

District I.

1625 N French Dr , Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101

June 16, 2008

## Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

**RECEIVED**

Submit to appropriate District Office

DEC 04 2008 ☐ AMENDED REPORT**HOBBSOCD****APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN,  
PLUGBACK, OR ADD A ZONE**

Operator Name and Address  Yates Petroleum Corporation 105 S 4 <sup>th</sup> Street Artesia, NM 88210		<sup>2</sup> OGRID Number 025575
<sup>3</sup> Property Code 34346		<sup>3</sup> API Number 30 - 025-39326
<sup>5</sup> Property Name Skeeter BFB State		<sup>6</sup> Well No. 1
<sup>9</sup> Proposed Pool 1 X-4 Ranch, Mississippian West (Gas)		<sup>10</sup> Proposed Pool 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
C	7	10S	34E	C	990'	North	1980'	West	Lea

<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

## Additional Well Information

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 4235'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 12,600'	<sup>18</sup> Formation Mississippian	<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
17.5	13.375	48#	400' / 1850'	400 sx	0
12.25	9.625	40#	4100'	1400 sx	0
8.75	5.5	17#	12600'	2650 sx	3600

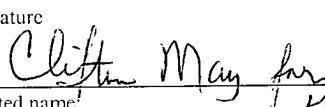
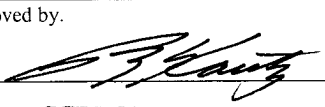
<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and mud column in the productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Yates Petroleum Corporation proposes to drill and test the Mississippian/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. Intermediate casing will be set at 4100'.

Sources at Yates Petroleum Corporation have relayed information to me that they believe there will not be enough H2S anticipated from the surface to the Mississippian formation for the submission of a contingency plan per Rule 118.

MUD PROGRAM: 0-400' FW/Paper; 400'-2105' FW; 2105'-4100' Red Bed Mud/Oil; 4100'-7650' Cut Brine; 7650'-11520' Salt Gel/Oil/Starch; 11520'-TD SW/Starch//4-6% KCL.

BOPE PROGRAM: A 5000# BOPE will be installed on the 9.625" 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		OIL CONSERVATION DIVISION	
Signature 		Approved by. 	
Printed name Debbie L. Caffall		Title: PETROLEUM ENGINEER	
Title Regulatory Agent		Approval Date:	Expiration Date
E-mail Address: debbiec@yatespetroleum.com		JAN 20 2009	
Date December 3, 2008	Phone: (575) 748-4376	Conditions of Approval Attached <input type="checkbox"/>	

PREVIOUSLY APPROVED

**District I**

1625 N. French Dr., Hobbs, NM 88240

**District II**

1301 W. Grand Avenue, Artesia, NM 88210

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410

**District IV**

1220 S. St. Francis Dr., Santa Fe, NM 87505

## State of New Mexico

Energy, Minerals &amp; Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-38191-39326		<sup>2</sup> Pool Code 97437	<sup>3</sup> Pool Name X-4 Ranch, Mississippian, West (Gas)
<sup>4</sup> Property Code 34346	<sup>5</sup> Property Name SKEETER BFB STATE		<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 025575	<sup>8</sup> Operator Name YATES PETROLEUM CORPORATION		<sup>9</sup> Elevation 4235'

<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
C	7	10S	34E		990	NORTH	1980	WEST	LEA

<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 318.38 N/2	<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.

