

سياسيه والسقيقة مصاريها

# FAX Exxon USA

Courier: Midland Production ML 71, 23 Desta Drive, Midland, TX 79705

Mail: P.O. Box 1600, 79702-1600

Date: 3 Number of pages including cover sheet: Fax /phone: To: From: Ron Mayhew Neve Bonenn 505.748-4585 915 - 688 - 7841 Phone: Vites Petroleum phone/ 4172 Fax: 915 - 688 - 6258 c. Gil Benhler 656-1495 Backup: Call Nancee 688 - 7930 **REMARKS:** Urgent S For your review Reply ASAP D. Please comment Dave, Attached is letter I plan to send to WID'S 2 3pm tomorrow, I'm at my limit on voting, is if we are for apart I'll need to talk with Peyton direct to resolve his concerns. Thanks for your continued patience, but its time to get on with the Project if we want a Unit. Rom 27 c: Gil Bechko Rom 27 Rom 422



POST OFFICE BOX 1600 + MIDLAND, TEXAS 79702-1600

PRODUCTION DEPARTMENT MIDLAND PRODUCTION ORGANIZATION

February 22, 1995

Avalon (Delaware) Field Unitization Eddy Co., N. M.

#### Working Interest Owners:

We are in the process of preparing revised Unit and Unit Operating Agreements (UA/UOA) for your approval to form the Avalon (Delaware) Field Unit with modifications that address all of the issues raised at the June 17, 1994 Working Interest Owner (WIO) Meeting (summarized in my letter of June 20, 1994). We appreciate the feedback provided by WIO's to develop these revisions, which are summarized in Attachment II.

The primary issue at the WIO Meeting was the framework for the equity formula. At that meeting, several WIO's expressed a strong interest for a single phase formula. An action item of the meeting was for Yates Petroleum to develop an alternative participation formula to the two-phase formula proposed by Exxon.

Letters that cover various formulas are attached for your information, dated September 6, October 10 and December 5, 1994. The resulting formula agreeable to both Yates and Exxon is summarized in Attachment II with WIO participation shown on Attachment III.

At this time we are requesting either 1.) your concurrence with provisions that are now acceptable to both Exxon and Yates Petroleum or 2.) your proposed changes/rationale (return Attachment I by March 17, 1995). This is not considered to be approval of the Unit/Unit Operating Agreements, but an endorsement to modify provisions in them; therefore is non-binding. Should you have questions feel free to call me at (915) 688-7841. We appreciate your continued support.

Sincerely,

Ronald E. Marfen

Ronald E. Mayhew Avalon Project Manager

Attachments 1-111

rem/wiosp195.doc

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#### Attachment I: Response to Exxon on Revised Unitization Proposal

Mail to:

Responses requested by March 17, 1995

R. E. Mayhew, Avalon Response Exxon USA P.O. Box 1600 Midland, TX 79702-1600 or fax to (915) 688-6258

# Please provide your response by <u>checking one box</u> and completing the information below:

Company Name (s): \_\_\_\_\_

We agree with the unitization proposal as described in this letter (and Attachments). Exxon should proceed with modifying the Unit and Unit Operating Agreements.
 By (weed as written):

	IIIO.	
Signature:	Phone:	

We disagree with the unitization proposal as described in this letter (and Attachments). Our proposal for changes along with our rationale is provided in the attached letter.
 By (typed or written): \_\_\_\_\_\_ Title:

Signature:	Phone:
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Note: This is not considered to be approval of the Unit/Unit Operating Agreements, but an endorsement to modify provisions in them; therefore is non-binding.

### Attachment II: Summary Description of Proposed Modifications to Avalon Field Unit and Unit Operating Agreements

#### Abbreviations

The following abbreviations are used: WI working interest WIO working interest owners

WIO working interest owners AFE Authority For Expenditure

Equity

The table below describes proposed revisions to equity participation in the Avalon (Delaware Field) Unit from what Exxon proposed in the previously provided Unit and Unit Operating Agreements.

Feature		Description				
Phases	Participation will be in a single phase only; which was requested by several attendees at the June 94 WIO meeting.					
Reserve Weighting Factors	Participation will be based on tract reserves with the following Reserve Weighting Factors:					
	Reserve Weighting	Rationale				
	25 % Remaining Primary	low risk near term production highest value				
	50 % Waterflood	main purpose of unitization				
	25 % CO <sub>2</sub>	highest technical, economic, and implementation risk				
	Note: These percentages are multiplied by each owners tract reserves percentage (by Primary, Waterflood, and $CO_2$ ), then summed to obtain a Unit Equity (percentage) as shown on Attachment III.					
Owner participation	A summary of owner partic	ipation is provided in Attachment III.				

Bidding of CO<sub>2</sub> and crude

The bidding of crude oil sales and CO<sub>2</sub> supply have been incorporated into the agreements. Contact Scott Lansdown (915) 688-4982 if you would like to review wording.

