

OIL CONSERVATION DIVISION
RECEIVED



**Marathon
Oil Company**

APR 20 1994 00 8 50

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

Mr. William LeMay, Director
Energy, Minerals, & Natural Resources Dept.
New Mexico Oil Conservation Dept.
P O Box 2088
Santa Fe, New Mexico 87504-2088

Attn: David R. Catanach

**RE: Request Exception to Rule 303-A
Downhole Commingling
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico**

Dear Mr. Catanach:

Marathon Oil Company is requesting administrative approval for an exception to Rule 303-A. This approval would permit the downhole commingling of production in the referenced well from the Drinkard and the Wantz Abo pools in Lea County, New Mexico.

Currently, the well is dually completed. By removing the dual completion equipment, the well can be rod pumped. This will reduce back pressure on the formation and increase productivity.

Pertinent supporting data is listed below:

1. A lease plat showing the location of the well is attached.
2. Copies of recently conducted C-116 tests for both zones are attached.
3. Decline curves for both zones are attached.
4. A listing of offset operations is attached.
5. Form C-102 for each formation is attached.

LETTER

Request Exception to Rule 303-A

Page -2-

6. Bottom hole pressures from surveys run 3-14-91:
Drinkard 551 psig Wantz Abo 509 psig
7. Ownership of the two pools to be commingled are in common and correlative rights will not be violated.
8. Marathon's has commingled the fluids at the surface without compatibility problems. Downhole commingling will not reduce the commercial value of the product.
9. Estimated production after installation of pumping equipment is displayed below. Gas rates are from form C-116. Liquid rates have been estimated from well modeling programs and recently acquired FL level information.

<u>FORMATION</u>	<u>OIL</u>		<u>Gas</u>		<u>Water</u>	
	<u>BPD</u>	<u>%</u>	<u>MCFPD</u>	<u>%</u>	<u>BPD</u>	<u>%</u>
Drinkard	2	64	77	22.1	1	33
Wantz Abo	1	33	271	77.9	2	64
TOTAL	3	100	348	100	3	100

By copy of this letter, we are notifying all offset operators of the proposed commingling.

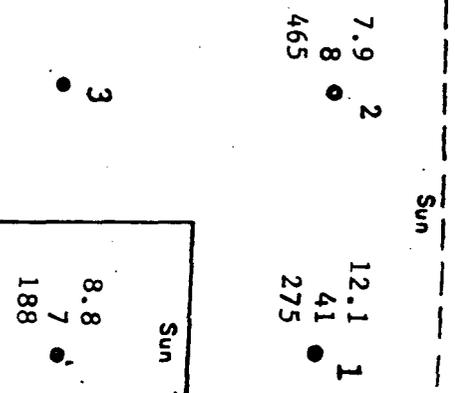
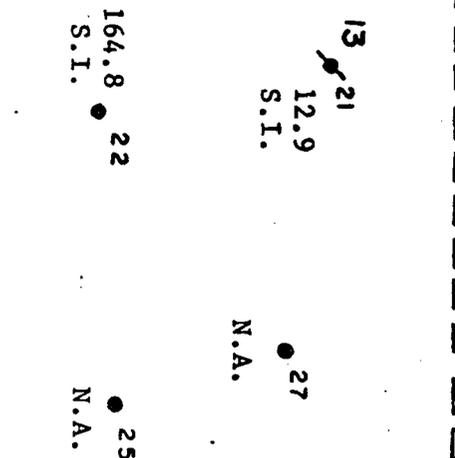
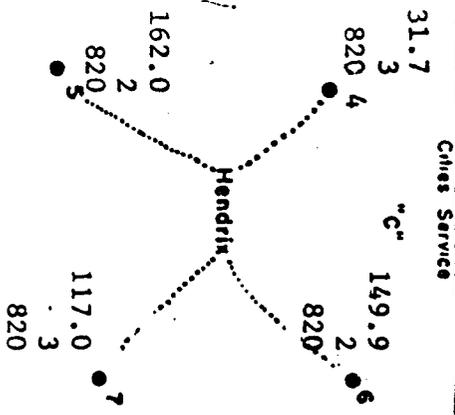
If additional information is required, please contact me at 915/687-8324.

