

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM  
District III  
1000 Rio Brazos Road, Aztec, NM 87  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM

State of New Mexico

Mineral Resources

Form C-101  
May 27, 2004

CEMENT TO COVER ALL OIL,  
GAS AND WATER BEARING  
ZONES *ex. Gravel*

Division  
Pecos Dr.  
7505

RECEIVED  
SEP - 9 2005  
OCD-ARTESIA

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 4 <sup>th</sup> Street Artesia, New Mexico 88210		<sup>2</sup> OGRID Number 025575
		<sup>3</sup> API Number 30-005-63616
<sup>4</sup> Property Code 12700	<sup>5</sup> Property Name Rowland RN	<sup>6</sup> Well No. 4
<sup>9</sup> Proposed Pool 1 Pecos Slope Abo		<sup>10</sup> Proposed Pool 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
N	13	5S	24E		660	South	1980	West	Chaves

<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

Additional Well Information

<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 P	<sup>15</sup> Ground Level Elevation 3953'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 4100'	<sup>18</sup> Formation Abo	<sup>19</sup> Contractor Not Determined	<sup>20</sup> Spud Date ASAP
Depth to Groundwater 380'		Distance from nearest fresh water well 11,200'		Distance from nearest surface water 6,650'
<b>Pit:</b> Liner: Synthetic    mils thick    Clay <input type="checkbox"/> Pit Volume: 20,000 bbls    Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	900'	400sx	Surface
7 7/8"	4 1/2"	15.5#	4100'	350sx	3100'

<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 / test the Abo/Intermediate formations. Approximately 900' of surface casing will be set / cemented. If commercial, production casing will be run / cemented, will perforate and stimulate as needed for production. Sources at Yates Petroleum Corporation have relayed information to me that they believe there will be no H2S anticipated from the surface to the Granite Formation to meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.  
**MUD PROGRAM:** 0-900' Gel/paper/LCM; 900-3635' Brine; 3635'-4100' Starch/Salt Gel/Oil/LCM.  
**BOPE PROGRAM:** A 2000# BOPE will be installed on the 8 5/8 casing will be 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. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Printed name: Debbie L. Caffall

Title: Regulatory Technician

E-mail Address:

Date: 09/02/2005

Phone: (505) 748-4376

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM

DISTRICT II SUPERVISOR

Title:

Approval Date: SEP 14 2005

Expiration Date: SEP 14 2006

Conditions of Approval

NOTIFY OCD OF SPUD & TIME  
TO WITNESS CEMENTING OF  
SURFACE CASING

Previously Approved

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

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brancos Rd., Aztec, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name <b>Pecos Slope Abo</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>Rowland RN</b>	<sup>6</sup> Well Number <b>4</b>
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>	<sup>9</sup> Elevation <b>3953'</b>

<sup>10</sup> Surface Location

UL or lot no. <b>N</b>	Section <b>13</b>	Township <b>5S</b>	Range <b>24E</b>	Lot Idn	Feet from the <b>660</b>	North/South line <b>South</b>	Feet from the <b>1980</b>	East/West line <b>West</b>	County <b>Chaves</b>
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<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>160</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>10/1/2003</b> Date
<b>FEE</b>				<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
<b>1980'</b>				

**DISTRICT III**  
1000 Rio Brases Rd., Astor, NM 87410

Form C-102  
Revised February 16, 1964  
Instruction on Back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

**P.O. Box 2088**  
**Santa Fe, New Mexico 87504-2088**

**□ AMENDED REPORT**

API Number		Pool Code	Pool Name Pecos Slope Abo
Property Code	Property Name ROWLAND "RN"		Well Number 4
OGED No. 025575	Operator Name YATES PETROLEUM CORPORATION		Elevation 3953

UL or lot No.	Section	Township	Range	Lot 14n	Feet from the	North/South line	Feet from the	East/West line	County
N	13	5S	24E		860	SOUTH	1980	WEST	CHAVES

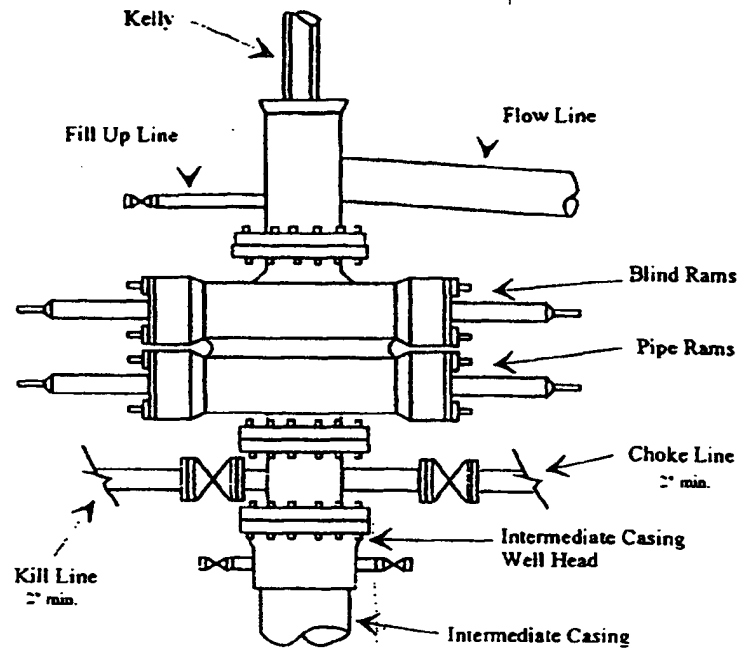
UL or lot No.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

				<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein to true and complete to the best of my knowledge and belief.</p> <p><i>Cy Cowan</i></p> <p>Signature _____</p> <p>Cy Cowan</p> <p>Printed Name _____</p> <p>Regulatory Agent</p> <p>Title _____</p> <p>March 8, 2000</p> <p>Date _____</p>
<p>Rowland RN #2</p>				<p><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>Date 12/02/1999</p> <p><i>WILLIAM L. JONES</i></p> <p>Signature _____</p> <p>William L. Jones</p> <p>Printed Name _____</p> <p>3640</p> <p>RECEIVED</p> <p>GENERAL SURVEYING COMPANY</p>
<p>FEE</p> <p>1980'</p> <p>660'</p>				<p>12/02/1999</p> <p>WILLIAM L. JONES</p> <p>3640</p> <p>RECEIVED</p> <p>GENERAL SURVEYING COMPANY</p>

# 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

