

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



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

NSL 11/8/99

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

OCT 18 1999

CONSERVATION DIVISION

October 15, 1999

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87508

**CERTIFIED MAIL**  
**Return Receipt Requested**

RE: Application for Unorthodox Location  
Southern Union ATO State #1  
Wildcat Mississippian Pool  
All Section 1, T11S, R34E  
Lea County, New Mexico

Dear Mr. Stogner:

Yates Petroleum Corporation respectfully requests administrative approval for an unorthodox Mississippian gas well, the Southern Union ATD State #1. The proposed well is located on State of New Mexico minerals, 2310' FSL and 330' FEL of Section 1, Township 11 South, Range 34 East.

Yates Petroleum Corporation proposes to re-enter the captioned well which was originally drilled by Supron Energy Corporation and plugged and abandoned as a dry hole in August, 1977. Yates will re-enter this well using a pulling unit and tie back to the 8 5/8" casing at 83', drill out plugs to the 8 5/8" shoe plug at 4142', pressure test the casing, drill out plugs to the bottom plug at approximately 13, 180' and then run 4 1/2" casing and cement with 800 sacks Class H and Lite cement.

Yates concludes that it is cheaper to re-enter this well than to drill a new well and would be in the best interest of conservation.

Notification to the offset operator to the north and east was made by certified mail on October 15, 1999, including a copy of this application letter with all attachments.

Yates requests that this unorthodox location be administratively approved if no objections are received within the cited twenty (20) days as required by OCD regulations, or earlier if waivers are received.

Enclosed are Forms C-101, C-102, land plat and notification list of offset operators including letters of waiver.

Please call me at (505) 748-4351 if you need further information.

Thank you.

Very truly yours,

YATES PETROLEUM CORPORATION

*Robert Bullock*  
Robert Bullock  
Landman

RB:bn  
enclosure(s)

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TREASURER

October 15, 1999

Attn: Mr. Ken Barbe  
Manzano Oil Corporation  
PO Box 2107  
Roswell, New Mexico 88202-2107

**CERTIFIED MAIL**  
*Return Receipt Requested*

RE: Offset Operator Notification  
Unorthodox Location  
Southern Union ATO State #1  
Township 11 South, Range 34 East  
Section 1: 2310' FSL & 330' FEL  
Lea County, New Mexico

Gentlemen:

Yates Petroleum Corporation plans to re-enter the existing wellbore at the unorthodox location described above. This location does not comply with the well spacing requirements set forth in NMOCD Rule 104.C(2)(b) (Revised 8/12/99).

If you have no objections to this unorthodox location, please signify your approval by signing one copy of this letter in the space provided below and returning same to the undersigned. Any objection must be filed in writing with the NMOCD within twenty (20) days from the date of this notice.

Very truly yours,

YATES PETROLEUM CORPORATION

Robert Bullock  
Landman

RB:bn  
enclosure(s)

The undersigned hereby waives any objection to the unorthodox location proposed by Yates Petroleum Corporation

**MANZANO OIL CORPORATION**

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

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



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TELEPHONE (505) 748-1471

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DENNIS G. KINSEY  
TREASURER

October 15, 1999

O.F. Featherstone II  
Featherstone Development Corporation  
1801 W. 2nd Street  
Roswell, New Mexico 88201

**CERTIFIED MAIL**  
*Return Receipt Requested*

RE: Offset Operator Notification  
Unorthodox Location  
Southern Union ATO State #1  
Township 11 South, Range 34 East  
Section 1: 2310' FSL & 330' FEL  
Lea County, New Mexico

Gentlemen:

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Very truly yours,

YATES PETROLEUM CORPORATION

Robert Bullock  
Landman

RB:bn  
enclosure(s)

The undersigned hereby waives any objection to the unorthodox location proposed by Yates Petroleum Corporation

**O.F. FEATHERSTONE**  
**FEATHERSTONE DEVELOPMENT CORPORATION**

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

*Notification List  
Offset Operators*

*Manzano Oil Corporation  
Po Box 2107  
Roswell, New Mexico 88202-2107*

*O.F. Featherstone II.  
Featherstone Development Corporation  
1801 W. 2nd Street  
Roswell, New Mexico 88201*

