



# Santa Fe Energy Operating Partners, L.P.

Santa Fe Pacific Exploration Company  
Managing General Partner

OIL CONSERVATION DIVISION  
RECEIVED

February 6, 1990

'90 FEB 8 AM 9 06

New Mexico Oil Conservation Div.  
P.O. Box 2088  
Santa Fe, New Mexico 87504

ATTN: Michael E. Stogner  
Pet. Engineer

Re: OD-NM-617,139 (O/A)  
Chase "2" State #1 Well  
Application for a Non-Standard  
Gas Well Location  
990' FSL & 1980' FWL (Unit N)  
of Sec. 2, T-22-S, R-27-E, N.M.P.M.  
East Carlsbad Wolfcamp Gas Pool  
Eddy County, New Mexico

Gentlemen:

As a follow-up to your Letter of February 1, 1990, and the subsequent phone conversation on February 5, 1990, enclosed please find Original Waiver Letters from all offset operators concerning the referenced application. Also enclosed please find copies of the certified return receipts which accompanied said letters. Please note that Western Oil Producers did not respond within the required 20 day period. Also, please be advised that Unocal did not execute the waiver letter, however, they verbally advised that they had no objection, but as a general policy they did not sign such waivers.

Also enclosed please find a general plat showing the location of the well and the offset operators so notified.

As discussed, this application would not have been necessary should Case No. 9234 (Order #R-8625) have been approved. As you will note, in said case file this was an application by Santa Fe Energy Operating Partners, L.P. for four 160 acre non-standard proration units. One of these non-standard proration units would have included the referenced well. Had this order been approved, this location in the Wolfcamp would have been legal. The case file should contain evidence of notification and approval by the same offset operators concerning the location of this well.

We apologize for the delay in forwarding this material and hope this will finalize the approval of the application.

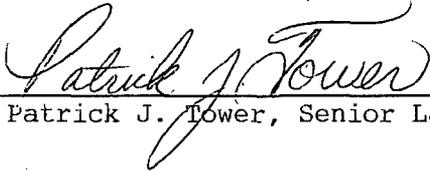
Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

Page 2  
New Mexico Oil Conservation Div.  
February 6, 1990

Should you require any additional information, feel free to contact us.

Sincerely yours,

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

By:   
Patrick J. Tower, Senior Landman

PJT/efw  
Encls a/s

cc: New Mexico Oil Con. Div.  
Artesia, New Mexico

Terry McCullough (Prod. Clerk) - w/Encls  
Santa Fe Energy Oper. Partners, L.P.

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 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 additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. (Extra charge)      2.  Restricted Delivery (Extra charge)

3. Article Addressed to: Union Pacific Resources Co. P.O. Box 7, MS-3903 Ft. Worth, Texas 76101 ATTN: Jerry Jones	4. Article Number P 046 661 401
	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> .	
5. Signature — Address X	8. Addressee's Address (ONLY if requested and fee paid) <b>NOT PAID FT WORTH TX</b>
6. Signature — Agent X	
7. Date of Delivery OCT 15 1988	

PS Form 3811, Mar. 1988 \* U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 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 additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. (Extra charge)      2.  Restricted Delivery (Extra charge)

3. Article Addressed to:  OXY, U.S.A., Inc. P. O. Box 502050 Midland, Tx. 79710	4. Article Number P 046 661 422
	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> .	
5. Signature — Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature — Agent X	
7. Date of Delivery 10/12	

PS Form 3811, Mar. 1988 \* U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

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1.  Show to whom delivered, date, and addressee's address. (Extra charge)      2.  Restricted Delivery (Extra charge)

3. Article Addressed to:  Union Oil of California P. O. Box 3100 Midland, Texas 79702	4. Article Number P 046 661 504
	Type of Service: <input checked="" type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> .	
5. Signature — Address X	8. Addressee's Address (ONLY if requested and fee paid) SAME
6. Signature — Agent	

UNITED STATES POSTAL SERVICE  
OFFICIAL BUSINESS



**SENDER INSTRUCTIONS**  
Print your name, address and ZIP Code in the space below.  
• Complete items 1, 2, 3, and 4 on the reverse.  
• Attach to front of article if space permits, otherwise affix to back of article.  
• Endorse article "Return Receipt Requested" adjacent to number.



PENALTY FOR PRIVATE USE, \$300

RETURN TO

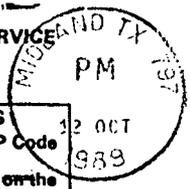
Print Sender's name, address, and ZIP Code in the space below.

OD-NM-617,201

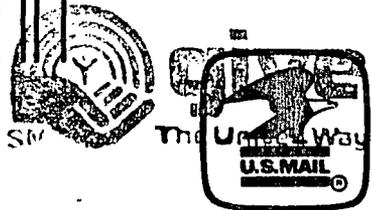
Patrick J. Tower - Santa Fe Energy Company  
500 West Illinois, 5th Floor  
Midland, Texas 79701

16-89

UNITED STATES POSTAL SERVICE  
OFFICIAL BUSINESS



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Print your name, address and ZIP Code in the space below.  
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• Endorse article "Return Receipt Requested" adjacent to number.



PENALTY FOR PRIVATE USE, \$300

RETURN TO

Print Sender's name, address, and ZIP Code in the space below.

OD-NM-617, ~~201~~ <sup>139</sup>

Patrick J. Tower - Santa Fe Energy Company  
500 West Illinois - 5th floor  
Midland, Tx. 79701

UNITED STATES POSTAL SERVICE  
OFFICIAL BUSINESS



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PENALTY FOR PRIVATE USE, \$300

RETURN TO

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OD-NM-617, ~~201~~ <sup>139</sup>

Patrick J. Tower - Santa Fe Energy Company  
500 West Illinois, 5th Floor  
Midland, Texas 79701

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1.  Show to whom delivered, date, and addressee's address. (Extra charge)      2.  Restricted Delivery (Extra charge)

3. Article Addressed to:  Western Oil Producers P. O. Box 1498 Roswell, New Mexico 38201	4. Article Number P-566 806 495
	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
	Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> .
5. Signature - Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>Harold Craven</i>	
7. Date of Delivery <i>10-16-89</i>	

PS Form 3811, Mar. 1988 • U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

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1.  Show to whom delivered, date, and addressee's address. (Extra charge)      2.  Restricted Delivery (Extra charge)

3. Article Addressed to:  TXO Production Company 415 W. Wall, Suite 900 Midland, Tx. 79701	4. Article Number P 046 661 423
	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
	Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> .
5. Signature - Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>Josee Balan</i>	
7. Date of Delivery <i>10-12</i>	

PS Form 3811, Mar. 1988 • U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

UNITED STATES POSTAL SERVICE  
OFFICIAL BUSINESS



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PENALTY FOR PRIVATE USE, \$300

RETURN  
TO

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OD-NM-617,201

Patrick J. Tower - Santa Fe Energy Company

500 West Illinois - 5th floor

Midland, Tx. 79701

10-16-89



UNITED STATES POSTAL SERVICE  
OFFICIAL BUSINESS



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- Endorse article "Return Receipt Requested" adjacent to number.



PENALTY FOR PRIVATE USE, \$300

RETURN  
TO

Print Sender's name, address, and ZIP Code in the space below.

OD-NM-617,201

Patrick J. Tower - Santa Fe Energy Company

500 West Illinois - 5th floor

Midland, Tx 79701

10-12-89

**Santa Fe Energy Operating Partners, L.P.**

Santa Fe Pacific Exploration Company  
Managing General Partner

RECEIVED

OCT 12 1989

CERTIFIED MAIL  
Return Receipt Requested

TXAS OIL GAS CORP.

October 6, 1989

TXO Production Company  
415 W. Wall, Suite 900  
Midland, TX. 79701

Att: Mr. John Cox

00-NM-617,139  
Re: Chase State #2-1  
990' FSL, 1980' FWL  
Sec. 2, T-22-S, R-27-E  
E. Carlsbad Wolfcamp Gas Pool  
Eddy County, New Mexico

Gentlemen:

This letter will advise that Santa Fe is in the process of requesting administrative approval from the New Mexico Oil Conservation Division (OCD) of Santa Fe's unorthodox location of 990' FSL, 1980' FWL in Section 2, T-22-S, R-27-E, Eddy County, New Mexico. This location has previously been approved by your company as well as the OCD as a 10,700' Strawn test. The well was drilled to the Strawn as approved and after an unsuccessful completion attempt was plugged back to the Wolfcamp formation in which it is now producing. Indications at the time were that the Wolfcamp was the most likely of the two formations to produce. Shortly after the well was plugged back to the Wolfcamp, Santa Fe asked the OCD for approval to the well location in the Wolfcamp formation without notice and hearing, which was denied. However, the OCD stated that the well was a good candidate for administrative approval provided the appropriate waivers are obtained. This letter serves as such a request for waivers. We apologize for the delay in attending to this matter.

You may file objections or requests for a hearing with the OCD at P. O. Box 2088, Santa Fe, New Mexico 87501. If you have no objection to this request, we would appreciate your signing and returning the waiver signature page attached to this letter at your earliest convenience.

