

N.M. OCS DIV Dist. 2  
State of New Mexico  
Energy, Minerals and Natural Resources Department  
Artesia, NM 88210  
OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Form C-107A  
Revised May 15, 2000

APPLICATION TYPE  
☒ Single Well  
☐ Establish Pre-Approved Pools  
EXISTING WELLBORE  
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210  
Operator Address

Prickly Pear AIE Fed. 1 P 23 20S 24E Eddy  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. Property Code API No. 30-015-26738 Lease Type ☒ Federal ☐ State  
Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Wildcat Yeso	Bone Spring	<del>Bone Spring</del> WOLFcamp
Pool Code			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2414-2638	5352-5438	6704-6722
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)	NA	NA	NA
Oil Gravity or Gas BTU (Degree API or Gas BTU)	NA	NA	NA
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: Rates: Will submit upon further testing	Date: Rates: Will submit upon further testing	Date: Rates: Will submit upon further testing
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	Oil Gas	Oil Gas

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?

Are all produced fluids from all commingled zones compatible with each other?

Will commingling decrease the value of production?

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?

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 Mark Hoskins TITLE Operations Engineer DATE 3/28/05  
TYPE OR PRINT NAME: Mark Hoskins TELEPHONE NO. (505)-748-4164

March 28, 2005

Armando Lopez  
Bureau of Land Management  
2909 2<sup>nd</sup> Street  
Roswell, New Mexico 88201

RECEIVED

APR 21 2005

ODD-ARTERIA

Dear Mr. Lopez,

Yates Petroleum Corporation hereby seeks administrative approval to downhole commingle the production from the Wildcat Glorieta Yeso, Wildcat Bone Springs, and the Wildcat Wolfcamp pools in our Prickly Pear AIE #1 located in Unit P of Section 23, Township 20 South, Range 24 East, Eddy County.

If you have any questions or need additional information, please call me at (505) 748-4237.

Sincerely,



Mark Hoskins  
Operations Engineering

MH

Enclosures

The Wildcat Glorieta Yeso is a new zone and production curves are not available.

The Wildcat Bone Springs is a new zone and production curves are not available.

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