

Release Date: 10-12-87

By DEC

KELLAHIN, KELLAHIN AND AUBREY

Attorneys at Law

El Patio - 117 North Guadalupe

Post Office Box 2265

Santa Fe, New Mexico 87504-2265

Telephone 982-4285

Area Code 505

W. Thomas Kellahin
Karen Aubrey

Jason Kellahin
Of Counsel

September 21, 1987

William J. LeMay
Director
Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED

SEP 22 1987

OIL CONSERVATION DIVISION

Re: Downhole Commingling Nancy #1 -
Lynx Petroleum - 1980 from the West Line,
660 from the South Line, S24, T21S, 37RE
Lea County, New Mexico

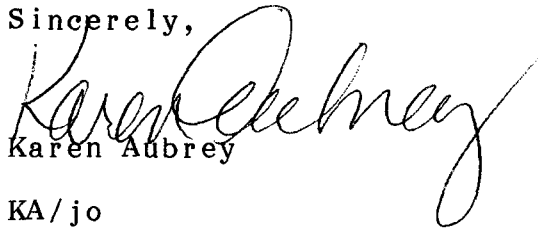
Dear Mr. LeMay:

Your administrative approval is requested to permit the downhole commingling of the Blinebry, Tubb and Wantz Abo production in the subject well.

We enclose all pertinent data required under Rule 303-C. In the event that you cannot give your administrative approval to this matter, we would appreciate it if you would set this for hearing on the October 21, 1987 Oil Conservation Docket.

By copy of this letter, we are notifying the off-set operators and requesting waivers from them with regard to the downhole commingling.

Sincerely,



Karen Aubrey

KA/jo

Enclosures

cc: Bison Petroleum
Kirby Exploration Co.
John Hendrix
Chevron USA, Inc.
Conoco, Inc.
Lynx Petroleum

APPLICATION OF LYNX PETROLEUM

FOR DOWNHOLE COMMINGLING

LEA COUNTY, NEW MEXICO

RECEIVED

SEP 22 1987

OIL CONSERVATION DIVISION

The Nancy No. 1 was originally completed in the Wantz Abo formation in September, 1969, with perforations from 6929 to 7364. In May, 1986, the well bore was perforated in the Tubb at 6327 to 6501. In April, 1987, the well was perforated in the Blinebry from 5758 to 5971. The well is presently producing from the Blinebry formation only.

The ownership in the three zones to be commingled is common as to working interest, overriding royalty interests and royalty interests.

Lynx Petroleum proposes to allocate production on the following basis:

<u>POOL</u>	<u>OIL</u>	<u>GAS</u>
Abo	55%	50%
Tubb	18%	00%
Blinebry	27%	50%

The bottomhole pressure in each of the formations is approximately 1400 psi.

Additional information required by Rule 303-C is contained on the attached documents.

INFORMATION FOR DHC
NANCY #1

- a) Lynx Petroleum Consultants, Inc.
P. O. Box 1666
Hobbs, NM 88241
- b) Nancy #1 1980' FWL 660' FSL Sec. 24, T-21S, R-37E
Pools: Blinebry Oil & Gas
Tubb Oil & Gas
Wantz Abo
- c) Map is attached.
- d) Attached - Note most recent test available on the Tubb and Abo as they are currently below bridge plugs.
- e) Decline curves are attached
- f) Based on fluid levels when SI, estimated BHP of all zones is $\pm$ 1400 psi.
- g) All zones are Permian in age, and all fluids in this area are similar.
- h) All production would be of the same value.
- i)
- | <u>Pool</u> | <u>Oil</u> | <u>Gas</u> | <u>Water</u> |
|-------------|------------|------------|--------------|
| Abo | 55% | 50% | 13% |
| Tubb | 18% | 0% | 13% |
| Blinebry | 27% | 50% | 74% |
- j) Addresses are attached.

Bison Petroleum Corporation
5809 S. Western, Suite 200
Amarillo, TX 79110

Kirby Exploration Co.
P. O. Box 1745
Houston, TX 77251

John Hendrix
525 Midland Tower
Midland, TX 79701

Chevron USA, Inc.
P. O. Box 670
Hobbs, NM 88241

Conoco, Inc.
P. O. Box 460
Hobbs, NM 88241

This image shows a full page of blank graph paper. The grid consists of small squares formed by horizontal and vertical lines. There are no markings, text, or drawings on the paper.