Sincerely,

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

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

By:   
Patrick J. Tower, Senior Landman

BY SIGNATURE HERETO, WE HAVE NO OBJECTION TO THE APPROVAL OF THE ABOVE SPECIFIED UNORTHODOX LOCATION AS IT APPLIES TO THE WOLF-CAMP FORMATION AND HEREBY WAIVE OBJECTION AND NOTICE OF HEARING ON THIS APPLICATION.

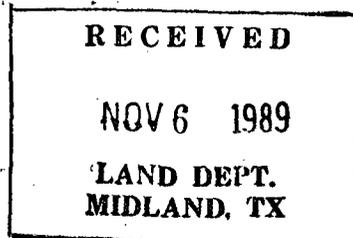
By: *R. A. Varela*

Date: 11-3-89

Name: R. A. Varela

Title: Vice President

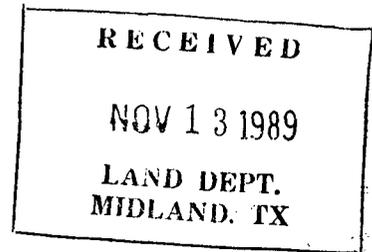
Company: TXO Production Corp.





Union Pacific  
Resources

A Subsidiary of Union Pacific Corporation



November 10, 1989

Mr. Patrick J. Tower  
Santa Fe Pacific Exploration Company  
500 West Illinois, Suite 500  
Midland, Texas 79701

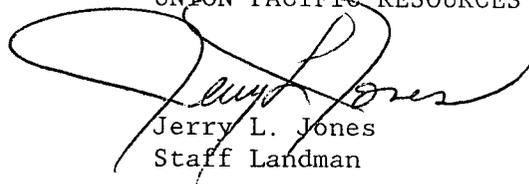
617,139  
Re: Chase State #2-1  
990' FSL, 1980' FWL  
Sec. 2, T-22-S, R-27-E  
E. Carlsbad Wolfcamp Gas Pool  
Eddy County, New Mexico

Dear Mr. Tower:

Please find enclosed one fully executed signature page of your Request for Waivers on the captioned project.

Very truly yours,

UNION PACIFIC RESOURCES COMPANY



Jerry L. Jones  
Staff Landman

JLJ/vlh E89-2269

Enclosure

Union Pacific Resources Company  
P.O. Box 7  
Fort Worth, Texas 76101-0007  
817 / 877-6000  
TWX 910 893 5024  
Telex 758-447



**Santa Fe Energy Operating Partners, L.P.**

**Santa Fe Pacific Exploration Company  
Managing General Partner**

CERTIFIED MAIL  
Return Receipt Requested

October 6, 1989

Union Pacific Resources Company  
P. O. Box 7, MS-3903  
Ft. Worth, TX. 76101

Att: Mr. Jerry Jones

139  
OD NM 617, 204  
Re: Chase State #2-1  
990' FSL, 1980' FWL  
Sec. 2, T-22-S, R-27-E  
E. Carlsbad Wolfcamp Gas Pool  
Eddy County, New Mexico

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

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

By: Patrick J. Tower  
Patrick J. Tower, Senior Landman

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UNION PACIFIC RESOURCES COMPANY

By: Charles R. Traxler Date: 11-9-89

Name: Charles R. Traxler  
**ATTORNEY-IN-FACT**

Title: \_\_\_\_\_

Company: \_\_\_\_\_

*727  
WPC  
PLB*

RECEIVED  
NOV 13 1989  
LAND DEPT.  
MIDLAND, TX

**Santa Fe Energy Operating Partners, L.P.**

Santa Fe Pacific Exploration Company  
Managing General Partner

CERTIFIED MAIL  
Return Receipt Requested

October 6, 1989

OXY, U.S.A., Inc.  
P. O. Box 502050  
Midland, TX. 79710

Att: Mr. Ed Taylor

139  
OP NM-617, ~~2007~~

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

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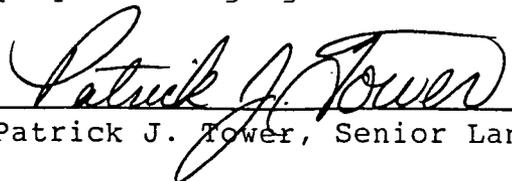
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SANTA FE ENERGY OPERATING PARTNERS,  
L.P., By Santa Fe Pacific Exploration  
Company as Managing General Partner

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

By:

  
Patrick J. Tower, Senior Landman

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By: K. D. Van Horn

Date: 10/17/89

Name: K. D. Van Horn  
~~District Manager Production~~

Title: OXY USA Inc.

Company: \_\_\_\_\_

RECEIVED  
OCT 23 1989  
LAND DEPT.  
MIDLAND, TX



**Santa Fe Energy Operating Partners, L.P.**

Santa Fe Pacific Exploration Company  
Managing General Partner

CERTIFIED MAIL  
Return Receipt Requested

October 6, 1989

Western Oil Producers  
P. O. Box 1498  
Roswell, New Mexico 88201

Att: Land Department

139  
OP-NM-6(7), ~~207~~

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

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

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

By: Patrick J. Tower  
Patrick J. Tower, Senior Landman

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

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

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

**Santa Fe Energy Operating Partners, L.P.**

Santa Fe Pacific Exploration Company  
Managing General Partner

CERTIFIED MAIL  
Return Receipt Requested

October 6, 1989

Union Oil of California  
P. O. Box 3100  
Midland, TX. 79702

Att: Mr. Larry Murphy

139  
OD-NM-617, ~~617~~

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

Gentlemen:

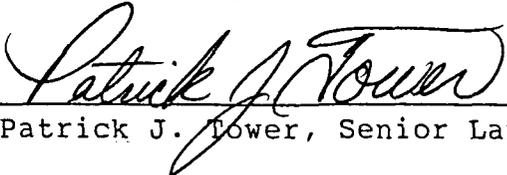
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L.P., By Santa Fe Pacific Exploration  
Company as Managing General Partner

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

By:   
Patrick J. Tower, Senior Landman

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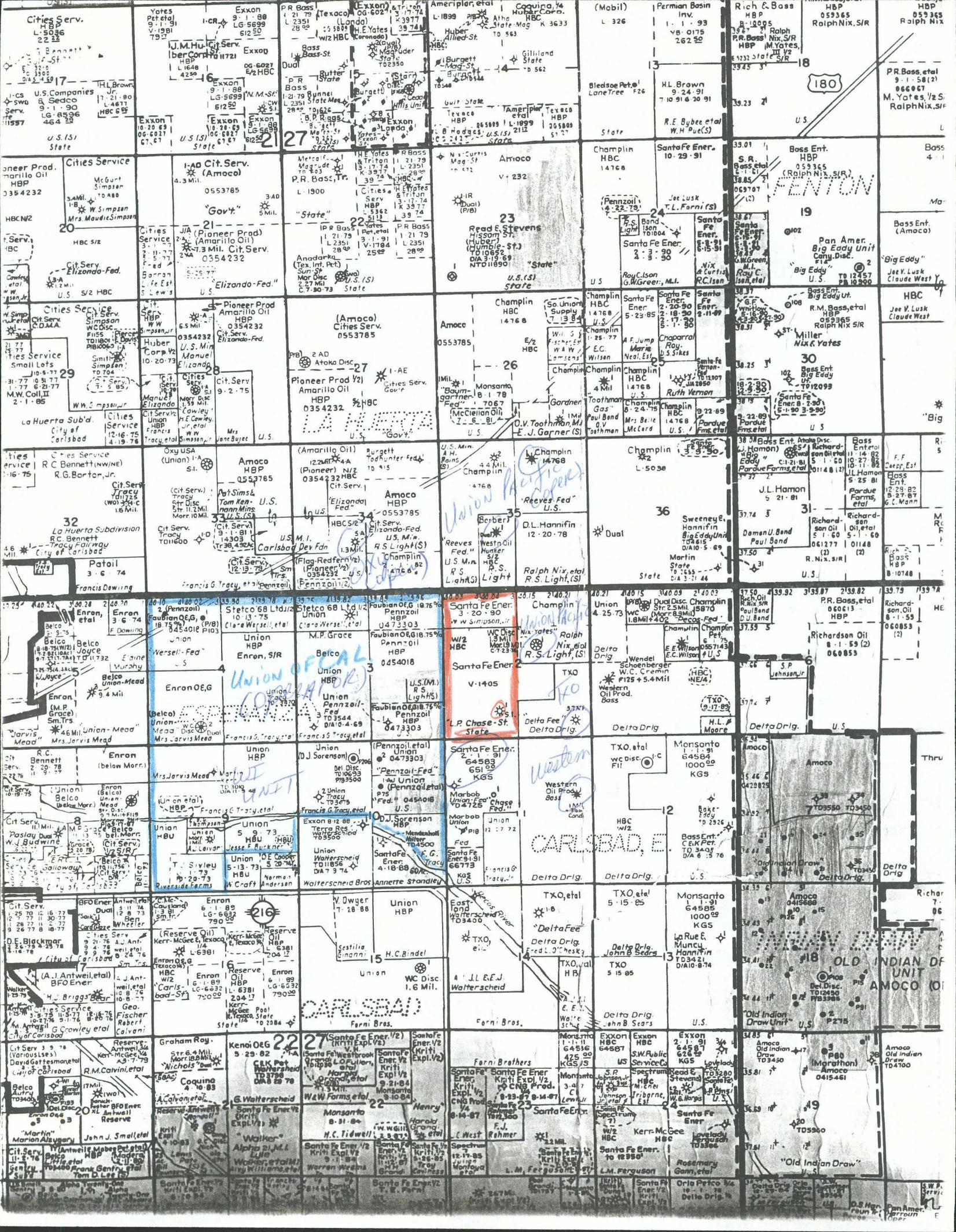
By: \_\_\_\_\_

