RECEASE 5.18.93

NORIX CORPORATION OIL CONSER LA CAN DIVISION

RECRIVED

* 96 유민 건설 위한 9 05 (915) 684-6631 MIDLAND, TEXAS 79701

April 26, 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

Downhole Commingling Request RE: Cossatot "B" No. 3 Lease Unit N, Section 12, T22S -R37E, Lea County, New Mexico

Gentlemen:

Hendrix Corporation respectfully requests John H. 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) 684-6631.

Lee Wood

LW/ah Enclosures

COSSATOT "B" NO. 3 PERTINENT INFORMATION

- A) John H. Hendrix Corporation 223 W. Wall, Suite 525 Midland, TX 79701
- B) Cossatot "B" No. 3
 Unit N, 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 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				
	<u>0il %</u>	BOPD	Gas %	MCFPD	
Wantz Granite Wash	80%	4	40%	26	
South Brunson Drinkard-Abo	20%	1	60%	39	
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Total	100%	5	100%	65	

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DISTRICT I P.O. Box 1980, Hobbs, NM 88240 District Office. Submit 2 copies to Appropriate P.O. Drawer DD, Artesia, NM 88210 DISTRICT III DISTRICT II

1000 Rio Brazos Rd., Aztec, NM 87410

Energy, Minerals and Natural Resources Department State of New Mexico

Revised 1/1/89 Form C-116

OIL CONSERVATION DIVISION

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

GAS - OIL RATIO TEST

Cossatot "B" 3 N 12 2	LEASE NAME WELL LOCATION U S T	Address 223 W. Wall, Suite 525, Midland, TX	Operator John H. Hendrix Corporation
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38000	GAS - OIL RATIO CU.FT/BBL		

Instructions:

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

Specific gravity base will be 0.60. Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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Signa	
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4/26/93 Lee Wood

Printed name and title

(915)Lelephone No. 684-6631

Submit 2 copies to Appropriate
District Office.
DISTRICT1
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

Form C-116 Revised 1/1/89

OIL CONSERVATION DIVISION

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

GAS - OIL RATIO TEST

		Cossatot "B"	LEASE NAME	Address 223 W. Wall, Suite	John H. Hendrix Corporation	
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Ñ		14	GAS	Special		
		4667	GAS - OIL RATIO CU.FT/BBL			

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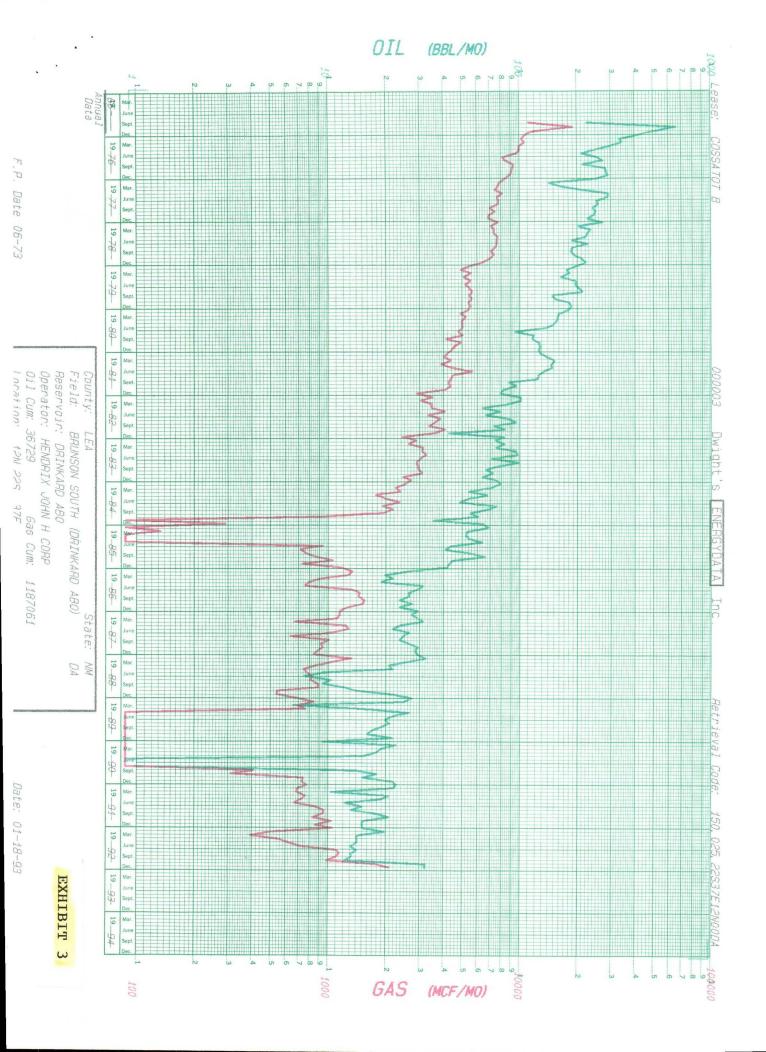
(See Rule 301, Rule 1116 & appropriate pool rules.)

