

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

DISTRICT II  
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

State Lease - 6 Copies  
Fee Lease - 5 Copies

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

PO BOX 2088  
Santa Fe, NM 87504-2088

DISTRICT IV  
2040 South Pacheco, Santa Re, NM 87505

☐ 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 30-025-36007
<sup>4</sup> Property Code 30557	<sup>5</sup> Property Name Carolina Special "BBC" State	<sup>6</sup> Well No. 1

**7 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
P	29	15S	34E		660'	South	660'	East	Lea

**8 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 Mississippian					<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 R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 4098'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 14,000'	<sup>18</sup> Formation Mississippian	<sup>19</sup> Contractor Not Determined	<sup>20</sup> Spud Date ASAP

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	400'	400 sx	Surface
12 1/4"	9 5/8"	36 & 40#	6200'	1700 sx	Surface
8 3/4"	5 1/2"	17# & 20#	14,000	1100 sx	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 Mississippian and intermediate formations. Approximately 400' of surface casing will be set and cement circulated to shut off gravel and cavings. Intermediate casing will be set at 6200' and cemented circulated to surface. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

**MUD PROGRAM:** 0-400' FW Gel/Paper; 400'-6200' FW going to Brine; 6200'-11600' Cut Brine; 11600'-TD'; Salt Gel/Starch/Drispac.

**BOPE PROGRAM:** A 5000# BOPE will be installed on the 9 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: *Clifton R. May*

Printed name: Clifton R. May

Title: Regulatory Agent

Date: 09/25/02

Phone: (505) 748-1471

OIL CONSERVATION DIVISION

Approved by: *PAUL F. KAUTZ*

Title: PETROLEUM ENGINEER

Approval Date: SEP 26 2002

Conditions of Approval

Attached ☐

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

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Fee Lease - 3 Copies

**DISTRICT III**  
100K Rio Brazos Rd., Aztec, NM 87410

## OIL CONSERVATION DIVISION

**DISTRICT IV**  
2040 South Pacheco, Santa Fe, NM 87505

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36007		Pool Code ✓	Pool Name Wildcat; MISSISSIPPIAN
Property Code 30557	Property Name CAROLINA SPECIAL "BBC" STATE		Well Number 1
OGRID No. 055275	Operator Name YATES PETROLEUM CORPORATION		Elevation 4098

### Surface Location

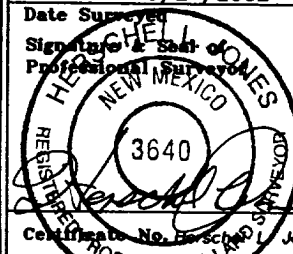
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	29	15S	34E		660	SOUTH	660	EAST	LEA

### 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
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Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

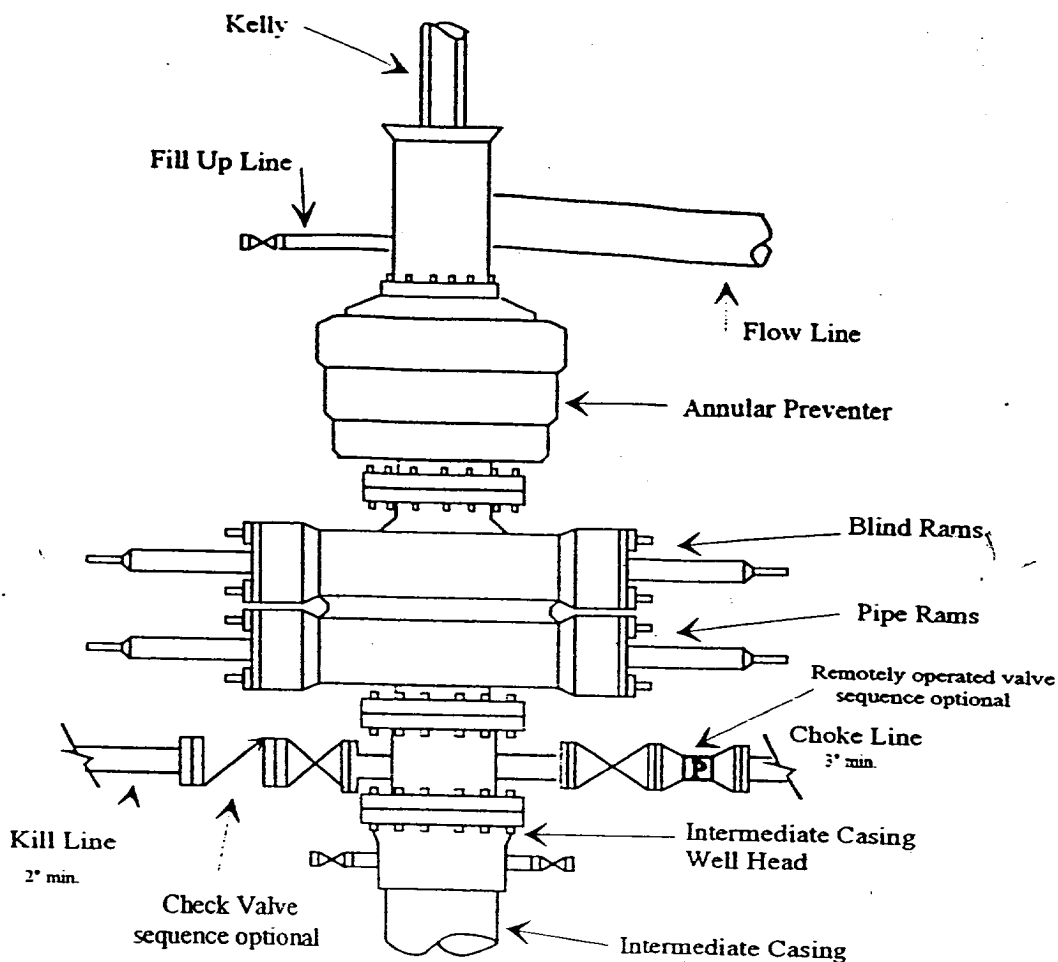
				<p><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><u>Clifton R. May</u> Signature</p> <p><u>CLIFTON R. MAY</u> Printed Name</p> <p><u>REGULATORY AGENT</u> Title</p> <p><u>SEPTEMBER 25, 2002</u> Date</p>
				<p><b>SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p><u>9/24/2002</u> Date Surveyed</p>
				<p><u>VA-1688</u></p>
			<p>N.32°58'56.9" W.103°31'36.2"</p>	
			<p>660'</p> <p>660'</p>	
			<p>  </p>	
			<p>Certificate No. Herschel L. Jones RLS 3640</p> <p>CAROLINA SPECIAL 1</p> <p>GENERAL SURVEYING COMPANY</p>	



# Yates Petroleum Corporation

BOP-4

## Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimum features