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

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_





STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

February 1, 1990

Santa Fe Energy Operating Partners, L.P.  
500 W. Illinois  
Suite 500  
Midland, TX 79701

Attention: Terry McCullough

*RE: Application for a non-standard gas well location for  
the Chase 2 State Well No. 1, 990' FSL - 1980'  
FWL (Unit N) of Section 2, Township 22 South,  
Range 27 East, NMPM, East Carlsbad Wolfcamp  
Gas Pool, Eddy County, New Mexico.*

Dear Ms. McCullough:

Pursuant to a telephone conversation January 31, 1990 with Ms. May Morgan in our Artesia District Office, I'm sending you a copy of all correspondence that I have concerning the unorthodox Wolfcamp completion for the subject well.

If you should have any questions concerning this matter, please contact me.

Sincerely,

Michael E. Stogner  
Petroleum Engineer

MES/ag

cc: Oil Conservation Division - Artesia



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

September 29, 1988

Santa Fe Energy Operating Partners, L.P.  
500 W. Illinois  
Suite 500  
Midland, TX 79701

Attention: Patrick J. Tower  
Senior Landman

RE: Application for a non-standard  
gas well location for the  
Chase 2 State Well No. 1, 990'  
FSL - 1980' FWL (Unit N) of  
Sec. 2, T-22S, R-27E, East  
Carlsbad Wolfcamp Gas Pool,  
Eddy County, New Mexico.

Dear Mr. Tower:

Per your letter dated September 21, 1988, it appears that this well is a very good candidate for administrative approval. Please submit the required data pursuant to General Rule 104.F.III. (See attached). Also, please explain the delay in submitting this filing. It appears that completion of this well in the Wolfcamp formation occurred in March, 1987 and first delivery of gas from this formation was January, 28, 1988.

Sincerely,

Michael E. Stogner  
Petroleum Engineer

MES/ag

11/17/89

*Called Pat Tower concerning this matter,  
will call back tomorrow*

1/18/89

*Talked w/ Pat Tower  
concerning this, will  
submit proper plat  
showing off-site and notification.  
All else ok.*



## Santa Fe Energy Operating Partners, L.P.

---

Santa Fe Pacific Exploration Company  
Managing General Partner

September 26, 1988

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

Re: Chase 2 State No. 1  
1980' FWL & 990' FSL  
Section 2, T-22S, R-27E  
Eddy County, New Mexico

Dear Sir:

Santa Fe Energy Operating Partners, L.P. drilled the referenced well at a non-standard location for the Undesignated East Carlsbad Strawn Pool. The location was approved by the Oil Conservation Division ("OCD") under Administrative Order NSL-2302 pursuant to Rule 104F(II). The well was unsuccessful in the Strawn and was completed in the E. Carlsbad Wolfcamp Pool. In regard, and pursuant to Rule 104F(I), it is requested that the OCD grant approval to this well location for the Wolfcamp formation without notice and hearing.

Should you have any questions, please feel free to call.

Sincerely,

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

By Patrick J. Tower  
Patrick J. Tower  
Senior Landman

PJT:dw-788

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

size or shape of the unit is necessitated by a variation in the legal subdivision of the U. S. Public Land Surveys, or the following facts exist and the following provisions are complied with:

- (a) The non-standard unit consists of quarter-quarter sections or lots that are contiguous by a common bordering side.
- (b) The non-standard unit lies wholly within a single governmental quarter section if the well is completed in a pool or formation for which 160 acres is the standard unit size or wholly within a single governmental half section if the well is completed in a pool or formation for which 320 acres is the standard unit size.
- (c) The applicant presents written consent in the form of waivers from all offset operators and from all operators owning interests in the quarter section (for 160-acre pools or formations) or the half section (for 320-acre pools or formations) in which the non-standard unit is situated and which acreage is not included in said non-standard unit.
- (d) In lieu of paragraph (c) of this rule, the applicant may furnish proof of the fact that all of the aforesaid operators were notified by registered or certified mail of his intent to form such non-standard unit. The Director may approve the application if no such operator has entered an objection to the formation of such non-standard unit within 30 days after the Director has received the application.

E. Form C-101, Application for Permit to Drill, Deepen, or Plug Back for any well shall designate the exact legal subdivision allotted to the well and no Form C-101 will be approved by the Division or any of its agents without such proper designation of acreage.

#### F. UNORTHODOX LOCATIONS

I. The Division Director shall have authority to grant an exception to the well location requirements of Sections B and C above without notice and hearing when the necessity for such unorthodox location is based upon topographical conditions, the recompletion of a well previously drilled to a deeper horizon, provided said well was drilled at an orthodox or approved unorthodox location for such original horizon, or to permit the completion of an efficient production and injection pattern within a secondary recovery or pressure maintenance project, provided that any such unorthodox location within such project is no closer than 330 feet to the outer boundary of the lease or the unitized area, nor closer than 10 feet to any quarter-quarter section line or subdivision inner boundary.

II. The Division Director shall have authority to grant an exception to the well location requirements of Rule 104 B.I.(a) and Rule 104 C.II.(a) without notice and hearing when the necessity for such unorthodox location is based upon geologic conditions provided that any such unorthodox location shall be no closer than 660 feet to the nearest side boundary nor closer than 990 feet to the nearest end boundary of the proration unit.

III. ~~Applications for administrative approval of unorthodox locations shall be filed in duplicate and shall be accompanied by plats, showing the ownership of all leases offsetting the proration or spacing unit for which the unorthodox location is sought, and also all wells completed thereon.~~ If the proposed unorthodox location is based upon topography, the plat shall also show and describe the existent topographical conditions. If the proposed unorthodox location is based upon completion of an efficient production and injection pattern, the plat shall also show the project outline identifying all producing and injection wells therein, and the applicant shall further include a statement setting forth the necessity for such location. If the proposed unorthodox location is based upon geology as provided in Paragraph II above, the application shall include

appropriate geologic maps, cross-sections, and/or logs, and a discussion of the geologic conditions which result in the necessity for the unorthodox location.

IV. ~~All operators of proration or spacing units offsetting the unit for which the unorthodox location is sought shall be notified of the application by certified or registered mail, and the application shall state that such notification has been given. The Division Director may approve the unorthodox location upon receipt of waivers from all offset operators or if no offset operator has entered an objection to the unorthodox location within 20 days after the Director has received the application.~~

V. The Division Director may, at his discretion, set any application for administrative approval of an unorthodox location for public hearing.

G. Whenever an exception is granted, the Division may take such action as will offset any advantage which the person securing the exception may obtain over other producers by reason of the unorthodox location.

H. If the drilling tract is within an allocated oil pool or is placed within such allocated pool at any time after completion of the well and the drilling tract consists of less than 39½ acres or more than 40½ acres, the top unit allowable for such well shall be increased or decreased in the proportion that the number of acres in the drilling tract bears to 40.

I. If the drilling tract is within an allocated gas pool or is subsequently placed within an allocated gas pool, and the drilling tract consists of less than 158 acres or more than 162 acres in 160-acre pools, or less than 316 acres or more than 324 acres in 320-acre pools, the top allowable for such well shall be decreased or increased in the proportion that the number of acres in the drilling tract bears to a standard unit for the pool.

J. In computing acreage under H and I above, minor fractions of an acre shall not be counted but ½ acres or more shall count as 1 acre.

K. The provisions of H and I above shall apply only to wells completed after January 1, 1950. Nothing herein contained shall affect in any manner any well completed prior to the effective date of this rule and no adjustments shall be made in the allowable production for any such wells by reason of these rules.

L. In order to prevent waste the Division may, after notice and hearing, fix different spacing requirements and require greater acreage for drilling tracts in any defined oil pool or in any defined gas pool notwithstanding the provisions of B and C above.

M. The Division may approve the pooling or communitization of fractional lots of 20.49 acres or less with another oil proration unit when:

1. The units involved are contiguous;
2. They are part of the same basic lease, carrying the same royalty interest; and
3. The ownership of the units involved is common.

Application to the Division for pooling shall be accompanied by three (3) copies of a certified plat showing the dimensions and acreage involved in the pooling, the ownership of all leases and royalty interests involved, and the location of any proposed wells.