<p>Tom Brown Mar. St. TD 10081</p> <p>State</p> <p>Yates Pet, etal 5 - 1 - 2003 V - 5301 15 63</p> <p>Maxwell, etal Mar. St. Lam. State</p> <p>32</p> <p>State</p>	<p>Tipperary State TD 104034 DIA 8-30-77</p> <p>State</p> <p>Yates Pet, etal 5 - 1 - 2003 V - 5302 15 63</p> <p>33</p> <p>State</p>	<p>Diamond E. Hall, Inc. (S)</p> <p>State</p> <p>Yates Pet, etal 2 - 1 - 2000 VA - 1395 15 63</p> <p>105-39F</p> <p>O.F. Featherstone, 75% Featherstone Dev. Corp. 1 - 1 - 2000 VA - 1312 34 82</p> <p>Diamond E. Hall, Inc. (S)</p> <p>State</p>	<p>MWJ State TD 10336 DIA 1-1-81</p> <p>State</p> <p>Yates Pet 3 - 1 - 20 VA - 134 15 63</p> <p>35</p> <p>State</p>
<p>Pet. Reserves 3 - 1 - 88 V - 683, 1217 90.48 AC</p> <p>Yates Pet, etal 10 - 1 - 90 V - 1612 87 81</p> <p>(SE, SPE, G) Yates Pet. Texas American Uses Atoka Disc. TD 576</p> <p>State</p>	<p>Yates Pet, etal V - 1611</p> <p>State</p>	<p>Yates Pet, etal 1 - 1 - 2000 VA - 1315 16 22</p> <p>State</p>	<p>(Chi Eng.) V - 4556 Montano Snake Eyes St. (Tri. Serv.) (McKnight - SL) TD 13447 (DIA 11-13-68) Abq. Disc. F75</p> <p>State</p>
<p>Yates Pet, etal 5 - 1 - 2003 V - 5305 15 63</p> <p>State</p>	<p>Yates Pet, etal 5 - 1 - 2003 V - 5303 15 63</p> <p>12</p> <p>State</p>	<p>Yates Pet, etal 1 - 1 - 2000 VA - 1316 16 22</p> <p>7</p> <p>State</p>	<p>Yates P 1 - 1 - 2000 VA - 1314 15 63</p> <p>Tri. Serv. Atoka St. TD 164</p> <p>State</p>
<p>Yates Pet, etal 5 - 1 - 2003 V - 5305 15 63</p> <p>State</p>	<p>Yates Pet, etal 5 - 1 - 2003 V - 5304 15 63</p> <p>13</p> <p>State</p>	<p>Yates Pet, etal 3 - 1 - 2000 V - 4599 16 22</p> <p>18</p> <p>State, M.I.</p>	<p>Signal West Ranger Lake Unit TD 13460 DIA 11-26-64</p> <p>State, M.I.</p>
<p>Meridian V - 4253 127 22</p> <p>So. Roy. (Shenandoah) Sun-St Atoka Disc. C.A. Mill. C.A. 11-78</p> <p>23</p> <p>State</p>	<p>Yates Pet, etal 4 - 1 - 2001 V - 4834 37 26</p> <p>24</p> <p>State</p>	<p>Yates Pet, etal 8 - 1 - 2000 V - 4711 15 22</p> <p>State, M.I.</p>	<p>Meridian Oil 4 - 1 - 99 V - 4376 22 80</p> <p>State</p>
<p>Yates Pet, etal 10 - 1 - 2003 VA - 1845 15 63</p> <p>Huber Gulf St. TD 12461 DIA 9-24-64</p> <p>Bogle Ltd. State</p>	<p>Yates Pet, etal 10 - 1 - 2003 VA - 1845 15 63</p> <p>25</p> <p>State</p>	<p>Yates Pet, etal 1 - 1 - 2000 V - 4711 15 22</p> <p>State, M.I.</p>	<p>Yates Pet, etal 2 - 1 - 2004 V - 5467 40 63</p> <p>State, M.I.</p>
<p>Yates Pet, etal 10 - 1 - 2003 VA - 1845 15 63</p> <p>Huber Gulf St. TD 12461 DIA 9-24-64</p> <p>Bogle Ltd. State</p>	<p>Yates Pet, etal 10 - 1 - 2003 VA - 1845 15 63</p> <p>26</p> <p>State</p>	<p>Yates Pet, etal 10 - 1 - 2003 VA - 1845 15 63</p> <p>27</p> <p>State</p>	<p>Yates Pet, etal 10 - 1 - 2003 VA - 1845 15 63</p> <p>28</p> <p>State</p>
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<p>Yates Pet, etal 10 - 1 - 2003 VA - 1845 15 63</p> <p>Huber Gulf St. TD 12461 DIA 9-24-64</p> <p>Bogle Ltd. State</p>	<p>Yates Pet, etal 10 - 1 - 2003 VA - 1845 15 63</p> <p>38</p> <p>State</p>	<p>Yates Pet, etal 10 - 1 - 2003 VA - 1845 15 63</p> <p>39</p> <p>State</p>	<p>Yates Pet, etal 10 - 1 - 2003 VA - 1845 15 63</p> <p>40</p> <p>State</p>
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<p>Yates Pet, etal 10 - 1 - 2003 VA - 1845 15 63</p> <p>Huber Gulf St. TD 12461 DIA 9-24-64</p> <p>Bogle Ltd. State</p>	<p>Yates Pet, etal 10 - 1 - 2003 VA - 1845 15 63</p> <p>95</p> <p>State</p>	<p>Yates Pet, etal 10 - 1 - 2003 VA - 1845 15 63</p> <p>96</p> <p>State</p>	<p>Yates Pet, etal 10 - 1 - 2003 VA - 1845 15 63</p> <p>97</p> <p>State</p>
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District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
October 18, 1994  
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. <b>Yates Petroleum Corporation</b> 105 S. 4th Street Artesia, New Mexico 88210		<sup>2</sup> OGRID Number 025575
		<sup>3</sup> API Number 30 - 0
<sup>4</sup> Property Code	<sup>5</sup> Property Name Southern Union ATO State	<sup>6</sup> Well No. 1

