

OIL CONSERVATION DIVISION  
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BARBARA FASKEN

**FASKEN OIL AND RANCH INTERESTS**

303 WEST WALL AVENUE, SUITE 1900

MIDLAND, TEXAS 79701-5116

(915) 687-1777

February 22, 1991

New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Attn: David R. Catanach

Re: Request for Exception to Rule 303-A  
Barbara Fasken  
Feil Federal No. 1  
660' FNL & 660' FWL  
Section 28, T-20-S, R-25-E  
Cemetery (Morrow) & Undes. (Atoka) Fields  
Eddy County, New Mexico

Gentlemen:

Barbara Fasken respectfully requests exception to Rule 303-A to allow downhole commingling of Atoka and Morrow production from the subject well. This well will only produce some 45 mcfpd from both Atoka and Morrow perforations combined and is in the final stages of depletion. Without commingling, neither of these zones are economical to produce and would have to be plugged and abandoned.

The Morrow zone is perforated at 9384-96', 9431-33', 9436-38', 9458-61', 9470-74', 9494'-9504', 9514-24', 9527-32'. Atoka perforations are at 9155-61', 9263-66', 9270-75', 9292-94', 9311-15', 9329-32', 9341'-9345'. This well was originally completed in the Morrow in 1975. In December, 1990 the Atoka zone was perforated and produced only 50 mcfpd. The Morrow zone was producing 25 mcfpd at the time the Atoka was perforated and has a shut in bottom hole pressure of approximately 860 psi. Cross-flow should not occur between the Morrow and Atoka zones due to the low producing wellhead pressure of only 80-100 psi. Both the Atoka and Morrow zones produce only dry gas with no measurable liquid production.

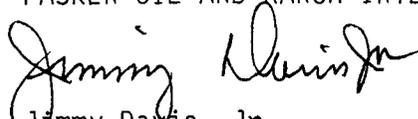
The allocation of production for the commingled zones would include 33.3% attributed to the Morrow zone and 66.7% attributed to the Atoka zone. These factors represent the current production tests for each zone as mentioned earlier.

Page 2

The three offset operators - Chevron U.S.A., Inc., Southern Union Exploration, Inc., and Exxon Company U.S.A., as well as the Bureau of Land Management have each been mailed a copy of this request for downhole commingling. Please call me at 915-687-1777 should you have any questions concerning this request.

Yours truly,

FASKEN OIL AND RANCH INTERESTS

  
Jimmy Davis, Jr.  
Drilling and Operations

JWD:sb

cc:Well File  
Read File  
JWD

Southern Union Exploration Company  
1201 Elm Street, Suite 1800  
Dallas, Texas 75270-2090

Chevron U.S.A., Inc.  
P.O. Box 1150  
Midland, Texas 79702

Exxon Company, U.S.A.  
P.O. Box 1600  
Midland, Texas 79702

Bureau of Land Management  
P.O. Box 1778  
Carlsbad, New Mexico 88220

N.M.O.C.D.  
Attn: Darrell Moore  
P.O. Drawer DD  
Artesia, NM 88210



**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form O-112  
Supersedes O-117  
Effective 1/1/55

All distances must be from the outer boundaries of the Section

Operator <b>DAVID FASKEN</b>		Lease <b>FEIL FEDERAL</b>			Well No. <b>1</b>
Dist. Letter <b>D</b>	Section <b>28</b>	Township <b>20 South</b>	Range <b>25 East</b>	County <b>EDDY</b>	
Actual Footage Location of Well:					
<b>660</b>	feet from the	<b>North</b>	line and	<b>660</b>	feet from the
					<b>West</b>
Ground Elev. Elev. <b>3523</b>	Producing Formation <b>Morrow</b>		Depth <b>660</b>	Dedicated Acreage <b>320</b>	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

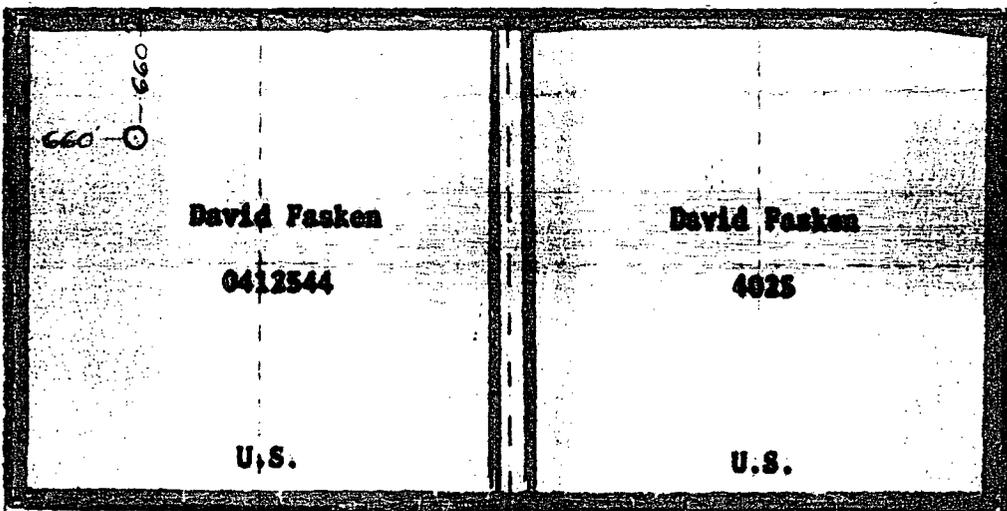
If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, lease pooling, etc.?

Yes     No    If answer is "yes" type of consolidation

**Common Ownership of two Federal Leases 0412544 & 4025**

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No acreage will be assigned to the well until all interests have been consolidated (by communitization, unitization, lease pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Robert H. Angove*  
Name  
**Robert H. Angove**

Position  
**Agent**

Company  
**David Fasken**

Date  
**May 6, 1975**

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 knowledge and belief.

Date Surveyed  
**February 17, 1975**

Registered Professional Engineer and/or Land Surveyor

*John W. Shear*

Certificate No. **1559**

