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S. P. YATES

CHAIRMAN OF THE BOARD JOHN A. YATES

PRESIDENT

PEYTON YATES

EXECUTIVE VICE PRESIDENT RANDY G. PATTERSON SECRETARY

DENNIS G. KINSEY TREASURER

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



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

April 28, 1998

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C. MSERVATION DELLE A

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 Martin ARH #1 located in Unit J of Section 27, Township 17 South, Range 26 East, Eddy County.

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

Sincerely,

Kay

Ray Stall **Operations Engineer**

RS/th

Enclosures



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

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

April 28, 1998

Tim Gum State of New Mexico OIL CONSERVATION DIVISION 811 South First Street Artesia, NM 88210

Dear Mr. Gum,

Enclosed are the necessary documents for obtaining approval for the downhole commingling of the Martin ARH #1 located in Unit J of Section 27, Township 17 South, Range 26 East, Eddy County.

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

Sincerely,

Ray Hall

Ray Stall Operations Engineer

RS/th

•

Enclosures

<u>DISTRICT I</u>	State of Ne Energy, Minerals and Natur	Form C-107-A New 3-12-96			
P.O. Box 1980, Hobbs, NM 88241-1980			New 3-12-96		
DISTRICT II	OIL CONSERVA	TION DIVISION	APPROVAL PROCESS:		
811 South First St., Artesia, NM 88210-2835	2040 S. F Santa Fe, New Me		X Administrative Hearing		
DISTRICT III	Salita re, niew me	xicu 67909-0429	EXISTING WELLBOR		
000 Rio Brazon Rd, Aztec, NM 87410-1893	APPLICATION FOR DOW	NHOLE COMMINGLING	<u>X</u> YES <u>N</u>		
Yates Petroleum Corporation	105 S. Fourth Street	Artesia, NM 88210			
Dperator	Address				
Martin ARH	1 J 27	-17S-26E Ed	dy		
0230	Well No. Unit Ltr Se	ic - Twp - Rge Cour			
DGRID NO. <u>025575</u> Property Cod	e <u>20843</u> api no. <u>30-0</u>) <u>15-29592</u> Federal	Spacing Unit Lease Types: (check 1 or more), State, (and/or) Fee X		
The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone		
1. Pool Name and Pool Code	Kennedy Farms Upper Penn 79525 'And,	Atoka Und	Kennedy Farms Morrow 79520		
2. Top and Bottom of Pay Section (Perforations)	8202'-8210' 8327'-8333'		8563'-8568' 8626'-8646'		
3. Type of production (Oil or Gas)	Gas	Gas	Gas		
4. Method of Production (Flowing or Artificial Lift)	Flowing	Flowing	Flowing		
5. Bottomhole Pressure	a. (Current)	a.	a. (Current)		
Oil Zones - Artificial Lift: Estimated Current					
Gas & Oil - Flowing: Measured Current	b. (Original) ORIGINAL MEASURED	b.	b. (Original) ORIGINAL MEASURED		
All Gas Zones: Estimated Or Measured Original	BHP = 1905 PSI		BHP = 1178 PSI		
6. Oil Gravity (API) or Gas BTU Content	1212 BTU Content	N/A	N/A		
7. Producing or Shut-In?	Producing	Shut-In	Shut-In		
Production Marginal? (yes or no)	Yes	Yes	Yes		
* If Shut-In, give date and oil/gas/water rates of last production	Date:	Date: 3-24-98 (6 HR. TEST)	Date: 2-5-98		
last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data		Rates: 0 BOPD 0 BWPD	Rates: 0 BOPD 0 BWPD		
		45 MCFGPD	41 MCFGPD		
 If Producing, give date and oil/gas/water rates of recent test 	Date: 4-22-97	Date:	Date:		
(within 60 days)	Rates: 0 BOPD 0 BWPD 67 MCCCPD	Rates:	Rates:		
B. Fixed Percentage Allocation	67 MCFGPD Oit: Gas:	Oil: Gas:	Dii: Gas:		
Formula -% for each zone (total of %'s to equal 100%)	43.8% 43.8%	29.4% 29.4%	26.8% 26.8%		

- 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? If not, have all working, overriding, and royalty interests been notified by certified mail? Have all offset operators been given written notice of the proposed downhole commingling?
- <u>X</u> Yes <u>No</u> Yes <u>No</u> X Yes No
- 11. Will cross-flow occur? X 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. X Yes No (If No, attach explanation)

