

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  
State Lease - 6 Copies  
Fee Lease - 5 Copies

MAR 1998  
RECEIVED  
OCD - ARTESIA

☐ 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, NM 88210		<sup>2</sup> OGRID Number 25575
		<sup>3</sup> API Number 30 - 015-29592
<sup>4</sup> Property Code 20843	<sup>5</sup> Property Name Martin ARH	<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
J	27	17S	26E		1980	South	1980	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

<sup>9</sup> Proposed Pool 1 Kennedy Farms Upper Penn (gas)	<sup>10</sup> Proposed Pool 2
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<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Pulling Unit	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3328' GR
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 7250' PBTD	<sup>18</sup> Formation Canyon/Cisco	<sup>19</sup> Contractor Unknown	<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
26"	20"		40'	Cmt to surface	
12-1/4"	8-5/8"	24#	1319'	In place	
7-7/8"	5-1/2"	17# & 15.5#	8860'	In place	

<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.

Propose to add perforations in the Morrow and add new zones as follows:

1. Install BOP. POOH with tubing, packer and TCP guns.
2. GIH with tubing, packer and RBP. Set RBP at 8600' and test.
3. Perforate 8534-8568' (Morrow), acidize and frac as necessary.
4. Swab test.

Add perforations in Atoka as follows:

1. Set RBP at 8400' and test.
2. Perforate 8327-8333', acidize and frac as necessary. Swab test.

<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:

Title:

Date:

Rusty Klein

Operations Technician

March 4, 1998

Phone:

505-748-1471

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

Title:

Approval Date:

MAR 11 1998

Expiration Date:

Conditions of Approval:

Attached ☐

WILL DRILL DHC ORDER  
IF BOTH ZONES ARE PLU  
TIGHTEN.