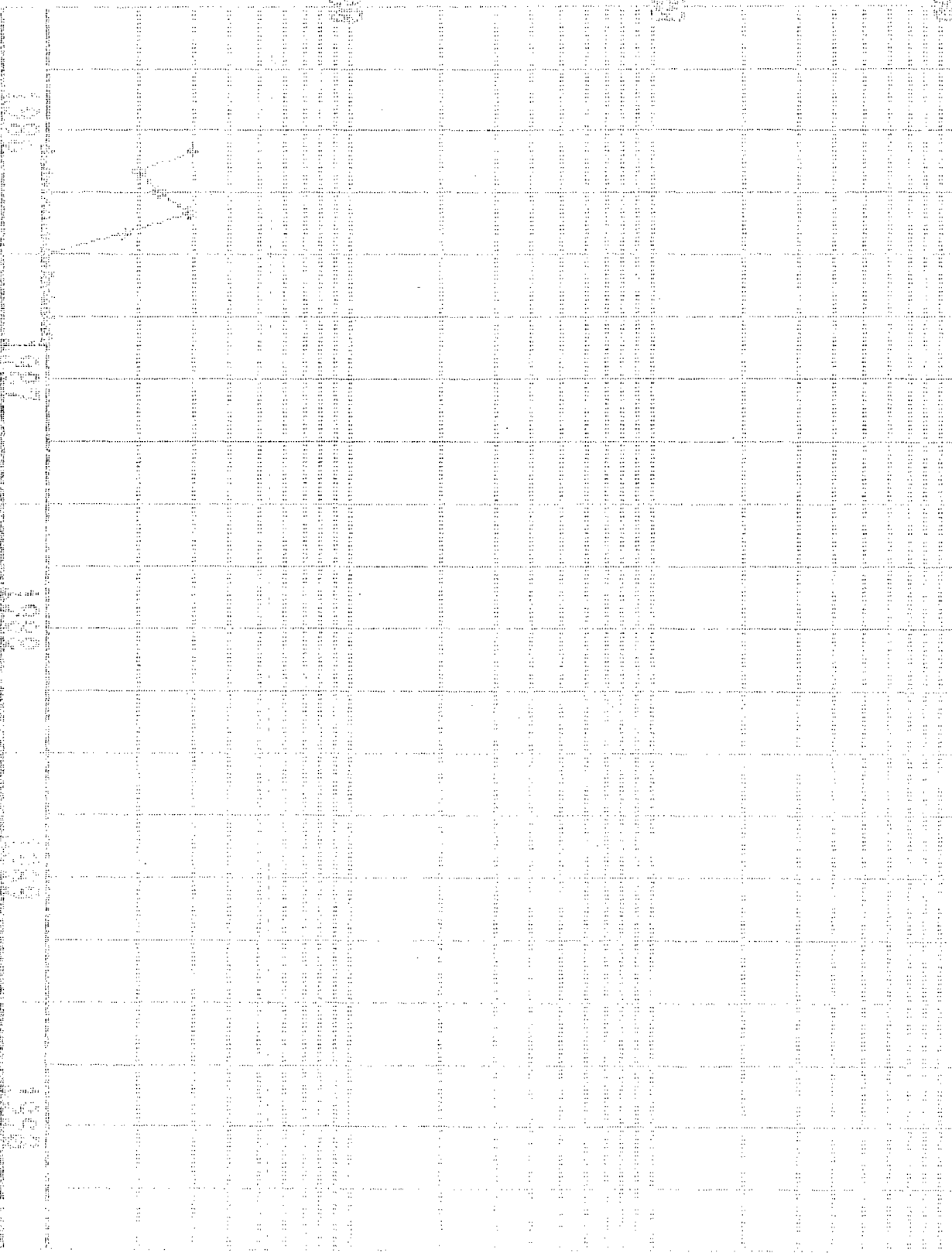
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ENERGY AND MINERALS DEPARTMENT

GAS-OIL RATIO TESTS

Operator **Lynx Petroleum Consultants, Inc.** Pool **See Below** County **Lea**

Address **P. O. Box 1666, Hobbs, NM 88241**

TYPE OF TEST - (X) ☒ Scheduled ☐ Completion ☐ Special ☐

LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	Length of test hours	PROD. DURING TEST				GAS - OIL RATIO CU.FT./BB	
		U	S	T						R	WATER GALL.	GRAV. OIL	OIL GALL.		GAS M.C.F.
Nancy (Abo) (Tubb) (Blinebry)	1	N	24	21S	37E	8/85	P	-	-	24	1	39	6	15	2500
						4/87	P	-	-	24	1	39	2	TSTM	-
						8/87	P	-	-	24	6	39	3	15	5000

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-well 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 allowance when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 14.73 psia and a temperature of 60° F. Specific gravity base will be 0.56.