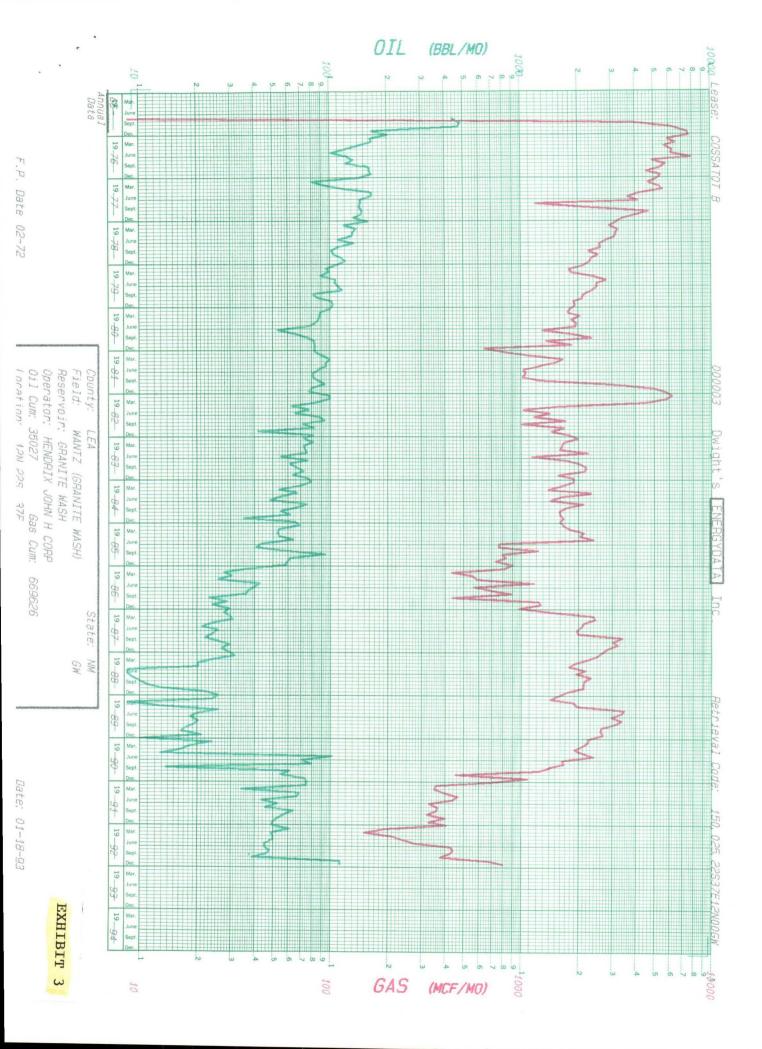
Date

4/26/93

(915) 684-6631 Telephone No.

rinted name and title	Lee Wood	Signature	to had	complete to the best of my knowledge and belief.	incred schart and are above unorillation is true an
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April 26, 1993

RE: Request to Downhole
Commingle (Cossatot "B" #3)
South Brunson Drinkard-Abo
and Wantz Granite Wash
Pools Unit N, 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

Approved By:_	 	
Representing:	 	
Date:		

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

April 26, 1993

CERTIFIED MAIL

RE: Waiver Request to Downhole
Commingle South Brunson
Drinkard-Abo and Wantz
Granite Wash Pools,
Cossatot "B" No. 3,
Unit N, Section 12, 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 "B" No. 3. 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

OFFSET OPERATORS TO

JOHN H. HENDRIX CORPORATION'S

COSSATOT "B" NO. 3

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 April 26, 1993

RE: Request to Downhole
Commingle (Cossatot "B" #3)
South Brunson Drinkard-Abo
and Wantz Granite Wash
Pools Unit N, 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

Approved By:_		29	racha	121
Representing:	ZACHARY	OIL	OPERATING	COMPANY
Date: 4/30/9	3			

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April 26, 1993

RE: Request to Downhole
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South Brunson Drinkard-Abo
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Pools Unit N, 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

Approved By:	Mygo	chang
Representing	ZACHARYOIL	OPERATING COMPANY
Date:	/30/93	

OIL CONSERVE TON DIVISION

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April 26, 1993

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South Brunson Drinkard-Abo
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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

Approved By: C. J. Lan perc. H. HARPER - PERMITS SUPERVISO)R
Representing: EXXON CO., U.S.A.	
Date: 5-28-93	

PECEIVED PROPERTY OF STATE OF

April 26, 1993

RE: Request to Downhole
Commingle (Cossatot "B" #3)
South Brunson Drinkard-Abo
and Wantz Granite Wash
Pools Unit N, 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

Approved By:_	Clark Dohling	- Ket Engr
Representing:	Chevron U.S.A.	g
Date:	May 18, 1993	·
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STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION RECEIVED 4-30-93 MAR 13 AM 9 52 HOBBS DISTRICT OFFICE

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 NSP SWD WFX PMX
Gentlemen:
I have examined the application for the: John W. Hendriy Corp. Cassatat B #3-N 12-22-37 Operator Lease & Well No. Unit S-T-R
Operator / /Lease & Well No. Unit S-T-R
and my recommendations are as follows:
Yours very truly,
Jerry Sexton Supervisor, District 1
/ed