

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



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

D.H.C. 2/3/97  
1431  
S. P. YATES  
CHAIRMAN OF THE BOARD  
JOHN A. YATES  
PRESIDENT  
PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

January 10, 1996

David Catanach  
State of New Mexico  
OIL CONSERVATION DIVISION  
2040 S. Pacheco Street  
Santa Fe, NM 87505-5472

Dear Mr. Catanach,

Enclosed are the necessary documents for obtaining approval for the downhole commingling of the Alphabet Unit #2 located in Unit F of Section 17, Township 21 South, Range 34 East, Lea County.

Should you have any questions, feel free to contact me at (505) 748-1471.  
Thank you.

Sincerely,

Morris Keith  
Engineer

MK/th

Enclosures

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TREASURER

January 10, 1996

Jerry Sexton  
State of New Mexico  
OIL CONSERVATION DIVISION  
P. O. Drawer 1980  
Hobbs, NM 88240

Dear Mr. Sexton,

Enclosed are the necessary documents for obtaining approval for the downhole commingling of the Alphabet Unit #2 located in Unit F of Section 17, Township 21 South, Range 34 East, Lea County.

Should you have any questions, feel free to contact me at (505) 748-1471.  
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TREASURER

January 10, 1996

Burlington Resources Oil & Gas Company  
P. O. Box 840656  
Dallas, TX 75284-0656

Ladies and Gentlemen,

Yates Petroleum Corporation has made an application for administrative approval for downhole commingling for the Alphabet Unit #2 located in Unit F of Section 17, Township 21 South, Range 34 East, Lea County. Please find attached application. This will serve as notification to an offset operator.

Should you have any questions, or need additional information, please do not hesitate to contact me at (505) 748-1471.

Sincerely,

Morris Keith  
Operations Engineer

MK/th

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TREASURER

January 10, 1996

Amerada Hess Corporation  
P. O. Box 201544  
Houston, TX 77216-1544

Ladies and Gentlemen,

Yates Petroleum Corporation has made an application for administrative approval for downhole commingling for the Alphabet Unit #2 located in Unit F of Section 17, Township 21 South, Range 34 East, Lea County. Please find attached application. This will serve as notification to an offset operator.

Should you have any questions, or need additional information, please do not hesitate to contact me at (505) 748-1471.

Sincerely,

Morris Keith  
Operations Engineer

MK/th

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

811 South First St., Artesia, NM 88210-2835

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410-1893

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-A  
New 3-12-96

OIL CONSERVATION DIVISION

2040 S. Pacheco  
Santa Fe, New Mexico 87505-6429

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Yates Petroleum Corporation 105 S. Fourth Street Artesia, NM 88210

Operator Address

Alphabet Unit 2 F-17-21S-34E Lea

Lease Well No. Unit Ltr. - Sec - Twp - Rge County

OGRID NO. 025575 Property Code 018664 API NO. 30-025-21342 Federal State (and/or) Fee

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Wildcat Wolfcamp		Bone Springs 96556 230/200
2. Top and Bottom of Pay Section (Perforations)	12,244'-12,303'		9239'-9249'
3. Type of production (Oil or Gas)	Oil		Oil
4. Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a. (Current) 4050 b. (Original)	a.  b.	a. 3650 b.
6. Oil Gravity ( API) or Gas BTU Content	44° API @ 60°F		43.6° API @ 60°F
7. Producing or Shut-in?	Shut-in		Producing
Production Marginal? (yes or no)	Yes		Yes
* If Shut-in, give date and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: 11-22-96 Rates: 20 BOPD 30 BWPD 50 MCFGPD	Date: Rates:	Date: Rates:
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: Rates:	Date: Rates:	Date: 12-16-96 Rates: 13 BOPD 3 BWPD 57 MCFGPD
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Oil: 60% Gas: 50%	Oil: % Gas: %	Oil: 40% Gas: 50%

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No  
If not, have all working, overriding, and royalty interests been notified by certified mail? ☐ Yes ☐ No  
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No
11. Will cross-flow occur? ☐ Yes ☒ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☐ Yes ☐ No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No
13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau Land Management has been notified in writing of this application. ☒ Yes ☐ No
15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S).
16. ATTACHMENTS:
- \* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
  - \* Production curve for each zone for at least one year. (If not available, attach explanation.)
  - \* For zones with no production history, estimated production rates and supporting data.
  - \* Data to support allocation method or formula.
  - \* Notification list of all offset operators.
  - \* Notification list of working, overriding, and royalty interests for uncommon interest cases.
  - \* Any additional statements, data, or documents required to support commingling.

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

SIGNATURE Morris Keith TITLE Operations Engineer DATE 1-10-97  
TYPE OR PRINT NAME Morris Keith TELEPHONE NO. (505) 748-1471

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-10  
Revised February 10, 199  
Instructions on bac  
Submit to Appropriate District Office  
State Lease - 4 Copie  
Fee Lease - 3 Copie

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-21342		Wildcat Wolfcamp
Property Code	Property Name	Well Number
018664	Alphabet Unit	2
OGRID No.	Operator Name	Elevation
025575	Yates Petroleum Corporation	3745 DF

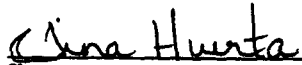
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	17	21S	34E		1980	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	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						
40									

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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>   Signature Tina Huerta Printed Name Operations Technician Title 1/10/97 Date
				<sup>18</sup> SURVEYOR CERTIFICATION <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>  REFER TO ORIGINAL PLAT Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number

Production curves for each zone are not available. The Wildcat Wolfcamp never produced.

