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99 (915) 684-6631 223 WEST WALL, SUITE 525 MIDLAND, TEXAS 79701

May 12, 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 "G" No. 1 Lease Unit F, Section 13, T22S -R37E, Lea County, New Mexico

Gentlemen:

John H. Hendrix Corporation respectfully requests administrative approval to downhole commingle the South Brunson Drinkard-Abo 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 South Brunson Drinkard-Abo 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) 68#76631.

Sincerel Lee Wood

LW/ah Enclosures

COSSATOT "G" NO. 1 PERTINENT INFORMATION

A) John H. Hendrix Corporation
223 W. Wall, Suite 525
Midland, TX 79701

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- B) Cossatot "G" No. 1 Unit F, 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 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.

	Antici	pated Prod	luction	
	<u>0il %</u>	BOPD	Gas %	MCFPD
Wantz Granite Wash	57%	8	16%	13
South Brunson Drinkard-Abo	43%	6	84%	67
				
Total	100%	14	100%	80

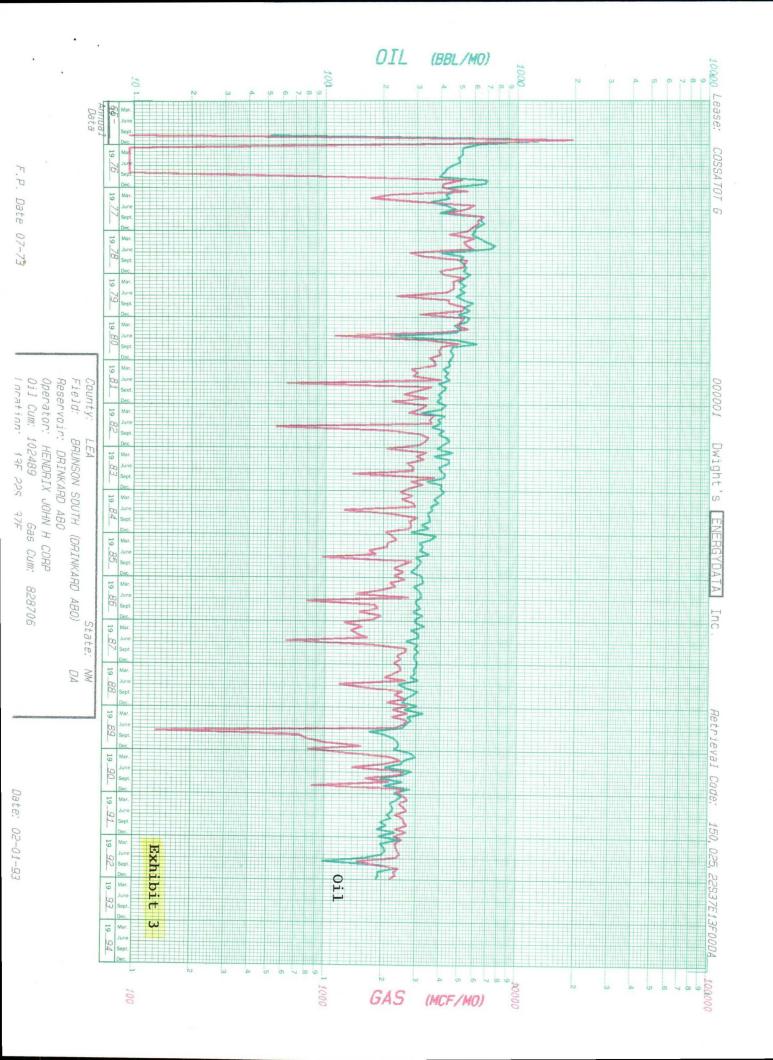
JOHN H. HENDRIX CORPORATION MIDLAND, TEXAS

