

## 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 DRILLING COMPANY 105 SOUTH LEQUIN STREET ARTESIA, NM 88210		<sup>2</sup> OGRID Number 25513
		<sup>3</sup> API Number 30-015-35054
<sup>4</sup> Property Code 35530	<sup>5</sup> Property Name WISETAIL STATE COM	<sup>6</sup> Well No. 002
<sup>9</sup> Proposed Pool 1 RED LAKE ATOKA / MORROW		<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
I	24	18S	27E	I	1520	SOUTH	1210	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

## Additional Well Information

<sup>11</sup> Work Type Code NEW WELL	<sup>12</sup> Well Type Code GAS	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code STATE	<sup>15</sup> Ground Level Elevation 3570
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 10500	<sup>18</sup> Formation CHESTER	<sup>19</sup> Contractor	<sup>20</sup> Spud Date
Depth to Groundwater 100		Distance from nearest fresh water well >1000		Distance from nearest surface water >1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12_mils thick Clay <input type="checkbox"/> Pit Volume: 2000 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
17.5	13.375	48	400	425	Surface
12.25	9.625	36	2500	850	Surface
8.75	5.5	17	10500	2350	2000

<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 DRILLING COMPANY PROPOSES TO DRILL TO THE CHESTER FM. TO TEST THE STRAWN/ATOKA/MORROW FM. APPROXIMATELY 400' OF SURFACE CASING WILL BE SET WITH CEMENT CIRCULATED TO SURFACE TO ALLEVIATE GRAVEL CAVINGS. 2500' OF INTERMEDIATE CASING WILL BE CEMENTED AND, IF WARRANTED, 10,500' OF PRODUCTION CASING WILL BE CEMENTED AND THE WELL WILL BE PERFORATED AND STIMULATED AS NEEDED FOR PRODUCTION.

BLOWOUT PREVENTION PROGRAM: DOUBLE RAM, 5000 # WORKING PRESSURE., 5000 # TEST PRESSURE (SEE ATTACHED DIAGRAM)

NO H<sub>2</sub>S ANTICIPATED

Fresh Water Mud on Surface Casing

<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: TONY KRAKAUSKAS

Title: LAND MANAGER

E-mail Address: tonyk@ypcnm.com

Date: 8/3/2006

Phone: 505-748-8642

## OIL CONSERVATION DIVISION

Approved by:

**BRYAN G. ARANT**  
DISTRICT II GEOLOGIST

Title:

Approval Date: AUG 03 2006

Expiration Date: AUG 03 2007

Conditions of Approval Attached ☐

16	<div style="border: 1px solid black; height: 100px; position: relative;"> <div style="position: absolute; top: 10px; right: 10px; font-size: 0.8em;">           WISETAIL STATE COM #1            API #30-015-34589  </div> </div>	<div style="border: 1px solid black; padding: 5px;"> <h3 style="text-align: center; margin: 0;">17 OPERATOR CERTIFICATION</h3> <p style="font-size: 0.8em; margin: 5px 0;">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> <div style="text-align: right; margin-bottom: 10px;">8/3/2006</div> <div style="display: flex; justify-content: space-between; margin-bottom: 10px;"> <span>Signature</span> <span>Date</span> </div> <div style="border-bottom: 1px solid black; margin-bottom: 10px; min-height: 20px;"></div> <div style="font-size: 0.8em; margin-bottom: 10px;"> <b>TONY KARKAUSKAS, LAND MANAGER</b>        Printed Name     </div> <div style="text-align: center; margin-bottom: 10px;">       tonyk@ypcnm.com     </div> </div>
	<div style="border: 1px solid black; height: 100px; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 1.5em; font-weight: bold;">648</div> </div>	<div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; margin-bottom: 10px; min-height: 20px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 10px; min-height: 20px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 10px; min-height: 20px;"></div> </div>
	<div style="border: 1px solid black; height: 100px; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 1.5em; font-weight: bold;">B-9603</div> </div>	<div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; margin-bottom: 10px; min-height: 20px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 10px; min-height: 20px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 10px; min-height: 20px;"></div> </div>
	<div style="border: 1px solid black; height: 100px; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 1.5em; font-weight: bold;">B-10453</div> </div>	<div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; margin-bottom: 10px; min-height: 20px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 10px; min-height: 20px;"></div> <div style="border-bottom: 1px solid black; margin-bottom: 10px; min-height: 20px;"></div> </div>

L-3757

### 18 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.

JUNE 27, 2006

Date of Survey
Signature and Seal of Professional Surveyor:

**PLEASE SEE ATTACHED C-102  
FOR SURVEYOR CERTIFICATION**

1210'

1520'

1520'

1520'

1520'

1520'

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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 June 10, 2003

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
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>WISETAIL STATE COM</b>	<sup>6</sup> Well Number <b>2</b>
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>YATES DRILLING COMPANY</b>	<sup>9</sup> Elevation <b>3570</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>I</b>	<b>24</b>	<b>18-S</b>	<b>27-E</b>		<b>1520</b>	<b>SOUTH</b>	<b>1210</b>	<b>EAST</b>	<b>EDDY</b>

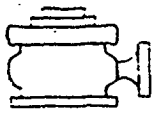
<sup>11</sup> Bottom Hole Location If Different From Surface

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 Acre <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code <b>C</b>	<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.

