

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-101  
Revised February 10, 1994  
Instructions on back  
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

<input checked="" type="checkbox"/> 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 30-025-33275
<sup>4</sup> Property Code 18340	<sup>5</sup> Property Name Papalotes	<sup>6</sup> Well No. #1

<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
II	34	14S	34E		1960	South	330	East	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 Strawn					<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 Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 4092'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 12,100'	<sup>18</sup> Formation Strawn	<sup>19</sup> Contractor Undesignated	<sup>20</sup> Spud Date 2-1-96

<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"	48#	450'	550	Circulate
11"	8 5/8"	32#	4400'	1050	Circulate
7 7/8"	5 1/2"	15 & 17#	TD	1350	As Required

<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.

We propose to drill and test the Strawn and intermediate zones. Approximately 450' of surface casing will be set and cement circulated. An intermediate string will be set at approximately 4400' and cement circulated. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: Spud mud to 450'; Brine to 4400'; Cut Brine, Starch to 9800'; Salt Gel and Starch to TD.

BOPE PROGRAM: BOPE will be installed on the intermediate casing and tested daily for operational.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Cy Cowan*  
Printed name: Cy Cowan  
Title: Land Technician  
Date: 1-23-96  
Phone: 505-748-1471

OIL CONSERVATION DIVISION

Approved by: **Drig. Signed by**  
**Paul Kautz**  
Title: **Geologist**  
Approval Date: **JAN 24 1996** Expiration Date:  
Conditions of Approval:  
Attached ☐

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

Sent to partner 2/12/96 RMB