	<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, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.	
	Signature: <u>Clifton R. May</u> Date: <u>11/23/07</u> Printed Name: <u>Clifton R. May</u> Regulatory Agent Title: _____	
	<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.	
	Date of Survey: _____ Signature and Seal of Professional Surveyor: _____ REFER TO ORIGINAL PLAT	
	Certificate Number: _____	

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

# 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 Mississippian	
Property Code	Property Name		Well Number	
	SKEETER "BFB" STATE		1	
OGRID No.	Operator Name		Elevation	
025575	YATES PETROLEUM CORPORATION		4235	

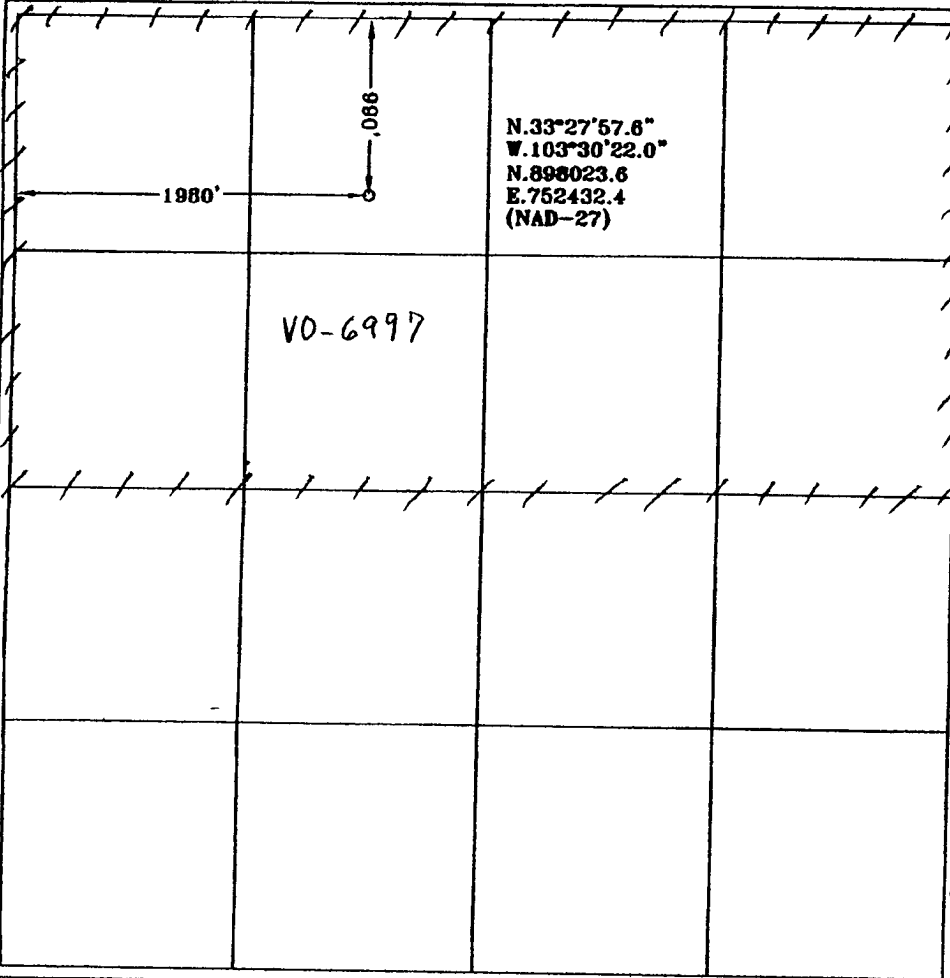
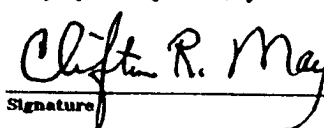
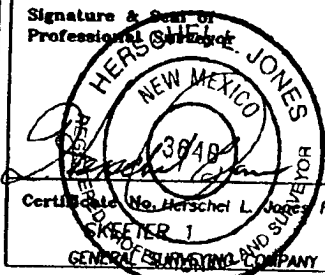
### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	7	10S	34E		990	NORTH	1980	WEST	LEA

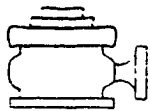
### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres		Joint or Infill		Consolidation Code		Order No.			
318.38									

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

 <p>N.33°27'57.6" W.103°30'22.0" N.898023.6 E.752432.4 (NAD-27)</p> <p>V0-6997</p>				<b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Clifton R. May Printed Name Regulatory Agent Title 12/5/2006 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> 12/07/2004 Date Surveyed Signature & Seal of Professional Surveyor  Certificate No. Herschel L. Jones RLS 3640 SKEETER 1 GENERAL SURVEYING COMPANY	

