

# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### GARY E. JOHNSON

Governor
Betty Rivera
Cabinet Secretary

Supervisor, District 1

8/15/02

Lori Wrotenbery
Director
Oil Conservation Division

Oil Conservation Division 1220 S. Francis Drive Santa Fe, NM 87505	
RE: Proposed:  MC DHC NSL  NSP SWD WFX PMX	DHC-3D35
Gentlemen:	
I have examined the applicate Sates Petroleum Coperator and my recommendations are a	ora Mocha State Unit 1-C-2-13s-340 Ledse & Well No. Unit S-T-R API #30-025-3576
Yours very truly,	Ches
Chris Williams	

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ABOVE THIS LINE FOR DIVISION USE ONLY

#### NEW MEXICO OIL CONSERVATION DIVISION



#### - Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505 ADMINISTRATIVE APPLICATION CHECKLIST THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE **Application Acronyms:** [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response] TYPE OF APPLICATION - Check Those Which Apply for [A] [1] Location - Spacing Unit - Simultaneous Dedication □ NSL □ NSP □ SD Check One Only for [B] or [C] Commingling - Storage - Measurement [B] ☐ CTB ☐ PLC ☐ PC ☐ OLS [x] DHC Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [C]☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR Other: Specify NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply [2] Working, Royalty or Overriding Royalty Interest Owners [A] Offset Operators, Leaseholders or Surface Owner [B]Application is One Which Requires Published Legal Notice [C] Notification and/or Concurrent Approval by BLM or SLO [D]U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office For all of the above, Proof of Notification or Publication is Attached, and/or, [E] Waivers are Attached [F] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE [3] OF APPLICATION INDICATED ABOVE. CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division. Note: Statement must be completed by an individual with managerial and/or supervisory capacity. Engineering Supervisor 7/23/02 Operations f)ate Print or Type Name

e-mail Address

#### District I

1625 N. French Drive, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised May 15, 2000

#### District II

811 South First Street, Artesia, NM 88210

**District III** 1000 Rio Brazos Road, Aztec, NM 87410

District IV 2040 South Pacheco, Santa Fe, NM 87505

#### OIL CONSERVATION DIVISION

2040 South Pacheco Santa Fe, New Mexico 87505

APPLICATION TYPE X Single Well **Establish Pre-Approved Pools** EXISTING WELLBORE X Yes No

#### APPLICATION FOR DOWNHOLE COMMINGLING

2040 South Pacifico, Saina PC, NM 87505						
Yates Petroleum Corporation		105 South Fourth Street				
Operator	<del></del> -	Address				
Mocha State Unit	1	C Sec2-T13S,R34E			<u>Lea</u>	
Lease	Well No.	Unit Letter-Section-Township-Range			County	
OGRID No. <u>025575</u>	Property Code	API No <u>30-025-35761</u>	_ Federal _	State X_	_ Fee	

DATA ELEMENT	UPPER	ZONE	INTERMI	EDIATE ZONE	LOWER	R ZONE
Pool Name	Wildcat Morrow	_			Austin Cycle (W Mississippian) 7723	WILACAT AUST
Pool Code						
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	12,290-12,346'				12,393-12,440'	
Method of Production (Flowing or Artificial Lift)	Flowing				Flowing	
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)						
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1145				1151	
Producing, Shut-In or New Zone	Shut In				Shut In	
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: 07/16/02 Rates: 410 mcfd ½ bw ½ bo	pd	Date: Rates:		Date: 06/01/02 Rates: 455 mcfc ½ by	мpd
Fixed Allocation Percentage (Note: If allocation is based upon something other	Oil	Gas	Oil	Gas	Oil	Gas
than current or past production, supporting data or explanation will be required )	50 %	47.4 %	%	%	50%	52.6%

#### ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	Yes X Yes	No
Are all produced fluids from all commingled zones compatible with each other?	Yes <u>X</u>	No
Will commingling decrease the value of production?	Yes	_ No <u>_ X</u>
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes X	No
NMOCD Reference Case No. applicable to this well:	-	
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 working, royalty and overriding royalty interests for uncommon interest cases.  Any additional statements, data or documents required to support commingling.		

#### PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.

Bottomhole pressure data.

