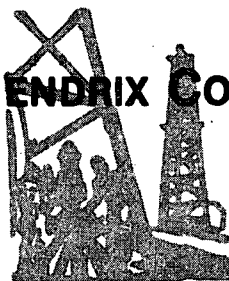


# JOHN H. HENDRIX CORPORATION



OIL CONSERVATION DIVISION  
RECEIVED

04 JAN 31 AM 8 50

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

January 27, 1994

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 "E" No. 1  
Unit M, Section 13, T22S -  
R37E, Lea County, New Mexico

Gentlemen:


John H. Hendrix Corporation respectfully requests administrative approval to downhole commingle the Wantz Granite Wash and South Brunson Drinkard Abo 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 Wantz Granite Wash pumping up the tubing and South Brunson Drinkard Abo pumping up the casing.

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., Santa Fe.

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 "E" NO. 1  
PERTINENT INFORMATION

- A) John H. Hendrix Corporation  
223 W. Wall, Suite 525  
Midland, TX 79701
- B) Cossatot "E" No. 1  
Unit M, Section 13, T22S - R37E  
Lea County, New Mexico  
Commingled Zones: Wantz Granite Wash and South Brunson  
Drinkard Abo
- 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 Wantz Granite Wash Zone and South Brunson Drinkard Abo Zone. (Exhibit 2)
- E) Production decline curves for the Wantz Granite Wash and South Brunson Drinkard Abo 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>	
South Brunson Drinkard Abo	22%	2	78%	110
Wantz Granite Wash	78%	7	22%	30
	<hr/>	<hr/>	<hr/>	<hr/>
Total	100%	9	100%	140



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 <b>John H. Hendrix Corporation</b>		Pool <b>South Brunson Drinkard Abo/Wantz Granite Lea</b>		County	
Address <b>223 W. Wall, Suite 525, Midland, TX 79701</b>		Wash		TYPE OF TEST - (X)	
LEASE NAME		WELL NO.		SCHEDULED <input type="checkbox"/>	
		LOCATION U S T R		DATE OF TEST	
Cossatot E		1 M 13 22 37		SOUTH BRUNSON DRINKARD ABO	
Cossatot E		1 M 13 22 37		WANTZ GRANITE WASH	
				CHOKE SIZE	
				TBG. PRESS.	
				DAILY ALLOW-ABLE	
				LENGTH OF TEST HOURS	
				WATER BBL.S.	
				PROD. DURING TEST	
				OIL BBL.S.	
				GAS M.C.F.	
				GAS - OIL RATIO CU FT/BBL.	
				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