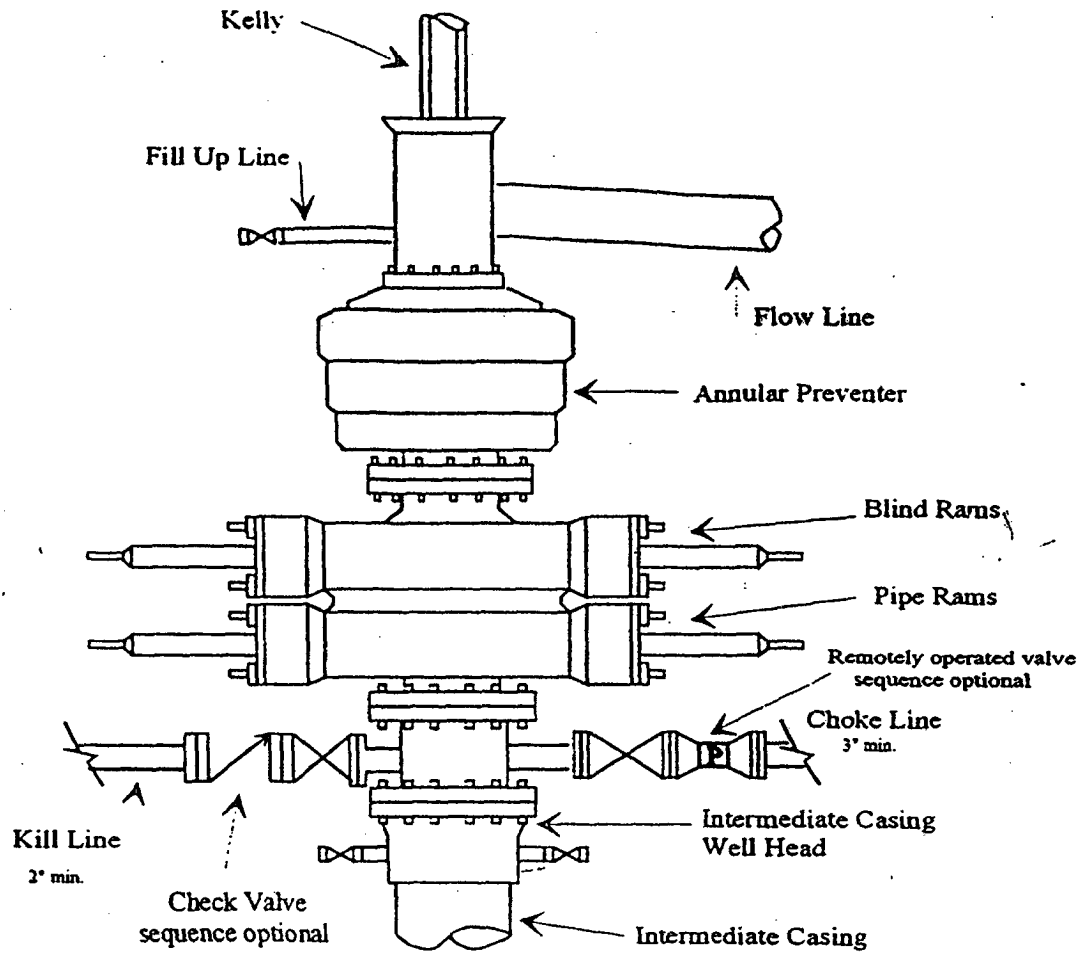
<sup>16</sup> 	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Tony Krakauskas</u> Date: <u>7/25/06</u> Printed Name: <u>TONY KRAKAUSKAS</u> <u>LAND MANAGER</u> <u>tongk@ym.com</u>
	<sup>18</sup> <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. JUNE 27, 2006 Date of Survey: <u>JUNE 27, 2006</u> Signature and Seal of Professional Surveyor: <u>DAN R. REDDY</u> 
	LAT N32.72969 LON W104.22748 <b>L-3757</b> <b>1210'</b> <b>1520'</b>



# ATES DRILLING COMPANY

BOP-4

## Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimum features