Sincerely,



Thomas M. Price
Advanced Engineering Technician

tmp\jo\94069



R. L. Brunson

State

W. Lynch

Annie Christma

Gulf

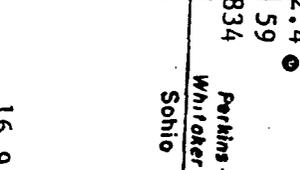
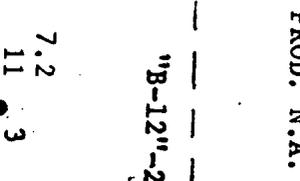
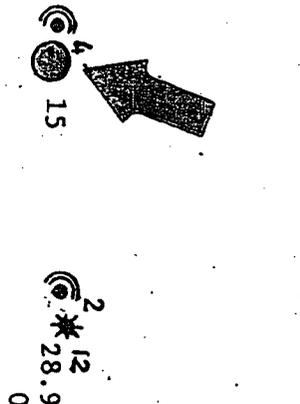
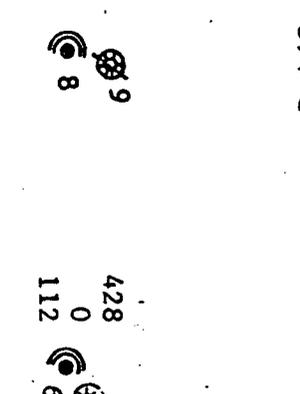
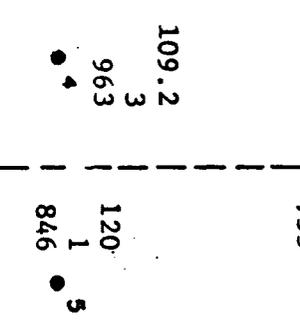
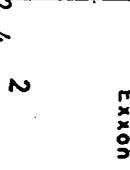
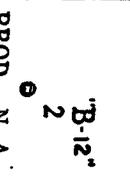
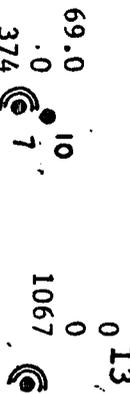
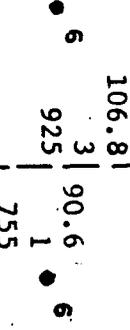
Gulf

Morathon

377

Exxon

Exxon



R Brunson

"Eves"

Shell

Lou Worlton

Mobil

Elliott

270

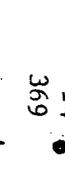
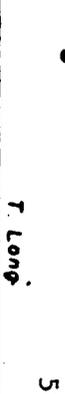
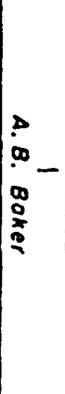
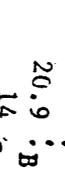
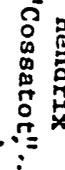
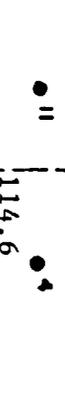
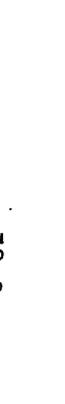
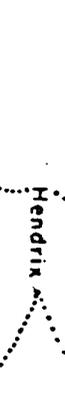
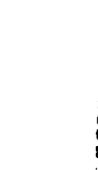
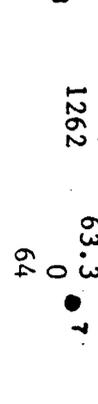
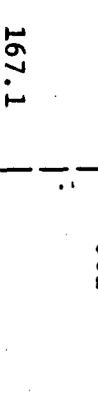
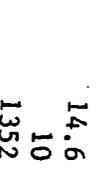
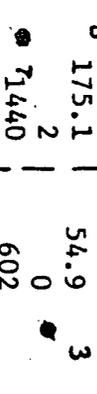
Skelly

Amerodo-Hess

Shell

Mobil

Hendrix



Tex. Pac.

Gulf

Penrose

L.