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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

<sup>1</sup> API Number 30-025-21342	<sup>2</sup> Pool Code 96556	<sup>3</sup> Pool Name Bone Springs
<sup>4</sup> Property Code 018664	<sup>5</sup> Property Name Alphabet Unit	<sup>6</sup> Well Number 2
<sup>7</sup> OGRID No. 025575	<sup>8</sup> Operator Name Yates Petroleum Corporation	<sup>9</sup> Elevation 3745 DF

<sup>10</sup> Surface Location

UL or lot no. F	Section 17	Township 21S	Range 34E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 1980	East/West line West	County Lea
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<sup>11</sup> Bottom Hole Location If Different From Surface

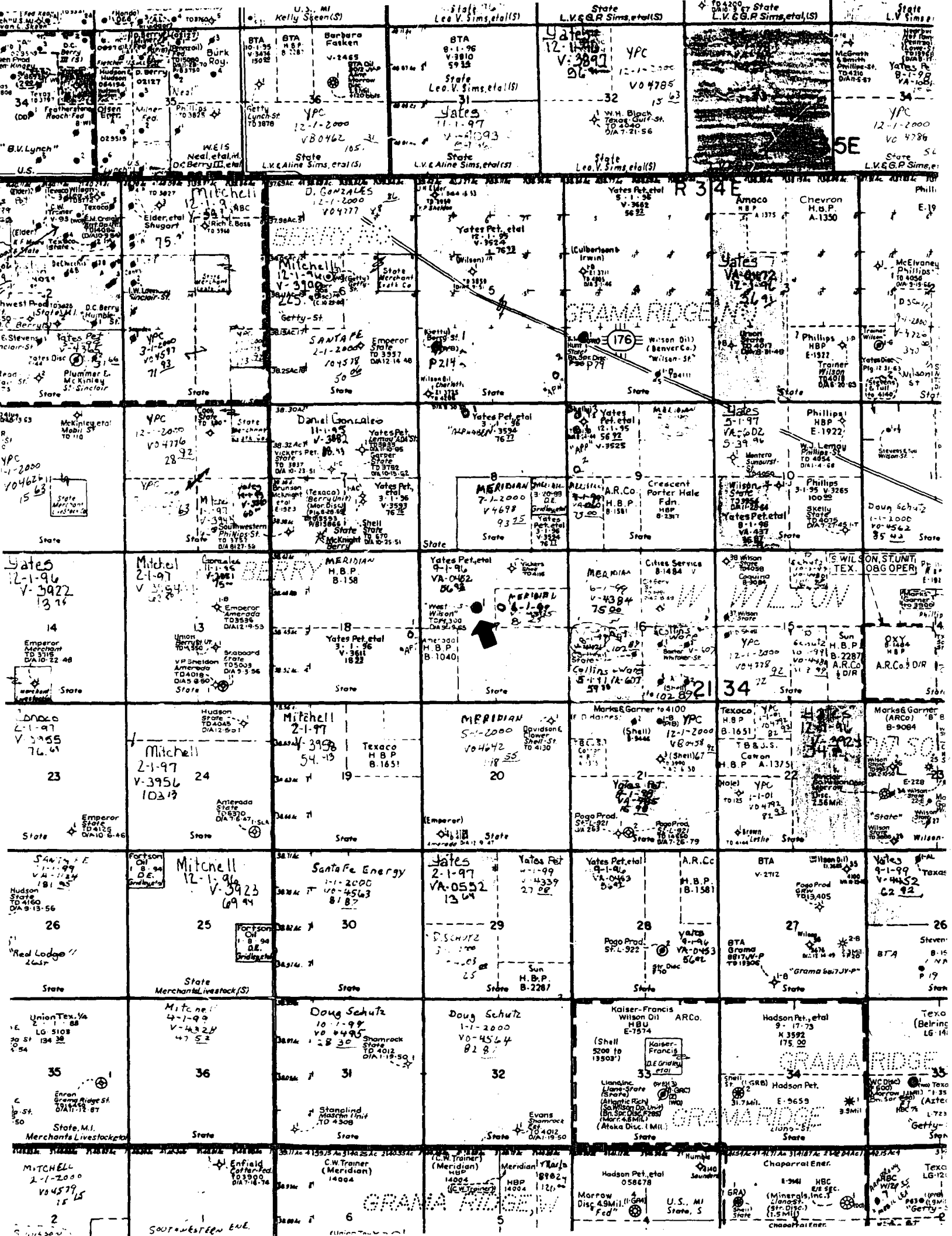
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
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Production curves for each zone are not available. The Bone Springs produced for 1 month only.



**YATES PETROLEUM CORPORATION**  
**APPLICATION FOR ADMINISTRATIVE APPROVAL**  
**DOWNHOLE COMMINGLING**  
**ALPHABET UNIT #2**  
**LEA COUNTY, NEW MEXICO**

Amerada Hess Corporation  
P. O. Box 201544  
Houston, TX 77216-1544

Burlington Resources Oil & Gas Company  
P. O. Box 840656  
Dallas, TX 75284-0656