

4/9/00  
BLM  
SLC  
EOD

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999  
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

Operator Name and Address YATES PETROLEUM CORPORATION 105 South Fourth Street Artesia, New Mexico 88210		OGRID Number 025575
Property Code <b>25437</b>		API Number 30-015-31003
Property Name Aviette ALK State Com.		Well No. 2

Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	17	21S	27E		860'	South	1980'	East	Eddy

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
Proposed Pool 1 <b>BURTON FLAT ; Wildcat, Morrow</b>					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3248'
Multiple N	Proposed Depth 11,800'	Formation Morrow	Contractor Not Determined	Spud Date ASAP

Minimum WOC time / 8 hrs Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	600'	550 sx	Surface
12 1/4"	8 5/8"	24# & 32#	2700'	1200 sx	Surface
7 7/8"	5 1/2"	17#	11800'	1200 <del>500</del> sx	TOC-8500' 22cc'

Sufficient to cover all oil, gas, water bearing zones

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 600' 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: 0-600' FW/Paper; 600'-2700' FW/LCM; 2700'-8900' Cut/Brine; 8900'-10100' Cut Brine/Starch; 10100'-TD Salt Gel/Starch/Drispac.  
BOPE PROGRAM: BOPE will be installed on 8 5/8" casing and tested daily.

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	
Printed name: Cy Cowan		Approved by: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR	
Title: Regulatory Agent		Title:	
Date: March 8, 2000	Phone: (505) 748-1471	Approval Date: 3-10-00	Expiration Date: 3-10-01
Attached <input type="checkbox"/>		Conditions of Approval: Notify OCD at SPUD & TIME to witness cementing the 8 5/8" casing.	

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Energy, Minerals & Natural Resources

Form C-102  
Revised March 17, 1999

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2040 South Pacheco  
Santa Fe, NM 87505

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Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name Wildcat Morrow	
<sup>4</sup> Property Code		<sup>5</sup> Property Name AVIETTE "ALK" STATE COM			<sup>6</sup> Well Number 2
<sup>7</sup> OGRID No. 025575		<sup>8</sup> Operator Name YATES PETROLEUM CORPORATION			<sup>9</sup> Elevation 3248.

<sup>10</sup> Surface Location

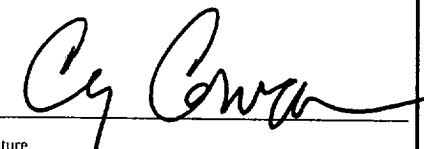
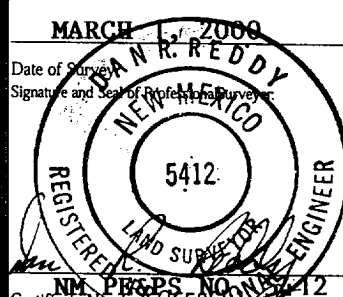
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	17	21-S	27-E		860	SOUTH	1980	EAST	EDDY

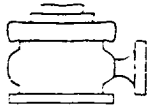
<sup>11</sup> Bottom Hole Location If Different From Surface

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

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

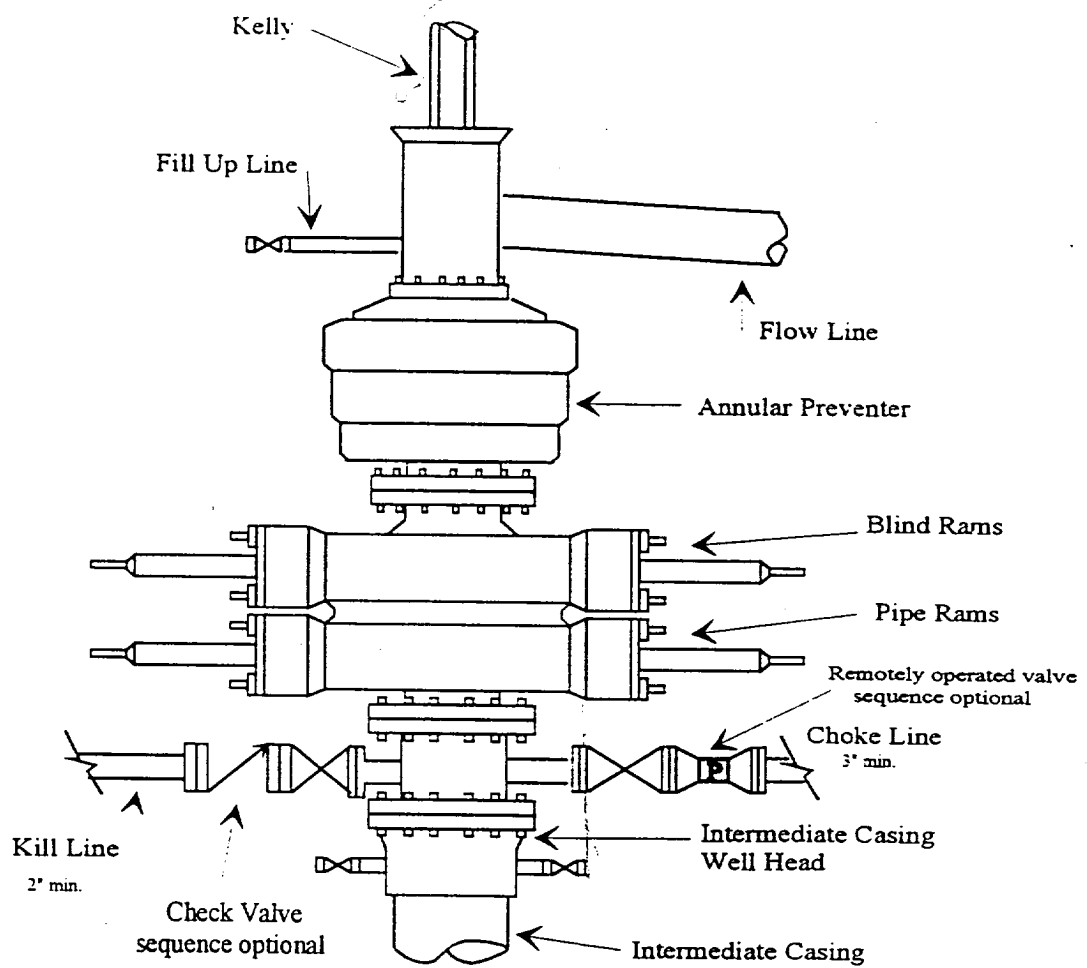
16				<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief   Signature Cy Cowan Printed Name Regulatory Agent Title Date March 8, 2000
	V-3576		L-4677	<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify 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.  MARCH 1, 2000 Date of Survey  Signature and Seal of Professional Engineer REGISTERED LAND SURVEYOR ENGINEER NM PR&PS NO. 12 Certificate Number 17755
			860'	
			1980'	



# ates 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