Continued on next page

## Attachment II: Summary Description of Proposed Modifications to Avalon Field Unit and Unit Operating Agreements, Continued

Capital Expenditures & Contributed Investments	All expenditures (capital and operating expense), along with existing investments of use to the Unit would be at the Single Phase participation percentage shown on Attachment III.
	<ul> <li>Examples:</li> <li>Capital Expenditure: \$14M waterflood and/or future AFEs/ballots: Each owner pays WI fraction times \$14M and/or ballot amounts</li> <li>Operating Expense: Each owner pays WI fraction times monthly operating cost</li> <li>Investment Equalization: If a well or portion of surface facility equipment can be utilized in waterflood or CO<sub>2</sub> operations each owner will be credited with the determined value. Then each owner will be debited with an amount equal to their WI fraction times the sum of the values of all wells/equipment brought into the Unit.</li> </ul>
Overbead	<ul> <li>Overhead rate will be charged as follows:</li> <li>initial overhead rate will be \$550/ producing and injection well</li> <li>overhead will increase 27% when a CO<sub>2</sub> project is approved by Unit Owners</li> <li>overhead will decrease 22% when CO<sub>2</sub> injection ceases</li> </ul> Exception: Exxon may submit AFE's prior to approval of a CO <sub>2</sub> Project to WIOs to conduct CO <sub>2</sub> Project Studies that will be considered as an operating expense outside the overhead category for the purpose of recovering costs for company and consulting personnel. Examples: These studies could include computer modeling, injectivity test planning & analysis, cost/production estimates, etc. Note: for approval requirements see Voting below
Voting	<ul> <li>Ballots/AFE's to WIOs will be considered approved if: Note: AFE's under \$100k do not require WIO approval</li> <li>CO<sub>2</sub> Study AFE's (see Overhead above) and CO<sub>2</sub> Project AFE's (both pilot ant full scale): Largest 2 owners must approve in addition to \$ requirement. Note: Yates Petroleum's 7 affiliates are defined as a single owner for this purpose. Should these Yates interests be sold a new 2nd largest owner could occur.</li> <li>AFE's &lt; \$ 1M (to be escalated 3%/year): Largest Owner + 10% remaining WI</li> <li>AFE's ≥ \$1M (to be escalated 3%/year): 84 % of the WIO participation</li> </ul>

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#### Attachment III: Avalon (Delaware) Participation (25,50,25)

	G-24 1/1/93 Rem Primary		G-24 Tract CO2 Reserves	Single Photo Formula Participation: 15% Primary, 30% Waterflood, and 25% CO?
Abo Petroleum Carporation	0.6731%	1.3313%		
American National Pot. Corp.	2.8177%			
Ard, Mary H.	0.8259%	1,6336%		
Bello, Emic	0.0046%	0.0088%6		
Bunn, Mrs. Francis B.	0.0046%	0.0088%	0.0075%	0.0074%
Chevron PBC, Inc.	0.4236%	0.6857%	1.8238%	0,9047%
Claremont Corporation	0.1549%	0.3063%	0.2500%	0.2544%
Devon Energy Corporation (NV)	0.0691%	0.1367361	0.1117%	0.1136%
Devon Energy Partners L.P.	0.3916%	0,7746%	0.6331%	0.6435%
	85.0939%	70.7855%	67.9026%	73.6419%
Fox, Fred A. & D. Marjean Living Trust	0.0005%	0.0000%	0.0038%	0.0011%
Gendron Family Revocable Trust	0.0069%	0.0132%	0.0112%	0.0111%
Goodnow, David	0.0046%	0.0088%	0.0075%	0.0074%
Hayes Parmers i	0.0000%	0.0000%	0.0412%	0.0103%
Hodga, Joseph R.	0.0008%	0.001 5%	0.0012%	0.0013%
Hodge, Sanford J. III	0.0008%	0.0015%	0.0012%	0.0013%
Holden, E. G. Tessmentary Tr	0.0023%	0.0044%	0.0037%	0.0037%
Hudson, Edward R. Jr.	0.8259%	1.6336%	1,3331%	1.3566%
Hudson, William A. II	0.8259%	1.6336%	1.3331%	1.3566%
Kawasaki, Isase A.	0.0046%	0.0088%	0,0075%	0.0074%
Keller, Betsy H.	0.0023%	0.0044%	0.0037%	0.003756
Kerr-McGes Corporation	0.1493%	0.2953%	0.2410%	and the second se
LAJ Corporation	0.0010%			
Los Chicos	0.0000%			
Martin, James L. Jr., Trust	0.0005%	0.0000%		
Martin, Williams, & Judson	0.3496%			
McCall, Jack O. Estate of	0.0000%			
Merit Energy Parmers, II, L.P.*	0.0000%			
Merit Energy Partners, III, L.P.	0.0000%			
Merit Energy Pariners, L.P. *	0,0000%	0.0000%		
Moore, Charles Cline	0.0115%	0.0219%	0.0189%	0.0186%
Munroe, Vernon	0.0046%	0.0088%	0.0075%	0.0074%
Myco Industries, Inc.	2.0241%			3.3582%
Napeco	0,0000%	0.0000%	0.0719%	0.0180%
Oliver, Angus Cluthe Tr	0.0046%	0,0068%	0.0075%	0.0074%
Oliver, William B. Tr	0.0046%	0.0081%		
Ory U.S.A., Inc.	0.0000%	0.0000%	0.5361%	
Promier Oil & Gas, Inc.	0.0000%			
	0.0725%			· · · · · · · · · · · · · · · · · · ·
Redfern, John J. III, Indep Exec of Est of	0.0725%			
Redforn, Rosalind	0.0005%	0.1433%		
Schiegal, John L.	0.0003%			the second se
Maril, Adolph P. Schuman Tr				
Seventy-Seven Corporation	0.0000%			
Sigmar, Inc.	0.0016%	0.0000%		
Space Building Corp.	0.0115%			
Tippernry Oil Corporation	0.0000%	0.6561%		
TR Oil Corporation Van Vranken, J. F. Jr.	0.0000%			
Whiting Petroleum Corporation	0.3199%		_	A CONTRACTOR OF A CONTRACTOR O
Yates Drilling Company	2.0192%			
Yates Petroleum Corporation	2.4800%			
Yates, John A.	0.0049%			
Yales, S. P.	0.0049%			
	100,0000%			
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Note: Exxon purchased Marit Interest in 1/95				
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