

RELEASE 5.26.93

# JOHN H. HENDRIX CORPORATION



CONSERVATION DIVISION  
RECEIVED  
APR 29 1993

(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*  
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 Drinkard-Abo	19%	21	95%	2777
Wantz Granite Wash	81%	91	5%	158
Total	100%	113	100%	2935



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

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

Form C-116  
Revised 1/1/89

# OIL CONSERVATION DIVISION

## GAS - OIL RATIO TEST

Operator <b>John H. Hendrix Corporation</b>		Pool <b>South Brunson Drinkard-Abo</b>		County <b>Lea</b>											
Address <b>223 W. Wall, Suite 525, Midland, TX 79701</b>		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	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.		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
<b>EXHIBIT 2</b>															

**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.

*Lee Wood*

Signature

Lee Wood

Printed name and title

4/29/93

Date

(915) 684-6631

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  
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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 <b>John H. Hendrix Corporation</b>		Pool <b>Wantz Granite Wash</b>		County <b>Lea</b>												
Address <b>223 W. Wall, Suite 525, Midland, TX 79701</b>		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	SIZES	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	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  
**Lee Wood**

Date  
**4/29/93**

Telephone No.  
**(915) 684-6631**

1000 Lease: COSSATOT H

000001

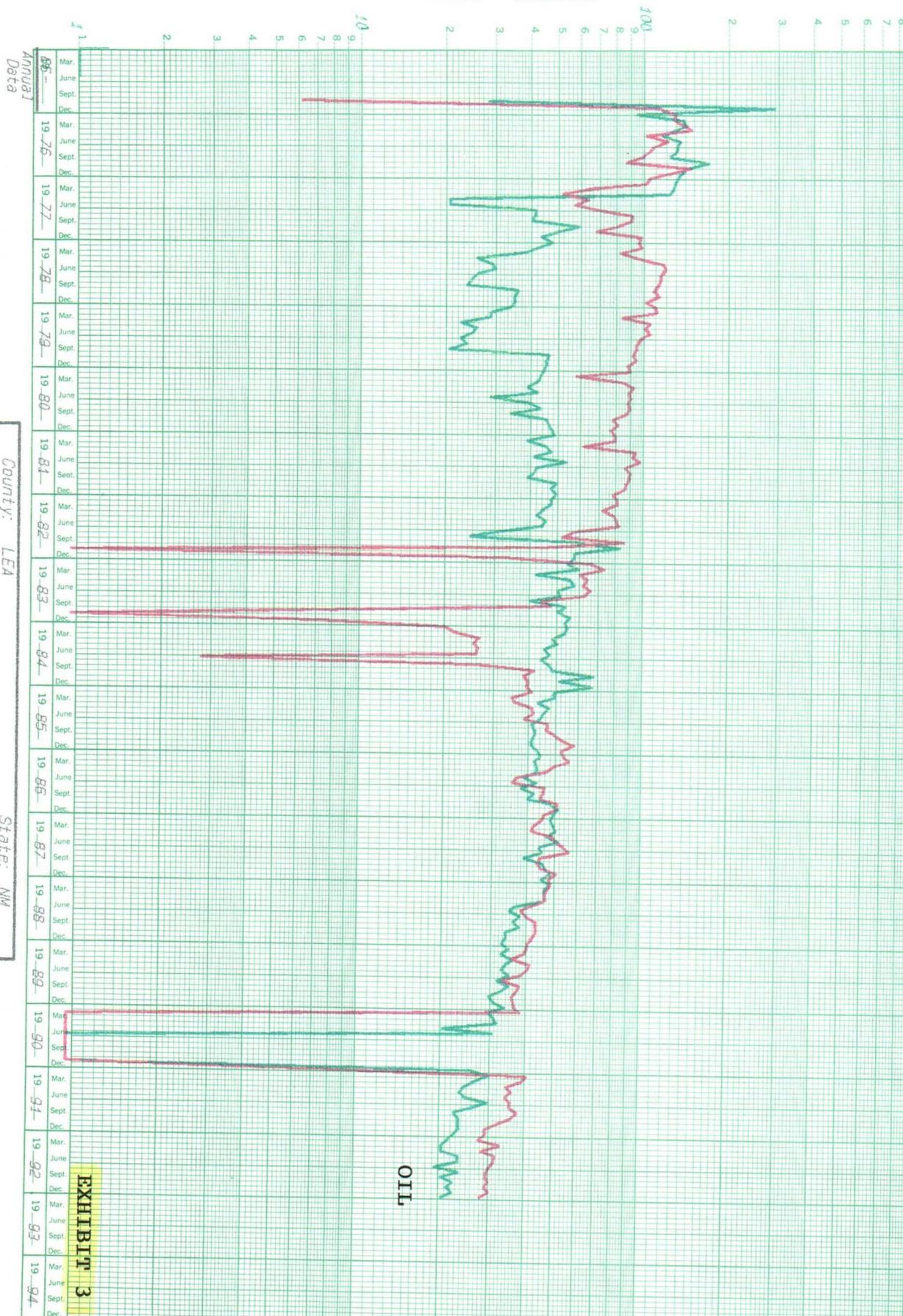
Dwight's ENERGYDATA Inc.

Inc.

Retrieval Code: 150, 025, 22637E13L0004

1000000

OIL (BBL/MO)



OIL

GAS (MCF/MO)

Annual Data

1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Mar.																		
June																		
Sept.																		
Dec.																		

