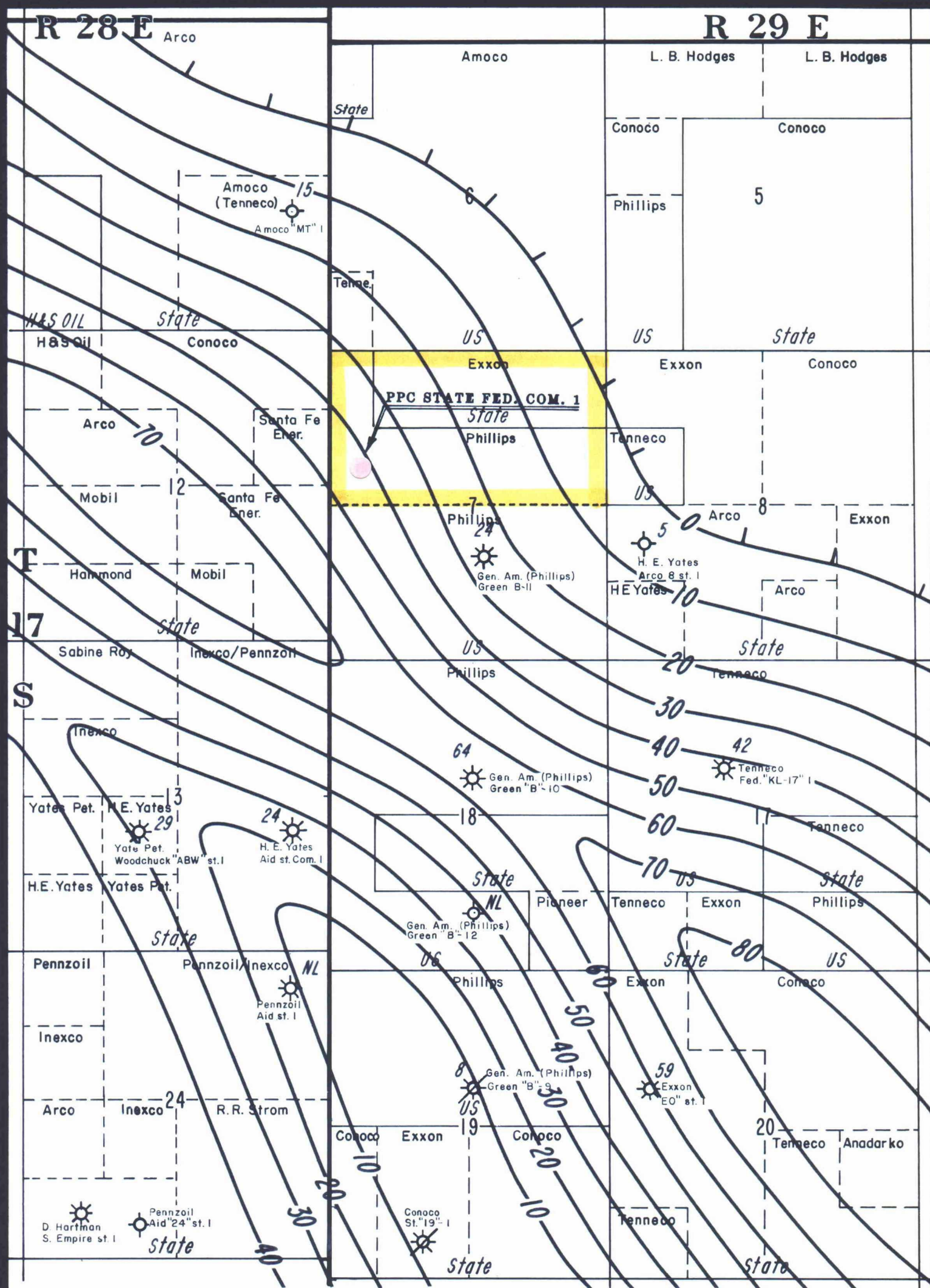


EXXON

EXHIBIT NO. 4
DOCKET NO. 8913
HEARING DATE 6/12/86



EXXON CORPORATION	
PRODUCTION DEPARTMENT	
Southwest/Rocky Mountain Division	Andrews District
EMPIRE, SOUTH (MORROW)	
STRUCTURE TOP ATOKA LIME	
HORIZON	
T-17-S, R-29-E Eddy County, New Mexico	
LOCATION	COUNTY STATE
1"-2000' scale	
C.I.=50 ft.	
DATE	GEOLOGIST
June 1986	J. R. Bartel



