

DATE IN <i>10/27/09</i>	SUSPENSE	ENGINEER <i>Jones</i>	LOGGED IN <i>10/29/09</i>	TYPE <i>DHC</i>	APP NO. <i>0930227761</i>
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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



yates
Starklised #2

ADMINISTRATIVE APPLICATION CHECKLIST *30-005-63539*

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]**

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
 X DHC CTB PLC PC OLS OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR
- [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or X Does Not Apply
- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **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.

Margrethe Hotter	<i>Margrethe Hotter</i>	Area Engineer	10/27/09
Print or Type Name	Signature	Title	Date
		<u>mhotter@yatespetroleum.com</u>	
		e-mail Address	

District I
1625 N. French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE
 Single Well
Establish Pre-Approved Pools
EXISTING WELLBORES
 Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

AMENDED

105 South Forth Street, Artesia, NM 88210

Yates Petroleum Corporation

Operator Starkissed AWS State Address DAC-4219 96061
96081
97312

Lease 2 Well No. Unit E- Section 3 - 10S-27E Chaves County

OGRID No. 025575 Property Code 28461 API No. 30-005-63539 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	W-C Stream (G) Stream Pump	Wildcat Mississippian Gas	Wildcat; Wolfcamp (Gas)
Pool Code	20730 97636	97338 50371	97489 ✓
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6,386-6,510'	6,562-6,580'	5,672-5,676'
Method of Production (Flowing or Artificial Lift)	Flowing	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)			
Producing, Shut-In or New Zone	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: Rates:	Date: Rates:	Date: Rates:
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 Allocation % will be Submitted when completed	Oil Gas Allocation % will be Submitted when completed	Oil Gas Allocation % will be Submitted when completed

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No
 If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No
 Are all produced fluids from all commingled zones compatible with each other? Yes No
 Will commingling decrease the value of production? Yes No
 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 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 Margrethe Hotter TITLE Operations Engineer DATE 10/27/09
 TYPE OR PRINT NAME Margrethe Hotter TELEPHONE NO. (575) 748-4165
 E-MAIL ADDRESS mhotter@yatespetroleum.com

MARTIN YATES, III
1912-1985

FRANK W. YATES
1936-1986

S.P. YATES
1914-2008



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (575) 748-1471

JOHN A. YATES
CHAIRMAN OF THE BOARD
PRESIDENT

JOHN A. YATES JR.
ASSISTANT TO THE PRESIDENT

JAMES S. BROWN
CHIEF OPERATING OFFICER

JOHN D. PERINI
CHIEF FINANCIAL OFFICER

October 27, 2009

Will Jones
State of New Mexico
OIL CONSERVATION DIVISION
1220 South Saint Francis Drive
Santa Fe, NM 87505

Re: Starkissed AWS State #2

Dear Mr. Jones:

Enclosed please find an amended copy of form C-107A (Application for Downhole Commingling) on Yates Petroleum Corporation Starkissed AWS State #2, Section 3-10S-27E Chaves County, New Mexico.

If you have any questions or need additional information, please call me at (575) 748-4361

Sincerely,

A handwritten signature in cursive script that reads 'Debbie Chavez'.

Debbie Chavez
Engineering Technician

Enclosure(s)

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Hobbs, NM 88240
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED

State of New Mexico
Energy, Minerals & Natural Resources Department
CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

2009 OCT 28 AM 10 57

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-005-63539	² Pool Code 	³ Pool Name W.C. STRAWN 502 Strawn, Penn.
⁴ Property Code 28461	⁵ Property Name Starkissed AWS State	⁶ Well Number 2
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	⁹ Elevaion 3,879

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	3	10S	27E		1,980'	North	990'	West	Chaves

¹¹ 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

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

	¹⁷ OPERATOR CERTIFICATION		
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.		
	Signature		
Debbie Chavez			
Printed Name			
Engineering Technician			
Title and E-mail Address			
October 27, 2009			
Date			
¹⁸ 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.			
Refer to Original Plat			
Date of Survey			
Signature and Seal of Professional Surveyor:			
Certificate Number			

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-005-63539		² Pool Code 97489	³ Pool Name Wildcat; Wolfcamp (Gas)
⁴ Property Code 28461	⁵ Property Name Starkissed AWS State		⁶ Well Number 2
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation		⁹ Elevation 3,879

¹⁰ Surface Location

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	¹⁷ OPERATOR CERTIFICATION		
	<p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Debbie Chavez</i></p> <p>Signature</p> <p>Debbie Chavez</p> <p>Printed Name</p> <p>Engineering Technician</p> <p>Title and E-mail Address</p> <p>October 27, 2009</p> <p>Date</p>		
	¹⁸ SURVEYOR CERTIFICATION		
	<p><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></p> <p>Refer to Original Plat</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>		

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-005-63539		² Pool Code 50371	³ Pool Name Wildcat; Mississippian
⁴ Property Code 28461	⁵ Property Name Starkissed AWS State		⁶ Well Number 2
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation		⁹ Elevation 3,879

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Signature			
Printed Name			
Debbie Chavez			
Title and E-mail Address			
Engineering Technician			
Date			
October 27, 2009			
¹⁸ 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			

There are no working, royalty and overriding royalty interests in this well other than Yates Petroleum Corporation

The Strawn; Penn is a new zone and production curves are not available.

The Wildcat; Mississippian is a new zone and production curves are not available.

The Wildcat; Wolfcamp is a new zone and production curves are not available.

All zones looks marginal on logs and will have to be produced together to be economical.