KELEASE 5.19.93



OIL CONSERVATION DIVISION RECEIVED

193 日日 311 日間(9)5)1684-6631 223 WEST WALL, SUITE 525 MIDLAND, TEXAS 79701

April 27, 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 "B" No. 2 Lease Unit M, Section 12, T225 -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 "B" NO. 2

### PERTINENT INFORMATION

- A) John H. Hendrix Corporation
  223 W. Wall, Suite 525
  Midland, TX 79701
- B) Cossatot "B" No. 2 Unit M, Section 12, 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.

	Antici	luction		
	<u>0il %</u>	BOPD	Gas %	MCFPD
South Brunson Drinkard-Abo	25%	1	608	38
Wantz Granite Wash	75%	4	40%	25
Total	100%	5	100%	63

### PERTINENT INFORMATION

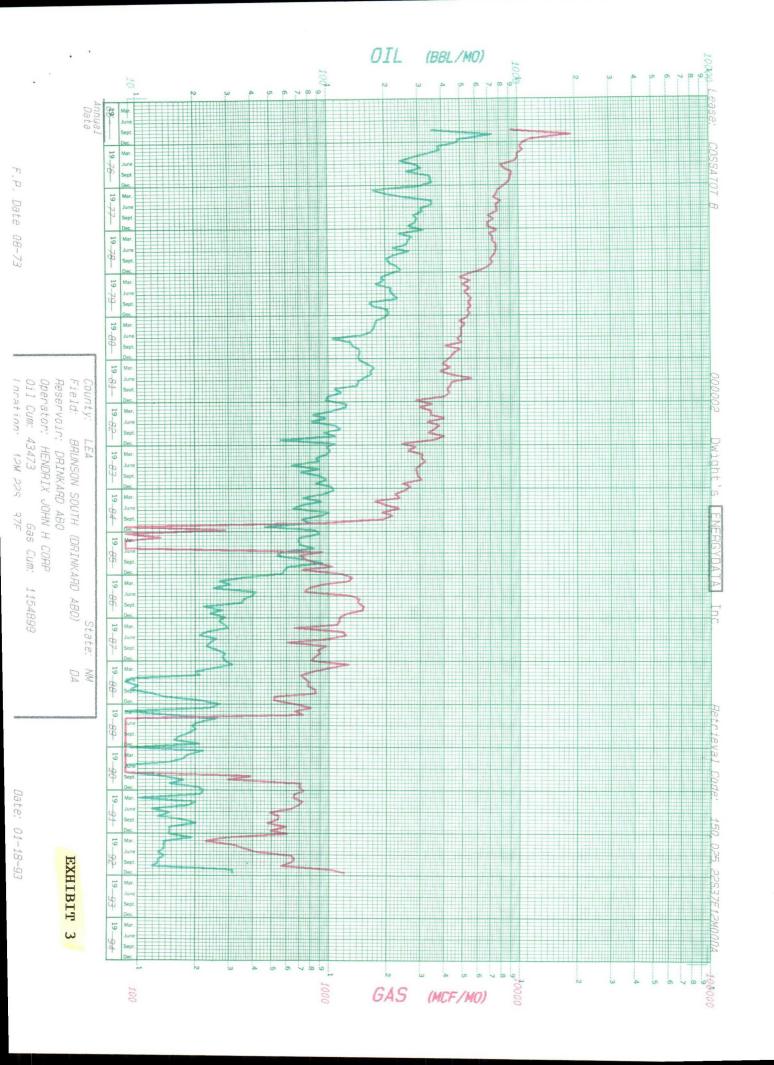
## PAGE NO. 2

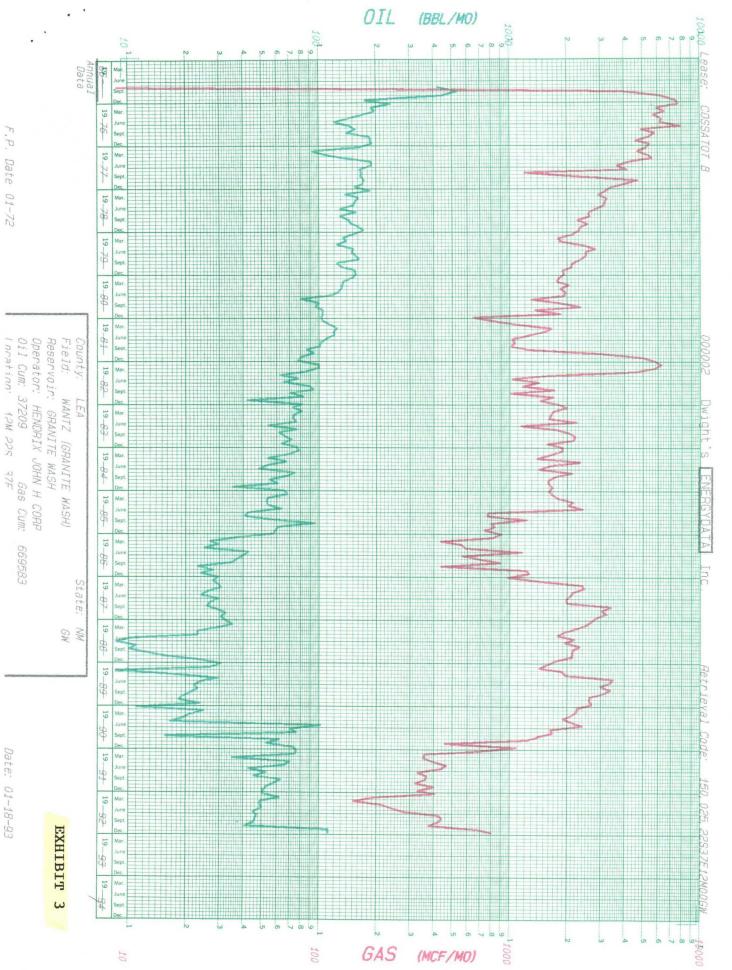
J) By copy of this letter, we are notifying the offset operators of this proposed commingling by certified mail.

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(See Rule 301, Rule 1116 & appropriate pool rules.)	Specific gravity base will be older. Report casing pressure in lieu of tubing pressure for any well producing through casing.	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 Coeffic maying base will be 0.60	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	Instructions:					Cossatot "B"		LEASE NAME	223 W. Wall, Suite	John H. Hendrix	Operator		1000 Rio Brazos Rd., Aztec, NM 87410	P.O. Drawer DD, Artesia, NM 88210	P.O. Box 1980, Hobbs, NM 88240	Submit 2 copies to Appropriate District Office.
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(See Rule 301, Rule 1116 & appropriate pool rules.)	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.	Instructions:					Cossatot "B" 2	LEASE NAME NO.	WELL	223 W. Wall, Suite 525.	John H. Hendrix Corporation	Operator		1000 Rio Brazos Rd., Aztec, NM 87410	P.O. Drawer DD, Artesia, NM 88210	P.O. Box 1980, Hobbs, NM 88240 DISTRICT II	Submit 2 copies to Appropriate District Office. DISTRICT I
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Telephone No.	684-6631	is true and				1 <sup>4</sup>	4663									Kevised 1/1/89	Form C-116





