

PO Box 1980, Hobbs, NM 88241-1980  
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 87505

Energy, Minerals & Natural Resources Department

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, NM 87505

Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

01/17/99  
Bum  
5/1/99  
01

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address. <b>Yates Petroleum Corporation</b> 105 S. 4th Street Artesia, New Mexico 88210		<sup>2</sup> OGRID Number 025575
		<sup>3</sup> API Number 30-015-30636
<sup>4</sup> Property Code 22552	<sup>5</sup> Property Name Jacque AQJ State	<sup>6</sup> Well No. 2

**<sup>7</sup> Surface Location**

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
L	34	21S	31E		1650'	South	330'	West	Eddy

**<sup>8</sup> Proposed Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
<sup>9</sup> Proposed Pool 1 West Lost Tank 96482					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3462'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 8150'	<sup>18</sup> Formation Delaware	<sup>19</sup> Contractor Undesignated	<sup>20</sup> Completion Date ASAP

**<sup>21</sup> 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"	54.5#	850'	850	Circulate
11"	8 5/8"	32.0#	4100'	2500	Circulate
7 7/8"	5 1/2"	17 & 15.5#	TD	As Warranted	Circulate
<b>Minimum TOC time 24 hrs.</b>					

<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 and test the Delaware and intermediate formations. Approximately 850' of surface casing will be set and cement circulated. Approximately 4100' of intermediate casing will be set and cement circulated. If commercial, production casing will be run and cemented to tie-back to the 8 5/8" casing. Will perforate and stimulate as needed for production.  
MUD PROGRAM: Native mud to 850'; Brine to 4100'; Cut Brine to TD.  
BOPE PROGRAM: BOPE will be installed on the 13 3/8" casing and tested daily for operational.  
A LETTER HAS BEEN SENT TO MISSISSIPPI POTASH, INC. **R-III-P**

Post ID-1  
5-7-99  
APF & LCC

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Clifton R. May</i> Printed name: CLIFTON R. MAY Title: REGULATORY AGENT Date: April 29, 1999 Phone: 505-748-4347		<b>OIL CONSERVATION DIVISION</b> Approved by: <b>ORIGINAL SIGNED BY TIM W. GUM</b> Title: <b>DISTRICT II SUPERVISOR</b> Approval Date: <b>5-3-99</b> Expiration Date: <b>5-3-00</b> Conditions of Approval: Attached <input type="checkbox"/>	
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**Notify N.M.O.C.C. in sufficient time to witness cementing the 13 3/8" & 8 5/8" casing**