Martin	ARH	#1
Page 2		

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12. Are all produced fluids from all commingled zones compatible with each other? <u>X</u> Yes No
13. Will the value of production be decreased by commingling? Yes X 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. ————————————————————————————————————
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 <u>Ray Hall</u> TITLE <u>Operations Engineer</u> DATE <u>4-28-35</u>
TYPE OR PRINT NAME Ray Stall TELEPHONE NO 748-4174

District I PO Box 1988, Hobbs, NM 88241-1980 District II PO Drawer DD, Artenia, 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, Minerais & 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

	API Number Pool Code Pool Name									
30-015-	-29592		7	9525		Kennedy Farms Upper Penn				
* Property	Code	P. 14 11 (199)	an a			* Property Name * Well Numi				
20843		2.00 1000	n an		Martin	Martin ARH 1				
'OGRID	No.	a final set	alaa taasa Taa	under name beiten.	' Operato	" Operator Name				
025575		Yat	tes Pet	roleum	Corporati	Sec. 18	3328			
	1. 16-2				¹⁰ Surface	Location				
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County	
J	27	17S	26E		1980	South	1980	East	Eddy	
		-		tom Hol	e Location	If Different Fro	om Surface			
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County	
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IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABLED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed contact the appropriate OCD district office. Independent subdivision surveys will not be acceptable.

- 1. The OCD assigned API number for this well
- 2. The pool code for this (proposed) completion
- 3. The pool name for this (proposed) completion
- 4. The property code for this (proposed) completion
- 5. The property name (well name) for this (proposed) completion
- 6. The well number for this (proposed) completion
- 7. Operator's OGRID number
- 8. The operator's name
- 9. The ground level elevation of this well
- The surveyed surface location of this well measured from the section lines NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD unit letter.
- Proposed bottom hole location. If this is a horizontal hole indicate the location of the end of the hole.
- 12. The calculated acreage dedicated to this completion to the nearest hundredth of an acre
- Put a Y if more than one completion will be sharing this same acreage or N if this is the only completion on this acreage
- 14. If more than one lease of different ownership has been dedicated to the well show the consolidation code from the following table:
 - C Communitization
 - U Unitization
 - F Forced pooling
 - O Other
 - P Consolidation pending

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!

15.

Write in the OCD order(s) approving a non-standard location, non-standard spacing, or directional or horizontal drilling This grid represents a standard section. You superimpose a non-standard section over this grid. O the dedicated acreage and the separate leases within dedicated acreage. Show the well surface location bottom hole location, if it is directionally drilled, wit dimensions from the section lines in the cardinal direct (Note: A legal location is determined from the perpendidistance to the edge of the tract.) If this is a high any horizontal hole show that portion of the well bore to open within this pool.

Show all lots, lot numbers, and their respective acres

If more than one lease has been dedicated to completion, outline each one and identify the ownersh to both working interest and royalty.

The signature, printed name, and title of the pe authorized to make this report, and the date this docus was signed.

The registered surveyors certification. This section (not have to be completed if this form has been previc accepted by the OCD and is being filed for a change of or dedicated acreage. Production curves are not available for all zones. The Kennedy Farms Upper Penn produced for only 2 months.

•

District I PO Box 1980, Hobbs, NM \$8241-1980 District II PO Drawer DD, Artesia, NM 88211-9719 District III 1000 Rio Brazos Rd., Aztoc, NM 87410 District IV

PO Box 2088, Santa Fe, NM 87504-2088

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, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

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	'OGRID No.									* Elevation	
025575		Yat	tes Petroleum Corporation							3328	
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- 1. The OCD assigned API number for this well
- 2. The pool code for this (proposed) completion
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- 8. The operator's name
- 9. The ground level elevation of this well
- The surveyed surface location of this well measured from the section lines NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD unit letter.
- Proposed bottom hole location. If this is a horizontal hole indicate the location of the end of the hole.
- 12. The calculated acreage dedicated to this completion to the nearest hundredth of an acre
- Put a Y if more than one completion will be sharing this same acreage or N if this is the only completion on this acreage
- 14. If more than one lease of different ownership has been dedicated to the well show the consolidation code from the following table:
 - C Communitization
 - U Unitization F Forced pool
 - F Forced pooling O Other
 - P Consolidati
 - P Consolidation pending

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!

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Write in the OCD order(s) approving a non-standard location, non-standard spacing, or directional or horizontal drilling This grid represents a standard section. You superimpose a non-standard section over this grid. C the dedicated acreage and the separate leases within dedicated acreage. Show the well surface location bottom hole location, if it is directionally drilled, with dimensions from the section lines in the cardinal direct (Note: A legal location is determined from the perpendid distance to the edge of the tract.) If this is a high an horizontal hole show that portion of the well bore to open within this pool.

