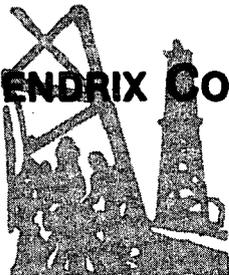


# JOHN H. HENDRIX CORPORATION



OIL CONSERVATION DIVISION  
RECEIVED

1993 MAY 13 AM 8 50

RELEASE 6-1-93

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

May 6, 1993

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

Attention: Mr. David R. Catanach

RE: Downhole Commingling Request  
Cossatot "F" No. 1 Lease  
Unit C, Section 23, T22S -  
R37E, Lea County, New Mexico

Gentlemen:

John H. Hendrix Corporation respectfully requests administrative approval to downhole commingle the Drinkard and Wantz Granite Wash production. Approval of this request will protect correlative rights, and encourage the efficient recovery of oil and gas reserves.

Currently the well is dual completed with the Drinkard flowing up the casing and Wantz Granite Wash pumped up the tubing.

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,

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

Lee Wood

LW/ah  
Enclosures

COSSATOT "F" NO. 1  
PERTINENT INFORMATION

- A) John H. Hendrix Corporation  
223 W. Wall, Suite 525  
Midland, TX 79701
- B) Cossatot "F" No. 1  
Unit C, Section 23, T22S - R37E  
Lea County, New Mexico  
Commingled Zones: Drinkard 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 Drinkard Oil Zone and Wantz Granite Wash Zone. (Exhibit 2)
- E) Production decline curves for the Drinkard and Wantz Granite Wash are attached. (Exhibit 3)
- F) 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.

	<u>Anticipated Production</u>			<u>MCFPD</u>
	<u>Oil %</u>	<u>BOPD</u>	<u>Gas %</u>	
Wantz Granite Wash	33%	1	46%	45
Drinkard	67%	2	54%	52
	-----	-	-----	-----
Total	100%	3	100%	97





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 <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	STATES	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		OIL BBL.S.	GAS M.C.F.
Cossatot "F"	1	C	23	22	37	3/6/93	P	Open	35	M	24	0	39	2	16	18000
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

5/6/93

Date

(915) 684-6631

Telephone No.