EXXON

EXHIBIT NO. 5
 DOCKET NO. 8913
 HEARING DATE 6/12/86



EXXON CORPORATION PRODUCTION DEPARTMENT Southwest/Rocky Mountain Division			Andrews District
EMPIRE, SOUTH (MORROW)			
MIDDLE MORROW GROSS SAND ISOPACH			
HORIZON			
T-17-S, R-29-E Eddy County, New Mexico			
LOCATION	COUNTY	STATE	
1"-2000' scale		C.I.=10 ft.	
DATE	June 1986		GEOLOGIST J. R. Bartel



Amoco Production Company

Houston Region
501 WestLake Park Boulevard
Post Office Box 3092
Houston, Texas 77253

R. E. Ogden
Regional Engineering
Manager

June 2, 1986

File: JCA-986.51TX-2263

Re: Unorthodox Location and Non-Standard Unit
P.P.C. State Federal Com. No. 1
Section 7-T29E-R29E
Eddy County, New Mexico

Mr. Richard Stamets, Director
Oil Conservation Division
State of New Mexico
Energy and Minerals Department
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Stamets:

This is to advise that Amoco Production Company has been given due notice that Exxon Corporation has made application for administrative approval of an unorthodox location and non-standard unit for the P.P.C. State Federal Com. Well No. 1, undesignated South Empire Field.

We hereby waive any objections to the granting of the application for the above well which will be located:

1980' FNL and 525' FWL of Section 7, T17S, R29E, Eddy County,
New Mexico.

Yours very truly,

R. E. Ogden / *RPJ*

HLC/rr

cc: Exxon Corporation
P. O. Box 1600
Midland, Texas 79702

EXXON

EXHIBIT NO. 7

DOCKET NO. 8913

HEARING DATE 6-12-86

WAIVER

Oil, Gas, & Env. Conservation	
— JDH	— Handle
— WTD	— FYI
— JSM	— Let's Disc.
— RAS	— File
— JRW	
— JCC	
JUN 9 '86	

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

This is to advise that the undersigned has been given due notice that Exxon Corp. has made an application for an unorthodox location and non-standard unit for the P.P.C. State Fed Com., Well No. 1 to be completed as a gas well in the Undes. South Empire Field.

We hereby waive any objection to the granting of this application for the above referenced well to be located:

1980' FNL and 525' FWL of Sec. 7, T17S, R29E, Eddy County, New Mexico

Executed this 6 day of June, 1986.

Company ARCO Oil and Gas Co.

By 

NOTE TO OPERATORS: Please return one copy to the Oil Conservation Division and one copy to Exxon. Stamped addressed envelopes are enclosed.

WAIVER

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

This is to advise that the undersigned has been given due notice that Exxon Corp. has made an application for an unorthodox location and non-standard unit for the P.P.C. State Fed Com., Well No. 1 to be completed as a gas well in the Undes. South Empire Field.

We hereby waive any objection to the granting of this application for the above referenced well to be located:

1980' FNL and 525' FWL of Sec. 7, T17S, R29E, Eddy County, New Mexico

Executed this 21st day of May, 1986.

Company Frostman Oil Corp

By Clayton Smith

NOTE TO OPERATORS: Please return one copy to the Oil Conservation Division and one copy to Exxon. Stamped addressed envelopes are enclosed.

WAIVER

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

This is to advise that the undersigned has been given due notice that Exxon Corp. has made an application for an unorthodox location and non-standard unit for the P.P.C. State Fed Com., Well No. 1 to be completed as a gas well in the Undes. South Empire Field.