Show all lots, lot numbers, and their respective acres

If more than one lease has been dedicated to completion, outline each one and identify the ownersh to both working interest and royalty.

The signature, printed name, and title of the pe authorized to make this report, and the date this docur was signed.

The registered surveyors certification. This section (not have to be completed if this form has been previo accepted by the OCD and is being filed for a change of or dedicated acreage. Production curves are not available for all zones. The Atoka never produced.

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District I PO Box 1990, Hobbs, NM 85241-1980 District II PO Drawer DD, Artesia, NM 85211-9719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV PO Box 2083, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

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AMENDED REPORT

		WE	LL LO	CATION	N AND ACE	REAGE DEDI	CATION PI	LAT		
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30-015-	29592			79520 Kennedy Farms Morrow						
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New Mexico Oil Conservation Division C-102 Instructions

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- Proposed bottom hole location. If this is a horizontal hole indicate the location of the end of the hole.
- 12. The calculated acreage dedicated to this completion to the nearest hundredth of an acre
- Put a Y if more than one completion will be sharing this same acreage or N if this is the only completion on this acreage
- 14. If more than one lease of different ownership has been dedicated to the well show the consolidation code from the following table:
 - C Communitization
 - U Unitization
 - F Forced pooling
 - 0 Other
 - P Consolidation pending

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!

 Write in the OCD order(s) approving a non-standard location, non-standard spacing, or directional or horizontal drilling This grid represents a standard section. You superimpose a non-standard section over this grid. O the dedicated acreage and the separate leases within dedicated acreage. Show the well surface location bottom hole location, if it is directionally drilled, wit dimensions from the section lines in the cardinal direct (Note: A legal location is determined from the perpendi distance to the edge of the tract.) If this is a high any horizontal hole show that portion of the well bore th open within this pool.

Show all lots, lot numbers, and their respective acres

If more than one lease has been dedicated to completion, outline each one and identify the ownersh to both working interest and royalty.

The signature, printed name, and title of the peauthorized to make this report, and the date this docun was signed.

The registered surveyors certification. This section d not have to be completed if this form has been previou accepted by the OCD and is being filed for a change of p or dedicated acreage. Production curves are not available for all zones. The Kennedy Farms Morrow produced only a few months.

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<u>YATES PETROLEUM CORPORATION</u> <u>APPLICATION FOR ADMINISTRATIVE APPROVAL</u> <u>DOWNHOLE COMMINGLING</u> <u>MARTIN ARH #1</u> <u>EDDY COUNTY, NEW MEXICO</u>

Nortex, Inc. P. O. Box 2267 Midland, TX 79702

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Sun Oil Company P. O. Box 2880 Dallas, TX 75221

Western Oil Producers, Inc. P. O. Box 1498 Roswell, NM 88202-1498 Hanson Operating Company 400 N. Pennsylvania Roswell, NM 88201

Enron Oil & Gas Company P. O. Box 2267 Midland, TX 79702



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

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

April 28, 1998

Nortex, Inc. P. O. Box 2267 Midland, TX 79702

Ladies and Gentlemen,

Yates Petroleum Corporation has made an application for administrative approval for downhole commingling for the Martin ARH #1 located in Unit J of Section 27, Township 17 South, Range 26 East, Eddy 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) 748-4174.

Sincerely,

Ruptil

Ray Stall Operations Engineer

RS/th



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

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

April 28, 1998

Hanson Operating Company 400 N. Pennsylvania Roswell, NM 88201

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Sincerely,

Ray Hall

Ray Stall Operations Engineer

RS/th



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

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

April 28, 1998

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Sun Oil Company P. O. Box 2880 Dallas, TX 75221

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Ray Atall

Ray Stall Operations Engineer

RS/th



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

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

April 28, 1998

(as 1199)

Enron Oil and Gas Company P. O. Box 2267 Midland, TX 79702

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105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210 TELEPHONE (505) 748-1471 S. P. YATES CHAIRMAN OF THE BOARD JOHN A. YATES PRESIDENT PEYTON YATES EXECUTIVE VICE PRESIDENT RANDY G. PATTERSON SECRETARY DENNIS G. KINSEY TREASURER

April 28, 1998

Western Oil Producers, Inc. P. O. Box 1498 Roswell, NM 88202-1498

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