*Ronnie H. Westbrook*

Ronnie H. Westbrook-Vice-President  
Printed name and title

1/27/94 (915) 684-6631

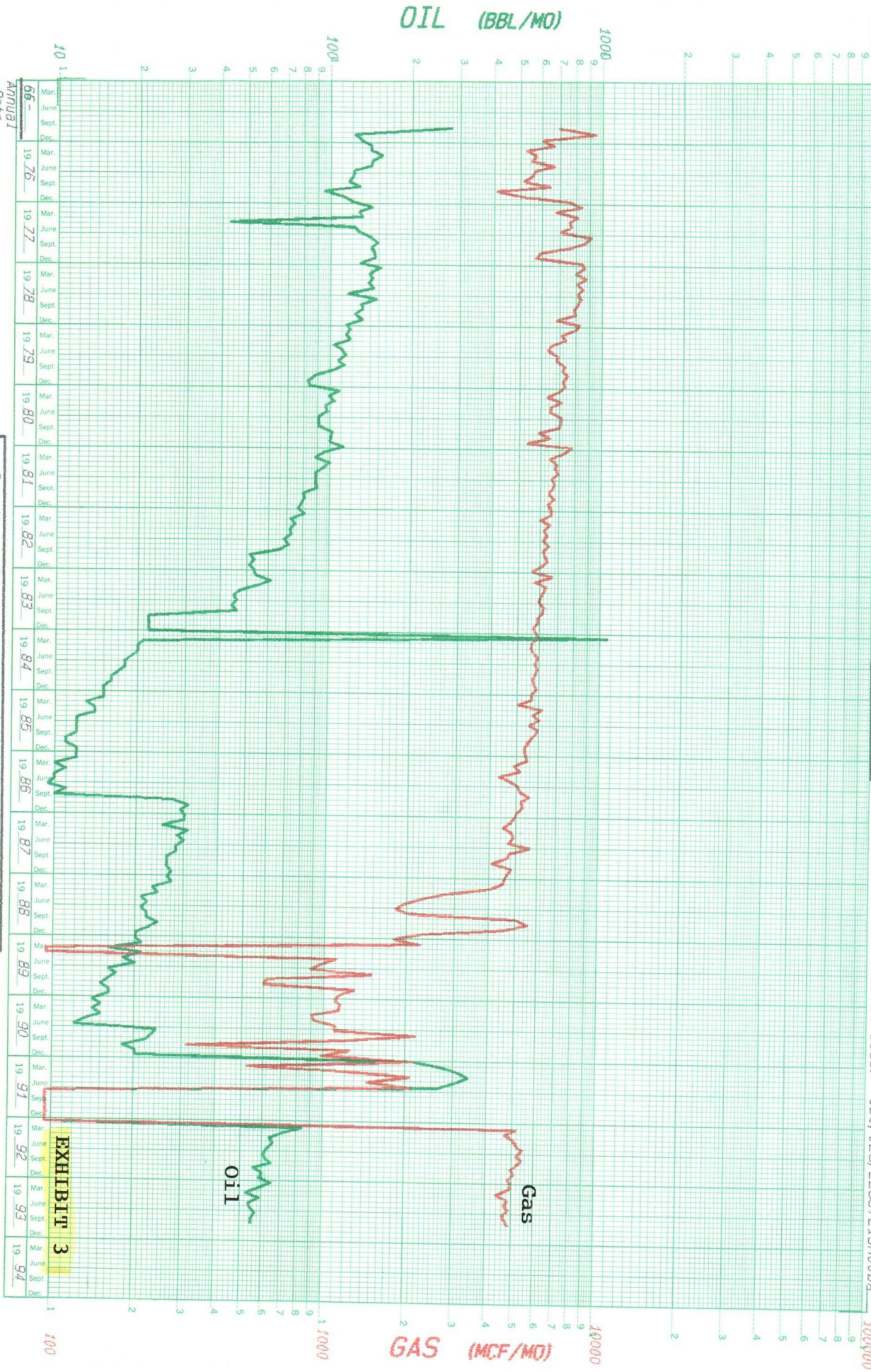
Date Telephone No.



