Santa Fe Pacific Exploration Company Managing General Partner

November 7, 1986

Call 9047

Technical Support Chief Oil Conservation Division Energy and Minerals Department State of New Mexico P. O. Box 2088 Santa Fe, New Mexico 87501

> Re: Chase State 2 No. 1 Sec. 2-22S-27E Eddy County, New Mexico

Dear Sir:

Santa Fe Energy Operating Company, L.P. is requesting administrative approval for an unorthodox location due to geologic reasons.

Please find enclosed seven (7) copies of the following:

- 1. Letter requesting administrative approval of unorthodox location
- 2. Plat showing acreage dedicated
- 3. Geologic exhibits
- 4. Form C-101
- 5. Form C-102
- 6. Waiver letter to offset operators

Six (6) copies of the above have been sent to the District Office in Artesia.

Sincerely,

Billie Hood

Senior Production Clerk

Billie Hood

BH/dw

Enclosures

dz-186

Santa Fe Pacific Exploration Company Managing General Partner

November 7, 1986

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

Re: Chase State 2 No. 1 Sec. 2-22S-27E Eddy County, New Mexico

#### Gentlemen:

Santa Fe Energy Operating Partners, L.P. requests administrative approval of an unorthodox location for a 10,700'± Strawn test to be drilled 1980' FWL, 990' FSL, Section 2, T-22S, R-27E, Eddy County, New Mexico.

The reasons for this request are geologic. The relevant geologic exhibits are enclosed.

All offset operators have been notified by certified or registered mail of this request for administrative approval of an unorthodox location.

Sincerely,

Billie Hood

Senior Production Clerk

Billie Hood

BH/dw

Enclosures

dz-185

Santa Fe Pacific Exploration Company Managing General Partner

November 7, 1986

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

RE: Geological Exhibits SFEOP,LP #1 Chase State "2"

Eddy County, New Mexico

Dear Mr. Stamets:

Santa Fe Energy Operating Partners, L.P., Exploration Department, is proposing an unorthodox location 990' FSL, 1980' FWL, Section 2, T22S, R27E, Eddy County, New Mexico.

The proposed well will test the primary objective Second Strawn Carbonate and secondary objective Wolfcamp Carbonate. During "second Strawn" time, the prospect area was located on a marine shelf with the basinward shelfedge located approximately 5 miles southeast of the proposed location. The environment was characterized by vigorous marine biological activity with phylloid algae growing to form reef mounds. The constant pounding of waves against the mounds eroded skeletal fragments which were carried down the reef-front where they collected to form talus slope deposits. Secondary solution of these talus deposits has provided the necessary porosity and permeability to form what is now the reservoir facies of the Strawn. The second Strawn reservoir encountered in the Western #1 Bass located in Section 11, T22S, R27E is interpreted to extend north-westward through the proposed location and terminate against the "tight" reef facies in Section 3. (See Isopach Map)

The proposed location is located on a positive structural feature (see structure map) and should drain that part of the reservoir which expands the W2 of Section 2.

The location Santa Fe Energy Operating Partners, L.P. has proposed is the most logical one based upon our knowledge of the Strawn formation in the prospect area.

