

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

DISTRICT II  
811 South First, Artesia, NM 88210

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

DISTRICT IV  
2040 South Pacheco, Santa Re, NM 87501

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
PO BOX 2088  
Santa Fe, NM 87504-2088



Form C-101  
Revised March 17, 1999  
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 Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210		<sup>2</sup> OGRID Number 025575
		<sup>3</sup> API Number 30- 015- 32983
<sup>4</sup> Property Code	<sup>5</sup> Property Name Duvel BCD State Com.	<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
C	36	21S	21E		660'	North	1980'	West	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 Wildcat Chester					<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 4587'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 8800'	<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
17 1/2"	13 3/8"	48#	400'	500 sx	Surface
12 3/4"	9 5/8"	36#	1500'	600 sx	Surface
8 3/4"	5 1/2"	15.5#& 17#	2300' 8800'	2300 sx	TOC 1000'

<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 Chester 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:** 0-400' FW/Air Mist/Paper; 400'-1500' FW/Air Mist; 1500'-7500' Cut Brine 4% KCL @ 5785'; 7500'-TD' Salt Gel/Starch.

**BOPE PROGRAM:** A 3000# 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:		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Cy Cowan		Approved by:	
Title: Regulatory Agent		Title: District Supervisor	
Date: 09/03/03		Approval Date: SEP 03 2003 Expiration Date: SEP 03 2004	
Phone: (505) 748-1471		Conditions of Approval Attached <input type="checkbox"/>	

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

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DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87506

State of New Mexico  
Energy, Minerals and Natural Resources Department

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Revised March 17, 1999  
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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 DUVEL "BCD" STATE COM.	Well Number 1
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 4587

Surface Location

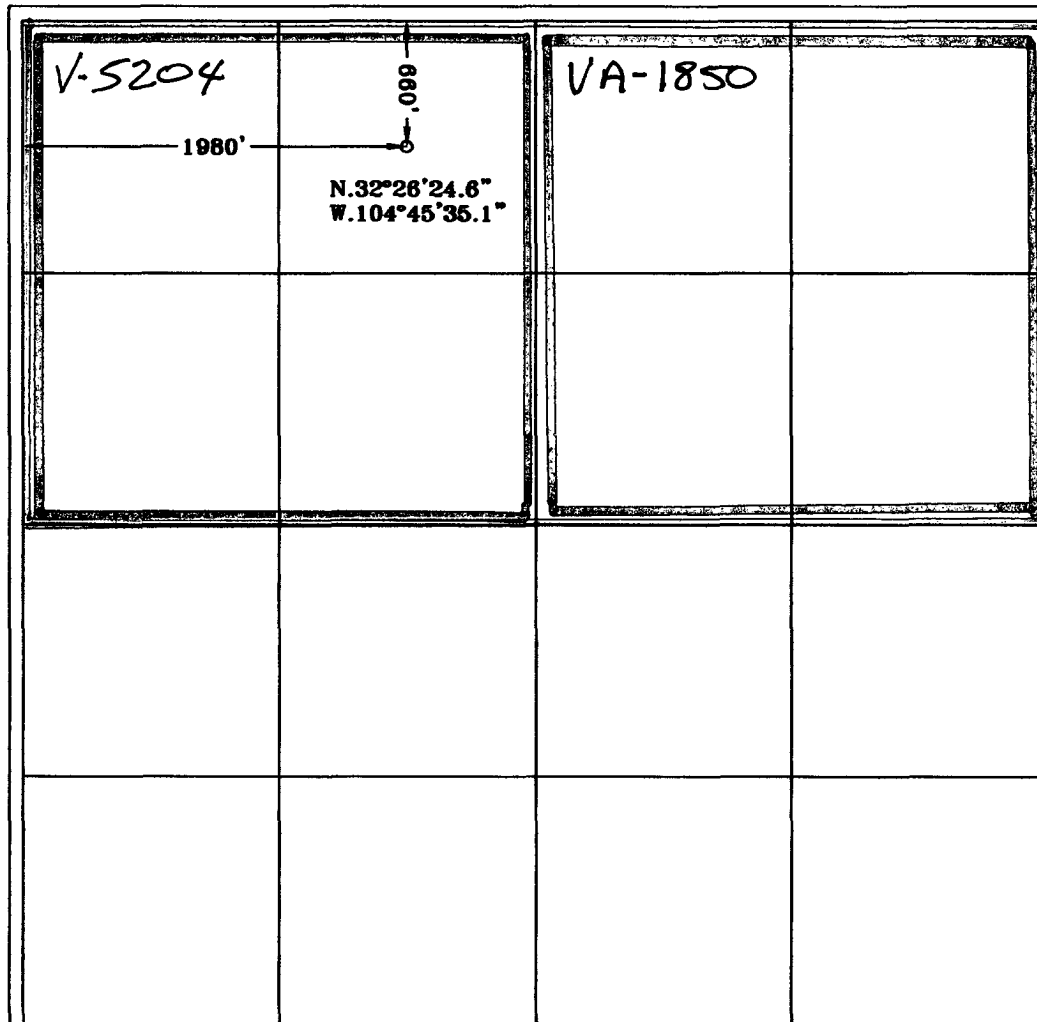
UL or lot No. C	Section 36	Township 21S	Range 21E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 1980	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

