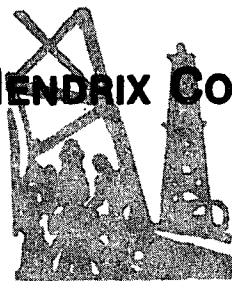


JOHN H. HENDRIX CORPORATION



NEW MEXICO OIL CONSERVATION DIVISION
RECEIVED
APR 29 1993

RELEASE 5.26.93
(915) 684-6631
223 WEST WALL, SUITE 525
MIDLAND, TEXAS 79701

April 29 , 1993

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
Energy and Mineral Department
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Attention: Mr. David R. Catanach

RE: Downhole Commingling Request
Cossatot "H" No. 1 Lease
Unit L, Section 13, T22S -
R37E, Lea County, New Mexico

Gentlemen:

John H. Hendrix Corporation respectfully requests administrative approval for an exception to Rule 303-A to permit the downhole commingling of production in the above subject well from the South Brunson Drinkard-Abo and Wantz Granite Wash Pools in Lea County, New Mexico.

Currently, the well is dual completed with the South Brunson Drinkard-Abo flowing up the annulus and the Wantz Granite Wash flowing up the tubing. Approval of this request will protect correlative rights, promote conservation and encourage the efficient recovery of oil and gas reserves.

By copy of this letter, we are notifying the offset operators of this proposed commingling. If these operators have no objections, we ask that they execute the attached waiver and return two copies to the N.M.O.C.D.

Enclosed is pertinent data supporting this application as outlined in Rule 303-A. If additional information is necessary, please contact me at (915) 684-6631.

Sincerely,

Lee Wood

LW/ah

COSSATOT "H" NO. 1

PERTINENT INFORMATION

- A) John H. Hendrix Corporation
223 W. Wall, Suite 525
Midland, TX 79701
- B) Cossatot "H" No. 1
Unit L, Section 13, T22S - R37E
Lea County, New Mexico
Commingled Zones: South Brunson Drinkard-Abo and
Wantz Granite Wash
- C) A lease plat is attached showing the location of this well. (Exhibit 1)
- D) The Form C-116 is included to show current status of South Brunson Drinkard-Abo Oil Zone and Wantz Granite Wash Zone. (Exhibit 2)
- E) Production decline curves for the South Brunson Drinkard-Abo and Wantz Granite Wash are attached. (Exhibit 3)
- F) Due to the obvious low productivity of this well and due to the fact the well would be produced in a pumped off condition, it is respectfully requested that the BHP data be waived.
- G) Due to the fact these zones are already commingled in many wells, it is requested that the gas analysis requirements be waived.
- H) Working interest and royalty ownership in the two zones is the same.
- I) The following percentages are suggested based on the analysis of past and current production.

	Anticipated Production			MCFPD
	Oil %	BOPD	Gas %	
South Brunson	19%	21	95%	2777
Drinkard-Abo				
Wantz Granite	81%	91	5%	158
Wash				
Total	100%	113	100%	2935

[illegible]

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 John H. Hendrix Corporation		Pool South Brunson Drinkard-Abo		County Lea												
Address 223 W. Wall, Suite 525, Midland, TX 79701		TYPE OF TEST - (X) <input checked="" type="checkbox"/>		Completion <input type="checkbox"/> Special <input type="checkbox"/>												
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU FT/BBL.	
		U	S	T	R							WATER BBL.S.	GRAV. OIL BBL.S.	GAS M.C.F.		
Cossatot "H"	1	L	13	22	37	2/20/93	F	-		M	24	0	37.1	1	101	101000
EXHIBIT 2																

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.

