



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

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

DHC-908

RE: Proposed:

MC \_\_\_\_\_  
DHC   X   \_\_\_\_\_  
NSL \_\_\_\_\_  
NSP \_\_\_\_\_  
SWD \_\_\_\_\_  
WFX \_\_\_\_\_  
PMX \_\_\_\_\_

Gentlemen:

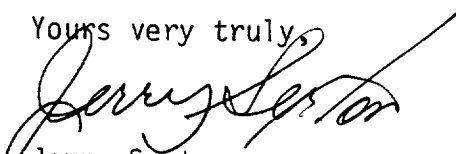
I have examined the application for the:

John H. Hendrix Corp CossatotA #1-B 12-22-37  
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

  
Jerry Sexton  
Supervisor, District 1

/ed

# JOHN H. HENDRIX CORPORATION



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

June 15, 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 "A" No. 1 Lease  
Unit B, Section 12, T22S -  
R37E, Lea County, New Mexico

Gentlemen:

John H. Hendrix Corporation respectfully requests administrative approval to downhole commingle the South Brunson Drinkard-Abo and Blinebry 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 Blinebry flowing 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,

  
Lee F. Wood

LW/ah  
Enclosures

COSSATOT "A" NO. 1  
PERTINENT INFORMATION

- A) John H. Hendrix Corporation  
223 W. Wall, Suite 525  
Midland, TX 79701
- B) Cossatot "A" No. 1  
Unit B, Section 12, T22S - R37E  
Lea County, New Mexico  
Commingled Zones: South Brunson Drinkard-Abo and  
Blinebry
- 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 Blinebry Zone. (Exhibit 2)
- E) Production decline curves for the South Brunson Drinkard-Abo and Blinebry 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>	
Blinebry	90%	9	8%	18
South Brunson	10%	1	92%	205
Drinkard-Abo	—	—	—	—
Total	100%	10	100%	223

52-4

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>Blinebry</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/8BL.	
		U	S	T							R	WATER BBL.S.	GRAV. OIL BBL.S.		GAS M.C.F.
Cossatot "A"	1	B	12	22	37	10/06/92 F	Open	60	M	24	0	37.9	3	32	10667
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 F. Wood

Printed name and title

6/16/93

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  
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

Operator John H. Hendrix Corporation		Pool South Brunson Drinkard-Abo		County Lea											
Address 223 W. Wall, Suite 525, Midland, TX 79701		TYPE OF TEST - (X)		Scheduled <input checked="" type="checkbox"/> Special <input type="checkbox"/>											
LEASE NAME Cossatot "A"	WELL NO. 1	LOCATION U S T R			DATE OF TEST 8/10/92	STATUS F	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS 24	Completion <input type="checkbox"/>			GAS - OIL RATIO CU. FT/8BL.	
		PROD. DURING TEST WATER GRAV. OIL BBL.S. OIL BBL.S. GAS M.C.F.													
	B	12	22	37				60	M		1	37.1	9	23	2556
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 F. Wood

