

District I  
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

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

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

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 Fourth Street Artesia, New Mexico 88210		<sup>2</sup> OGRID Number 025575
<sup>3</sup> Property Code 12607		<sup>4</sup> API Number 30-008-63956
<sup>5</sup> Property Name Nortex WN State Com		<sup>6</sup> Well No. 2
<sup>9</sup> Proposed Pool 1 Undesignated Foor Ranch Pre-Permian		<sup>10</sup> Proposed Pool 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
E	22	9S	26E		1980'	North	1000'	West	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

**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 S	<sup>15</sup> Ground Level Elevation 3772'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 6235'	<sup>18</sup> Formation Basement	<sup>19</sup> Contractor Not Determined	<sup>20</sup> Spud Date ASAP
Depth to Groundwater 99'		Distance from nearest fresh water well 1850'		Distance from nearest surface water 2150'
<sup>21</sup> Pit: Liner: Synthetic XX 12_mils thick Clay <input type="checkbox"/> Pit Volume _____ 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"/>				

**21 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#	1100'	550 sx	0
7 7/8"	5 1/2"	15.5#	6235'	500 sx	

**CEMENT TO COVER ALL  
OIL, GAS AND WATER  
BEARING ZONES, EXAMPLE:  
GLORIETA FORMATION**

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data of the zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

Yates Petroleum Corporation proposes to drill and test the Basement and intermediate formations. Approximately 1100' 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:** 0-1100' FW Gel/Paper/LCM; 1100'-4290' Brine; 4290'-6235' 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 through the Basement formation to meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.

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

Signature: *Debbie L. Caffall*

Printed name: Debbie L. Caffall

Title Regulatory Agent

E-mail Address

Date: 7/06/07

Phone: (505) 748-4376

**OIL CONSERVATION DIVISION**

Approved by:

**BRYAN G. ARRANT  
DISTRICT II GEOLOGIST**

Title:

Approval Date:

**JUL 11 2007**

Expiration Date:

**JUL 11 2008**

Conditions of Approval Attached ☐

PREVIOUSLY APPROVED

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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 October 12, 2005  
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 76730	<sup>3</sup> Pool Name Undesignated Foor Ranch Pre-Permian
<sup>4</sup> Property Code 12607	<sup>5</sup> Property Name NORTEX WN STATE COM	<sup>6</sup> Well Number 2
<sup>7</sup> OGRID No. 025575	<sup>8</sup> Operator Name YATES PETROLEUM CORPORATION	<sup>9</sup> Elevation 3772'

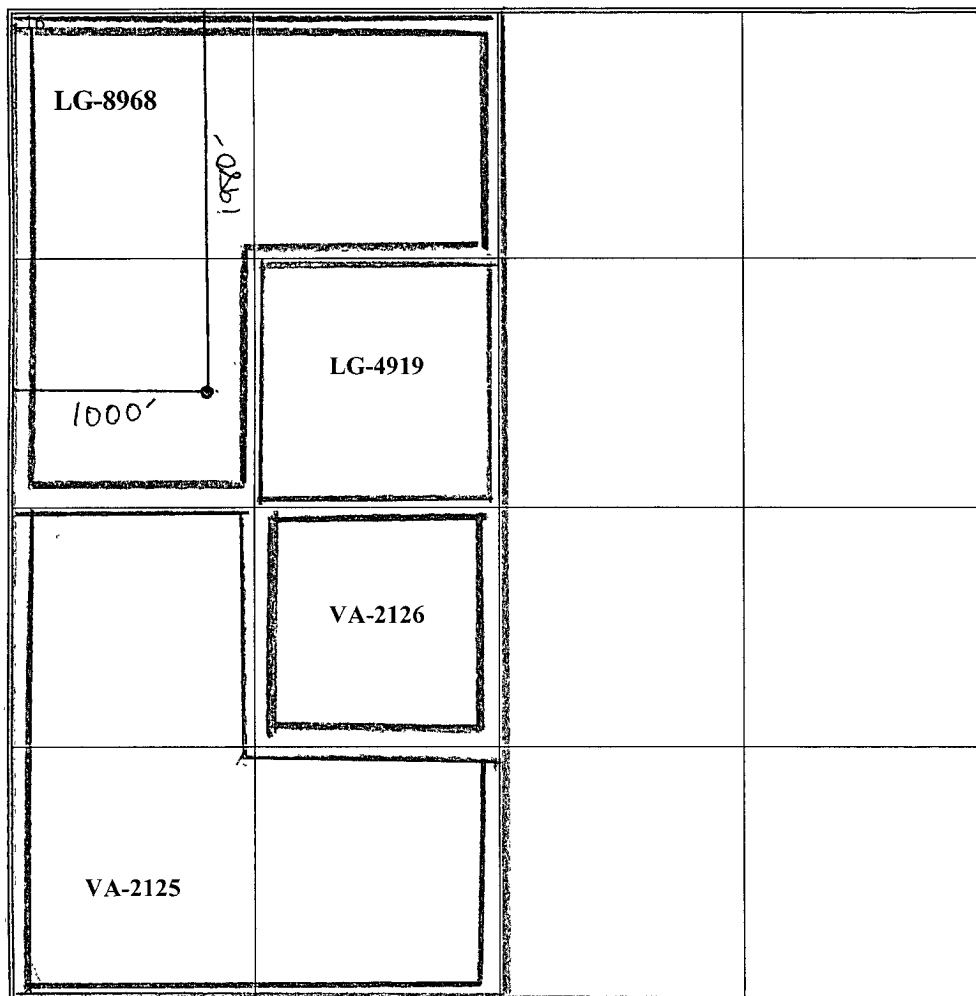
<sup>10</sup> Surface Location

UL or lot no. E	Section 22	Township 9S	Range 26E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 1000	East/West line WEST	County CHAVES
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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 320 W/2	<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.

	<p><sup>17</sup> <b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</p> <p><i>Debbie L. Caffall</i> 7/06/07 Signature Date</p> <p>Debbie L. Caffall Printed Name</p> <p>Regulatory Agent Title</p> <p><sup>18</sup> <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 of Survey Signature and Seal of Professional Surveyor REFER TO ORIGINAL PLAT</p> <p>Certificate Number</p>
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**DISTRICT I**

J. R. French Sr., Santa Fe, NM 87505

**DISTRICT II**

611 South First, Artesia, NM 88210

**DISTRICT III**

1600 Elva Street N.E., Azusa, NM 87410

**DISTRICT IV**

1600 South Pecos, Santa Fe, NM 87505

**State of New Mexico**

Energy, Minerals and Natural Resources Department

Form C-102

Revised March 17, 1989

Instructions 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	Well Code	Well Name
	76730	Undesignated Four Ranch Prepreman (Gas)
Property Code	Property Name	Well Number
	NORTEX "WN" STATE COM.	2
OWNER No.	Operator Name	Elevation
025575	YATES PETROLEUM CORPORATION	3772

**Surface Location**

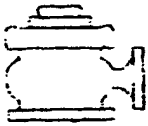
UL or Lot No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
E	22	9S	26E		1960	NORTH	1000	WEST	CHAVES

**Bottom Hole Location If Different From Surface**

UL or Lot No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres		Initial or Initial		Consolidation Code		Order No.			
320.00									

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

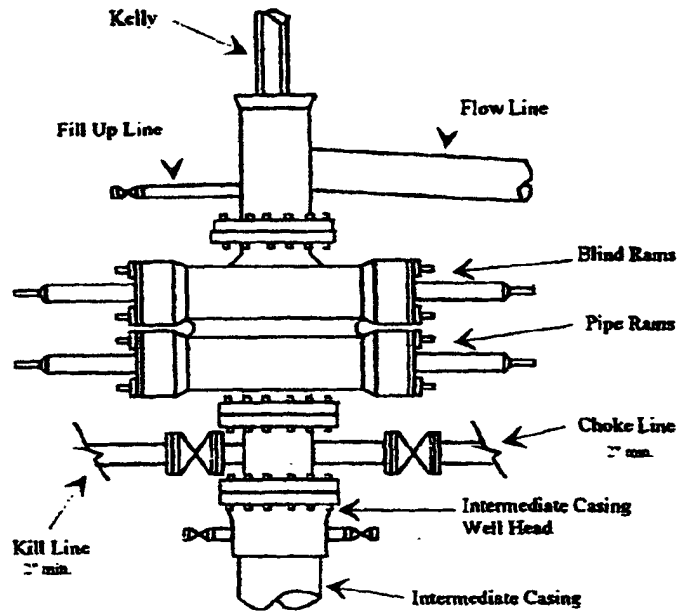
	<b>OPERATOR CERTIFICATION</b> I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature Pat Perez Printed Name Regulatory Agent Title 8-29-01 Date	
	<b>SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this 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. 8/28/2001 Date Surveyed  Signature of H. J. Jones Printed Name H. J. Jones Title Professional Land Surveyor Commission No. 3640, State of New Mexico	
	VA-2125	
	VA-2126	



# 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

