

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised October 18, 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

<sup>1</sup> Operator Name and Address. <b>Yates Petroleum Corporation</b> 105 S. 4th Street Artesia, New Mexico 88210		<sup>2</sup> OGRID Number 025575
		<sup>3</sup> API Number 30-015-30556
<sup>4</sup> Property Code 24126	<sup>5</sup> Property Name Emerald "ASX" State Com.	<sup>6</sup> Well No. 1

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
N	33	16S	27E		660'	South	1980'	West	Eddy

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
<sup>9</sup> Proposed Pool 1 Crow Flat Morrow					<sup>10</sup> Proposed Pool 2 1-22-99 APT & Loc				

<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 3365'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 9,000'	<sup>18</sup> Formation Morrow	<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" 17 1/2"	11 3/4" 13 3/8"	42.0#	400'	300 sx	Circulated
11" 12 1/4"	8 5/8"	24.0#	1500'	700 sx	Circulated
7 7/8"	4 1/2"	11.6#	9000'	400 sx	500' above Wolfcamp.

<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 Morrow and intermediate formations. Approximately 400' of surface casing will be set and cement circulated to shut off gravel and cavings. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

MUD PROGRAM: 0-1500' FW; 1500' to 4700' FW Gel; 4700'-8100' Cut Brine; 8100' to TD Gel/Starch/Drispac.

BOPE PROGRAM: 3000# PSI system will be installed on the 8 5/8" 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:

Printed name: KEN BEARDEMFHL

Title: LANDMAN

Date: January 19, 1999

Phone: 505-748-4348

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: 1-19-99

Expiration Date: 1-19-00

Conditions of Approval:

Attached ☐

Notify N.M.O.C.C. in sufficient

time to witness cementing  
the 8 5/8" casing

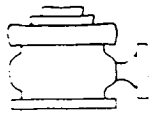
REGISTERED PROFESSIONAL ENGINEER

0412

State of New Mexico

Certificate Number

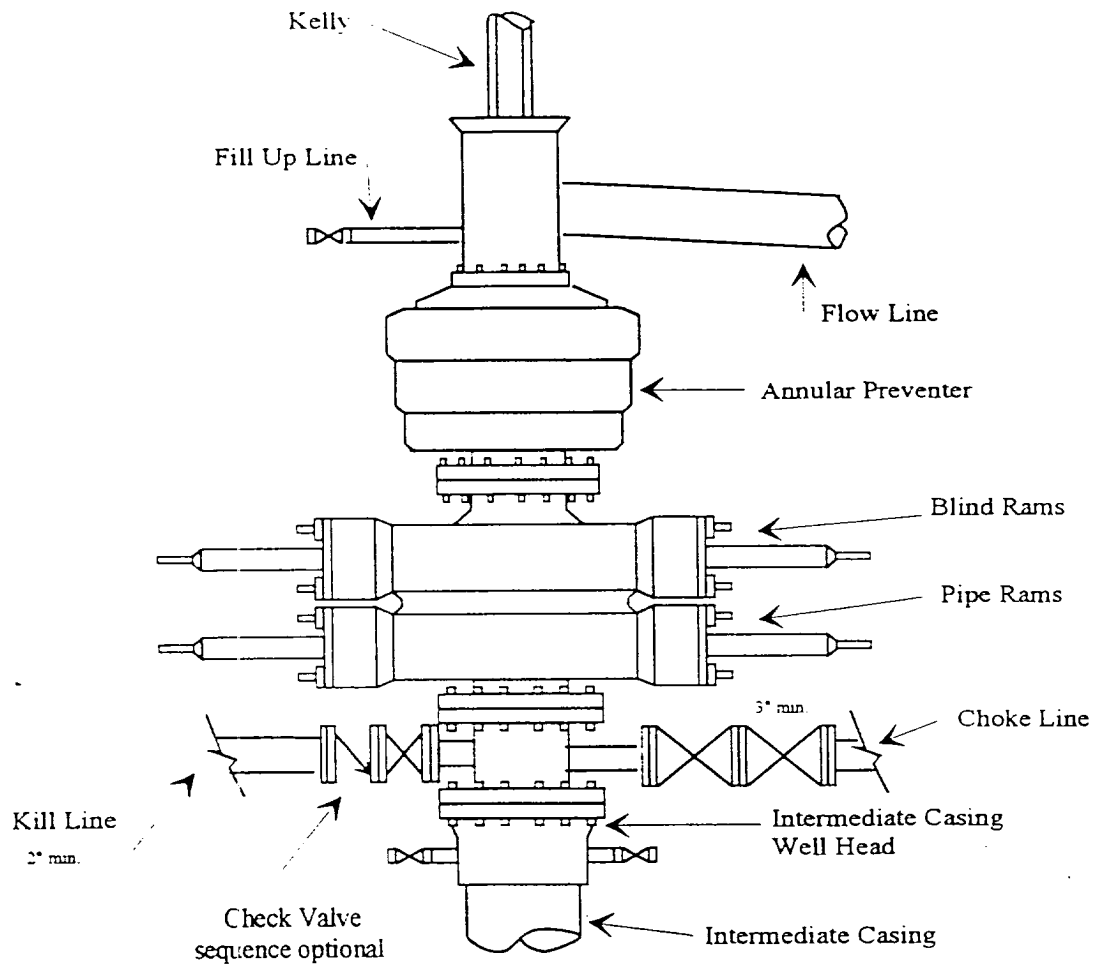
NM REG. ENR. 80-5412



# Yates Petroleum Corporation

BOP-3

## Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimum features