Printed name and title

6/16/93

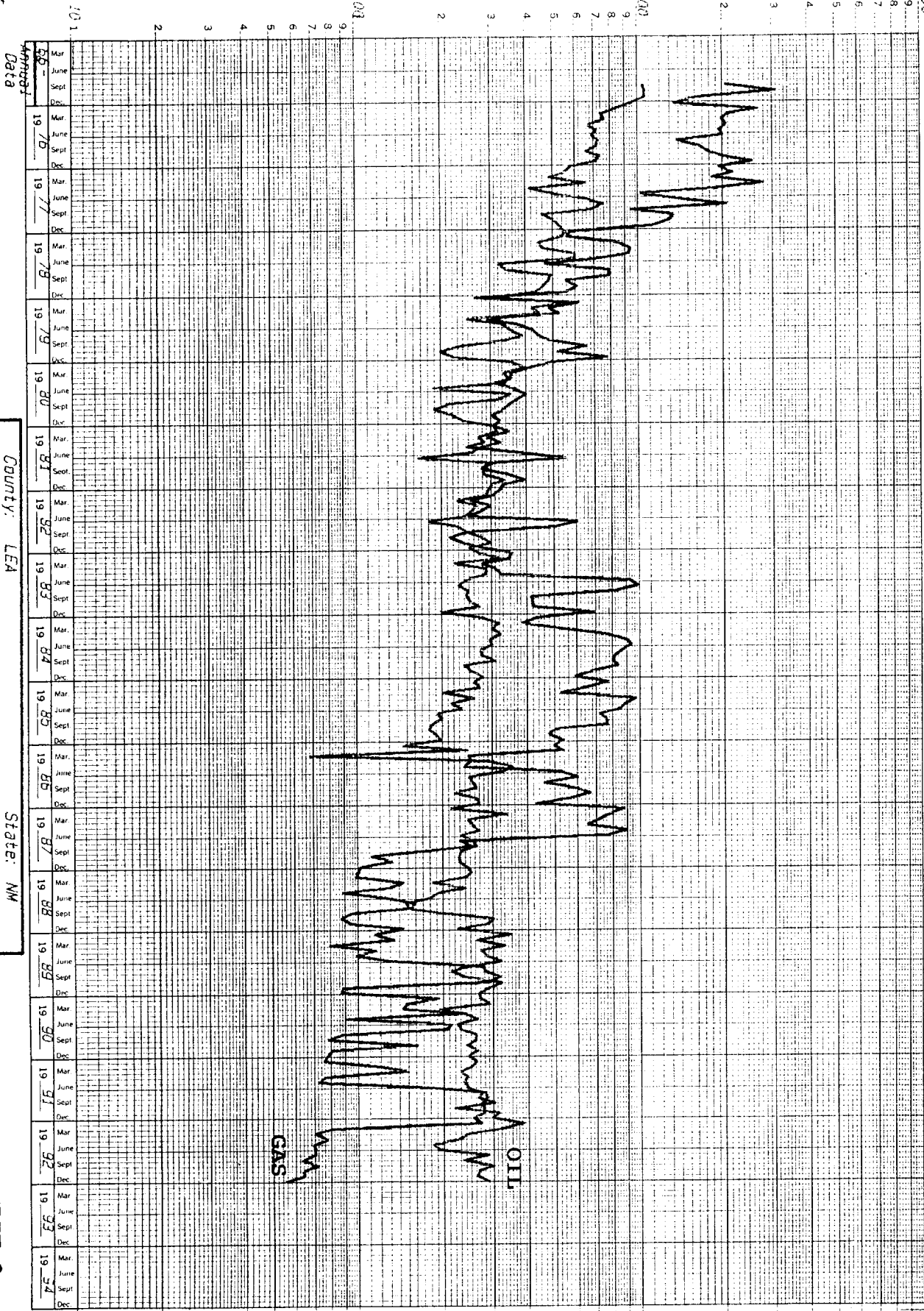
Date

(915) 684-6631  
Telephone No.

10000 Lease: COSSA107 A 000001 Dwight's ENERGYDATA Inc. Retrieval Code: 150, 025, 22537E12B000A 100000

OIL (BBL/MO)

GAS (MCF/MO)



10000  
9  
8  
7  
6  
5  
4  
3  
2  
1

County: LEA State: NM  
Field: BRUNSON SOUTH (DRINKARD ABO) DA  
Reservoir: DRINKARD ABO  
Operator: HENDRIX JOHN H CORP  
Oil Cum: 110396 Gas Cum: 200414  
Location: 12A 225 37E