RECEIVED

FEB 01 '88

NO. OF LINES APPLICABLE	
DISTRICT	
SANTA FE	<input checked="" type="checkbox"/>
FILE	
M.D.S.	
LAND OFFICE	
TRANSPORTER	
OIL	
GAS	
OPERATION	
PROMOTION OFFICE	
Operator	

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

**Operator**  
Santa Fe Energy Operating Partners, L.P.

**Address**  
500 W. Illinois, Suite 500, Midland, TX 79701

**Reason(s) for filing (Check proper box)**

New Well	<input checked="" type="checkbox"/>	Change in Transporter of:		Other (Please explain)	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>	Dry Gas	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Coastinghead Gas	<input type="checkbox"/>	Condensate	<input type="checkbox"/>

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.			
Chase 2 State	1	Unders. E. Carlsbad Wolfcamp	State, Federal or Fee State	1405			
Location							
Unit Letter	N	1980 Feet From The West	Line and 990 Feet From The South				
Line of Section	2	Township	22S	Range	27E	County	Eddy

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Permian Corp.	P. O. Box 3119, Midland, TX 79702
Name of Authorized Transporter of Coastinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Pinnacle Natural Gas Co.	P. O. Box 11248, Midland, TX 79702
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
N 2 22S 27E	Yes 2-28-88

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
12-17-86		10,705	10,558					
Elevations (DF, RAB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
3105.4 GL	Wolfcamp	9579	9470					
Perforations	Depth Casing Shoe							
9579-9693'	10,699							

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17 1/2	13 3/8	455	475
12 1/4	8 5/8	2,100	2375
7 7/8	5 1/2	10,699	1236
	2 3/8	9,470	

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
278	10 hrs	22	63.7
Testing Method (pilot, back pr.)	Tubing Pressure (Shot-in)	Casing Pressure (Shot-in)	Choke Size
Flow	3950	0	8/64

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Billie West  
(Signature)  
Sr. Production Clerk  
(Title)  
1-29-88  
(Date)

OIL CONSERVATION DIVISION

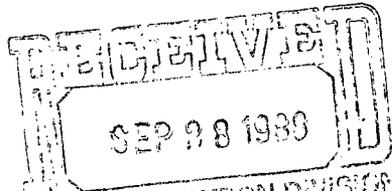
APPROVED MAR 10 1988  
BY W. A. Williams  
TITLE OIL AND GAS INSPECTOR

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepen well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for all wells on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filled for each pool in multi-



# Santa Fe Energy Operating Partners, L.P.

Santa Fe Pacific Exploration Company  
Managing General Partner



September 26, 1988

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

Re: Chase 2 State No. 1  
1980' FWL & 990' FSL  
Section 2, T-22S, R-27E  
Eddy County, New Mexico

Dear Sir:

Santa Fe Energy Operating Partners, L.P. drilled the referenced well at a non-standard location for the Undesignated East Carlsbad Strawn Pool. The location was approved by the Oil Conservation Division ("OCD") under Administrative Order NSL-2302 pursuant to Rule 104F(II). The well was unsuccessful in the Strawn and was completed in the E. Carlsbad Wolfcamp Pool. In regard, and pursuant to Rule 104F(I), it is requested that the OCD grant approval to this well location for the Wolfcamp formation without notice and hearing.

Should you have any questions, please feel free to call.

Sincerely,

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

By Patrick J. Tower  
Patrick J. Tower  
Senior Landman

PJT:dw-788

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

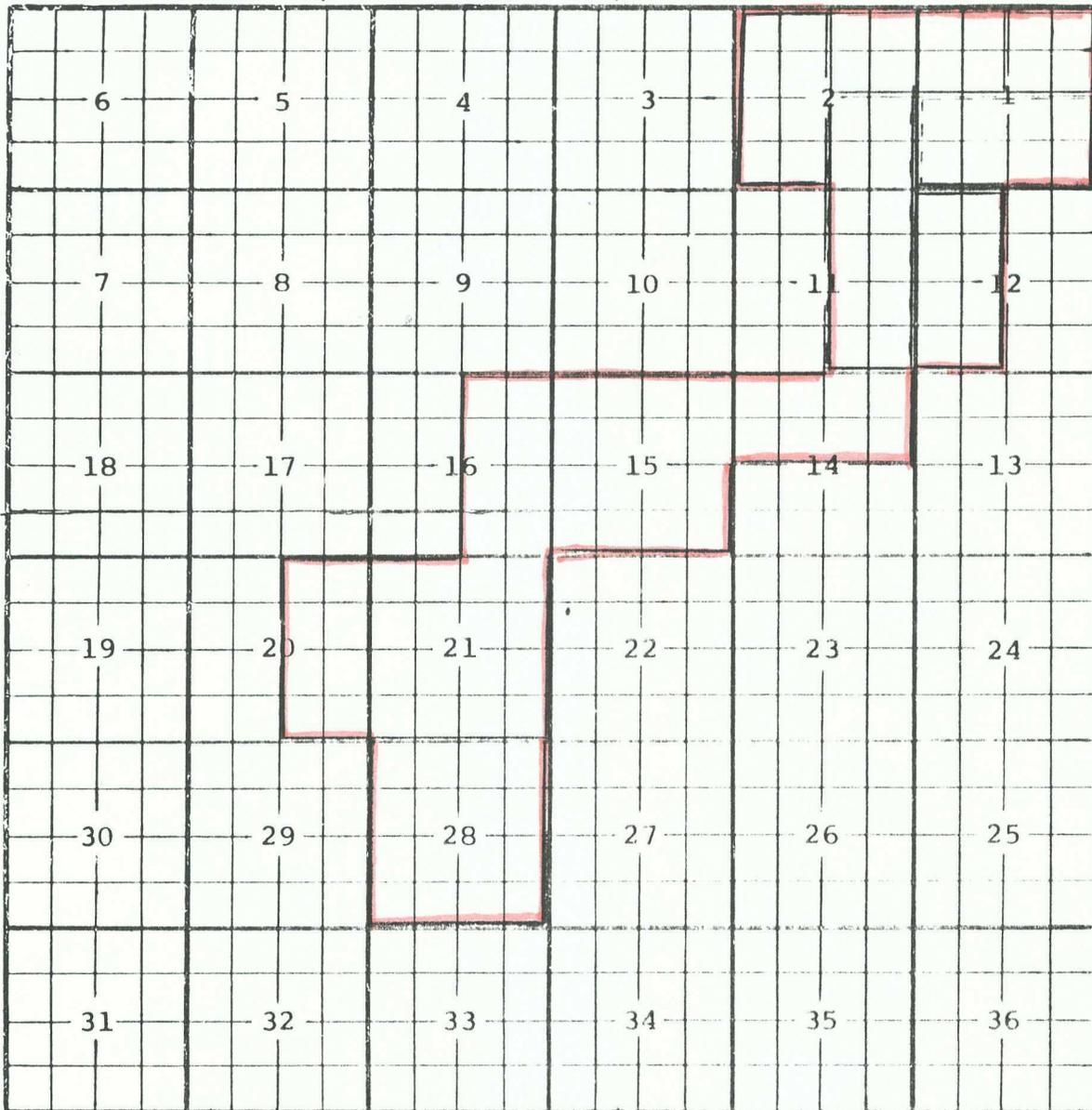
COUNTY Eddy

POOL East Carlsbad - Wolfcamp Gas

TOWNSHIP 22 South

RANGE 27 East

NMFM



Description:  $NW\frac{1}{4}$  Sec 1,  $NE\frac{1}{4}$  Sec 2 (R-5015, 6-1-75)  
Ext:  $NE\frac{1}{4}$  Sec 1 (R-5124, 12-1-75) Ext:  $SE\frac{1}{4}$  Sec 2,  $E\frac{1}{2}$  Sec 11 (R-5667, 4-1-78)  
Ext:  $N\frac{1}{2}$  Sec 14, All Sec 15,  $E\frac{1}{2}$  Sec 16,  $E\frac{1}{2}$  Sec 20, All Sec 21 (R-6698, 6-2-81)  
Ext: All Sec 28 (R-8391, 1-22-87) Ext:  $W\frac{1}{2}$  Sec 12 (R-8431, 4-15-87)  
Ext:  $W\frac{1}{2}$  Sec 2 (R-8455, 6-15-87) EXT:  $S\frac{1}{2}$  Sec 1 (R-8592, 1/25/88)

STATE OF NEW MEXICO  
STATE LAND OFFICE  
ACTIVE COMMUNITIZATIONS

COMMUNITIZATION NAME: Chase 2 State Com Well No. 1-N

OPERATOR: Santa Fe Energy Operating Partners, L.P.