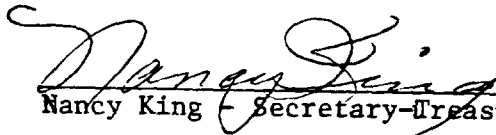
We hereby waive any objection to the granting of this application for the above referenced well to be located:


1980' FNL and 525' FWL of Sec. 7, T17S, R29E, Eddy County, New Mexico

Executed this 28 day of May, 1986.

Attest:

Company Kincaid & Watson Drilling Company


Nancy King - Secretary-Treasurer

By 
J. B. Adamson - Vice President

NOTE TO OPERATORS: Please return one copy to the Oil Conservation Division and one copy to Exxon. Stamped addressed envelopes are enclosed.



PHILLIPS PETROLEUM COMPANY

BARTLESVILLE, OKLAHOMA 74004

918 661-6600

EXPLORATION AND PRODUCTION GROUP

302 TRW Building

May 20, 1986

Request for Approval of an
Unorthodox Location/
Non-Standard Unit
P.P.C. State Fed Com #1
Undesignated South Empire-Morrow
Eddy County, New Mexico

Exxon Company, USA
Attn: Melba Knipling
P. O. Box 1600
Midland, TX 79702-1600

Gentlemen:

Receipt is acknowledged of your Certified Letter dated May 15, 1986, received in this office this date, relative to the subject.

By copy of this letter, we are forwarding your letter and attachments to Mr. Glenn Smith, Permian Basin Region Operations, for his further handling. Future correspondence regarding this subject should be directed to Mr. Smith at the address indicated below.

Yours very truly,

M. D. Williams

By:

Linda Kyles

MDW:lk
File (RC)

cc: Phillips Petroleum Company
Attn: Glenn Smith (w/a)
4001 Penbrook
Odessa, TX 79762

WAIVER

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

This is to advise that the undersigned has been given due notice that Exxon Corp. has made an application for an unorthodox location and non-standard unit for the P.P.C. State Fed Com., Well No. 1 to be completed as a gas well in the Undes. South Empire Field.

We hereby waive any objection to the granting of this application for the above referenced well to be located:

1980' FNL and 525' FWL of Sec. 7, T17S, R29E, Eddy County, New Mexico

Executed this 28th day of May, 1986.

Company Phillips Petroleum

By



G. R. Smith

Director, Reservoir Engineering

NOTE TO OPERATORS: Please return one copy to the Oil Conservation Division and one copy to Exxon. Stamped addressed envelopes are enclosed.

WAIVER

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

This is to advise that the undersigned has been given due notice that Exxon Corp. has made an application for an unorthodox location and non-standard unit for the P.P.C. State Fed Com., Well No. 1 to be completed as a gas well in the Undes. South Empire Field.

We hereby waive any objection to the granting of this application for the above referenced well to be located:

1980' FNL and 525' FWL of Sec. 7, T17S, R29E, Eddy County, New Mexico

Executed this 28th day of May, 1986.

Company Tenneco Oil

By Steve L. Mueller
Div. Geol. Eng.

NOTE TO OPERATORS: Please return one copy to the Oil Conservation Division and one copy to Exxon. Stamped addressed envelopes are enclosed.

WAIVER

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

This is to advise that the undersigned has been given due notice that Exxon Corp. has made an application for an unorthodox location and non-standard unit for the P.P.C. State Fed Com., Well No. 1 to be completed as a gas well in the Undes. South Empire Field.

We hereby waive any objection to the granting of this application for the above referenced well to be located:

1980' FNL and 525' FWL of Sec. 7, T17S, R29E, Eddy County, New Mexico

Executed this 28th day of May, 1986.

Company YATES PETROLEUM CORPORATION

By 

NOTE TO OPERATORS: Please return one copy to the Oil Conservation Division and one copy to Exxon. Stamped addressed envelopes are enclosed.

WAIVER

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

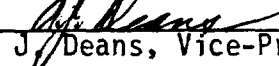
This is to advise that the undersigned has been given due notice that Exxon Corp. has made an application for an unorthodox location and non-standard unit for the P.P.C. State Fed Com., Well No. 1 to be completed as a gas well in the Undes. South Empire Field.