(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

Lee Wood
Lee Wood

Printed name and title

4/29/93

(915) 684-6631

Date

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

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 John H. Hendrix Corporation		Pool Wantz Granite Wash		County Lea												
Address 223 W. Wall, Suite 525, Midland, TX 79701		TYPE OF TEST - (X) <input checked="" type="checkbox"/> Scheduled <input type="checkbox"/>		Completion <input type="checkbox"/> Special <input type="checkbox"/>												
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	SIZE	CHOKE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/BBL.	
		U	S	T	R							WATER BBL.S.	GRAV. OIL BBL.S.	GAS M.C.F.		
Cossatot "H"	1	L	13	22	37	2/26/93	F	Open	35	MGW	24	1	36.8	3	6	2000
EXHIBIT 2																

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.

(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

Lee Wood

Printed name and title

4/29/93

(915)

684-6631

Date

Telephone No.

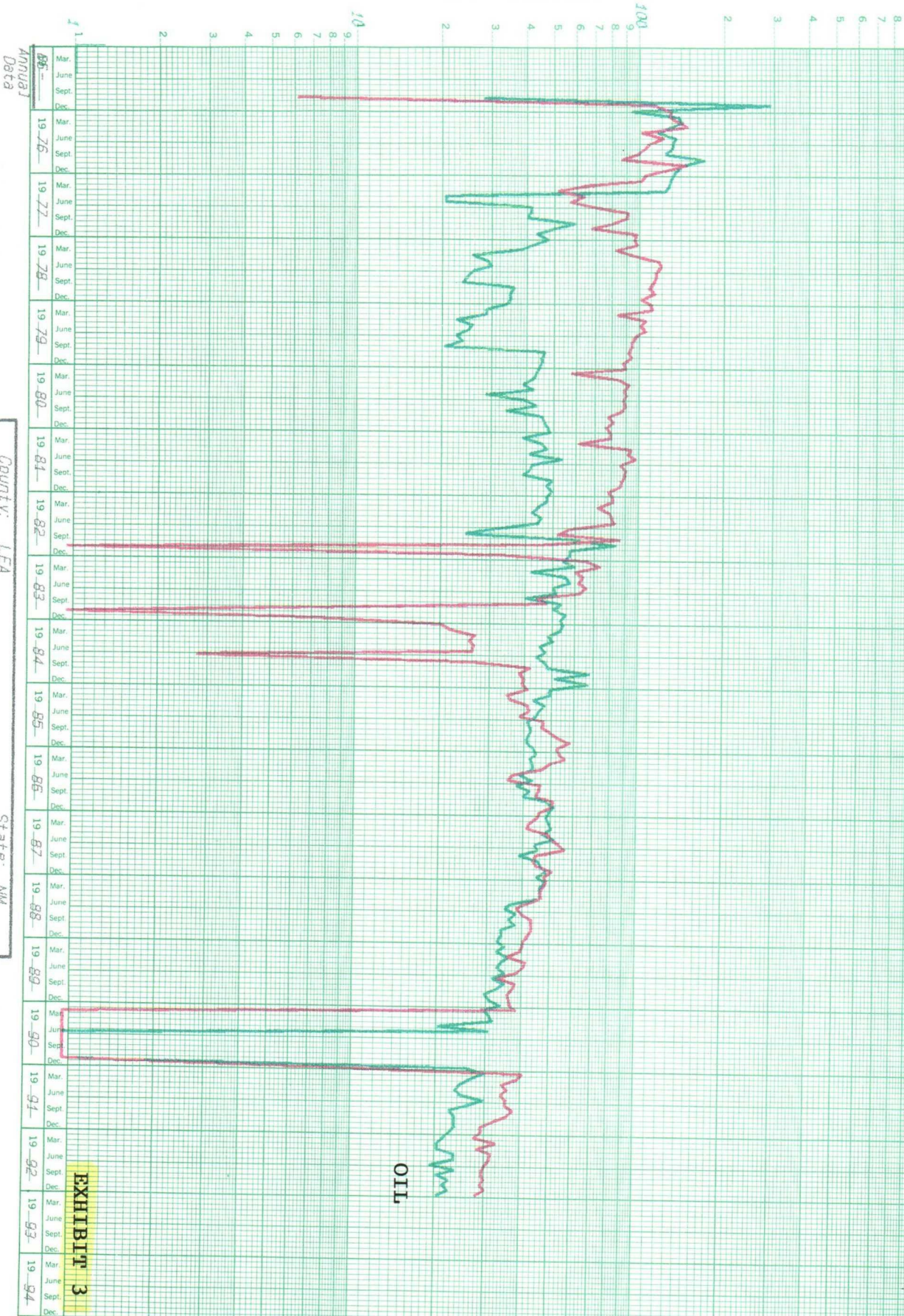
1000 Lease: COSSATOT H

000001 Dwight's ENERGYDATA INC.

Retrieval Code: 150, 025, 22537E13L000A

100000

OIL (BBL/MO)



Annual Data

Year	Quarter	Oil (BBL/MO)	Gas (MCF/MO)
1976	Mar.	10.0	100000
1976	June	10.0	100000
1976	Sept.	10.0	100000
1976	Dec.	10.0	100000
1977	Mar.	10.0	100000
1977	June	10.0	100000
1977	Sept.	10.0	100000
1977	Dec.	10.0	100000
1978	Mar.	10.0	100000
1978	June	10.0	100000
1978	Sept.	10.0	100000