DATE APPROVED: September 12, 1988

EFFECTIVE DATE: August 22, 1988

COUNTY: Eddy

TOTAL ACREAGE: 320.12

STATE ACREAGE: 240.00

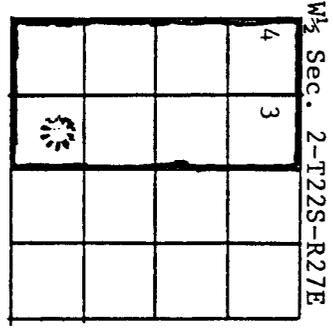
DEDICATED TO: Wolfcamp

INSTITUTION: Common Schools

TERM OF COMMUNITIZATION: One year and so long as

WELL LOCATION: SE $\frac{1}{4}$ SW $\frac{1}{4}$  (N)

*No other wells in unit.*



SEC.	TWP.	RGE.	SUBDIVISION	LEASE NO.	LESSEE	ACREAGE
2	22S	27E	SE $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$	V-1405-1	Santa Fe Energy Operating Part. L.P.	240.00
2	22S	27E	NE $\frac{1}{4}$ NW $\frac{1}{4}$	FEE		80.12
						320.12

FEB 01 88

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

**I. OPERATOR**

OPERATOR: Santa Fe Energy Operating Partners, L.P.  
 ADDRESS: 500 W. Illinois, Suite 500, Midland, TX 79701

REASON(S) FOR FILING (Check proper box):  
 New Well  Change in Transporter of: Oil  Dry Gas   
 Recompletion  Casinghead Gas  Condensate   
 Change in Ownership

If change of ownership give name and address of previous owner: \_\_\_\_\_

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Chase 2 State	1	<del>Wolcamp</del> E. Carlsbad Wolfcamp	State, Federal or Fee State	1405

Location:  
 Unit Letter: N ; 1980 Feet From The West Line and 990 Feet From The South  
 Line of Section: 2 Township: 22S Range: 27E NMPM, Eddy County

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil  or Condensate : Permian Corp.  
 Address (Give address to which approved copy of this form is to be sent): P. O. Box 3119, Midland, TX 79702

Name of Authorized Transporter of Casinghead Gas  or Dry Gas : Pinnacle Natural Gas Co.  
 Address (Give address to which approved copy of this form is to be sent): P. O. Box 11248, Midland, TX 79702

If well produces oil or liquids, give location of tanks:  
 Unit: N Sec: 2 Twp: 22S Rge: 27E  
 Is gas actually connected? Yes When: 1-28-88

**IV. COMPLETION DATA**

Designate Type of Completion - (X) Oil Well Gas well New Well Workover Deepen Plug Back Same Res't. Diff. Rec't.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
12-17-86	3-9-87	10,705	10,558
Elevations (DF, RAB, RT, CR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
3105.4 GL	Wolfcamp	9579	9470
Perforations			Depth Casing Shoe
9579-9693'			10,699

**TUBING, CASING, AND CEMENTING RECORD**

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17 1/2	13 3/8	455	475
12 1/4	8 5/8	2,100	2375
7 7/8	5 1/2	10,699	1236
	2 3/8	9,470	

**V. TEST DATA AND REQUEST FOR ALLOWABLE** (Test must be after recovery of total volume of load oil and must be equal to or exceed top oil: able for this depth or be for full 24 hours)

**OIL WELL**

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bble.	Water-Bble.	Gas-MCF

**GAS WELL**

Actual Prod. Test-MCF/D	Length of Test	Bble. Condensate/MCF	Grossly of Condensate
278	10 hrs	22	63.7
Testing Method (spiral, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size
Flow	3950	0	8/64

**VI. CERTIFICATE OF COMPLIANCE**

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Billie Hard  
 (Signature)  
 Sr. Production Clerk  
 (Title)  
 1-29-88  
 (Date)

OIL CONSERVATION DIVISION

APPROVED MAR 10 1988, 19

BY Mark Williams

TITLE OIL AND GAS INSPECTOR

This form is to be filed in compliance with RULE 1004.  
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.  
 All sections of this form must be filled out completely for all wells on new and recompleted wells.  
 Fill out only Sections I, II, III, and VI for changes of owner name or number, or transporter or other such change of condition. Separate Forms C-104 must be filled for each pool in multi-

SF ✓

OIL CONSERVATION DIVISION RECEIVED

Hobbs  
P.O. Box 1980  
Hobbs, NM 88240

Artesia  
P.O. Drawer DD  
Artesia, NM 88210

MAR 01 '88 Aztec  
1000 Rio Brazos  
Aztec, NM 87410

O.C.D.  
ARTESIA OFFICE

MAR 14 1988  
NOTICE OF GAS WELL - CONNECTION / RECONNECTION / DISCONNECTION

This is to notify the Oil Conservation Division of the following:

Connection	<u>  X  </u>	First Delivery	<u>01-28-88</u>	<u>          </u>
			Date	Initial Potential
Reconnection	<u>      </u>	First Delivery	<u>          </u>	<u>          </u>
			Date	Initial Potential
Disconnection	<u>      </u>			

for delivery of gas from the Santa Fe Operating Partners, L.P. ✓  
Operator

Chase 2 State  
Lease

<u>n/a</u>	<u>n/a</u>	<u>1</u>	<u>N</u>	<u>2-22S-27E</u>
Meter Code	Site Code	Well No.	Unit Letter	S-T-R

East Carlsbad Wolfcamp Pool  
Pool

was made on 01/28/88  
date

889  
AOF

Var.

Choke

Pinnacle Natural Gas Company  
Transporter

OCD use only

County Eddy

Land Type State

Liq. Transporter PNG

Charles S. Kuss, President  
Representative Name/Title  
(Please type or print)

Charles S. Kuss  
Representative Signature

Submit in duplicate to the appropriate district office.



30-015-25698

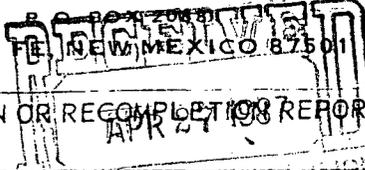
STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	



5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
1405

7. Unit Agreement Name

8. Farm or Lease Name  
Chase 2 State

9. Well No.  
1

10. Field and Pool, or Wildcat  
E. Garbhad  
Hines, Wolfcamp

1. TYPE OF WELL  
OIL WELL  GAS WELL  DRY

2. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.

Name of Operator  
Santa Fe Energy Operating Partners, L.P.

Address of Operator  
500 W. Illinois, Suite 500, Midland, TX 79701

Location of Well

3. LETTER N LOCATED 1980 FEET FROM THE West LINE AND 990 FEET FROM

4. South LINE OF SEC. 2 TWP. 22S RGE. 27E NMPM

5. Date Spudded 12-17-87 16. Date T.D. Reached 1-19-87 17. Date Compl. (Ready to Prod.) 3-9-87 18. Elevations (DF, RKB, RT, GR, etc.) 3105.4' GL 19. Elev. Casinghead

20. Total Depth 10,705 21. Plug Back T.D. 10,558 22. If Multiple Compl., How Many -- 23. Intervals Drilled By: Rotary Tools All Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name  
9579-9693' Wolfcamp

25. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run Basehole Compensated Sonic Log, Dual Laterolog-SFL, Compensated Neutron Formation Density, Dual Induction-SFL 27. Was Well Cored  
No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	455	17 1/2	475 sx C1 C	
8 5/8	24	2100	12 1/4	1250 Lite & 1125 C1 C	
5 1/2	23	10699	7 7/8	1236 sx C1 H	

LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	9470	9470

31. Perforation Record (Interval, size and number)  
9579-9693' 2 JSPF - 52 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL: 9579-9693' AMOUNT AND KIND MATERIAL USED: Acidize w/6000 gals 15% HCl

33. PRODUCTION

Date First Production 3-9-87 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) SI WOPL

Date of Test <u>3-9-87</u>	Hours Tested <u>4</u>	Choke Size <u>Var.</u>	Prod'n. For Test Period <u>6</u> Oil - Bbl.	Gas - MCF <u>63</u>	Water - Bbl. <u>0</u>	Gas-Oil Ratio <u>10,483</u>
Flow Tubing Press. <u>2250</u>	Casing Pressure <u>pkr</u>	Calculated 24-Hour Rate <u>36</u> Oil - Bbl.	Gas - MCF <u>889</u>	Water - Bbl. <u>0</u>	Oil Gravity - API (Corr.) <u>63.7</u>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed By

35. List of Attachments  
C122, deviation, logs, C104

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Billie Hard TITLE Sr. Production Clerk DATE 4-2-87

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand 2189	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs 5360	T. Wingate _____	T. _____
T. Wolfcamp 9578	T. _____	T. Chinle _____	T. _____
T. Penn. 9851	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet

No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	530		Sd, Sh & Anhydrite				
520	1976		Anhy, Lm & Salt				
1976	2107		Lamar Lm				
2107	3935		Lm, Sd, Sh				
3935	4880		Sd				
4880	6065		Lm, Sh				
6065	6725		Sd, Lm, Sh				
6725	8775		Sd, Lm				
8775	10700		Lm, Sh				

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 APR -6 1987  
 O. C. D.  
 ARTESIA, OFFICE

WILLBROS DRILLING, INC.



INCLINATION REPORT

OPERATOR:

Santa Fe Energy Operating Partners, L.P.  
 500 W. Illinois, Suite 500  
 Midland, Texas 79701

LOCATION:

Chase State 7 No. 1,  
 Eddy County, New Mexico,  
 1980' FWL, 990' FSL,  
 Section 2, T-22-S, R-27-E.

