

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

Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-101  
March 4, 2004

**RECEIVED** Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies  
**DEC 2 2004**

**OCD-ARTESIA**

☐ 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, NM 88210		<sup>2</sup> OGRID Number 025575 API Number <b>30-005-63440</b>
<sup>3</sup> Property Code	<sup>5</sup> Property Name Pennzoil SG State Com.	<sup>6</sup> Well No. 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
P	32	7S	26E		660'	South	660'	East	Chaves

**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 Basement <b>Pre-Cambrian</b>						<sup>10</sup> Proposed Pool 2			

**Drilling Pit Location and Other Information**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	32	7S	26E		660'	South	660'	East	Chaves
Depth to ground water Less than 50 Feet				Distance from nearest fresh water well Over 200' from domestic, over 1000' from other water sources			Distance from nearest surface water 1000 Feet or more		
<sup>11</sup> Work Type Code N		<sup>12</sup> Well Type Code G		<sup>13</sup> Cable/Rotary Rotary		<sup>14</sup> Lease Type Code State		<sup>15</sup> Ground Level Elevation 3675'	
<sup>16</sup> Multiple No		<sup>17</sup> Proposed Depth 5225'		<sup>18</sup> Formation Basement		<sup>19</sup> Contractor Not determined		<sup>20</sup> Spud Date ASAP	

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.25	8.625	24	900'	450	Surface
7.875	5.5	15.5	5225'	400	**

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.

\*\* Cement to cover all oil, gas and water bearing zones.

**Yates Petroleum Corporation proposes to drill and test the Basement/Intermediate formations. Approximately 900' of surface casing will be set and cement circulated to shut off gravel and cavings. If commercial, production casing will be run and cemented, perforate and stimulate as needed for production. MUD PROGRAM: 0-900' FW/Gel/Paper/LCM; 900'-3875' Cut Brine; 3875'-5225' Starch/Salt Gel. BOPE PROGRAM: A 2000# BOPE will be installed on the 8 5/8" 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 to the Basement Formation to meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118. Any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines with approved general permit on file.**

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 ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Signature:

Printed name: Robert Asher

Title: Regulatory Agent

E-mail Address: debbiec@ypcn.com

Date: November 24, 2004

Phone: (505) 748-4376

OIL CONSERVATION DIVISION

Approved by:

**TIM W. GUM**

Title: **DISTRICT II SUPERVISOR**

Approval Date: **DEC 04 2004** Expiration Date: **DEC 04 2005**

Conditions of Approval:

Attached ☐

**C-144 Submitted 10/25/2004**

**Previously Approved**

**CEMENT TO COVER ALL OIL,  
GAS AND WATER BEARING  
ZONES i.e., Gloriana**

**DISTRICT I**  
1625 N. French Dr., Hobbs, NM 88249

**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 87506**

**State of New Mexico**  
**Energy, Minerals and Natural Resources Department**

**FORM C-102**  
**Revised March 17, 1989**  
**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 Basement	
Property Code	Property Name PENNZOIL "SG" STATE COM.			Well Number 2
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION			Elevation 3675

### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	32	7S	26E		660	SOUTH	660	EAST	CHAVES

### 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	Joint or Infill	Consolidation Code		Order No.					
320									

**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 style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p style="text-align: center;"><i>Patricia Perez</i>  <u>Signature</u></p> <p><u>Patricia Perez</u>  Printed Name</p> <p><u>Regulatory Agent</u>  Title</p> <p><u>1/07/02</u>  Date</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p>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 style="text-align: right;">12/26/2001</p> <p>Date Surveyed</p> <p><u>THE L. JONES</u>  Professional Surveyor</p> <div style="text-align: center;"> </div> <p>Certificate No. <u>Herb L. Jones RLS 3640</u></p> <p style="text-align: center;">PENNZOIL  GENERAL SURVEYING COMPANY</p>
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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 August 15, 2000

Submit to Appropriate District Office  
State Lease - 4 Copies  
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name <b>Wildcat Basement</b>	
<sup>4</sup> Property Code		<sup>5</sup> Property Name <b>Pennzoil SG State Com.</b>			<sup>6</sup> Well Number <b>1</b>
<sup>7</sup> OGRID No. <b>025575</b>		<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>			<sup>9</sup> Elevation <b>3675'</b>