Submit 2 copies to Appropriate District Office.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-116
Revised 1/1/89

GAS - OIL RATIO TEST

Operator Marathon Oil Company		Pool DRINKARD		County LEA										
Address P. O. Box 552, Midland, Texas, 79702		TYPE OF TEST - (X)		Completion <input type="checkbox"/> Special <input checked="" type="checkbox"/>										
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	TYPE OF TEST	SCHEDULED	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST		GAS RATIO CU/FT/BBL.	
		U	S	T	R						WATER BBL.	OIL BBL.		
LOU WORTHAN	15	G	11	22	37	03-08-94	F OPEN	50	MGW	24	0	0	77	-

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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

Signature

THOMAS M. PRICE, ADV. ENGIN. TECH.

Printed name and title

Date

4-20-94

915/682-1626

Telephone No.

Submit 2 copies to Appropriate District Office.
 DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240
 DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210
 DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-116
 Revised 1/1/89

OIL CONSERVATION DIVISION

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

GAS - OIL RATIO TEST

Operator		Pool		County										
Marathon Oil Company		WANTZ ABO		LEA										
Address		TEST - (N)		Completion		Special								
P.O. Box 552, Midland, Texas, 79702		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>								
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	TYPE OF TEST	CHOKESIZE	TBQ PRESS.	DAILY ALLOW. ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST		GAS RATIO CU/FT/8BL	
		U	S	T							R	WATER BRLS.		GRAV. OIL BRLS.
LOU WORTHAM	15	G	11	22	37	02-01-94	F	32/84	45	MGW	24	0	271	
	17	E	11	22	37	02-04-94	F	OPEN	40	MGW	24	0	103	
	19	D	11	22	37	02-08-94	F	30/64	25	MGW		0	67	
	20*	F	11	22	37	02-10-94	F		25	MGW		3	151	50333
*DHC # 732 ABO Granite Wash		OIL			GAS									
		0%	0	94%	142	MCF								
		100%	3	6%	9	MCF								
		100%	3	100%	151	MCF								

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.
 Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F.
 Specific gravity base will be 0.60.
 Report casing pressure in lieu of tubing pressure for any well producing through casing.

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

Thomas M. Price
 Signature

THOMAS M. PRICE ADV. ENGINEERING TECH.