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



OPERATOR CERTIFICATION

I hereby certify the the information  
contained herein is true and complete to the  
best of my knowledge and belief.

*Cy Cowan*  
Signature  
Cy Cowan

Printed Name  
Regulatory Agent

Title  
September 3, 2003

Date

SURVEYOR CERTIFICATION

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.

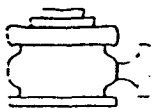
8/11/2003

Date Surveyed

Signature & Seal of  
Professional Surveyor

*Herschel S. Jones*  
Certificate No. Herschel S. Jones RLS 3640  
DUVEL 1  
GENERAL SURVEYING COMPANY

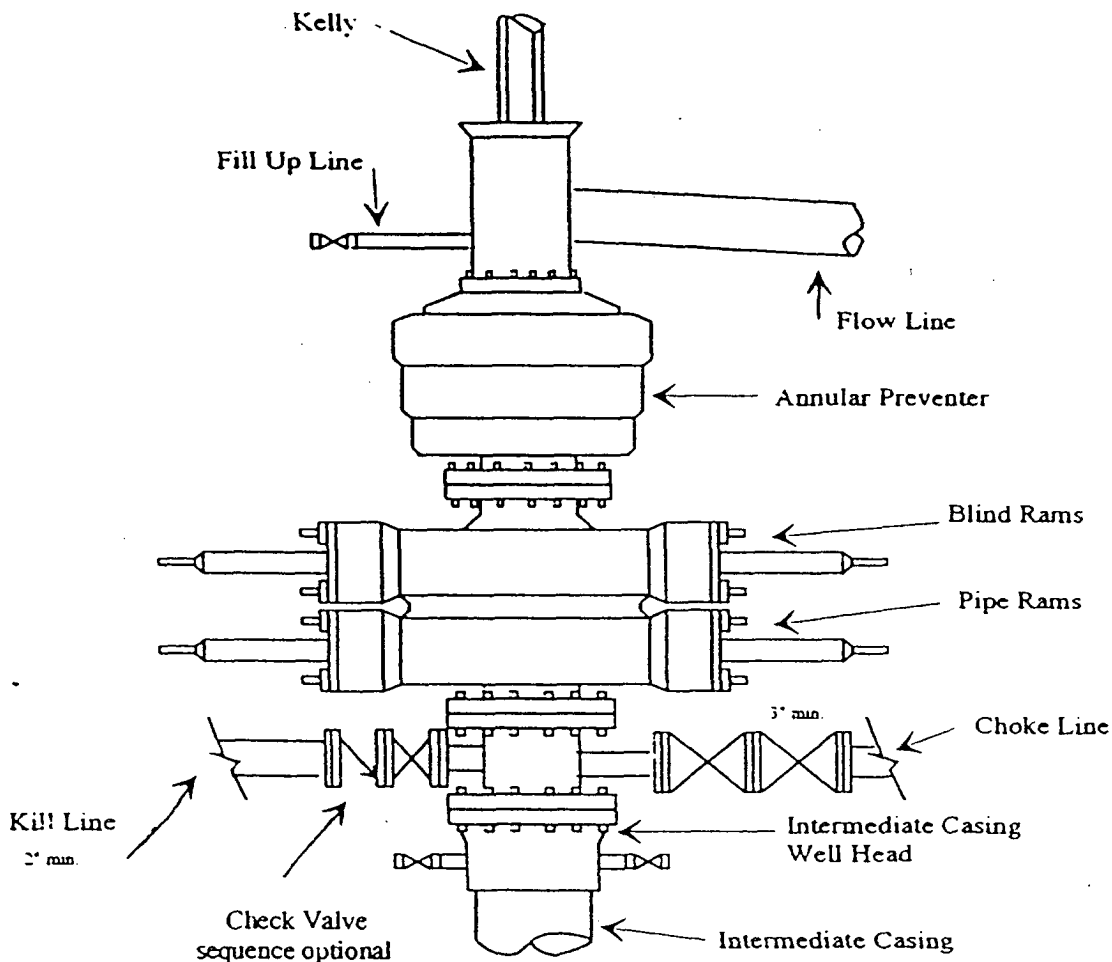
0 330' 660' 990' 1650' 1980' 2310' 2310' 1980' 1650' 990' 660' 330' 0'



