



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 _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX _____

DUE - 9/9/95

Gentlemen:

I have examined the application for the:

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

and my recommendations are as follows:

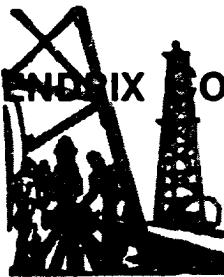
OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed

JOHN H. HENDRIX CORPORATION



(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
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 John H. Hendrix Corporation		Pool South Brunson Drinkard Abo/Wantz Granite Lea		County	
Address 223 W. Wall, Suite 525, Midland, TX 79701		Wash		Type of Test - (X)	
LEASE NAME		WELL NO.		Scheduled ☐	
		LOCATION U S T R		Completion ☐	
		DATE OF TEST		Special ☒	
		SOUTH BRUNSON DRINKARD ABO		GAS - OIL RATIO	
Cossatot E		1 M 13 22 37		24 2 39.5 11 25 2273	
		WANTZ GRANITE WASH			
Cossatot E		1 M 13 22 37		24 0 38.2 9 10 1111	
		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 - Vice-President

Printed name and title

(915) 684-6631

Date

Telephone No.

OIL (BBL/MO)

455881 COBBATOR E

603007

Dwight's

ENERGYDATA

INC.

54419181 0000

150.025 22037130004

10-13

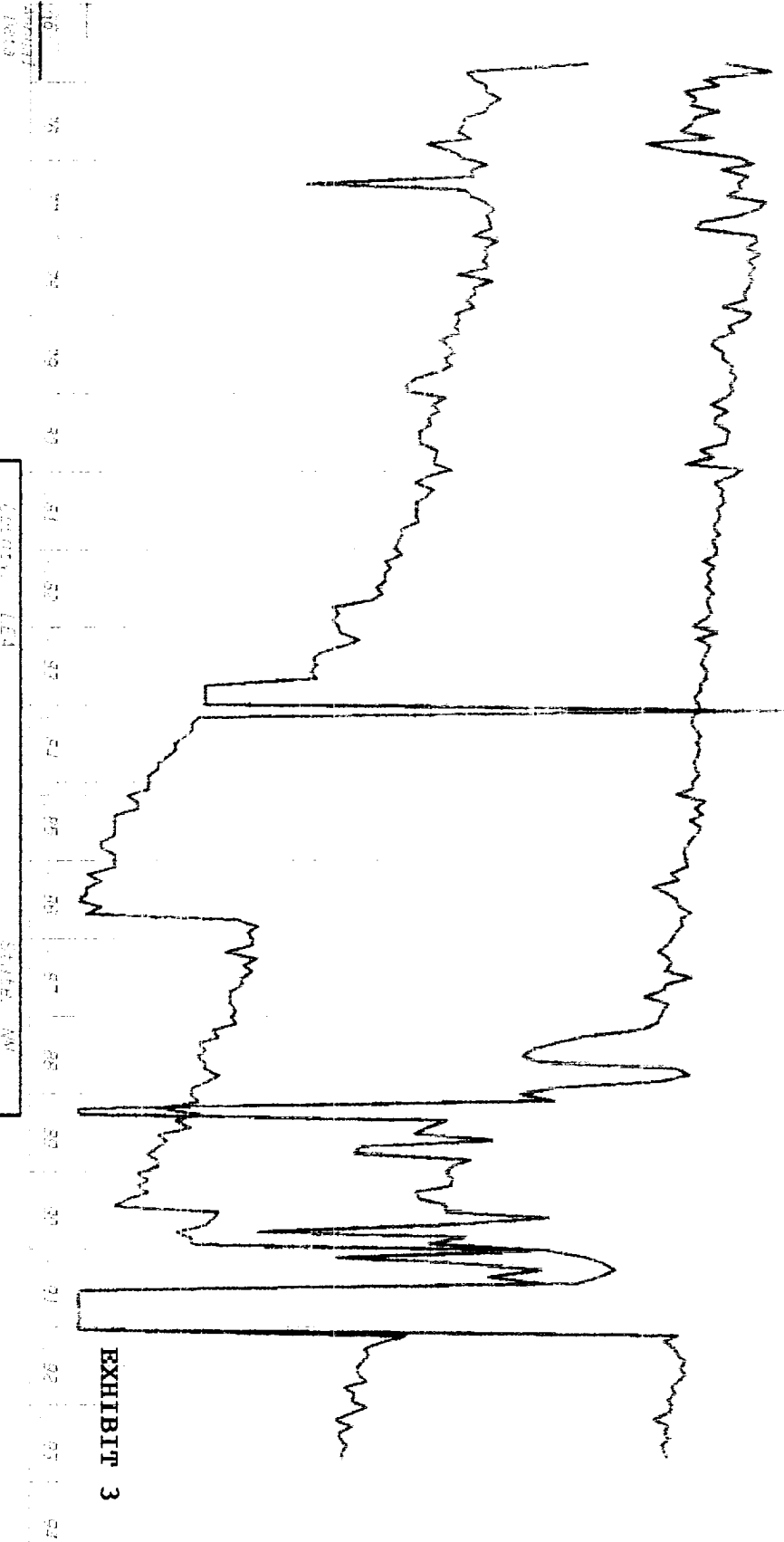


EXHIBIT 3

GAS (MCF/MO)