DEPTH FEET	INCLINATION DEGREES	DEPTH FEET	INCLINATION DEGREES	DEPTH FEET	INCLINATION DEGREES
167	1/2	2,878	1	8,091	1-3/4
310	1-1/2	3,019	3/4	8,333	2
403	1-1/2	3,395	3/4	8,640	2-3/4
593	1	3,765	3/4	8,950	2-3/4
750	2	4,240	3/4	9,269	2-1/4
815	2	4,669	3/4	9,606	2-1/2
876	2-1/2	5,240	1-1/4	10,075	2-1/4
935	2	5,727	2-3/4	10,660	1-3/4
996	2	5,948	2-1/4	10,700	1-3/4
1,098	1-3/4	6,236	1-3/4		
1,435	1-1/2	6,543	1-3/4		
1,659	3-1/2	6,862	2		
1,745	2-3/4	7,268	3-1/2		
1,888	2-1/2	7,447	3-1/2		
2,301	1-1/2	7,641	2-3/4		
2,565	1	7,854	1		

COUNTY OF MIDLAND  
 STATE OF TEXAS

The undersigned states that he has knowledge of the facts and matter herein set forth and that the same are true and correct.

E. E. Grimes, President

SUBSCRIBED AND SWORN TO BEFORE ME THIS 29 day of January 19 87

Notary Public

My commission expires: December, 1988

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Form C-122  
Revised 10-1-78  
APR -6 1987

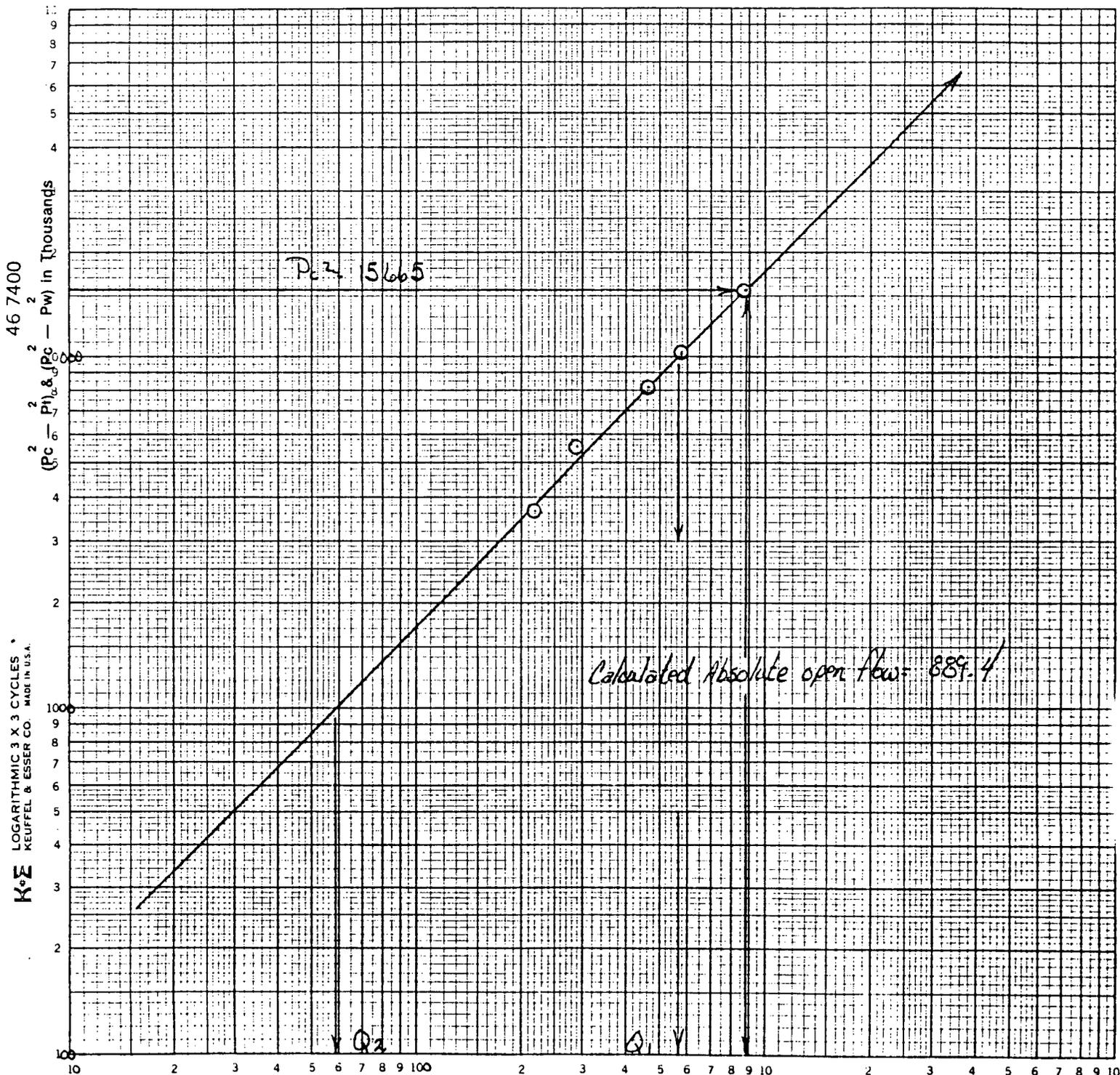
5F

MULTIPOINT AND ONE-POINT BACK PRESSURE TEST FOR GAS WELD.

Type Test 4POINT <input checked="" type="checkbox"/> Initial <input checked="" type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 3-9-87		ARTESIA, OFFICE							
Company SANTA FE ENERGY <i>Op. Plan</i> TO AIR											
Pool <i>E. Carlbrook ad W. G. G.</i>				Formation WOLF CAMP							
Completion Date 3-4-87		Total Depth 10705		Plug Back TD 10558							
Elevation 9470		Farm or Lease Name CHASE STATE 2									
Coq. Size 5.500	Wt. 23#	d 4.670	Set At 10699	Perforations: From 9579 To 9693							
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 9470	Perforations: From OPEN To ENDED							
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				County EDDY							
Producing Thru TUBING		Reservoir Temp. °F 221# 9636		State NEW MEXICO							
Mean Annual Temp. °F 60°		Baro. Press. -- P <sub>a</sub> 13.2		Well No. 1							
L 9636	H 9636	G <sub>g</sub> .7234	% CO <sub>2</sub> .066	% N <sub>2</sub> .514	% H <sub>2</sub> S 0						
Prover 0		Meter Run 3.068		Taps FLG							
FLOW DATA			TUBING DATA		BHP DATA						
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI							3984	65	5418	221	123 HR
1.	3.068		1.000	405	3.5	85	3410	64	4879	221	60 MIN
2.	3.068		1.000	410	6.0	85	3022	64	4514	221	60 MIN
3.	3.068		1.000	415	15.0	78	2645	63	4049	221	60 MIN
4.	3.068		1.000	415	23.0	75	2250	62	3581	221	60 MIN
5.											
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor F <sub>g</sub>	Super Compress. Factor, F <sub>pv</sub>	Rate of Flow Q, Mcfd				
1	4.789	38.26	418.2	0.9768	1.1757	1.0455	220				
2	4.789	50.39	423.2	0.9768	1.1757	1.0460	290				
3	4.789	80.14	428.2	0.9831	1.1757	1.0492	465				
4	4.789	99.24	428.2	0.9859	1.1757	1.0503	579				
5											
NO.	P <sub>1</sub>	Temp. °R	T <sub>1</sub>	Z	Gas Liquid Hydrocarbon Ratio 10.483 Mcf/bbl.						
1	0.63	545	1.38	0.915	A.P.I. Gravity of Liquid Hydrocarbons 63.7 Deg.						
2	0.64	545	1.38	0.914	Specific Gravity Separator Gas 0.723 XXXXXXXXXX						
3	0.64	538	1.36	0.908	Specific Gravity Flowing Fluid XXXXXX 0.940						
4	0.64	535	1.35	0.907	Critical Pressure 666 P.S.I.A. 655 P.S.I.A.						
5					Critical Temperature 396 R 463 R						
NO.	P <sub>1</sub>	P <sub>w</sub>	P <sub>1</sub> <sup>2</sup>	P <sub>1</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	$(1) \frac{P_c^2}{P_1^2 - P_w^2} = 1.5477$ $(2) \left[ \frac{P_c^2}{P_1^2 - P_w^2} \right]^n = 1.5362$						
1	11718	3469	12035	3631	$AOF = Q \left[ \frac{P_c^2}{P_1^2 - P_w^2} \right]^n = 889.4$						
2	9212	3145	9892	5773							
3	7066	2744	7527	8139							
4	5122	2355	5544	10121							
5											
Absolute Open Flow 889		Mcf @ 15.025			Angle of Slope α 45.5			Slope, n 0.983			
Remarks: BOTTOM HOLE PRESSURE TAKEN WITH AMERADA INSTRUMENTS											
Approved By Division			Conducted By: BENNETT & CATHEY			Calculated By: RICHARD TOWNLEY			Checked By:		

# BENNETT & CATHEY PRODUCTION TESTING BACK PRESSURE CURVE

Operator Santa Fe Energy Lease Chase State 2 Well No. 1  
 County Eddy Field \_\_\_\_\_ Location 2 22S 27E  
 Date of Test 3-9-87 Slope "n" 0.983 Angle of Slope 45.5  
 Calc. Abs. Potential 889.4 MCF/D