1978	Dec.	10.0	100000
1979	Mar.	10.0	100000
1979	June	10.0	100000
1979	Sept.	10.0	100000
1979	Dec.	10.0	100000
1980	Mar.	10.0	100000
1980	June	10.0	100000
1980	Sept.	10.0	100000
1980	Dec.	10.0	100000
1981	Mar.	10.0	100000
1981	June	10.0	100000
1981	Sept.	10.0	100000
1981	Dec.	10.0	100000
1982	Mar.	10.0	100000
1982	June	10.0	100000
1982	Sept.	10.0	100000
1982	Dec.	10.0	100000
1983	Mar.	10.0	100000
1983	June	10.0	100000
1983	Sept.	10.0	100000
1983	Dec.	10.0	100000
1984	Mar.	10.0	100000
1984	June	10.0	100000
1984	Sept.	10.0	100000
1984	Dec.	10.0	100000
1985	Mar.	10.0	100000
1985	June	10.0	100000
1985	Sept.	10.0	100000
1985	Dec.	10.0	100000
1986	Mar.	10.0	100000
1986	June	10.0	100000
1986	Sept.	10.0	100000
1986	Dec.	10.0	100000
1987	Mar.	10.0	100000
1987	June	10.0	100000
1987	Sept.	10.0	100000
1987	Dec.	10.0	100000
1988	Mar.	10.0	100000
1988	June	10.0	100000
1988	Sept.	10.0	100000
1988	Dec.	10.0	100000
1989	Mar.	10.0	100000
1989	June	10.0	100000
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1990	Dec.	10.0	100000
1991	Mar.	10.0	100000
1991	June	10.0	100000
1991	Sept.	10.0	100000
1991	Dec.	10.0	100000
1992	Mar.	10.0	100000
1992	June	10.0	100000
1992	Sept.	10.0	100000
1992	Dec.	10.0	100000
1993	Mar.	10.0	100000
1993	June	10.0	100000
1993	Sept.	10.0	100000
1993	Dec.	10.0	100000
1994	Mar.	10.0	100000
1994	June	10.0	100000
1994	Sept.	10.0	100000
1994	Dec.	10.0	100000

County: LEA

State: NM

Field: BRUNSON SOUTH (DRINKARD ABO)