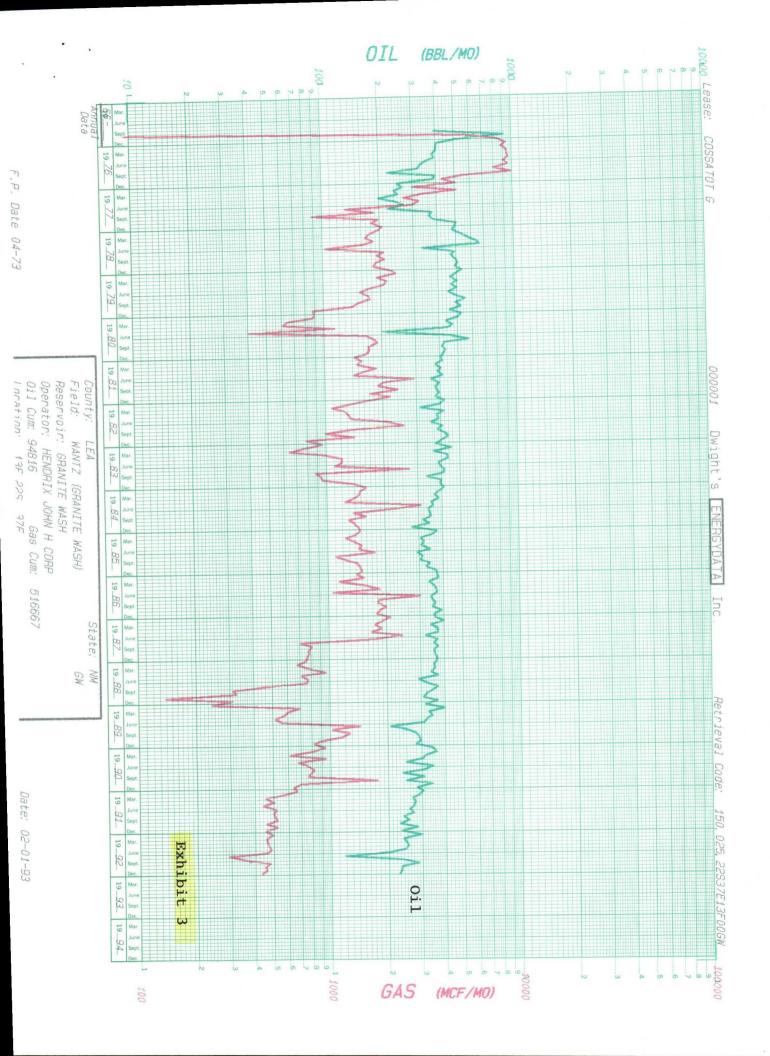
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(See Rule 301, Rule 1116 & appropriate pool rules.)	Report casing pressure in lieu of tubing pressure for any well producing through casing.	Uas volumes must be reported in MCr measured at a pressure base of 13.023 psia and a temperature of Specific gravity base will be 0.60.	order that well can be assigned increased allowables when authorized by the Division.	which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in	During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in	Instructions:			 							Cossatot G 1 F	i 	LEASE NAME NO. U	WELL	23 W. Wall, Suite 525.	Address	John H. Hendrix Corporation	Operator		1000 Rio Brazos Rd., Aztec, NM 87410	DISTRICT III	P.O. Drawer DD. Artesia. NM 88210	P.O. Box 1980, Hobbs, NM 88240	DISTRICT I	Submit 2 copies to Appropriate
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(915) 684-6631 223 WEST WALL, SUITE 525 MIDLAND, TEXAS 79701

May 10, 1993

CERTIFIED MAIL

RE: Waiver Request to Downhole Commingle South Brunson Drinkard-Abo and Wantz Granite Wash Pools, Cossatot "G" No. 1, Unit F, 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 "G" 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.

erv/truly, Your Lee Wood

Attachments

May 12, 1993

RE: Request to Downhole Commingle (Cossatot "G" #1) South Brunson Drinkard-Abo and Wantz Granite Wash Pools, Unit F, 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 "G" NO. 1

Anakarko P. O. Box 2497 Midland, TX 79702

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

Exxon Company USA P. O. Box 1600 Midland, TX 79701

Marathon P. O. Box 552 Midland, TX 79702

> JOHN H. HENDRIX CORPORATION MIDLAND, TEXAS

AL CONSERT ON DIVISION RECEIVED

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May 12, 1993

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Attention: David R. Catanach

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Approved By: <u>[</u> .	N. Nar	per	<u>C.H. HARPER</u>	- PERMITS	SUPERVISOR
Representing:	EXXON CO.,	U.S.A.			
Date: <u>5-28-</u>	93				

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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	X	
NSL	·	
NSP		
SWD		
WFX		
PMX		

Gentlemen:

I have examined the application for the:

John H- Hendring Carp: Cossatat & #1-F 13-22-37 Operator Vease & Well No. Unit S-T-R

and my recommendations are as follows:

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Yours very truly, Serv Jerry Sexton Supervisor, District 1

/ed