46 7400

K<sup>0.5</sup>E LOGARITHMIC 3 X 3 CYCLES  
KEUFFEL & ESSER CO. MADE IN U.S.A.

$$\frac{\Delta P_1}{\Delta P_2} = \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} = \frac{10000}{1000}$$

$$Q_1 = \underline{567}$$

$$Q_2 = \underline{59}$$

Q in MCF/Day

$$\text{LOG } Q_1 = \underline{2.7538}$$

$$\text{LOG } Q_2 = \underline{1.7708}$$

$$n = \underline{0.983}$$

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OPERATOR	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-

30-015-25698

10. Indicate Type of Lease  
State  Fee

11. State Oil & Gas Lease No.

1405

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT DEPTH. USE APPLICATION FOR PERMIT - FORM C-1011 FOR SUCH PURPOSES.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	<b>RECEIVED BY</b>  <b>FEB - 5 1987</b>  <b>O. C. D.</b> <b>ARTESIA, OFFICE</b>	7. Unit Agreement Name
2. Name of Operator Santa Fe Energy Operating Partners, L.P.		8. Form of Lease Name Chase 2 State
3. Address of Operator 500 W. Illinois, Suite 500, Midland, TX 79701		9. Well No. 1
4. Location of well UNIT LETTER <u>N</u> <u>1980</u> FEET FROM THE <u>West</u> LINE AND <u>990</u> FEET FROM THE <u>South</u> LINE, SECTION <u>2</u> TOWNSHIP <u>22S</u> RANGE <u>27E</u> NMPM.		10. Field and Pool, or Whichever Unders. East Carlsbad Strawn
15. Elevation (Show whether DF, RT, GR, etc.) 3105.4' GL	12. County Eddy	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1-20-87:- Set 5 1/2", 23# N80 @ 10,699'. Cmt w/1235 sx Cl H w/5# KCl, .4% Halad 22-A, 3% CFR3. Circ cmt.

Rig released 1-21-87 2:00 PM. WOCU.

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

SIGNED Billie Hood Billie Hood TITLE Sr. Production Clerk DATE 2-3-87

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE FEB 6 1987

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

Form C-103  
Revised 10-1-77

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OPERATION	

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JAN 12 1987  
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P.O. BOX 2088  
SANTA FE, NEW MEXICO 87501

30-015-25698

5a. Indicate Type of Lease  
State  Fee   
5. State Oil & Gas Lease No.  
1405

SUNDRY NOTICES ANDICE REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS ANDICE REPORTS OR PLUG BACK TO A DIFFERENT RESERVOIR. USE PUBLIC NOTICE REPORT FORM C-1011 FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator Santa Fe Energy Operating Partners, LP	8. Farm or Lease Name Chase 2 State
3. Address of Operator 500 W. Illinois, Suite 500, Midland, TX 79701	9. Well No. 1
4. Location of Well UNIT LETTER N 1980 FEET FROM THE West LINE AND 990 FEET FROM THE South LINE, SECTION 2 TOWNSHIP 22S RANGE 27E NMPM.	10. Field and Posi, or WHdeat Undes. East Carlsbad Strawn
15. Elevation (Show whether DF, RT, GR, etc.) 3105.4' GL	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spud: 12-17-86 @ 11:00 PM 17 1/2" hole  
 12-19-86: Set 13 3/8" 48# H40 @ 455'. Cmt w/1000 gals flo ck. 150 sx thickset, 275 sx Cl C 2% CaCl<sub>2</sub>. Plug down @ 10 p.m. WOC 6 hrs. Run temp survey TOC 160'. Pick up 1" cmt to surface. WOC 15 hrs. Test to 600 psi. Resume drilling 12-20-86. Hole size 12 1/4".  
 12-27-86: Set 8 5/8" 24# N-80 ST&C @ 2100'. Cmt w/1250 sx lite 15# salt, 1/4# flocele followed by 360 sx Cl C 2% CaCl<sub>2</sub>. Did not circulate. Plug down @ 1:00 p.m. WOC 9 hrs. Ran temp survey TOC 580'. Cmt thru 1" w/265 sx Cl C 3% CaCl<sub>2</sub>. Circulate 15 sx to pits. WOC 16 3/4 hrs. Test to 1500 psi. Resume drilling 12-28-86.

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

SIGNED Billie Hood Billie Hood TITLE Sr. Production Clerk DATE 1-6-87

APPROVED BY Les A. Clements TITLE SUPERVISOR, DISTRICT II DATE JAN 14 1987

CONDITIONS OF APPROVAL, IF ANY:

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5A. Indicate Type of Lease  
STATE  FEDERAL   
5. State Oil & Gas Lease No.  
1405

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Chase State 2 State	
2. Name of Operator Santa Fe Energy Operating Partners		9. Well No. 1	
3. Address of Operator 500 W. Illinois, Suite 500, Midland, TX 79701		10. Field and Pool, or Wildcat Undes. East Carlsbad (Strawn)	
4. Location of Well UNIT LETTER N LOCATED 1980 FEET FROM THE West LINE AND 990 FEET FROM THE South LINE OF SEC. 2 TWP. 22S RGE. 27E NMPM		12. County Eddy	
19. Proposed Depth 10,700'		19A. Formation Strawn	
20. Rig or C.T. Rotary		21. Kind & Status Plug. Bond Current-Blanket	
21B. Drilling Contractor To be determined		22. Approx. Date Work will start As soon as permitted	
21. Elevations (show whether DF, RT, etc.) 3105.4 GL		23. PROPOSED CASING AND CEMENT PROGRAM	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48.0	450'	475	Surface
12 1/4"	8 5/8"	24.0	2200'	980	Surface
7 7/8"	5 1/2"	17.0	10700'	400	8000'

Move on location and rig up. Drill 17 1/2" hole to 450'. Run 13 3/8" casing and cement with 627 cu.ft. of Class C cement containing 2% CaCl<sub>2</sub>. Wait on cement until 500 psi compressive strength is obtained. Nipple up diverter system consisting of 1 bag type preventer. Test casing to 600 psi. Drill 12 1/4" hole to 2200'. Run 8 5/8" casing and cement with 1550 cu.ft. 65/65 Class C poz containing 0.25# per sack flocele followed by 396 cu.ft. Class C containing 2% CaCl<sub>2</sub>. Wait on cement until 500 psi compressive strength is obtained. Nipple up 5000 psi double ram BOP with hydrill. Test casing to 1500 psi. Drill 7 7/8" hole to 10,700'. Either plug and abandon or run 5 1/2" casing and cement with sufficient Class H to cover possible producing zones.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 5/12/87  
UNLESS DRILLING UNDERWAY

NSL - 2362  
Appv. 12-1-86

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Michael R. Buntin Title Senior Drilling Engineer Date 11/5/86

(This space for State Use)

APPROVED BY Darrell Moore TITLE Geologist DATE 11/12/86

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient time to witness cementing the 8 5/8" casing.

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

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>Santa Fe Operating Partners LP</b>		Lease <b>Chase State 2</b>		Well No. <b>1</b>
Unit Letter <b>N</b>	Section <b>2</b>	Township <b>22 South</b>	Range <b>27 East</b>	County <b>Eddy</b>
Actual Footage Location of Well: <b>990</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>West</b> line				
Ground Level Elev. <b>3105.4</b>	Producing Formation <b>Strawn</b>	Pool <b>Undes. E. Carlsbad Strawn</b>		Dedicated Acreage: <b>320</b> Acres