DA

Reservoir: DRINKARD ABO

Operator: HENDRIX JOHN H CORP

Oil Cum: 13622 Gas Cum: 1427273

Location: 141 225 27F

F.P. Date 10-73

Date: 01-24-93

Retrieval Code: 150.025.22537E131 005W

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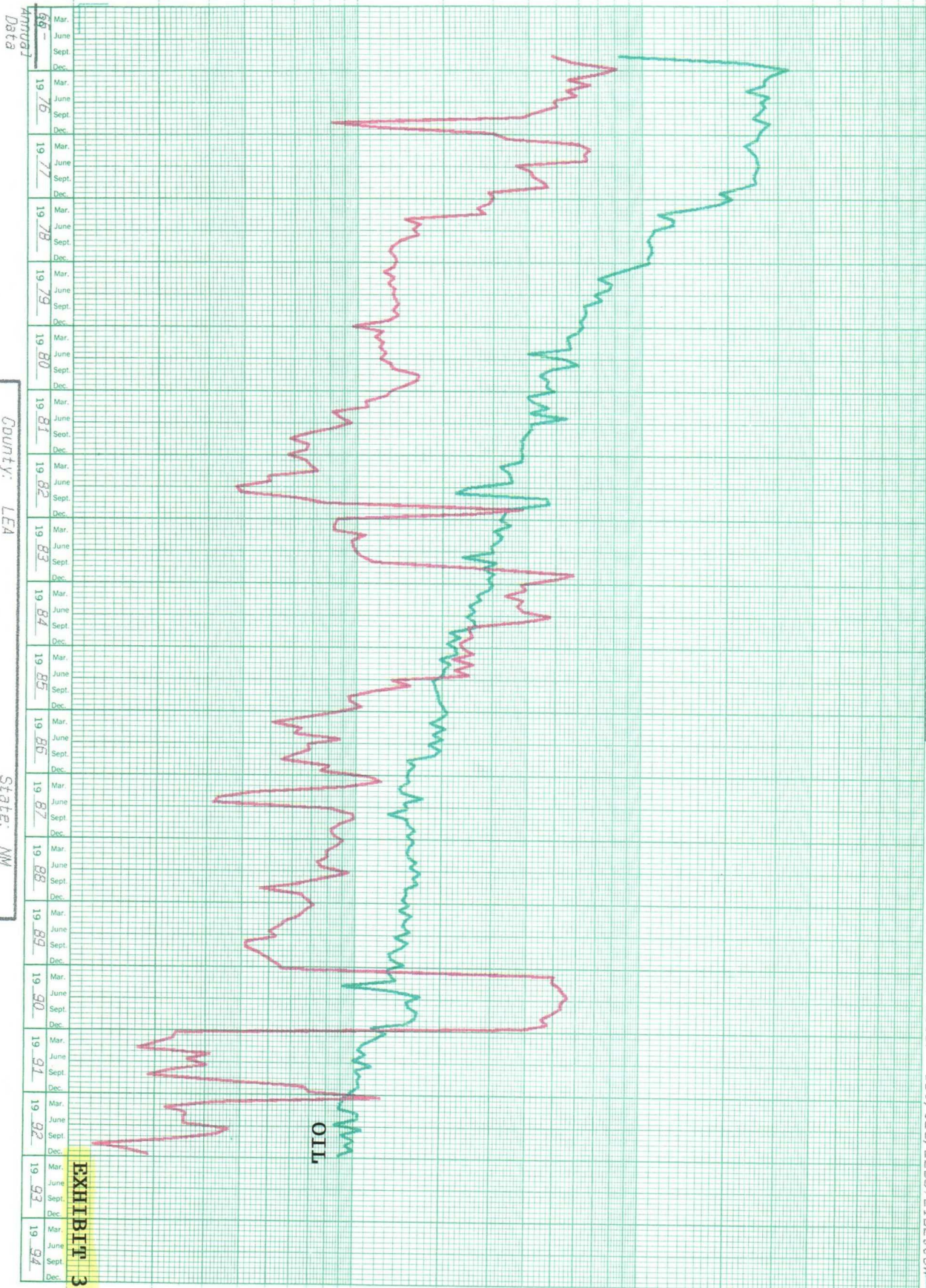
GAS (MCF/MO)

10000

1000

III

100



## Annual Data

County: LEA

State: NM

Field: WANTZ (GRANITE WASH)