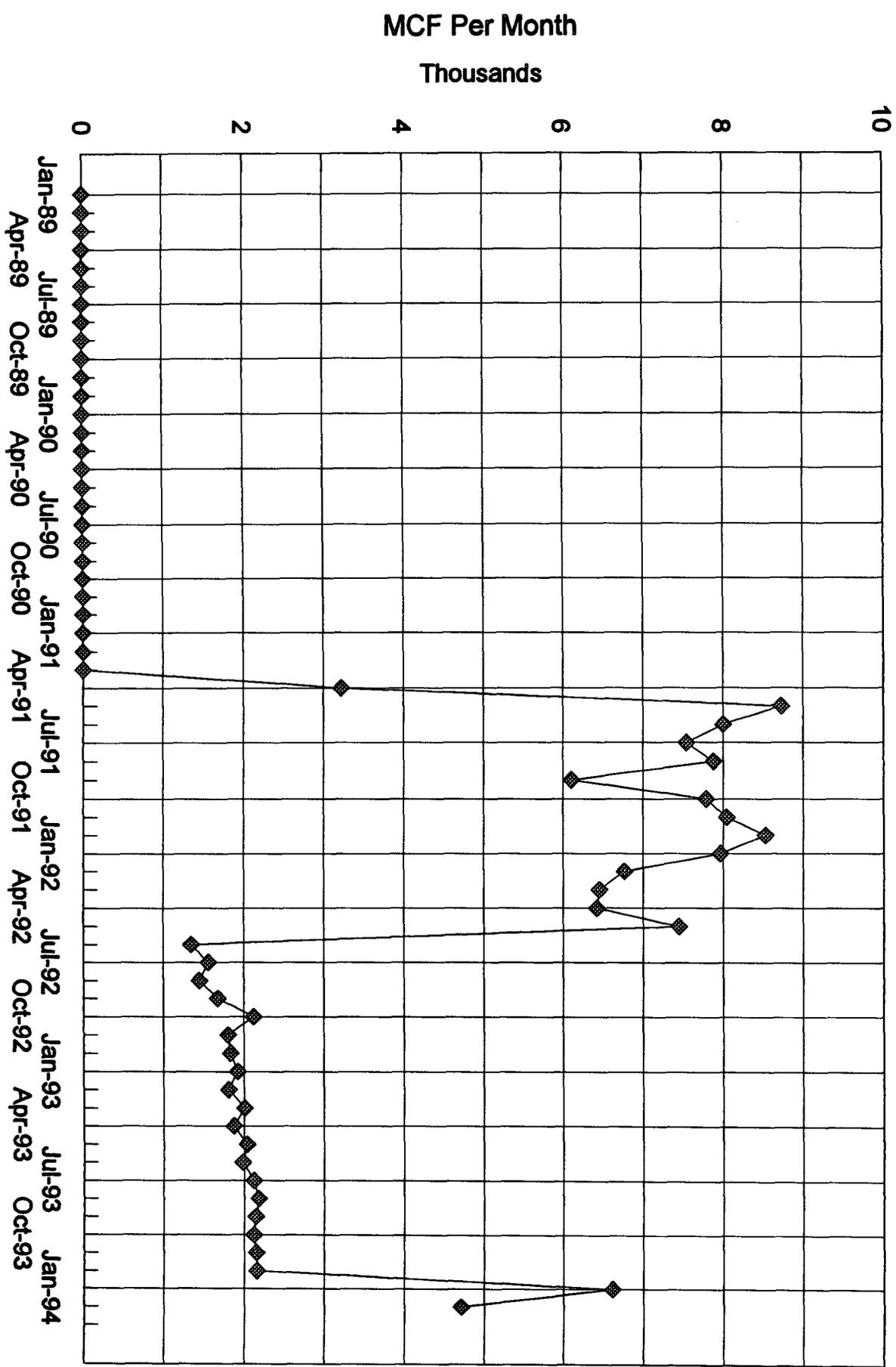
Printed name and title

03-07-94

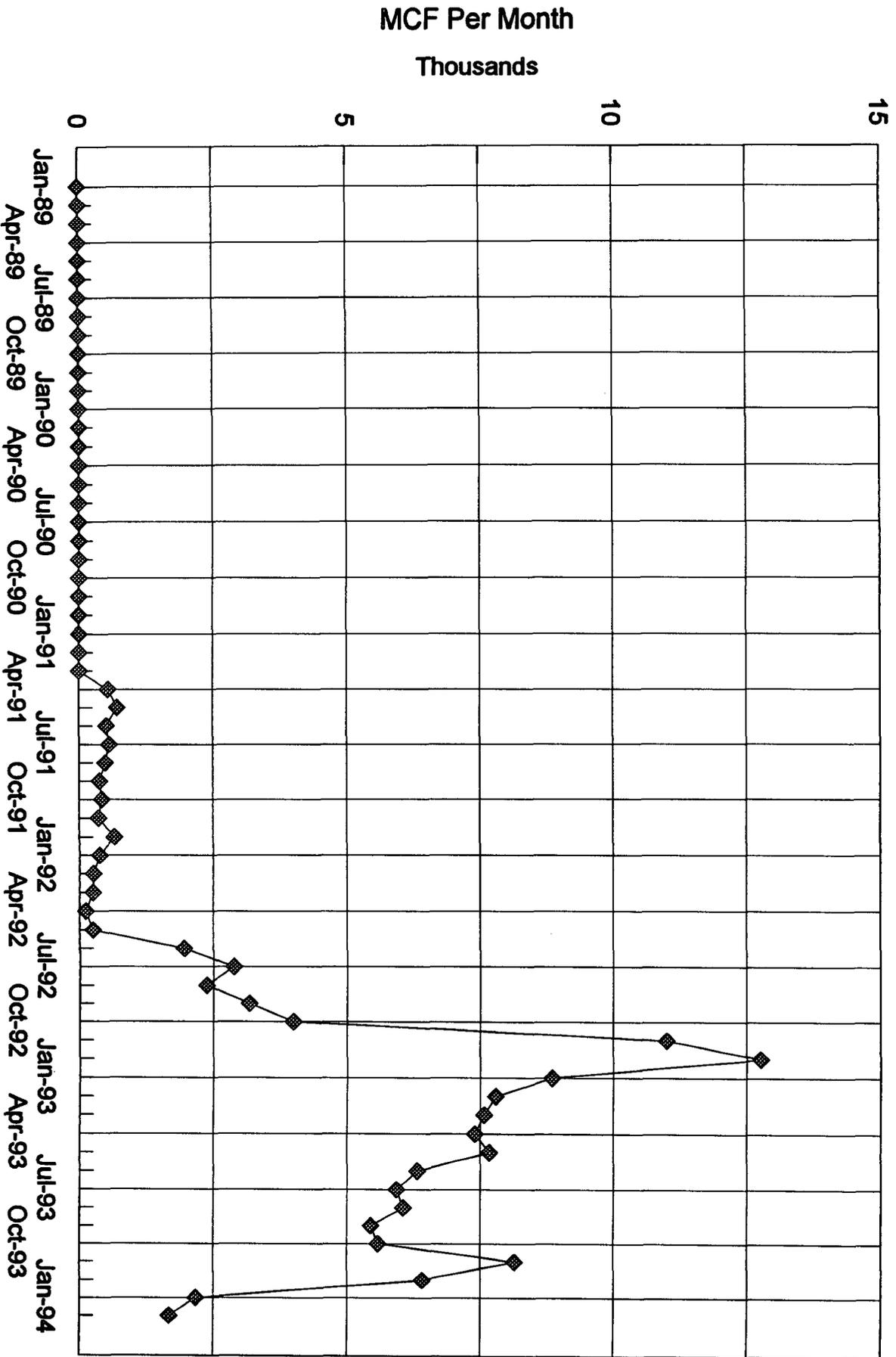
916/882-1826

Telephone No.

Lou Worthan 15
Wantz Abo Monthly Production



Lou Worthan 15
Drinkard Monthly Production



District I
 PO Box 1900, Hobbs, NM 88241-1900
 District II
 PO Drawer DD, Artesia, NM 88211-8719
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

APN Number 30-025-25304		Pool Code 62700	Pool Name Wantz Abo
Property Code 006488	Property Name Wantz Abo		Well Number 15
OGRID No. 014021	Operator Name Marathon Oil Company		Elevation 3345 GL

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
G	11	22S	37E	-	1980	North	1860	East	Lea

11 Bottom Hole Location if Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
G	11	22S	37E	-	1980	North	1860	East	Lea

12 Dedication: Acres 40	13 Joint or Infill N	14 Consolidation Code	15 Order No.
----------------------------	-------------------------	-----------------------	--------------

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

16				1980	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Thomas M. Price</i> Signature Printed Name Thomas M. Price Title Adv. Engineering Tech. Date 4-20-94
			#15	1860'	
	SECTION 11				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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

District I
 PO Box 1900, Hobbs, NM 88241-1900
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Bravo Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-25304		Pool Code 19190	Pool Name Drinkard
Property Code 006488	Property Name Lou Worthan		Well Number 15
OGRID No. 014021	Operator Name Marathon Oil Company		Elevation 3345 <i>SL</i>

¹⁰ Surface Location

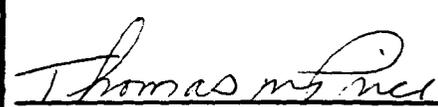
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	11	22S	37E	-	1980	North	1860	East	Lea

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
G	11	22S	37E	-	1980	North	1860	East	Lea

¹² Dedication Acres 40	¹³ Joins or Infill N	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	------------------------------------	----------------------------------	-------------------------

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

16			1980'		¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Printed Name Thomas M. Price Title Adv. Engineering Tech. Date 4-20-94
			#15	1860'	
	SECTION 11				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> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
30-025-25304