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
I	1	11S	34E		2310'	South	330'	East	Lea

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
<sup>9</sup> Proposed Pool 1 Wildcat Mississippian					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code E	<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 4201'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 13,370'	<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 1/2"	13 3/8"	54.5#	352'	In Place	---
11"	8 5/8"	24#	4142'	In Place	---
7 7/8"	4 1/2"	11.6#	TD	800 sx	Circulate back
					to 8 5/8".

<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 re-enter this well using a pulling unit. Well originally P/A'd by Supron Energy Corp. as the Tenneco State #1 on 8/23/77. Yates will tie back to the 8 5/8" casing at 83', drill out plugs to the 8 5/8" shoe plug at 4142' pressure test casing, drill out plugs to the bottom plug at approx. 13,180', run 4 1/2" casing and cement with 800 sacks Class H and Lite cement.

Mud to be used is 9.3 ppg., Cut Brine, 28-33 vis.

BOPE PROGRAM: 5000# 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:

*Ken Beardemphl*

Printed name: Ken Beardemphl

Title: Landman

Date: October 14, 1999

Phone: (505) 748-1471

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code		Pool Name Wildcat Mississippian	
Property Code		Property Name Southern Union ATO State			Well Number 1
OGRID No. 025575		Operator Name Yates Petroleum Corporation			Elevation 4201'

<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
I	1	11S	34E		2310'	South	330'	East	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 388	<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>16</sup> 				<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: Printed Name: Ken Beardemphl Title: Landman Date: October 14, 1999	
				<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 Surveyer:  REFER TO ORIGINAL PLAT  Certificate Number:	

# NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-105  
Superseded C-105  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>SOUTHERN UNION PRODUCTION COMPANY</b>		Lease <b>TENNECO STATE</b>		Well No. <b>1</b>
Unit Letter <b>I</b>	Section <b>1</b>	Township <b>11 South</b>	Range <b>34 East</b>	County <b>Lea</b>
Actual Footage Location of Well: <b>2310</b> feet from the <b>South</b> line and <b>330</b> feet from the <b>East</b> line				
Ground Level Elev. <b>4201</b>	Producing Formation	Pool <b>UNDESIGNATED</b>	Dedicated Acreage: <b>40</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

Twp. 10 S. Twp. 11 S.			
LOT 4	LOT 3	LOT 2	LOT 1

## CERTIFICATION

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

Name  
*Madison J. Blythe*  
Position  
**Operations Supervisor**  
Company  
**Southern Union Production Company**

Date  
**November 17, 1975**

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 knowledge and belief.