EXHIBIT 3

F.P. Date 01-72

Date: 03-09-93

14000 Lease: COSSATOT A

000001

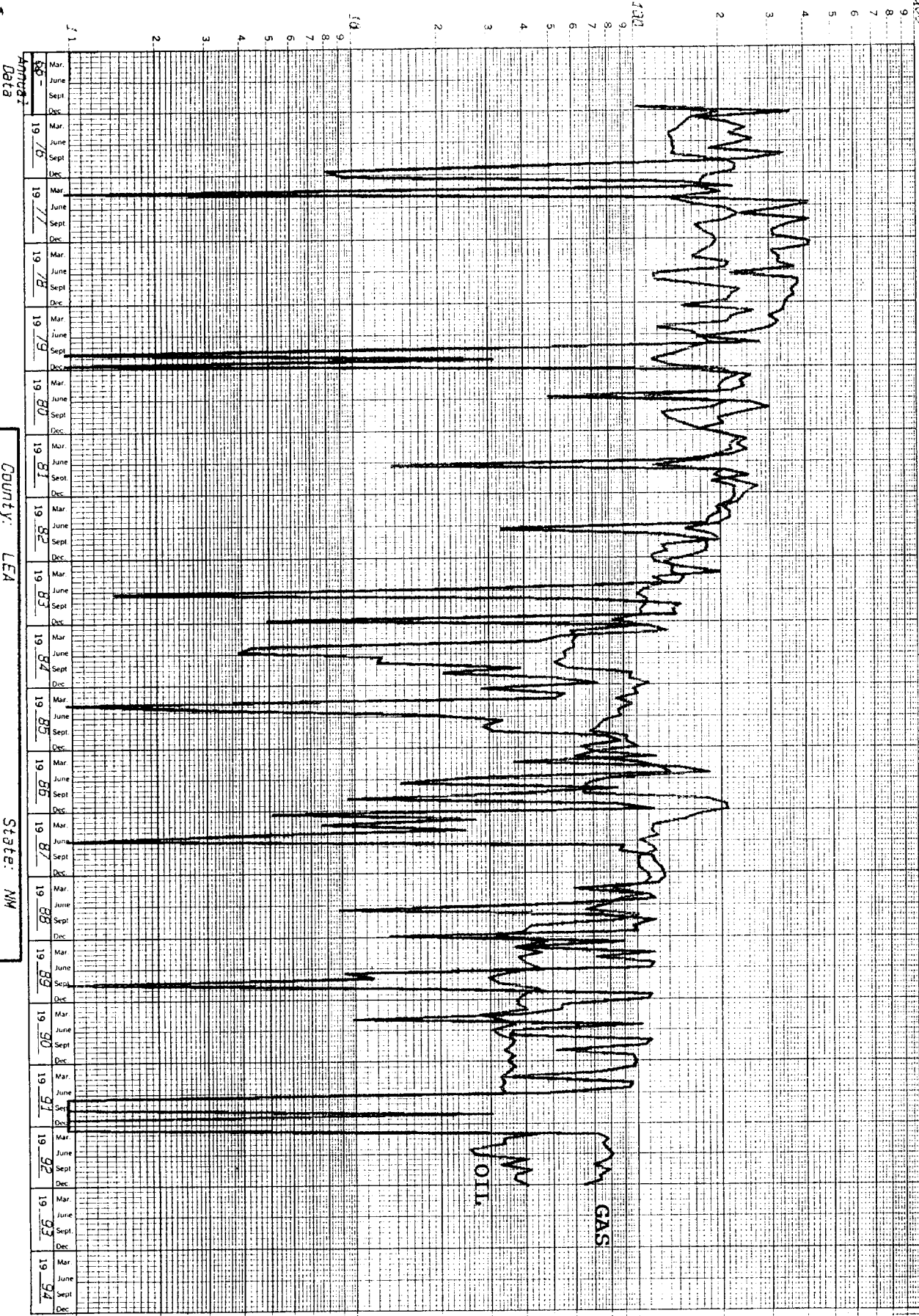
Dwight's ENERGY DATA, INC.

Retrieval Code:

150, 025, 22537E12B00BL

100000

OIL (BBL/MO)



Amended  
Data

County: LEA

State: NM

Field: BLINEBRY (BLINEBRY)

BL

Reservoir: BLINEBRY

Operator: HENDRIX JOHN H CORP

Oil Cum: 26513 Gas Cum: 3075845

Location: 12R 22S 37E

EXHIBIT 3

F.P. Date 06-74

Date: 03-09-93



# JOHN H. HENDRIX CORPORATION



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

June 15, 1993

## CERTIFIED MAIL

RE: Waiver Request to Downhole  
Commingle South Brunson  
Drinkard-Abo and Blinebry  
Pools, Cossatot "A" No. 1,  
Unit B, 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 Blinebry Pools in our Cossatot "A" 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 F. Wood

Attachments

June 15, 1993

RE: Request to Downhole  
Commingle (Cossatot "A" #1)  
South Brunson Drinkard-Abo  
and Blinebry Pools, Unit B,  
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 Blinebry Pools in the captioned well bore.

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

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

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

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

Hondo Oil & Gas Company  
310 W. Texas, Suite 822  
Midland, TX 79701

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

Presidio Exploration  
5613 DTC Pkwy. Suite 800  
Englewood, CO 80155