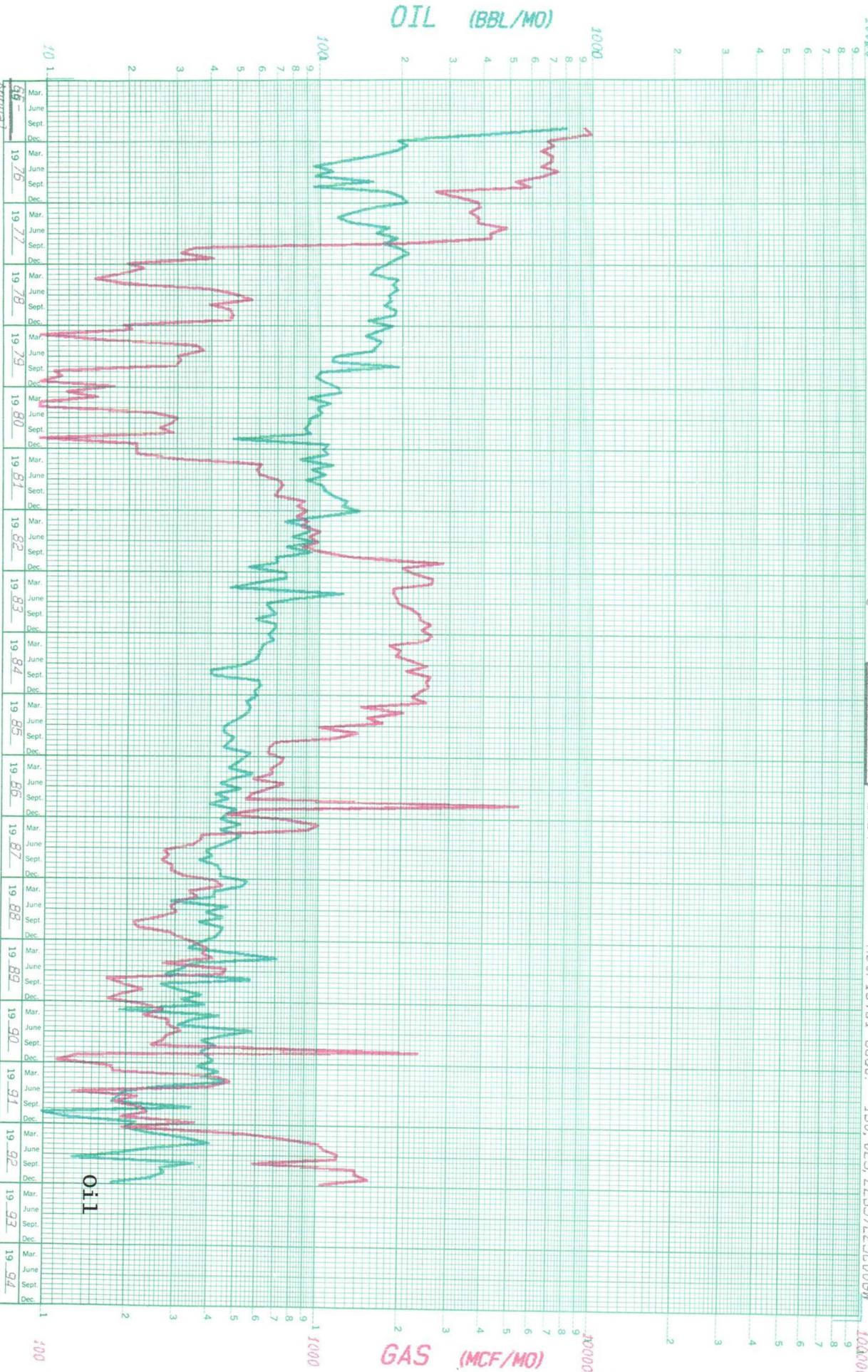


10000 Lease: COSSA TOT F

000001 Dwight's ENERGYDATA Inc.

Retrieval Code: 150, 025, 22537E230006W

100000



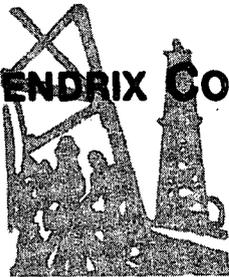
County: LEA State: NM  
 Field: WANTZ (GRANITE WASH)  
 Reservoir: GRANITE WASH  
 Operator: HENDRIX JOHN H CORP  
 Oil Cum: 32635 Gas Cum: 550025  
 Location: 290 225 37F

F.P. Date 02-73

Date: 01-29-93

Exhibit 3

# JOHN H. HENDRIX CORPORATION



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

May 6, 1993

CERTIFIED MAIL

RE: Waiver Request to Downhole  
Commingle Drinkard and Wantz  
Granite Wash Pools, Cossatot  
"F" No. 1, Unit C, Section  
23, 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 Drinkard and Wantz Granite Wash Pools in our Cossatot "F" 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

May 6, 1993

RE: Request to Downhole  
Commingle (Cossatot "F" #1)  
Drinkard and Wantz Granite  
Wash Pools, Unit C, Section  
23, 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 Drinkard and Wantz Granite Wash Pools in the captioned well bore.

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

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

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

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

Chevron USA Inc.  
P. O. Box 670  
Hobbs, NM 88240

Mobil Exploration & Producing USA, Inc.  
P. O. Box 633  
Midland, TX 79702

Amerada Hess Corporation  
Drawer D  
Monument, NM 88265

Conoco, Inc.  
#10 Desta Drive  
Midland, TX 79705-4500



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

RECEIVED  
93 MAR 17 AM 10 44

5-12-93

BRUCE KING  
GOVERNOR

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  \_\_\_\_\_
- NSL \_\_\_\_\_
- NSP \_\_\_\_\_
- SWD \_\_\_\_\_
- WFX \_\_\_\_\_
- PMX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

<i>John H. Hendrix Corp.</i>	<i>Cessatad 2</i>	<i>#1-C</i>	<i>23-22-37</i>
Operator	Lease & Well No.	Unit	S-T-R

and my recommendations are as follows:

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Yours very truly,

Jerry Sexton  
Supervisor, District 1

/ed