 $A. \mathcal{U}$ 

Yours truly,

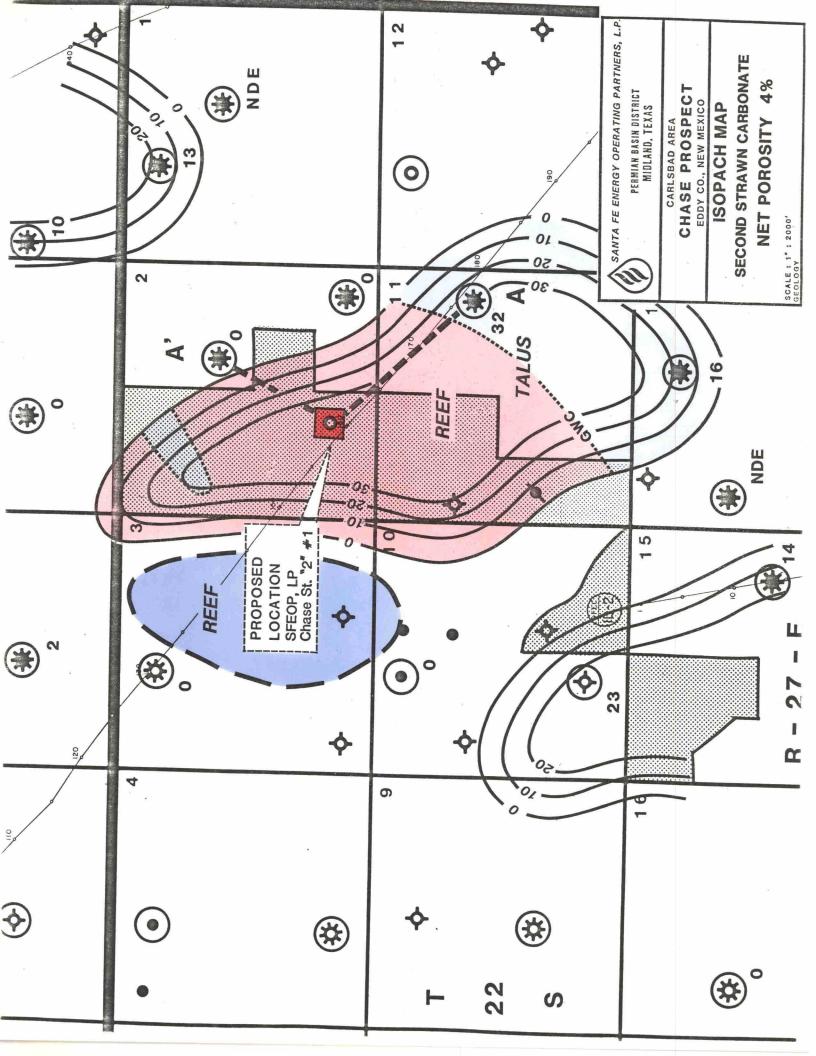
SANTA FE ENERGY OPERATING PARTNERS, L.P. By Santa Fe Pacific Exploration Company as Managing General Partner

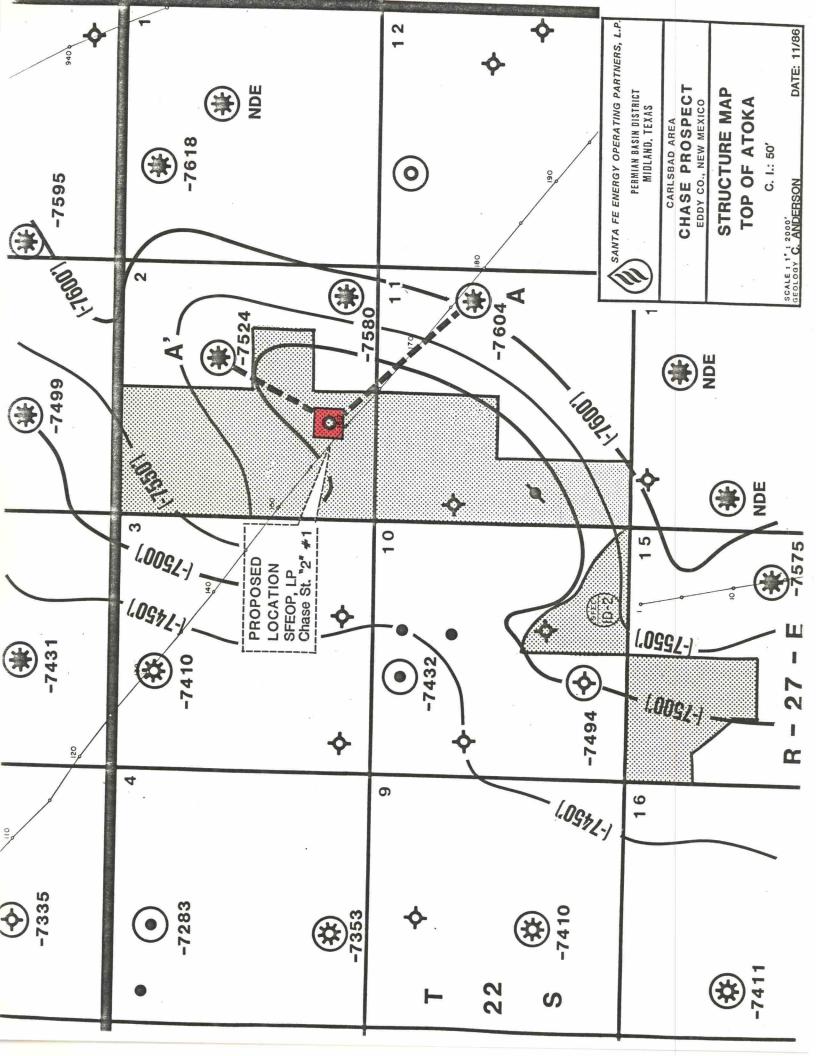
W. A. Schaefer, Vr.

