

# Not Unorthodox. Long Section

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

1000 N. 1st St., Artesia, NM 88210

RECEIVED

OIL CONSERVATION DIVISION

PO BOX 2088

Santa Fe, NM 87504-2088

DISTRICT III

1000 N. 1st St., Aztec, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

OCD-ARTESIA

☐ AMENDED REPORT

LEASE Expires 2/1/04

## 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- 015- 33174
<sup>4</sup> Property Code	<sup>5</sup> Property Name Orval BDQ State Com.	<sup>6</sup> Well No. 1

### <sup>7</sup> Surface Location

UL or lot no. F	Section 32	Township 20S	Range 23E	Lot Idn	Feet from the 2090'	North/South Line North	Feet from the 1093'	East/West Line West	County Eddy
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### <sup>8</sup> Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North
<sup>9</sup> Proposed Pool 1 Chester						

NOTIFY OCD SPUD & TIME TO WITNESS 9 5/8" CASING

<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 4415'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 8715'	<sup>18</sup> Formation Chester	<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"	9 5/8"	36#	1200'	1400 sx	Surface
8 3/4"	5 1/2"	15.5# & 17#	8715'	2050 sx	TOC-1300'
9 5/8" casing to be set at 1200 - 1400'					

<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 production. 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 1800' 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: 0-1800' FW/Air; 1800'-7600' FW/Cut Brine; 7600'-8715' Salt Gel/Starch/4% KCL.

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: <i>Cy Cowan</i>		OIL CONSERVATION DIVISION Approved by: <i>Jim W. Brown</i> Title: SUPERVISOR, DISTRICT IV	
Printed name: Cy Cowan		Approval Date: JAN 14 2004 Expiration Date: JAN 14 2005	
Title: Regulatory Agent		Conditions of Approval	
Date: 01/13/04	Phone: (505) 748-1471	Attached <input type="checkbox"/>	

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

**DISTRICT II**  
811 South First, Artesia, NM 88210

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1000 Rio Brazos Rd., Aztec, NM 87410

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Energy, Minerals and Natural Resources Department

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Fee Lease - 3 Copies

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code	Pool Name Wildcat Chester
Property Code	Property Name ORVAL "BDQ" STATE COM.	Well Number 1
GRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 4415

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	32	20S	23E		2090	NORTH	1093	WEST	EDDY

**Bottom Hole Location If Different From Surface**

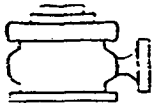
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

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**

	<b>OPERATOR CERTIFICATION</b>  <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>   Signature Cy Cowan  Printed Name Regulatory Agent  Title January 13, 2004  Date
	<b>SURVEYOR CERTIFICATION</b>  <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>  1/06/2004  Date Surveyed  Signature and Seal of Professional Surveyor  Herschel Jones RLS 3640 ORVAL GENERAL SURVEYING COMPANY