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
LOU WORTHAN

1. Type of Well:
OIL WELL GAS WELL OTHER

8. Well No.
15

2. Name of Operator
Marathon Oil Company

3. Address of Operator
P.O. Box 552 Midland, Tx. 79702

9. Pool name or Wildcat
DRINKARD/WANTZ ABO

4. Well Location
Unit Letter G : 1980 Feet From The NORTH Line and 1860 Feet From The EAST Line
Section 11 Township 22-S Range 37-E NMPM LEA County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
GL: 3345 KB:3357

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <u>DOWNHOLE COMMINGLE</u> <input type="checkbox"/>		OTHER: _____ <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

MARATHON OIL CO IS SEEKING APPROVAL TO REMOVE THE DUAL COMPLETION EQUIPMENT FROM THIS WELL AND DOWNHOLE COMMINGLE THE PRODUCTION FROM THE DRINKARD AND WANTZ ABO. THE WELL BE PLACED ON A ROD PUMP AFTER REMOVAL OF THE PKR, KEEPING BOTTOM HOLE PRESSURE LOWERED AND INCREASING PRODUCTION. IT WILL ALSO PUMP OFF THE WATER WHICH HAS BEEN RESTRICTING DRINKARD PRODUCTION.

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

SIGNATURE Thomas M. Price TITLE ENG TECH DATE 4-21-94

TYPE OR PRINT NAME Thomas M. Price TELEPHONE NO. 915-687-8324

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OFFSET OPERATORS

LOU WORTHAN LEASE
Sec. 11, T-22-S, R-37-E
Lea County, New Mexico

Exxon Company USA
P. O. Box 1600
Midland, TX 79702-1600
Attn: Land Department

Shell Western E&P
P. O. Box 576
Houston, TX 77001-0576
Attn: Land Department

Oxy USA Inc.
P. O. Box 50250
Midland, TX 79705-0250
Attn: Land Department

Southwest Royalties, Inc.
P. O. Drawer 11390
Midland, TX 79702-1390
Attn: Jon M. Tate

John H. Hendrix
223 West Wall, Suite 525
Midland, TX 79701

Chevron USA Inc.
P. O. Box 1150
Midland, TX 79702-1150
Attn: Land Department

American Exploration Company
1331 Lamar, Ste 900
Houston, TX 77010-3086

Amerada Hess Corporation
1201 Louisiana, Ste 700
Houston, TX 77002
Attn: Randy Pharr

Mobil Exploration & Producing U.S. Inc.
P. O. Box 633
Midland, TX 79702-0633
Attn: Larry Coppedge

Texaco Exploration & Production
P. O. Box 3109
Midland, TX 79702-3109
Attn: Land Department

Shell Oil Company
P. O. Box 2463
Houston, TX 77252-2463
Attn: Land Department

Mid-Continent Region
Production United States



P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

Exxon Company USA
P O Box 1600
Midland Tx 79702-1600
Attn: Land Department

RE: Request Exception to Rule 303-A
Downhole Commingle
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico

Gentlemen:

Marathon Oil Company has filed an application with the New Mexico Oil Conservation Division to downhole commingle the above captioned well. Enclosed, please find a copy of the application as outlined in Rule 303-A.

If you are in agreement and waive all objections to the downhole commingling, please sign and return the original to the NMOCD in the attached addressed envelope. Also please make one copy and return it to Marathon in the self addressed stamped envelope.

Sincerely,

S. P. Guidry By Tom Puce

S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this _____ day of _____, 1994
by _____ as representative of _____.



**Marathon
Oil Company**

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

Oxy USA Inc.
P O Box 50250
Midland Tx 79705-0250
Attn: Land Department

RE: Request Exception to Rule 303-A
Downhole Commingle
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico

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Sincerely,

A handwritten signature in cursive script that reads "S. P. Guidry by [unclear]".

S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this _____ day of _____, 1994
by _____ as representative of _____.



**Marathon
Oil Company**

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

John H. Hendrix
223 West Wall, Suite 525
Midland Tx 79701

RE: Request Exception to Rule 303-A
Downhole Commingle
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico

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Sincerely,

A handwritten signature in cursive script that reads "S. P. Guidry By T. P. Rice".