<sup>10</sup> Surface Location

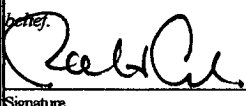
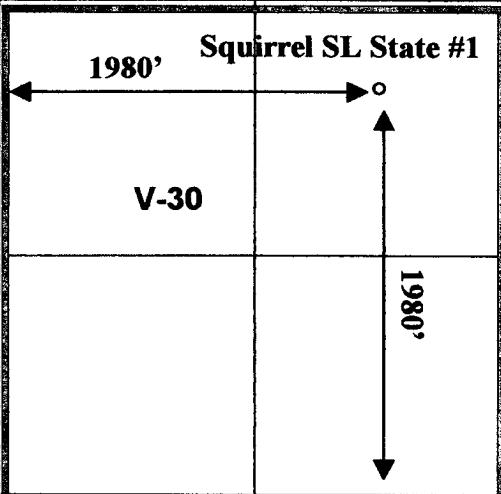
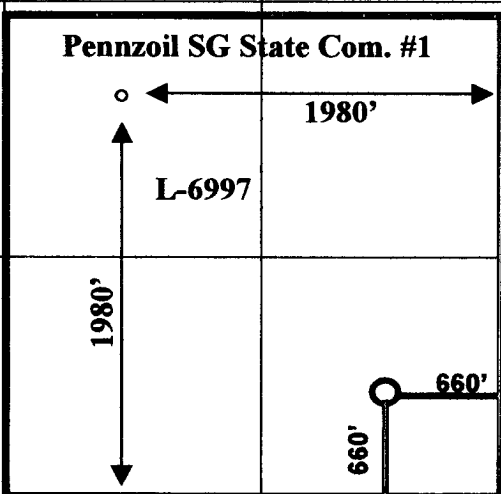
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>P</b>	<b>32</b>	<b>7S</b>	<b>26E</b>		<b>660</b>	<b>South</b>	<b>660</b>	<b>East</b>	<b>Chaves</b>

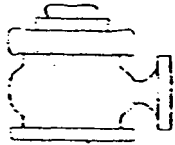
<sup>11</sup> Bottom Hole Location If Different From Surface

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 S/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

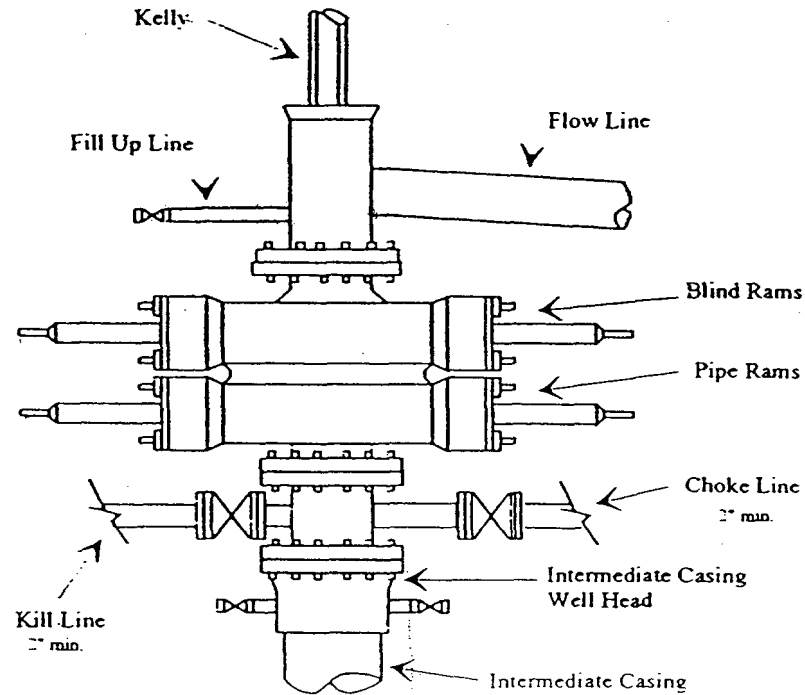
<sup>16</sup>				<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature <b>Robert Asher</b> Printed Name <b>Regulatory Agent</b> Title <b>11/24/2004</b> Date	
					
				<sup>18</sup> SURVEYOR 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. <b>REFER TO ORIGINAL PLAT</b> Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number	



# Yates Petroleum Corporation

BOP-2

## Typical 2,000 psi Pressure System Schematic Double Ram Preventer Stack



Typical 2,000 psi choke manifold assembly with at least these minimum features