7/2 04/8 14 13

County: LEA
Field: BROWN'S CREEK
Operator: HENRIKSEN OIL & GAS
Well: 01-001-21501
Production: 100 BBL
State: NV

10-13-93

OTL 16PL 1401

LEADER: C3334107 E

000001

DWIGHT'S

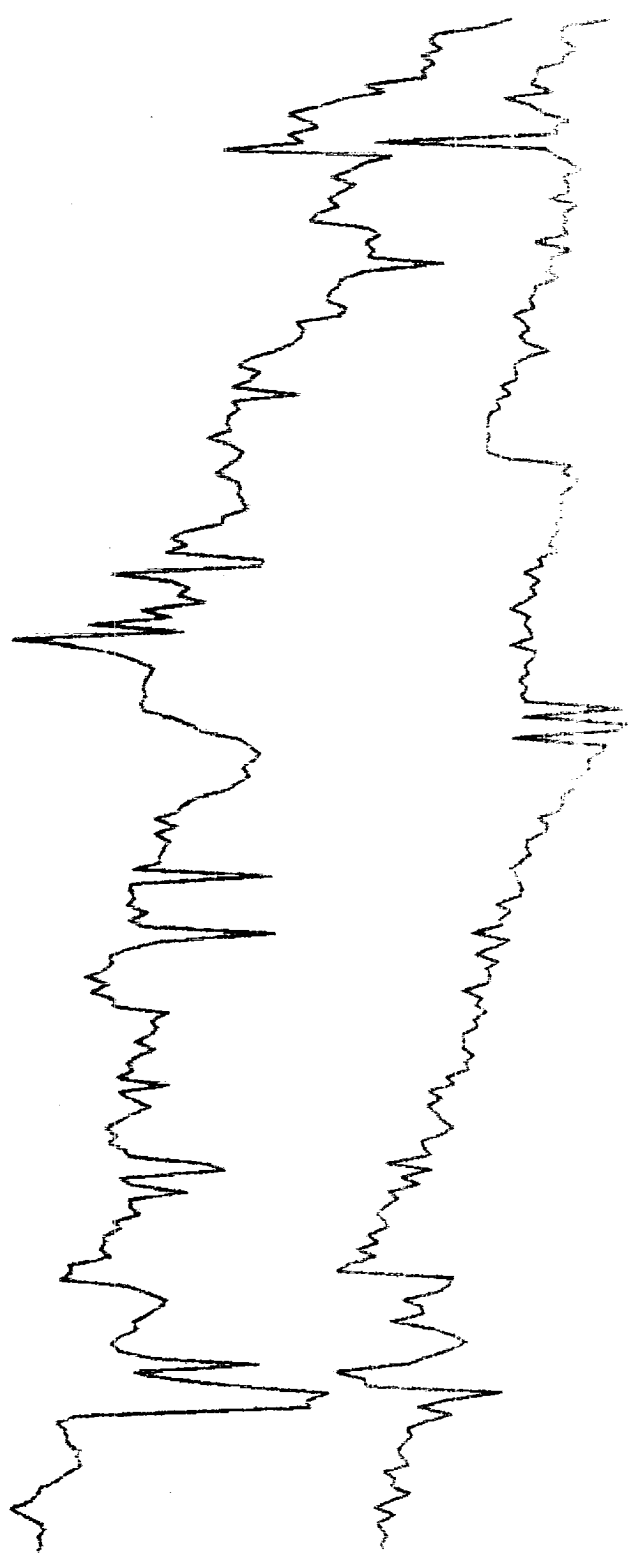
ENERGYDATA

INC.

Recovery Code:

150, 025, 205371300000

1994



GAS (MCF/MO)

DATE	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94
LEADER																				
OTL																				

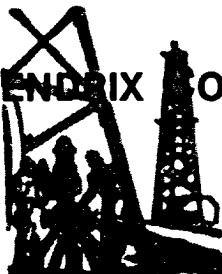
EXHIBIT 3

FILE DATE 01-74

LEADER: LEA
OTL: OTH
RECOVERY: GRANITE WASH
OPERATOR: HENRIK JOHN H CORP
OIL CODE: 150000
GAS CODE: 025
RECOVERY: 205371300000

Date: 10-27-97

JOHN H. HENDRIX CORPORATION



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

January 27, 1994

CERTIFIED MAIL

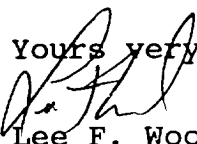
RE: Waiver Request to Downhole
Commingle Wantz Granite
Wash and South Brunson
Drinkard Abo Pools, Cossatot
"E" No. 1, Unit M, Section
13, T22S -R37E, Lea County,
New Mexico

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,

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

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: W.S. Godbold

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

Date: 2/8/94