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

Well original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 281 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

KELLAHIN, KELLAHIN AND AUBREY

Attorneys at Law

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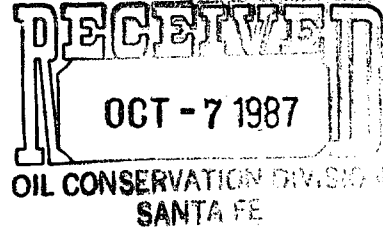
Telephone 982-4285

Area Code 505

W. Thomas Kellahin
Karen Aubrey

Jason Kellahin
Of Counsel

October 5, 1987



William J. LeMay
Director
Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87504-2088

Re: Downhole Commingling Nancy #1 -
Lynx Petroleum - 1980 from the West Line,
660 from the South Line, S24, T21S, 37RE
Lea County, New Mexico

Dear Mr. LeMay:

I enclose waivers from Conoco Inc. and Bison Petroleum
in the above-captioned matter.

Sincerely,

Karen Aubrey

KA/jo

Enclosures

cc: Gary Fonay
Lynx Petroleum

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Sincerely,

Karen Aubrey

KA/jo

Enclosures

cc: Bison Petroleum
Kirby Exploration Co.
John Hendrix
Chevron USA, Inc.
Conoco, Inc.
Lynx Petroleum

OBJECTION WAIVED:

BY

FOR

DATED

[Signature]
CONOCO INC.
9-29-87

RECEIVED HOBBS DIVISION		SEP 23 '87	
Div. Mgr.			
Div. Opns. Mgr.			
Div. Adm. Mgr.			
Div. Eng. Mgr.			
Div. Dir. Supt.			
Prod. Supt. - HMD			
Prod. Supt. - UH			
Consv. Coord.			
Coord. Insp.			
Adm. Supv. - Fin.			
Adm. Supv. - O & G			
Supv. Syst. Anal.			
Proj. Engr.			
Supv. Prod. Engr.			
Supv. Prod. Engr.			
Supv. Prod. Engr.			

SEP 25 1987

KELLAHIN, KELLAHIN AND AUBREY

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Karen Aubrey

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Kirby Exploration Co.
John Hendrix
Chevron USA, Inc.
Conoco, Inc.
Lynx Petroleum

OBJECTION WAIVED:

BY Bruce O. Barthel

FOR BISON PETROLEUM CORP.

DATED 9-28-87

KELLAHIN, KELLAHIN AND AUBREY

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Karen Aubrey

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Area Code 505

Jason Kellahin
Of Counsel

Post Office Box 2265

Santa Fe, New Mexico 87504-2265

October 16, 1987

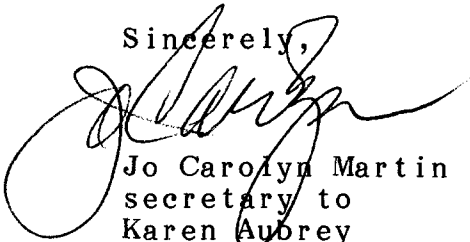
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660 from the South Line, S24, T21S, 37RE
Lea County, New Mexico

Dear Mr. LeMay:

Enclosed is a copy of the waiver we received from
Chevron, USA Inc. in the above-captioned matter.

Sincerely,


Jo Carolyn Martin
secretary to
Karen Aubrey

/jo
enclosure
cc: Gary Fonay
Lynx Petroleum

*File
DHC-*

SEP 24 '87

440888-AREA
Area Code 505

FBI - DIVISION					
INFO COPY	DISCUSS	HANDLE			
X			DIV MGR	ACA/JRM	
			DIV ASST MGR	WFB	
X		X			
X			DIV ASST		
			DIV COORD.		
X			NIGHT GUARD	JRM	
			SAFETY GUARD		
X			ADMIN ASST	JRM	
		X	AWS	JRM	
			FILE		

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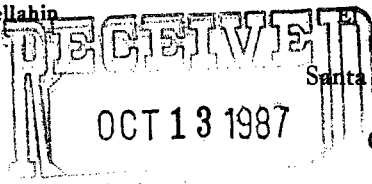
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Patio - 117 North Guadalupe

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Area Code 505



October 9, 1987

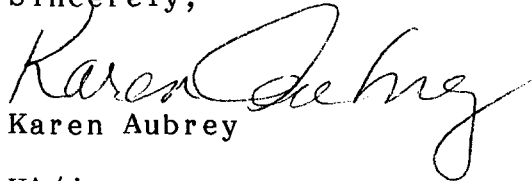
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Lea County, New Mexico

Dear Mr. LeMay:

I was informed by telephone today by Mr. Gary Diamond,
Land Manager of Kirby Exploration of Texas that they
have no objection to the proposed downhole commingling
in the above-captioned matter.

Sincerely,



Karen Aubrey

KA/jo

Enclosures

cc: Gary Fonay
Lynx Petroleum