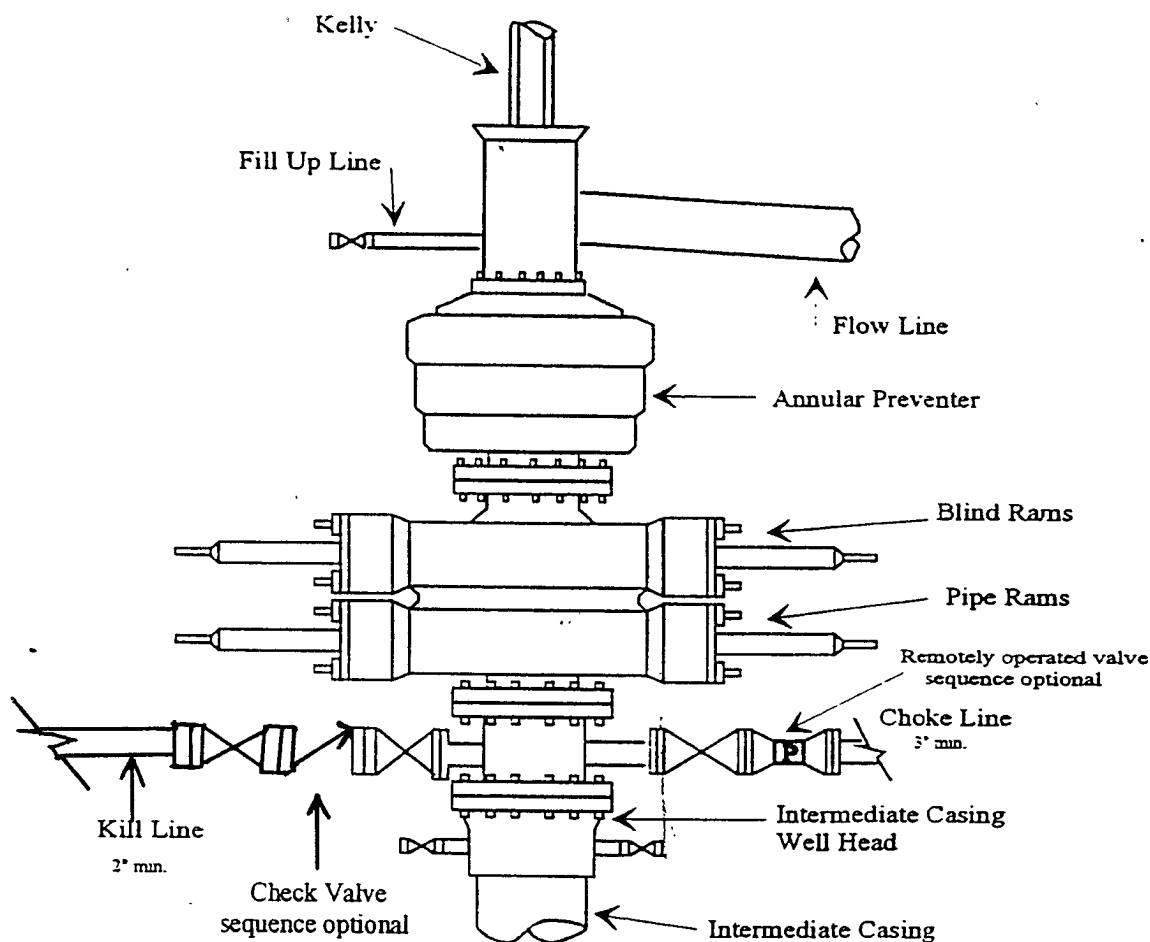
0 330' 660' 990' 1650' 1980' 2310' 2310' 1980' 1650' 990' 660' 330' 0'



# Yates 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

