

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

PO BOX 2088  
Santa Fe, NM 87504-2088

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

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- 015-31649
<sup>4</sup> Property Code 25892	<sup>5</sup> Property Name Tumbledink "AVK" St. Com.	<sup>6</sup> Well No. 2

<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
P	16	18S	25E		660'	South	660'	East	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 Richard Knob; Acker-McCraw			

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3543'
<sup>16</sup> Multiple No	<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
17.5"	13 3/8"	48#	400'	415 sx	Surface
12.25"	9 5/8"	36#	1300'	650 sx	Surface
8.75"	7"	23 & 26#	8800'	As warranted	TOC-4700'

~~8.5/0" will only be set if lost circ. is encountered~~

\*\* Cement to cover all oil, gas and waterbearing zones.

<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/Spud Mud; 400' - 1300' FW; 1300'-7900' Cut Brine; 7900'-TD SGel/Starch.

BOPE PROGRAM: A 3000# 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:

*Cy Cowan*

Printed name:

Cy Cowan

Title:

Regulatory Agent

Date:

03/01/01

Phone:

(505) 748-1471

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT IV SUPERVISOR

Title:

Approval Date:

MAR 13 2001

Expiration Date:

MAR 13 2002

Conditions of Approval

Attached ☐

NOTIFY OCD SPUD & TIME TO WITNESS  
CEMENTING OF INTERMEDIATE CASING

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**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe. NM 87505

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Fee Lease - 3 Copies

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name Wildcat Chester
Property Code	Property Name TUMBLDINK "AVK" STATE COM		Well Number 2
OGRID No. 0125575	Operator Name YATES PETROLEUM CORPORATION		Elevation 3543.

### <sup>10</sup> Surface Location


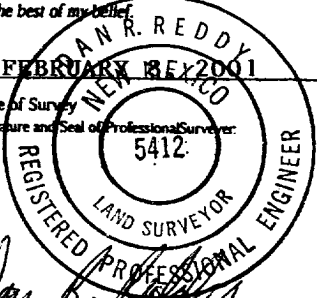
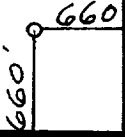
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	16	18-S	25-E		660	SOUTH	660	EAST	EDDY

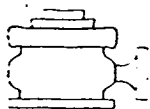
## 11 Bottom Hole Location If Different From Surface

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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<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
320			

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

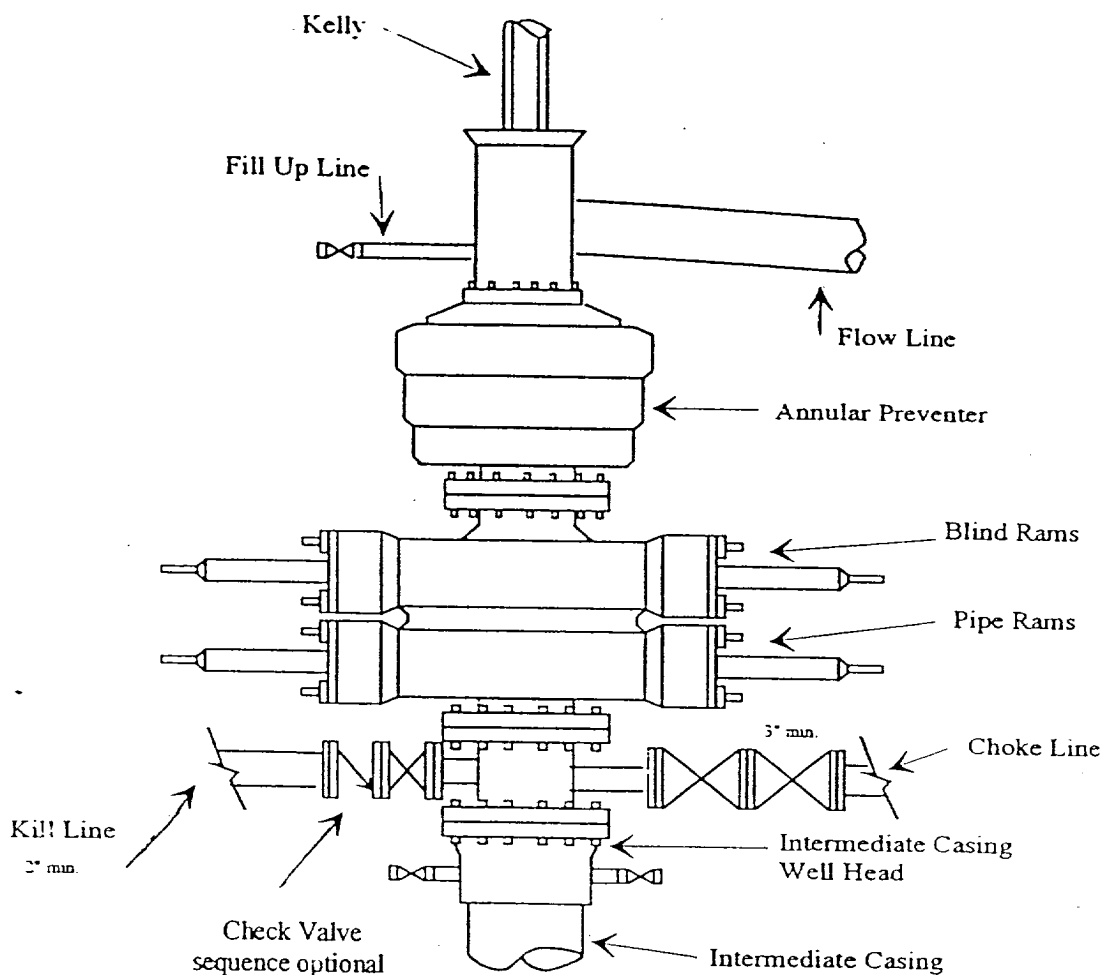
16					<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief   Signature <u>Cy Cowan</u> Printed Name <u>Regulatory Agent</u> Title <u>March 1, 2001</u> Date
					<b>18 SURVEYOR CERTIFICATION</b> I hereby certify 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.   Date of Survey <u>FEBRUARY 15, 2001</u> Signature and Seal of Professional Surveyor: <u>5412</u>   Certificate Number <u>NM PE&amp;PS NO. 5412</u>
	<u>VB-541</u>	<u>V-5867</u>			



# 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