10000 Lease: COSSATOT E

000001 Dwight's ENERGYDATA Inc.

Retrieval Code: 150, 025, 22337E13M000A



Annual Data

County: LEA

State: NM

Field: BRUNSON SOUTH (DRINKARD ABO) DA

Reservoir: DRINKARD ABO

Operator: HENDRIX JOHN H CORP

Oil Cum: 21351 Gas Cum: 1329474

Location: 13M 225 975

F.P. Date 04-73

Date: 10-25-93

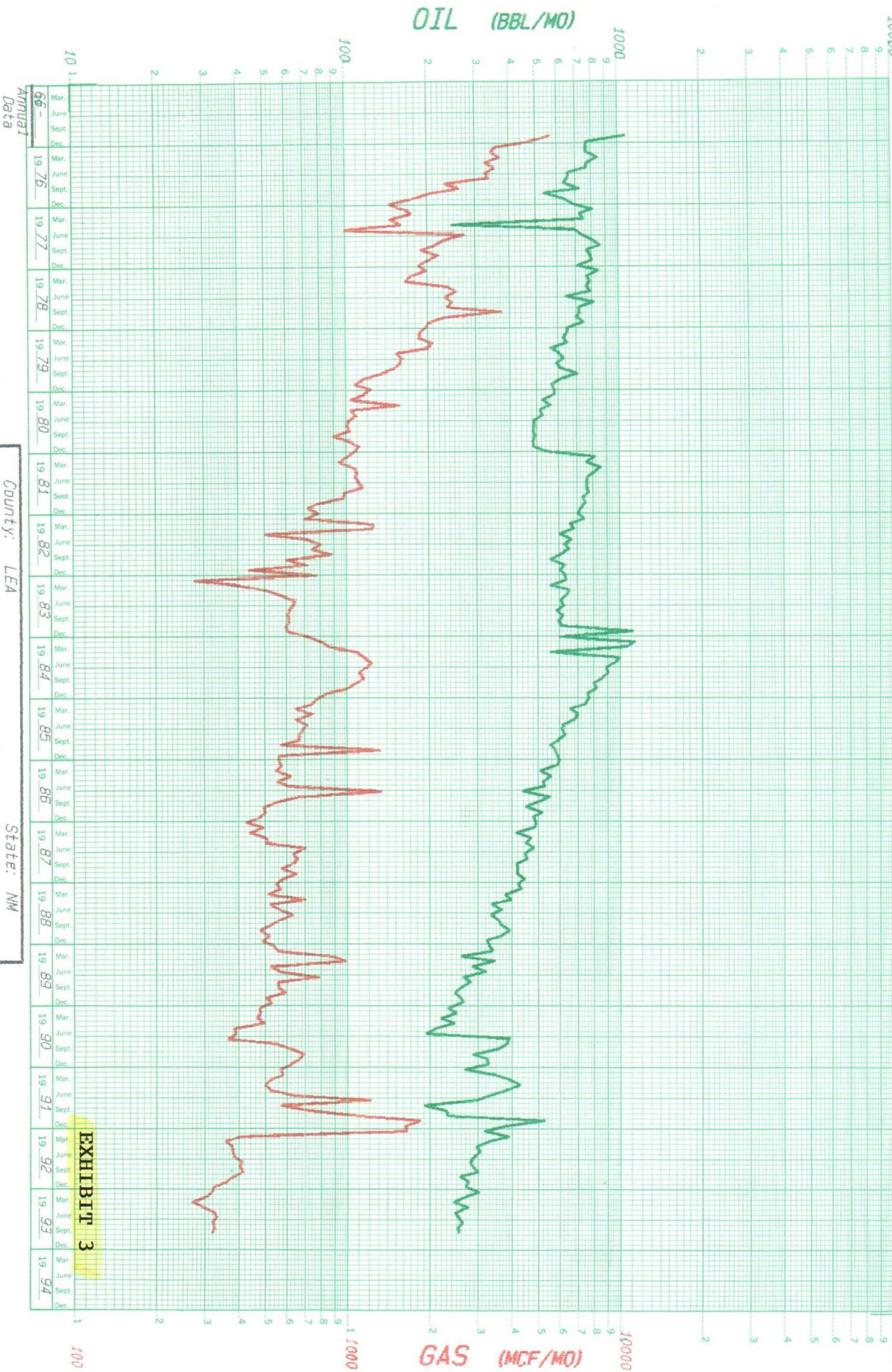


10000 Lessee: COSSATOR E

000001 Dwight's ENERGYDATA INC.

Retrieval Code: 150, 025, 22537E13M005W

100000



County: LEA

State: NM

Field: WANTZ (GRANITE WASH) GW

Reservoir: GRANITE WASH

Operator: HENDRIX JOHN H CORP

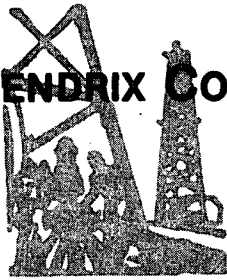
Oil Cum: 134312 Gas Cum: 337283

1st Production: 13M 225 97F

F.P. Date 01-74

Date: 10-25-93

# JOHN H. HENDRIX CORPORATION



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

January 27, 1994

## CERTIFIED MAIL

RE: Waiver Request to Downhole  
Commingle Wantz Granite  
Wash and South Brunson  
Drinkard Abo Pools, Cossatot  
"E" No. 1, Unit M, 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 Wantz Granite Wash and South Brunson Drinkard Abo Pools in our Cossatot "E" 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,

A handwritten signature in dark ink, appearing to read 'Lee F. Wood'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Lee F. Wood

Attachments

January 27, 1994

RE: Request to Downhole  
Commingle (Cossatot "E" #1)  
Wantz Granite Wash  
and South Brunson Drinkard  
Abo Pools, Unit M, Sec. 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 Wantz Granite Wash and South Brunson Drinkard Abo Pools in the captioned well bore.

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

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

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



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

Chevron Oil Company  
P. O. Box 670  
Hobbs, New Mexico 88240

Phillips Petroleum Company  
4001 Penbrook  
Odessa, TX 79762

OIL CONSERVATION DIVISION  
RECEIVED

94 FEB 15 AM 8 35

January 27, 1994

DHC- 990

RE: Request to Downhole  
Commingle (Cossatot "E" #1)  
Wantz Granite Wash  
and South Brunson Drinkard  
Abo Pools, Unit M, Sec. 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 Wantz Granite Wash and South Brunson Drinkard Abo Pools in the captioned well bore.

Approved By: 7/8 Godbold

Representing: CHEVRON U.S.A., INC.

Date: 2/8/94



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

11/31/94

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

RE: Proposed:

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

Gentlemen:

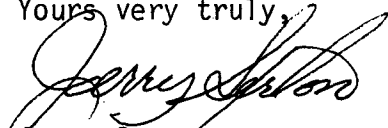
I have examined the application for the:

John H. Hendrix Corp. Cossatot E #1-M-13-22-37  
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

  
Jerry Sexton  
Supervisor, District 1

/ed