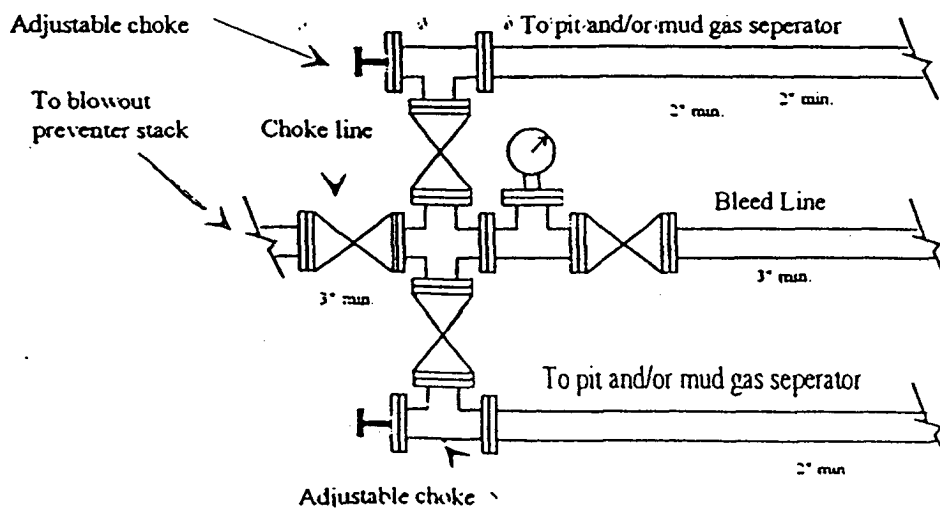
# Yates Petroleum Corporation

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



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

September 3, 2003

To: Bryan Arant NMOCD

From: Cy Cowan

Re: H2S Contingency Plan  
Duvel BCD State Com. #1  
660' FNL and 1980' FWL  
Section 36, T21S-R21E  
Eddy County, New Mexico

Sources at Yates Petroleum Corporation have relayed information to me that they believe there will not be enough H2S found while drilling the captioned well to meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118. Therefore this letter will take the place of the requested contingency plan.

We respectfully request that our permit to drill be approved at your earliest convenience.

Thank you,

YATES PETROLEUM CORPORATION

  
Cy Cowan  
Regulatory Agent

