

## 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 ResourcesForm C-101  
May 27, 2004Oil 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 30037	<sup>5</sup> Property Name Parker BAA Com	<sup>4</sup> API Number 30-015-36396
<sup>9</sup> Proposed Pool 1 Richard Knob; Atoka-Morrow		<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
H	21	18S	25E		1330'	North	660'	East	Eddy

## 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 New well	<sup>12</sup> Well Type Code Gas	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3540'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 8900'	<sup>18</sup> Formation Chester	<sup>19</sup> Contractor Not Determined	<sup>20</sup> Spud Date ASAP
Depth to Groundwater Avg. 185'		Distance from nearest fresh water well Approximately 1000'		Distance from nearest surface water Approximately 500'
Pit: <input type="checkbox"/> Liner Synthetic XX 12 mils thick Clay <input type="checkbox"/> Pit Volume 24,000 bbls Drilling Method Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input 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
17 1/2	13 3/8	48#	400'	450sx	Surface
12 1/4	8 5/8	24#	1200'	600sx	Surface
7 7/8	5 1/2	15.5# & 17#	8900'	600sx	TOC-4800'

**NOTE: NEW PIT RULE**

19-15-17 NMAC PART 17

A form C-144 must be approved  
before starting drilling operations.If is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive  
zone. Use additional sheets if necessary.

Yates Petroleum Corporation proposes to drill and test the Chester and intermediate formations. Approximately 400' of surface casing will be set and cement circulated to shut off gravel and cavings. Approximately 1200' of intermediate casing will be set and cement circulated. If commercial, production casing will be run to TD and cemented, will perforate and stimulate as needed for production.

**MUD PROGRAM:** 0-400' FW/Native Mud; 400'-1200' FW; 1200'-8200' Cut Brine; 8200'-TD Salt Gel/Starch/KCL.

**BOPE PROGRAM:** A 3000# BOPE will be installed on the 8 5/8" casing and tested daily.

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

Signature

Print

Title

E-mail

Date

**NOTE:** New Pit Rule  
NMAC 19-15-17

## OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval Attached ☐

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## State of New Mexico

Energy, Minerals &amp; 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 30-015-32361	<sup>2</sup> Pool Code 83840	<sup>3</sup> Pool Name Richard Knob; Atoka-Morrow
<sup>4</sup> Property Code 30037	<sup>5</sup> Property Name Parker BAA Com	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 025575	<sup>8</sup> Operator Name Yates Petroleum Corporation	<sup>9</sup> Elevation 3540

<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
H	21	18S	25E		1330	North	660	East	Eddy

<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 N/2	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

	<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, 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. Signature: <i>Cy Cuwan</i> Date: 5/3/2007 Cy Cuwan, Regulatory Agent Printed Name	
	<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. Date of Survey Signature and Seal of Professional Surveyor. <b>REFER TO ORIGINAL PLAT</b> Certificate Number	

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION

2040 South Pochecho

Santa Fe, N M 87505

Form C-102

Revised March 12, 1999

**Submit to Appropriate District Office**

State Lease - 4.00

Free License <sup>2nd</sup> 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name	
			Richard Knob; Atoka-Morrow	
Property Code	Property Name			Well Number
	PARKER "BAA" COM			1
CORD No.	Operation Name			Elevation
025575	YATES PETROLEUM CORPORATION			3540

### Surface Location

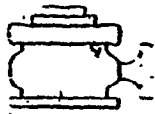
U. or Lot No.	Section	Township	Range	Left line	Feet from the	North/South line	Feet from the	East/West line	County
H	21	18-S	25-E		1330	NORTH	660	EAST	EDDY

## Bottom Hole Location If Different From Surface

U/L of Lot No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320 N/2	Joint or Infit	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTEREST HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