County: LEA State: NM  
 Field: BRUNSON SOUTH (DRINKARD ABO)  
 Reservoir: DRINKARD ABO  
 Operator: HENDRIX JOHN H CORP  
 OI Cum: 13622 Gas Cum: 1427273  
 Inratim: 19 225 97E

F.P. Date 10-73

Date: 01-24-93

10000 Lease: COSSATOR H

000001 Dwight's ENERGYDATA Inc.

Retrieved Code: 150, 025, 22837E13L00GW

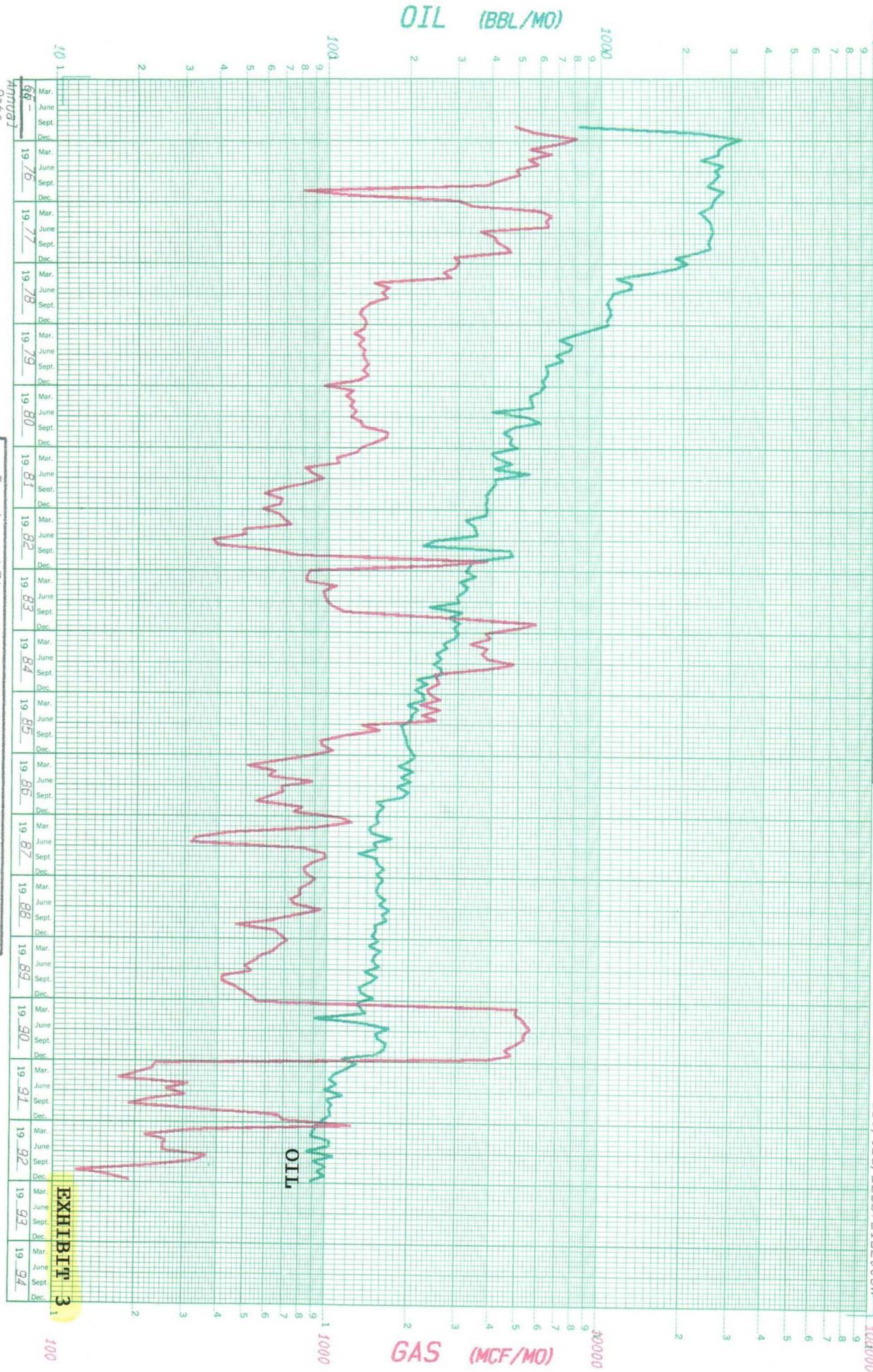


EXHIBIT 3

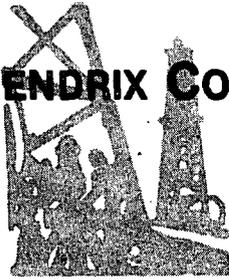
Annual Data

County: LEA State: NM  
 Field: WANTZ (GRANITE WASH) GW  
 Reservoir: GRANITE WASH  
 Operator: HENDRIX JOHN H CORP  
 Oil Cum: 182881 Gas Cum: 553026  
 Location: 191 225 27F

F.P. Date 05-73

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,

  
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

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RECEIVED

'93 JUN 1 AM 9 15

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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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Attention: David R. Catanach

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

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'93 JUN 7 AM 9 29

April 29, 1993

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South Brunson Drinkard-Abo  
and Wantz Granite Wash  
Pools, Unit L, Section 13,  
T22S -R37E, Lea County,  
New Mexico

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Attention: David R. Catanach

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

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

Date: 5-28-93