S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this _____ day of _____, 1994
by _____ as representative of _____.

Mid-Continent Region
Production United States



**Marathon
Oil Company**

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

American Exploration Company
1331 Lamar, Suite 900
Houston Tx 77010-3086

RE: Request Exception to Rule 303-A
Downhole Commingle
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico

Gentlemen:

Marathon Oil Company has filed an application with the New Mexico Oil Conservation Division to downhole commingle the above captioned well. Enclosed, please find a copy of the application as outlined in Rule 303-A.

If you are in agreement and waive all objections to the downhole commingling, please sign and return the original to the NMOCD in the attached addressed envelope. Also please make one copy and return it to Marathon in the self addressed stamped envelope.

Sincerely,

A handwritten signature in cursive script that reads "S. P. Guidry" followed by a flourish.

S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this _____ day of _____, 1994
by _____ as representative of _____.



**Marathon
Oil Company**

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

Mobil Exploration & Producing US, Inc.
P O Box 633
Midland Tx 79702-0633
Attn: Larry Coppedge

RE: Request Exception to Rule 303-A
Downhole Commingle
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico

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Sincerely,

A handwritten signature in cursive script that reads 'S. P. Guidry by [unclear]'. The signature is written in dark ink.

S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this _____ day of _____, 1994
by _____ as representative of _____.



**Marathon
Oil Company**

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

Shell Oil Company
P O Box 2463
Houston Tx 77252-2463
Attn: Land Department

RE: Request Exception to Rule 303-A
Downhole Commingle
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico

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Sincerely,

S. P. Guidry
S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this _____ day of _____, 1994
by _____ as representative of _____.



**Marathon
Oil Company**

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

Shell Western E&P
P O Box 576
Houston Tx 77001-0576
Attn: Land Department

RE: Request Exception to Rule 303-A
Downhole Commingle
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico

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Sincerely,

A handwritten signature in cursive script that reads "S. P. Guidry".

S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this _____ day of _____, 1994
by _____ as representative of _____.



**Marathon
Oil Company**

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

Southwest Royalties, Inc.
P O Box 11390
Houston Tx 79702-1390
Attn: Jon M. Tate

RE: Request Exception to Rule 303-A
Downhole Commingle
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico

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Sincerely,

A handwritten signature in cursive script that reads "S. P. Guidry".

S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this _____ day of _____, 1994
by _____ as representative of _____.

Mid-Continent Region
Production United States



P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

Amerada Hess Corporation
1201 Louisiana, Ste 700
Houston Tx 77002
Attn: Randy Pharr

RE: Request Exception to Rule 303-A
Downhole Commingle
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico

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Sincerely,

A handwritten signature in cursive script that reads "S. P. Guidry by Tom Prince".

S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this _____ day of _____, 1994
by _____ as representative of _____.



**Marathon
Oil Company**

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

Chevron USA, Inc.
P O Box 1150
Midland Tx 79702-1150
Attn: Land Department

RE: Request Exception to Rule 303-A
Downhole Commingle
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico

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Sincerely,

S. P. Guidry *B. J. Tompkins*

S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this _____ day of _____, 1994
by _____ as representative of _____.

Mid-Continent Region
Production United States



**Marathon
Oil Company**

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

Texaco Exploration & Production
P O Box 3109
Midland Tx 79702-3109
Attn: Land Department

RE: Request Exception to Rule 303-A
Downhole Commingle
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico

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Sincerely,

A handwritten signature in cursive script, appearing to read 'S. P. Guidry'.

S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this _____ day of _____, 1994
by _____ as representative of _____.

APR 26 1994

OIL CONSERVATION DIVISION
RECEIVED

Mid-Continent Region
Production United States

RESERVOIR
ENGINEERING



Marathon
Oil Company

1994 JUN 9 AM 8 50

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

APR 28 PM 2: 34

ONSHORE

April 20, 1994

Amerada Hess Corporation
1201 Louisiana, Ste 700
Houston Tx 77002
Attn: Randy Pharr

Duc-1015

RE: Request Exception to Rule 303-A
Downhole Commingle
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico

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Sincerely,

S. P. Guidry by Tom Price

S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this 6th day of JUNE, 1994
by Randy J. Pharr as representative of Amerada Hess Corp.