We hereby waive any objection to the granting of this application for the above referenced well to be located:

1980' FNL and 525' FWL of Sec. 7, T17S, R29E, Eddy County, New Mexico

Executed this 20th day of May, 1986.

Company HARVEY E. YATES COMPANY

By 
A. J. Deans, Vice-President

NOTE TO OPERATORS: Please return one copy to the Oil Conservation Division and one copy to Exxon. Stamped addressed envelopes are enclosed.

WAIVER

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

This is to advise that the undersigned has been given due notice that Exxon Corp. has made an application for an unorthodox location and non-standard unit for the P.P.C. State Fed Com., Well No. 1 to be completed as a gas well in the Undes. South Empire Field.

We hereby waive any objection to the granting of this application for the above referenced well to be located:

1980' FNL and 525' FWL of Sec. 7, T17S, R29E, Eddy County, New Mexico

Executed this 19th day of May, 1986.

Company _____

By Lex M Jones

NOTE TO OPERATORS: Please return one copy to the Oil Conservation Division and one copy to Exxon. Stamped addressed envelopes are enclosed.

Form 3811, July 1983 447-845

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- ☐ Show to whom, date and address of delivery.
- ☐ Restricted Delivery.

3. Article Addressed to:

Partco, Inc.

4. Type of Service:

- ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Article Number

P186303831

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

X

6. Signature - Agent

X

Paul S. Harrison

7. Date of Delivery

5-16-86

8. Addressee's Address (ONLY if requested and fee paid)

DOMESTIC RETURN RECEIPT

Form 3811, July 1983 447-845

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- ☐ Show to whom, date and address of delivery.
- ☐ Restricted Delivery.

3. Article Addressed to:

Partco, Inc.

4. Type of Service:

- ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail

Article Number

P186303827

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

X

6. Signature - Agent

X

7. Date of Delivery

8. Addressee's Address (ONLY if requested and fee paid)

DOMESTIC RETURN RECEIPT

PS Form 3811, July 1983 447-845

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- ☐ Show to whom, date and address of delivery.
- ☐ Restricted Delivery.

3. Article Addressed to:

Santa Fe Energy

4. Type of Service:

- ☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail

Article Number

P186303828

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

X

6. Signature - Agent

X

7. Date of Delivery

5-19-86

8. Addressee's Address (ONLY if requested and fee paid)

DOMESTIC RETURN RECEIPT

PS Form 3811, July 1983 447-845

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- ☐ Show to whom, date and address of delivery.
- ☐ Restricted Delivery.

3. Article Addressed to:

Filmont

4. Type of Service:

- ☐ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail

Article Number

P186303832

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

X

6. Signature - Agent

X

7. Date of Delivery

5-16-86

8. Addressee's Address (ONLY if requested and fee paid)

HEARING DATE

6/12/86

DOMESTIC RETURN RECEIPT

MORROW RISKED RESERVES

PROPOSED LOCATION

Based on averages in Area

	<u>Investment</u>	<u>Gross Reserves</u>	<u>Probability</u>	<u>Net Risked Reserves</u>
Case I - High Side	\$960,000	2.0 BCF 42 MBO	20%	300 MMCF 6.1 MBO
Case II - Median	\$960,000	1.5 BCF 30 MBO	50%	550 MMCF 11.2 MBO
Case III - Dry Hole	\$811,000	--	30%	--
Aggregate	\$915,300	1.2 BCF 23.4 MBO	100%	850 MMCF 17.3 MBO

ORTHODOX LOCATION

	<u>Investment</u>	<u>Gross Reserves</u>	<u>Probability</u>	<u>Net Risked Reserves</u>
Case I - High Side	\$960,000	2.0 BCF 42 MBO	5%	75 MMCF 1.5 MBO
Case II - Median	\$960,000	1.5 BCF 30 MBO	45%	495 MMCF 10.1 MBO
Case III - Dry Hole	\$811,000	--	50%	--
Aggregate	\$885,500	675 MMCF 15.6 MBO	100%	570 MMCF 11.6 MBO

EXXON

EXHIBIT NO. 9
DOCKET NO. 8913
HEARING DATE 6/12/86