April 27, 1993

RE: Request to Downhole Commingle (Cossatot "B" #2) South Brunson Drinkard-Abo and Wantz Granite Wash Pools, Unit M, Section 12, 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:\_\_\_\_\_



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

April 27, 1993

CERTIFIED MAIL

RE: Waiver Request to Downhole Commingle South Brunson Drinkard-Abo and Wantz Granite Wash Pools, Cossatot "B" No. 2, Unit M, Section 12, T22S -R37E, Lea County, New Mexico

#### OFFSET OPERATORS TO:

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 "B" No. 2. 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 gruly,

Lee Wood

Attachments

### OFFSET OPERATORS TO

### JOHN H. HENDRIX CORPORATION'S

### COSSATOT "B" NO. 2

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

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

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

Zachary Oil Operating Company 1212 Commerce Bldg. Ft. Worth, TX 76102 DIL CONSERVE OUN DIVISION RECEIVED

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April 27, 1993

RE: Request to Downhole Commingle (Cossatot "B" #2) South Brunson Drinkard-Abo and Wantz Granite Wash Pools, Unit M, Section 12, 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:	Clande Bolling - Pet.	Eugs
Representing:	Chevrow W.S.A.	
Date:	Macj 18, 1993	

STATE OF NEW MEXICO



# ENERGY, MINERALS AND NATURAL RESOURCES DERARTMENT A DIVISION

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE , RECELVED

'93 MA\* 3 AM 9 52

4-30-93

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

BRUCE KING GOVERNOR

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

RE: Proposed:

MC			
DHC	X		
NSL <sup></sup>			
NSP <sup></sup>			
SWD_			
WFX		 	
PMX <sup></sup>		 	

Gentlemen:

I have examined the application for the:

Cassatat & #2-M 12-22-37 se & Well No. Unit S-T-R

and my recommendations are as follows:

Yours very truly,

Derry Sexton Supervisor, District 1

/ed