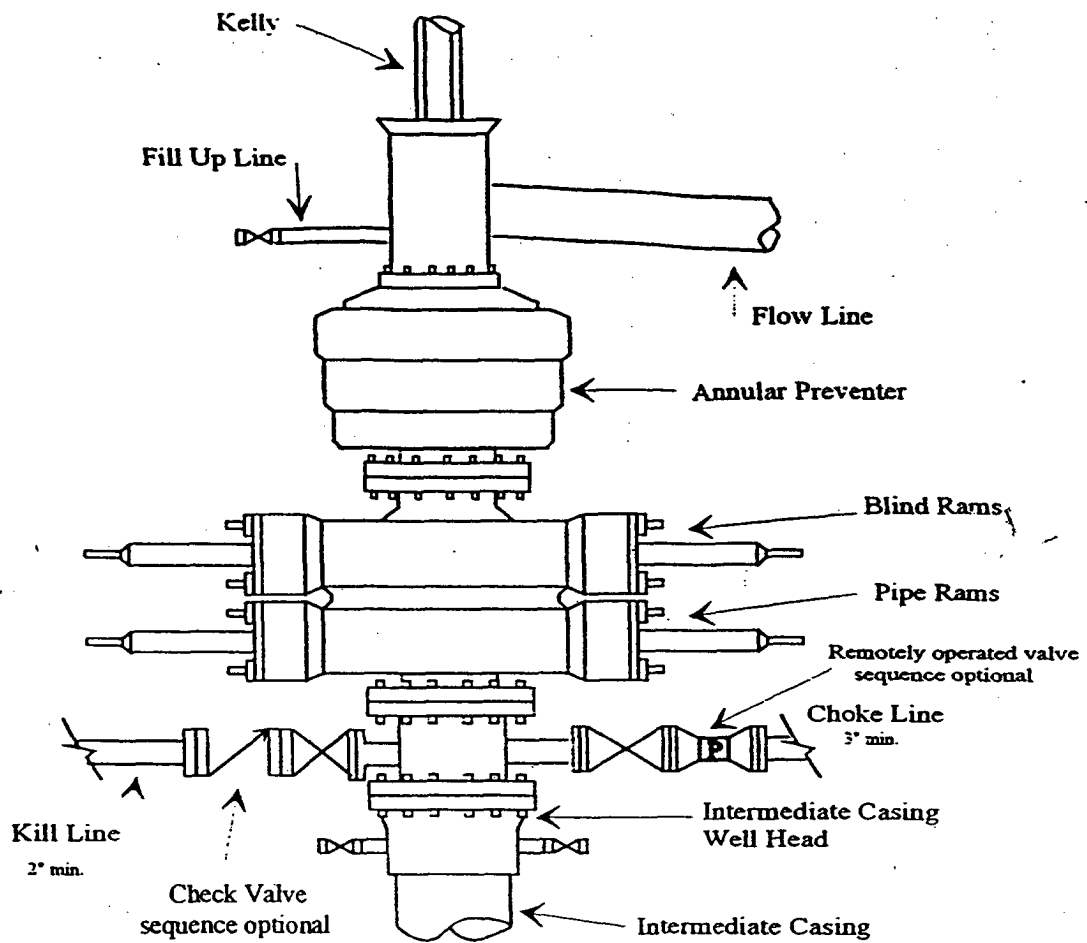
0 330' 660' 990' 1650' 1980' 2310' 2310' 1980' 1650' 990' 660' 330' 0'



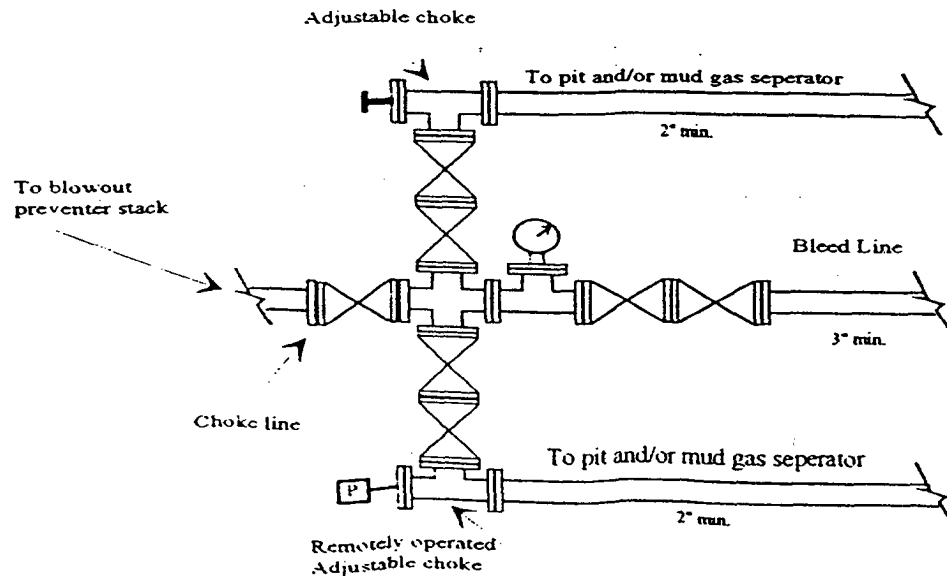
# Yates Petroleum Corporation

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

BOP-4



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



MARTIN YATES, III  
• 1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210-2118  
TELEPHONE (505) 748-1471

S. P. YATES  
CHAIRMAN OF THE BOARD  
JOHN A. YATES  
PRESIDENT  
PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

January 13, 2004

To: Bryan Arant  
From: Cy Cowan

Re: Yates Petroleum Corporation  
Orval BDQ State Com. #1  
H2S Contingency Plan

Sources at Yates Petroleum Corporation have relayed information to me that they believe there will not be enough H2S found from the surface through the Chester Formation to meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.

Thank you,

YATES PETROLEUM CORPORATION

Cy Cowan  
Regulatory Agent