I hereby certify that the information above is true and	ad complete to the best of my knowledge and belief.	
SIGNATURE Pour Attal	TITLE Operations Engineering Supervisor 07-23-2002	
I hereby certify that the information above is true and SIGNATURE  TYPE OR PRINT NAME Ray Stall	TELEPHONE NO. 505-748-4174	

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



### 105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (505) 748-1471

JOHN A. YATES
PRESIDENT
PEYTON YATES
EXELUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY

S. P. YATES
CHAIRMAN OF THE BOARD

TREASURER

July 23, 2002

Chris Williams
State of New Mexico
OIL CONSERVATION DIVISION
1625 N. French Street
Hobbs NM 88240

Dear Mr. Williams,

Yates Petroleum Corporation hereby seeks administrative approval to downhole commingle the production from the Wildcat Morrow and the Austin Cycle (Wildcat Mississippian) in our Mocha State #1 located in Unit C of Section 2, Township 13 South, Range 34 East, Lea County.

If you have any questions or need additional information, please call me at (505) 748-4174. Thank you.

Sincerely,

Ray Stall

Operations Engineering Supervisor

Roystall

RS/cm

Enclosures

000 sqoph

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



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

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

July 23, 2002

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

Dear Mr. Catanach,

Yates Petroleum Corporation hereby seeks administrative approval to downhole commingle the production from the Wildcat Morrow and the Austin Cycle (Wildcat Mississippian) in our Mocha State #1 located in Unit C of Section 2, Township 13 South, Range 34 East, Lea County.

If you have any questions or need additional information, please call me at (505) 748-4174. Thank you.

Sincerely,

Ray Hall
Ray Stall

**Operations Engineering Supervisor** 

RS/cm

**Enclosures** 

xc: NMOCD - Artesia

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



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

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EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

July 18, 2002

Pete Martinez State of New Mexico Commissioner of Public Lands P. O. Box 1148 Santa Fe, NM 87504-1148

Dear Mr. Martinez,

Pursuant to the State Land Office Rule Nos. 1.053, 1.054 and 1.055, you will find enclosed the \$30.00 filing fee and a copy of the commingling application for the Mocha State #1 in Unit C, Section 2, Township 13 South, Range 34 East, Lea County New Mexico.

Should you have any questions, feel free to contact me at (505) 748-4174. Thank you.

Sincerely,

Ray Stall

Operations Engineering Supervisor

RS/cm

50 NG District I PO Box 1980, Hobbs, NM 88241-1980 District II

PO Drawer DD, Artesia, NM #211-9719 District III

1000 Rie Brazos Rd., Aztec, NM 87410

District (V PO Box 2088, Santa Fe, NM 27504-2083

State of New Mexico Energy, Minerals & Natural Resources Department

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

Form C-101

Revised February 10, 199-

Instructions on bac: Submit to Appropriate District Office

State Lease - 4 Copic. Fee Lease - 3 Copies

AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code 30-025-35761 Wildcat Morrow \* Property Cude <sup>3</sup> Property Name Wal Number Mocha State Unit 1 Operator Name OGRID No. · Elevation Yates Petroleum Corporation 025575 4162.5 KB <sup>10</sup> Surface Location UL or lot no. Range North/Seath Rec Section Township Lot Ida Feet from the Feet from the East/West fine County C2 13S 34E 1100 North 1980 West Lea 11 Bottom Hole Location If Different From Surface UL or lot so. ومنصود Township Lot Ida Foot from the Range Yerth South line Feet from the East West line County 320 u Decicated Acres 12 Joint or laid 14 Consolidation Code 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 OPERATOR CERTIFICATION I hereby certify that the information contained herein is 8 true and complete to the best of my browledge and beild 1980 N33° 13' 24.6" W.103°29 00.6 Cherry Matchus Operations Technician Date "SURVEYOR CERTIFICATION I heretry cerufy that the well location shown on this plat was plotted from field notes of schial surveys made by me or under my supervision, and that the same is true and correct to the best of my besief. REFER TO ORIGINAL PLAT Date of Survey Signature and Seat of Professional Surveyor: Caruficate Number

Discrict I PO Box 1980, Hobbs, NM 88241-1980 District [] PO Drawer DD, Artesia, NM #211-9719 District III 1000 Rie Brazos Rd., Aztec, NM 17410

PO Box 2088, Santa Fe, NM 87504-2088

District IV

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 Copies

AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDIC

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All working, royalty and overriding roylalty interests in this well are common.

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