Exploration Manager

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STATE OF NEW MEXIC ENERGY AND MINERALS DEPA		CONSERVATION	ON DIVISION	l.	Form C-101		
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CONDITIONS OF APPROVAL, IF ANY

(This space for State Use)

# NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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Santa Fe Pacific Exploration Company Managing General Partner

CERTIFIED MAIL
Return Receipt Requested

November 5, 1986

Western Oil Producers, Inc. P.O. Box 2055 Roswell, New Mexico 88201

ATTN: Land Department

Re: Chase State #2-1
990' FSL, 1980' FWL,
Sec. 2, T-22-S, R-27-E,
Eddy County, New Mexico
Chase Prospect

#### Gentlemen:

This is to inform you of Santa Fe's request to the New Mexico Oil Conservation Division (OCD) for Administrative Approval of its unorthodox location of 990' FSL and 1980' FWL in Section 2, T-22-S, R-27-E, Eddy County, New Mexico for a 10,700' Strawn test well. The West Half (W/2) of said section will be the proration unit for this well.

Current plans are to set these matters for hearing before the OCD on December 3, 1986, however, should Administrative Approval be granted, the hearing will be cancelled.

You may file any objections or requests for hearing with the OCD at P.O. Box 2088, Santa Fe, New Mexico, 87501.

It is requested that you respond to this waiver as soon as possible.

Sincerely yours,

SANTA FE ENERGY OPERATING PARTNERS, L.P. By Santa Fe Pacific Exploration Company as Managing General Partner,

(1) 4 1 1 Tax

Patrick J. Nower, Senior Landman

PJT/efw

Page 2 of that certain request for permission letter to: Western Oil Producers, Inc. Dated November 5, 1986

ВУ	Date	
Title:		
Company:		





Santa Fe Pacific Exploration Company Managing General Partner

CERTIFIED MAIL Return Receipt Requested

November 5, 1986

Union Oil of California 500 N. Marienfeld P.O. Box 671 Midland, Texas 79701

ATTN: Wayne Strong

Re: Chase State #2-1 990' FSL, 1980' FWL, Sec. 2, T-22-S, R-27-E, Eddy County, New Mexico Chase Prospect

#### Gentlemen:

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Sincerely yours,

SANTA FE ENERGY OPERATING PARTNERS, L.P. By Santa Fe Pacific Exploration Company

as Managing General Partner

Tower, Senior Landman

PJT/efw

Page 2 of that certain request for permission letter to: Union Oil of California Dated November 5, 1986

ВУ	Date
Title:	
Company:	•



Santa Fe Pacific Exploration Company Managing General Partner

CERTIFIED MAIL
Return Receipt Requested

November 5, 1986

Champlin Petroleum Company 4 Allen Center, Suite 1500 1400 Smith Street Houston, Texas 77002

ATTN: Stephen Dangos

Re: Chase State #2-1
990' FSL, 1980' FWL,
Sec. 2, T-22-S, R-27-E,
Eddy County, New Mexico
Chase Prospect

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Sincerely yours,

SANTA FE ENERGY OPERATING PARTNERS, L.P.
By Santa Fe Pacific Exploration Company

as Managing General Partner

Patrick 3

Tower, Senior Landman

PJT/efw

Page 2 of that certain request for permission letter to: Champlin Petroleum Company Dated November 5, 1986

ВУ	Date	
Title:		



Santa Fe Pacific Exploration Company Managing General Partner

CERTIFIED MAIL
Return Receipt Requested

November 5, 1986

TXO Production Company 900 Wilco Bldg. Midland, Texas 79701

ATTN: David Hundley
District Landman

Re: Chase State #2-1
990' FSL, 1980' FWL,
Sec. 2, T-22-S, R-27-E,
Eddy County, New Mexico
Chase Prospect

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Sincerely yours,

SANTA FE ENERGY OPERATING PARTNERS, L.P. By Santa Fe Pacific Exploration Company as Managing General Partner

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atrick J. Zower, Senior Landman

PJT/efw

Page 2 of that certain request for permission letter to: TXO Production Company Dated November 5, 1986

BY	Date
Title: Company:	