Date Surveyed  
**November 14, 1975**

Registered Professional Engineer  
and/or Land Surveyor

*W. W. P. [Signature]*  
Certificate No. **1500**

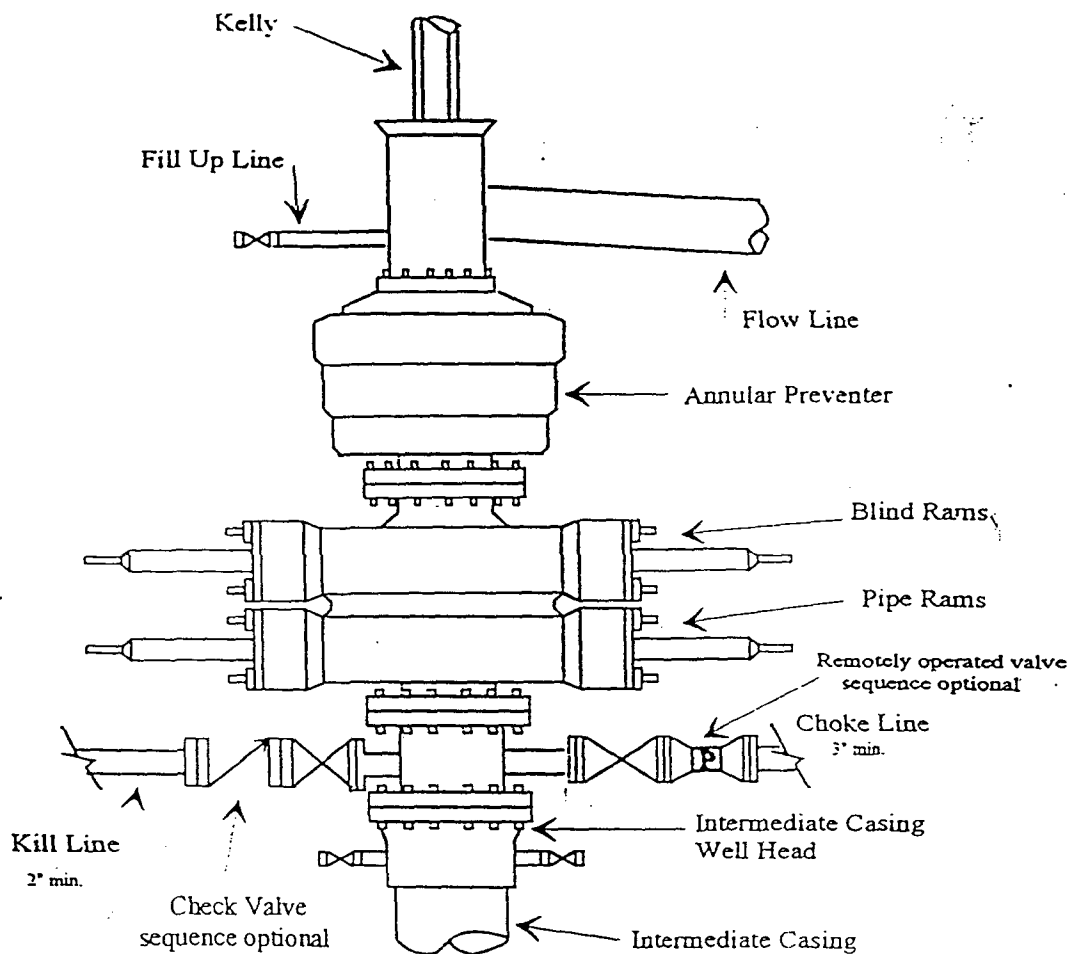




# Yates Petroleum Corporation

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

