

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised March 17, 1999  
Instructions on back  
Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

DISTRICT II  
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

PO BOX 2088  
Santa Fe, NM 87504-2088

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87501

☐ 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 30-025-35739
<sup>4</sup> Property Code 25300	<sup>5</sup> Dome Big Bear "ATN"	<sup>6</sup> Well No. 3

<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
PN	29	15S	35E		330	South	1980	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 Big Dog 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 R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 4007'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 11,900'	<sup>18</sup> Formation Strawn	<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/feet	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42#	400'	400 sx	Surface
11"	8 5/8"	32#	4950'	1500 sx	Surface
7 7/8"	5 1/2"	17#	11900	400sx	TOC-9200'

<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 Strawn and intermediate formations. Approximately 400' of surface casing will be set and cement circulated. Intermediate casing will be set at 4950' and cement circulated to surface. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

MUD PROGRAM: 0-400' FWGel, Paper, LCM; 400-4950' Brine; 4950-11500' FW with sweeps as needed; 11500'-11900' SW Gel/Driscap/Starch.

BOPE PROGRAM: A 5000# BOPE will be installed on the 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: <i>Clifton R. May</i>		OIL CONSERVATION DIVISION	
Printed name: Clifton R. May		Approved by:	
Title: Regulatory Agent		Title:	
Date: 10/15/01	Phone: (505) 748-1471	Approval Date: 10/20/01	Expiration Date:
		Conditions of Approval: Attached <input type="checkbox"/>	

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

J  
C  
A

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MP

~~GENERAL SURVEY~~

# YATES PETROLEUM CORPORATION

## TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER & CHOKE MANIFOLD SCHEMATIC

