

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ 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> API Number 30-025-34862
<sup>4</sup> Property Code 25720	<sup>5</sup> Property Name East Sand Springs Unit	<sup>6</sup> Well No. 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	24	11-S	34-E		660'	South	1700'	West	Lea

<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
<sup>9</sup> Proposed Pool 1 Wildcat Mississippi					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 4143'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 12,400'	<sup>18</sup> Formation Mississippi	<sup>19</sup> Contractor Not determined	<sup>20</sup> Spud Date ASAP

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42 #	400'	400 sx	circulated
11	8 5/8"	32 #	4200'	1400 sx	circulated
7 7/8"	4 1/2"	11.6#	12,400'	850 sx	TOC- 7300'

<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 Mississippi and intermediate formations. Approximately 400' of surface casing will be set and cement circulated. Intermediate casing will be cement circulated. If commercial production casing will be run and cemented back to approximately 7300', perforated and stimulated as needed for production.

MUD PROGRAM: 0'-400' FW Gel; 400'-4200' Cut brine to brine; 4200'-7800' Cut brine; 7800'-11500' Brine/S Gel/Diesel; 11500'-12400' Salt Gel/Starch.  
BOPE PROGRAM: 5000# BOPE will be installed on 8 5/8" casing and 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.

Signature:

Printed name: Ken Beardemph

Title: Landman

Date:

January 13, 2000

Phone:

(505) 748-1471

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY DISTRICT SUPERVISOR

Title:

Approval Date: JAN 20 2000

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval  
Date Unless Drilling Unsuccessful

CT  
MP