OIL CONSERVATION DIVISION
RECEIVED

Mid-Continent Region
Production United States



**Marathon
Oil Company**

'94 APR 28 AM 8 50

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

Southwest Royalties, Inc.
P O Box 11390
Houston Tx 79702-1390
Attn: Jon M. Tate

RE: Request Exception to Rule 303-A
Downhole Commingle
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
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Drinkard Field
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Sincerely,

A handwritten signature in cursive script that reads "S. P. Guidry By Tom Pines".

S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this 26th day of April, 1994
by [Signature] as representative of Southwest Royalties.

Mid-Continent Region
Production United States

OIL CONSERVATION DIVISION
RECEIVED



**Marathon
Oil Company**

4 MAY 8 AM 8 50

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

American Exploration Company
1331 Lamar, Suite 900
Houston Tx 77010-3086

RECEIVED
APR 25 1994
LAND DEPT.

RE: Request Exception to Rule 303-A
Downhole Commingle
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico

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Sincerely,

S. P. Guidry By Tom Price

S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this 26th day of April, 1994
by W. L. [Signature] as representative of American Exploration Company

Mid-Continent Region
Production United States

*n.m.-
Request to
Downhole
Commingling*

OIL CONSERVATION DIVISION
RECEIVED



**Marathon
Oil Company**

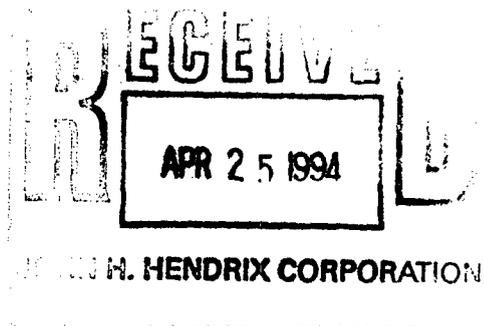
MAY 9 AM 8 50

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

John H. Hendrix
223 West Wall, Suite 525
Midland Tx 79701

RE: Request Exception to Rule 303-A
Downhole Commingling
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico



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Sincerely,

S. P. Guidry By J. P. Price

S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this 4 day of May 1994
by Ronnie H. Washburn as representative of John H. Hendrix Corp

OIL CONSERVATION DIVISION
RECEIVED

Mid-Continent Region
Production United States



**Marathon
Oil Company**

'94 MAY 23 AM 8 50

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

April 20, 1994

Texaco Exploration & Production
P O Box 3109
Midland Tx 79702-3109
Attn: Land Department

RE: Request Exception to Rule 303-A
Downhole Commingle
Lou Worthan No. 15
Unit G, 1980' FNL & 1860' FEL
Sec. 11, T-22-S, R-37-E
Wantz Abo, Drinkard Formations
Drinkard Field
Lea County, New Mexico

COMPTROLLER'S DEPT. MIDLAND			
MAY 06 1994			
LLF		RDB	
GRD		CRD	
TCM		PEH	
		BR	
FNL		HER	
		GCS	
		AWW	
LUNA		CPW	
IRMS		FILE	

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Sincerely,

S. P. Guidry
Northwest Operations
Production Superintendent

tmp\jo\94005

Attachment

Agreed and accepted this 12th day of May, 1994
by Charles C. Hartman Jr. as representative of Texaco Inc.



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

OIL CONSERVATION DIVISION RECEIVED
'94 MAY 2 AM 8 50
BRUCE KING
GOVERNOR

4-26-94

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC	_____
DHC	_____ X _____
NSL	_____
NSP	_____
SWD	_____
WFX	_____
PMX	_____

Gentlemen:

I have examined the application for the:

<i>Marathon Oil Co</i>	<i>Lou Worthen</i>	<i>#15-6</i>	<i>11-22-37</i>
Operator	Lease & Well No.	Unit	S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed