114440086 DHC 6/11/

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



105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (505) 748-1471

B C F I

May 16, 2001

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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 Atoka and Morrow pools in our Echo AWF Federal #1 located in Unit C of Section 15, Township 21 South, Range 21 East, Eddy County.

If you have any questions or need additional information, please call me at (505) 748-4219. Thank you.

Sincerely,

James M. Zill

James M. Hill Operations Engineer

JMH/sd

Enclosures

Little Bex Compa Morrow

xc: NMOCD – Artesia Bureau of Land Management - Carlsbad S. P. YATES CHAIRMAN OF THE BOARD JOHN A. YATES PRESIDENT PEYTON YATES EXECUTIVE VICE PRESIDENT RANDY G. PATTERSON SECRETARY DENNIS G. KINSEY TREASURER

251Y

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-9719 District III 1000 Rio Brazos Rd., Aztec, NM 87459 District IV PO Box 2088, Santa Fe, NM 87504-2088

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State of New Mexico Energy, Minerais & Natural Resources Department

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

Form C-102 Revised February 10, 199-Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

WELL	LOCATION	AND	ACREAGE	DEDICATION PLAT	

	PI Numbe	Ŧ		¹ Pool Code		Pool Name						
30-015-						Atoka						
* Property C	Jude		* Property Name * Weil Number								Wel Number	
	Echo AWF Federal 1									1		
OGRID N	vo.				' 01	perator	Name					* Elevation
025575		Yat	es Pet	roleum	Corpor	atio	n					4731
					¹⁰ Sur	face	Location					
UL or lot Do.	Section	Township	Range	Lot Ida	Feet from	the	North/South Size	Fee	t from the	East/Wes	t line	County
С	15	21S	21E		1250	0	North		1500	West		Eddy
			¹¹ Bot	tom Hole	e Locati	ion I	f Different Fro	om	Surface	·······		
UL or jot no.	Section	Township	Range	Lot Ida	Feet from	a the	North/South line	Fa	at from the	East/Wes	t line	County
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District I

District II

811 South First Street, Artesia, NM 88210

bbs, NM 88240

District III 1000 Rio Brazos Road, Aztec, NM 87410

40 South Pacheco, Santa Fe, NM 87505

District IV

State of New Mexico Energy, Minerals and Natural Resources Department Form C-107A Revised May 15, 2000

OIL CONSERVATION DIVISION

2040 South Pacheco Santa Fe, New Mexico 87505 APPLICATION TYPE <u>X</u> Single Well Establish Pre-Approved Pools EXISTING WELLBORE <u>X</u> Yes <u>No</u>

APPLICATION FOR DOWNHOLE COMMINGLING

Yates Petroleum Corporation		105 South Fourth Street	
Operator		Address	
Echo AWF Federal	1	C $15 - 21S - 21E$	Eddy
Lease	Well No.	Unit Letter-Section-Township-Range	County

OGRID No.	025575	Property Code	API No.	30-015-31547	Lease Type:	<u>X</u>	Federal	State	_ Fee
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DATA ELEMENT	UPPER ZONE	INTERMEL	DIATE ZONE	LOWE	R ZONE
Pool Name	Atoka			Morrow	
Pool Code					
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	7342-7370'			7695-7710'	
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)	1092 BTU			1057 BTU	
Producing, Shut-In or New Zone	New Zone			New Zone	
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: 04/25/01 Rates: 20.1 MCFD	Date: Rates:		Date: 04/19/0 Rates: 30.6 M	•
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 40 % 40	% Oil %	Gas %	Oil 60 %	Gas 60 %

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 Yes	<u>X</u>	No 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	X
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 complete to the best of my knowledge and belief.

	•	,		
SIGNATURE James M. Hill		Operations Engineer	DATE	May 16, 2001
TYPE OR PRINT NAME James M. Hill		TELEPHONE N	O. 50	5-748-4219

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Production curves for the Atoka and the Morrow are not available.

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