GM

Reservoir: GRANITE WASH

Operator: HENDRIX JOHN H CORP

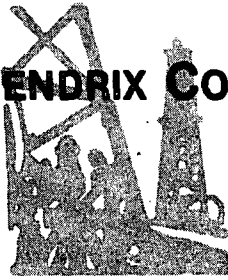
Oil Cum: 182881 Gas Cum: 553026

F.P. Date 05-73

Innovation: 431 225 275

Date: 01-24-93

# JOHN H. HENDRIX CORPORATION



(915) 684-6631  
223 WEST WALL, SUITE 525  
MIDLAND, TEXAS 79701

April 29, 1993

## CERTIFIED MAIL

RE: Waiver Request to Downhole  
Commingle South Brunson  
Drinkard-Abo and Wantz  
Granite Wash Pools,  
Cossatot "H" No. 1,  
Unit L, Section 13, T22S -  
R37E, Lea County, New Mexico

TO: OFFSET OPERATORS

Attached is a copy of John H. Hendrix Corporation's administrative application for N.M.O.C.D. approval to downhole commingle South Brunson Drinkard-Abo and Wantz Granite Wash Pools in our Cossatot "H" No. 1. Approval of this application will promote conservation and encourage the efficient recovery of oil and gas reserves.

As an offset operator, if you do not have any objections to the attached application, please sign the enclosed waivers and mail the two copies to the N.M.O.C.D. in Santa Fe and one copy to the N.M.O.C.D. in Hobbs. We would also request that you send a copy to John H. Hendrix Corporation in Midland. We have enclosed self addressed, stamped envelopes for your convenience.

If you have any questions, please call me at (915) 684-6631. Your prompt consideration in the above matter is appreciated.

Yours very truly,

A handwritten signature in cursive script, appearing to read "Lee Wood".

Lee Wood

Attachments



April 29, 1993

RE: Request to Downhole  
Commingle (Cossatot "H" #1)  
South Brunson Drinkard-Abo  
and Wantz Granite Wash  
Pools, Unit L, Section 13,  
T22S -R37E, Lea County,  
New Mexico

Mr. William J. LeMay, Director  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Attention: David R. Catanach

As an offset operator, the undersigned has no objection to the John H. Hendrix Corporation application to the downhole commingling of the South Brunson Drinkard-Abo and Wantz Granite Wash Pools in the captioned well bore.

Approved By: \_\_\_\_\_

Representing: \_\_\_\_\_

Date: \_\_\_\_\_

OFFSET OPERATORS TO  
JOHN H. HENDRIX CORPORATION'S  
COSSATOT "H" NO. 1

Exxon Company USA  
P. O. Box 1600  
Midland, TX 79702

Marathon Oil Company  
P. O. Box 552  
Midland, TX 79702

Chevron Operating Co. Inc.  
P. O. Box 670  
Hobbs, NM 88240

OIL CONSERVATION DIVISION  
RECEIVED

'93 JUN 1 AM 9 15

April 29, 1993

RE: Request to Downhole  
Commingle (Cossatot "H" #1)  
South Brunson Drinkard-Abo  
and Wantz Granite Wash  
Pools, Unit L, Section 13,  
T22S -R37E, Lea County,  
New Mexico

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

Attention: David R. Catanach

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Approved By: 78 Godbold  
Representing: Chevron U.S.A. Production Co.  
Date: 5/26/93



OIL CONSERVATION DIVISION  
RECEIVED

'93 JUN 7 AM 9 29

April 29, 1993

RE: Request to Downhole  
Commingle (Cossatot "H" #1)  
South Brunson Drinkard-Abo  
and Wantz Granite Wash  
Pools, Unit L, Section 13,  
T22S -R37E, Lea County,  
New Mexico

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

Attention: David R. Catanach

As an offset operator, the undersigned has no objection to the John H. Hendrix Corporation application to the downhole commingling of the South Brunson Drinkard-Abo and Wantz Granite Wash Pools in the captioned well bore.

Approved By: C. H. Harper C.H. HARPER - PERMITS SUPERVISOR

Representing: EXXON CO., U.S.A.

Date: 5-28-93