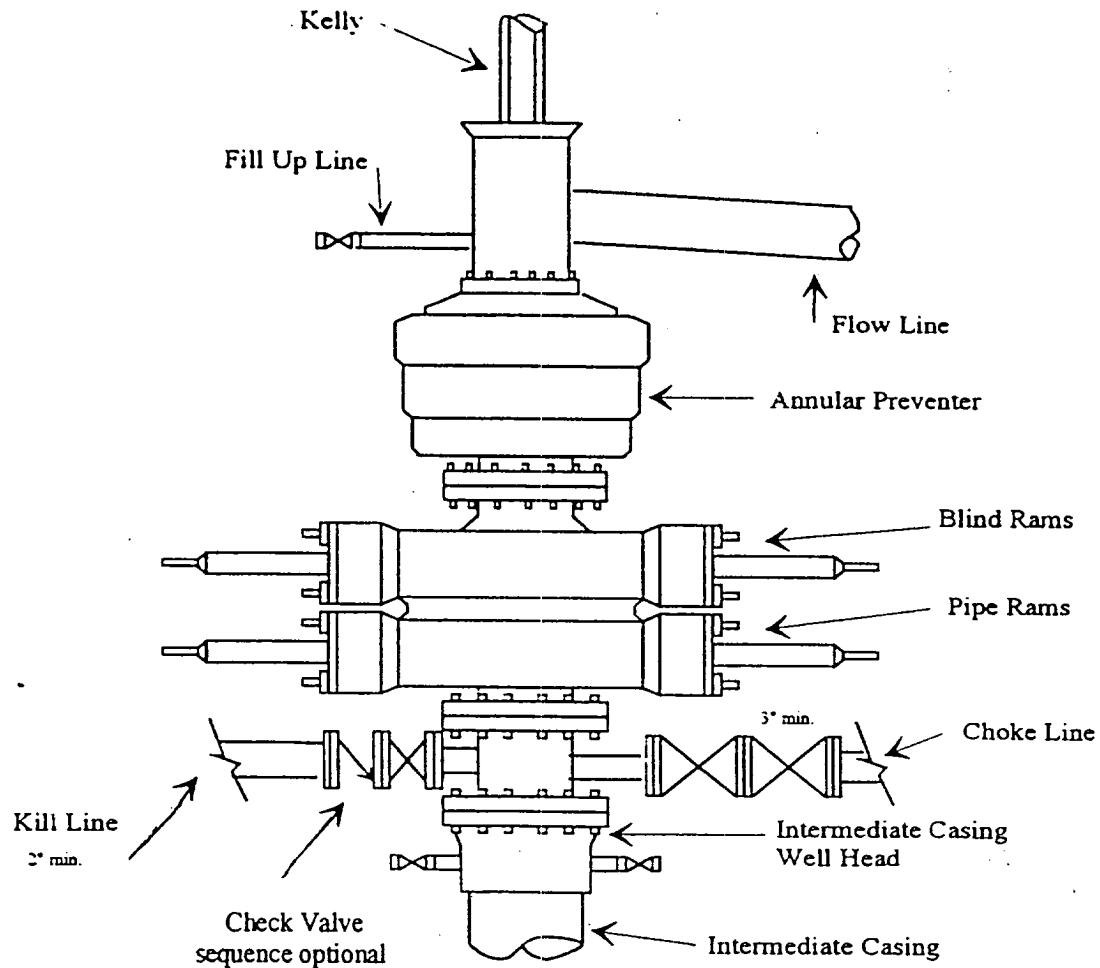
<p>16</p> <p>V-5604</p> <p>1980'</p> <p>NM-10382</p> <p>1980</p>				<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Cy Cowan</i></p> <p>Signature Cy Cowan</p> <p>Printed Name Regulatory Agent</p> <p>Title February 7, 2001</p> <p>Date</p>	
				<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was ploned 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>JANUARY 22, 2001</p> <p>Date of Survey</p> <p>NEW MEXICO</p> <p>REGISTERED LAND SURVEYOR</p> <p>5412</p> <p>PROFESSIONAL ENGINEER</p> <p>NM PE&amp;PS NO. 5412</p>	



# ates Petroleum Corporation

BOP-3

## Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



## Typical 3,000 psi choke manifold assembly with at least these minimum features