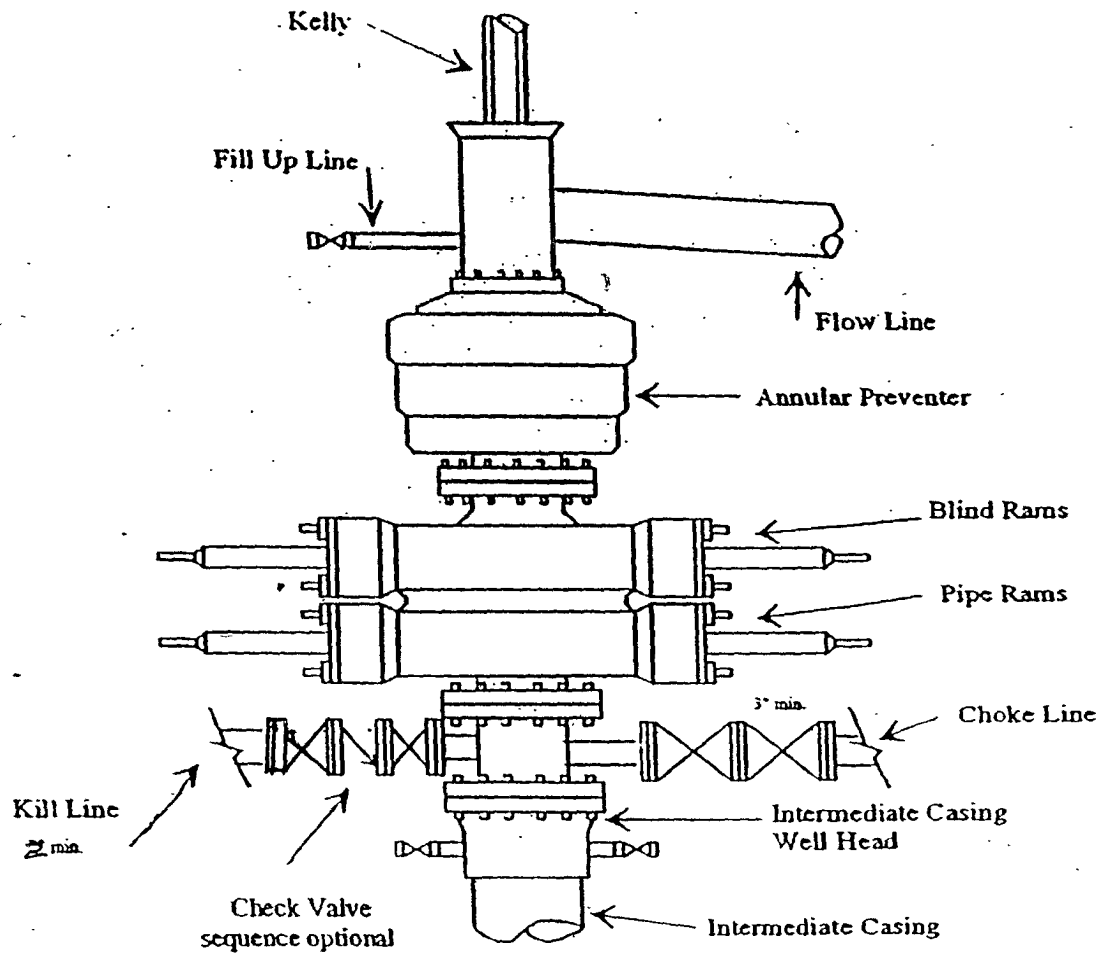
<div data-bbox="495 980 545 999" data-label="Text"> <p>Fee</p> </div>	<div data-bbox="740 980 790 999" data-label="Text"> <p>Fee</p> </div> <div data-bbox="995 989 1023 1052" data-label="Text"> <p>1330'</p> </div>	<div data-bbox="1143 909 1498 932" data-label="Section-Header"> <h1>OPERATOR CERTIFICATION</h1> </div> <div data-bbox="1143 942 1498 989" data-label="Text"> <p>I HEREBY CERTIFY THAT THE INFORMATION HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.</p> </div> <div data-bbox="1170 1113 1485 1247" data-label="Text"> <p><i>Clifton R. May</i></p> </div> <div data-bbox="1149 1205 1229 1224" data-label="Text"> <p>Signature</p> </div> <div data-bbox="1143 1247 1472 1270" data-label="Text"> <p>Printed Name Clifton R. May</p> </div> <div data-bbox="1143 1295 1445 1318" data-label="Text"> <p>Title Regulatory Agent</p> </div> <div data-bbox="1149 1337 1378 1360" data-label="Text"> <p>Date July 8, 2002</p> </div>
<div data-bbox="422 1205 576 1224" data-label="Text"> <p>NM-0487738</p> </div>	<div data-bbox="1055 1142 1109 1161" data-label="Text"> <p>660'</p> </div>	<div data-bbox="1149 1371 1498 1394" data-label="Section-Header"> <h1>SURVEYOR CERTIFICATION</h1> </div> <div data-bbox="1143 1400 1498 1491" data-label="Text"> <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 KNOWLEDGE AND BELIEF.</p> </div> <div data-bbox="1175 1533 1432 1562" data-label="Text"> <p>JUNE 19, 2002</p> </div> <div data-bbox="1149 1562 1269 1581" data-label="Text"> <p>Date of Survey</p> </div> <div data-bbox="1149 1600 1472 1619" data-label="Text"> <p>Signature <i>D. R. Reddy</i> of Licensed Surveyor</p> </div> <div data-bbox="1149 1562 1472 1837" data-label="Image"> </div>



# Yates 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