**RECEIVED BY**

**NOV 10 1986**

**O. C. D.**

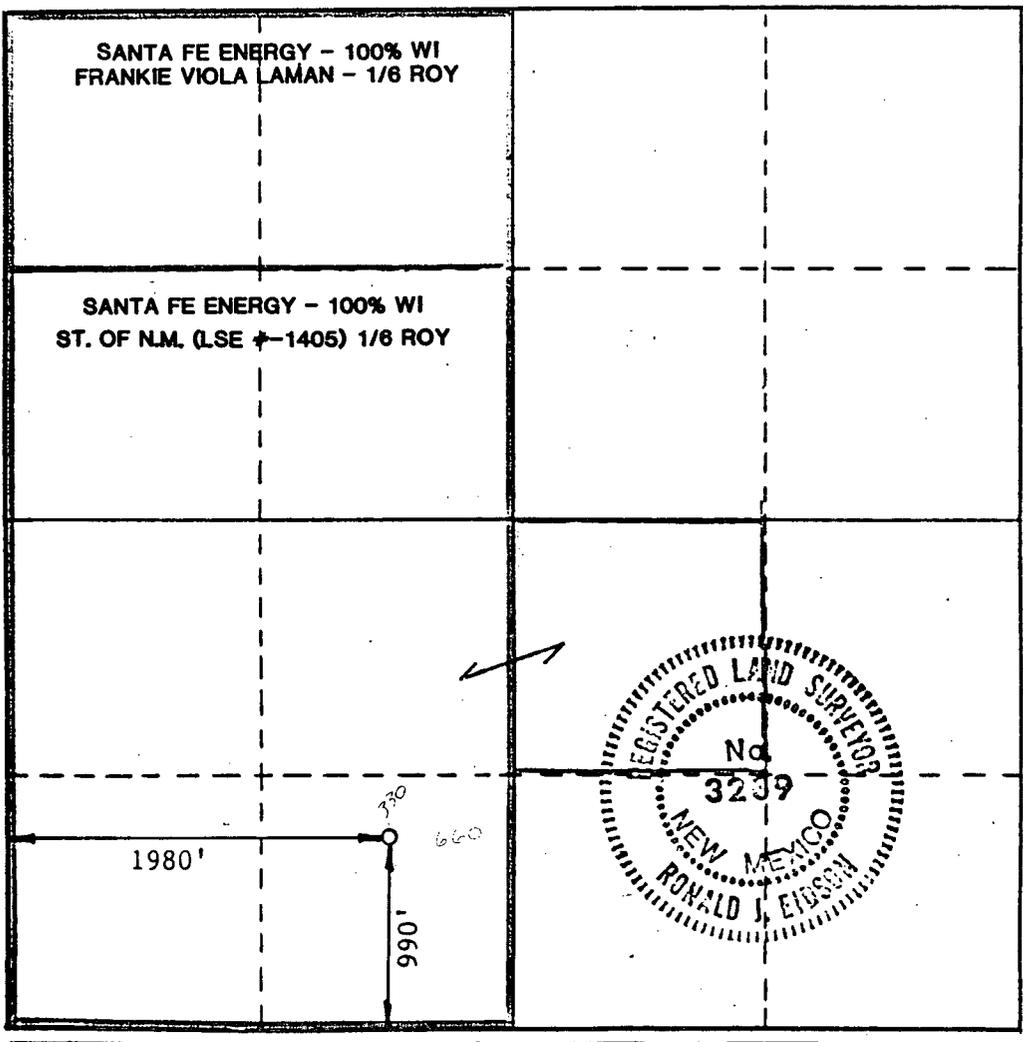
**ARTESIA, OFFICE**

1. Outline the acreage dedicated to the subject well by colored pencil or hash marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes     No    If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

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

Name  
*Michael R. Boston*

Position  
**Santa Fe Energy Oper. Part. LP**

Company

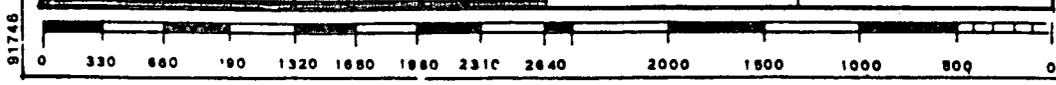
Date  
**11-7-86**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.*

Date Surveyed  
**November 3 & 4, 1986**

Registered Professional Engineer and/or Land Surveyor  
*Ronald J. Eidson*

Certificate No. **JOHN W. WEST, 676**  
**RONALD J. EIDSON, 3239**



91748



# Santa Fe Energy Operating Partners, L.P.

---

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

BH/dw

Enclosures

dz-185

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

**WRS COMPLETION REPORT**

COMPLETIONS SEC 2 TWP 22S RGE 27E  
PI# 30-T-0017 05/18/87 30-015-25698-0000 PAGE 1

NMEX EDDY \* 990FSL 1980FWL SEC SE SW  
STATE COUNTY FOOTAGE SPOT  
SANTA FE ENERGY OPERATOR D DG  
WELL CLASS INIT FIN

1 CHASE "2" STATE  
WELL NO. LEASE NAME

3122KB 3105GR CARLSBAD E  
OPER ELEV FIELD/POOL/AREA

API 30-015-25698-0000

LEASE TYPE NO. PERMIT OR WELL I.D. NO.

12/17/1986 03/09/1987 ROTARY GAS  
SPUD DATE COMP. DATE TYPE TOOL STATUS

10700 WOLFCAMP WILLBROS DRLG 1 RIG SUB 16  
PROJ. DEPTH PROJ. FORM CONTRACTOR

DTD 10705 PB 10558 FM/TD WOLFCAMP  
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

LOCATION DESCRIPTION

3 MI E CARLSBAD, NM

WELL IDENTIFICATION/CHANGES

PROJ FM CHGD FROM STRAWN

CASING/LINER DATA

CSG 13 3/8 @ 455 W/ 425 SACKS  
CSG 8 5/8 @ 2100 W/ 1610 SACKS  
CSG 5 1/2 @10699

TUBING DATA

TBG 2 3/8 AT 9470

INITIAL POTENTIAL

IPF 889 MCFD 24HRS  
WOLFCAMP PERF 9579- 9693  
PERF 9579- 9693

SITP 3984  
@ 9636FT BHT 221F  
220MCFD TP 3410 BHFP 3469  
290MCFD TP 3022 BHFP 3145  
465MCFD TP 2645 BHFP 2744  
579MCFD TP 2250 BHFP 2355

BH 3958 FPCAOF 889MCFD  
GTY 63.7 GOR 10483

CONTINUED IC# 300157021286

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**Petroleum Information**

PI-WRS-GET  
Form No 187

**BB** a company of  
The Dun & Bradstreet Corporation

COMPLETIONS SEC 2 TWP 22S RGE 27E  
PI# 30-T-0017 05/18/87 30-015-25698-0000 PAGE 2

SANTA FE ENERGY D DG  
1 CHASE "2" STATE

INITIAL POTENTIAL

GAS GTY .723  
P/L CON NONE  
1ST THRU 4TH PT TEST IN 60 MINS, CKS NOT RPTD  
NATURAL

DRILLING PROGRESS DETAILS

SANTA FE ENERGY  
500 W ILLINOIS STE 500  
MIDLAND, TX 79701  
915-687-3551  
12/18 LOC/1986/  
01/16 DRLG 10200  
01/22 10705 TD, RNG CSG  
02/12 10705 TD, PB 10558, WOPT  
05/13 TD REACHED 01/21/87 RIG REL 01/22/87  
10705 TD, PB 10558  
COMP 3/9/87, IPCAOF 889 MCFGPD, GOR 10483,  
GTY 63.7, GTY (GAS) .723,  
SIWHP 3984, SIBHP 3958  
PROD ZONE - WOLFCAMP 9579-9693  
NO CORES OR DSTS RPTD

**EAST CARLSBAD-WOLFCAMP GAS POOL**  
Eddy County, New Mexico

Order No. R-5144, Adopting Operating Rules for the East Carlsbad-Wolfcamp Gas Pool, Eddy County, New Mexico, February 1, 1976.

Application of Champlin Petroleum Company for the Adoption of Pool Rules, Eddy County, New Mexico.

CASE NO. 5600  
Order No. R-5144

**ORDER OF THE COMMISSION**

**BY THE COMMISSION:** This cause came on for hearing at 9 a.m. on January 7, 1976, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 14th day of January, 1976, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

**FINDS:**

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Champlin Petroleum Company, is an owner and operator in the East Carlsbad-Wolfcamp Gas Pool, Eddy County, New Mexico.

(3) That said East Carlsbad-Wolfcamp Gas Pool was created and designated by the Commission by Order No. R-5015 effective June 1, 1975.

(4) That by Commission Order No. R-5113, dated October 28, 1975, Rule 104 of the Commission Rules and Regulations was amended to provide that all gas pools for Wolfcamp gas production in Southeast New Mexico which were created and defined November 1, 1975, or later shall have 320-acre spacing and proration units, inasmuch as it was found that in Southeast New Mexico, "...a gas well completed in the Wolfcamp or deeper formations will efficiently and economically drain and develop a 320-acre tract."

(5) That the applicant in the instant case seeks the promulgation of rules including a provision for 320-acre spacing for the East Carlsbad-Wolfcamp Gas Pool, in Eddy County, New Mexico, inasmuch as that pool was excluded from the provisions of Order No. R-5113, because it was created and defined prior to the cut-off date of November 1, 1975.

(6) That no appearances were made in opposition to the application at the hearing of the instant case and no objection was received to the inclusion of the East Carlsbad-Wolfcamp Gas Pool under the provisions of Rule 104 of the Commission Rules and Regulations for gas pools of the Wolfcamp or older formations.

(7) That one well in the East Carlsbad-Wolfcamp Gas Pool in Eddy County, New Mexico, will efficiently and economically drain and develop 320 acres, and the inclusion of said pool under the 320-acre provisions of Rule 104 for pools of Wolfcamp or older formations will not cause waste nor violate correlative rights, and should be approved.

**IT IS THEREFORE ORDERED:**

(1) That effective February 1, 1976, each well completed or recompleted in the East Carlsbad-Wolfcamp Gas Pool or in the Wolfcamp formation within one mile thereof shall be subject

to the provisions of Rule 104 of the Commission Rules and Regulations notwithstanding the fact said pool was created and defined prior to November 1, 1975.

**IT IS FURTHER ORDERED:**

(1) That the locations of all wells presently drilling to or completed in the East Carlsbad-Wolfcamp Gas Pool or in the Wolfcamp formation within one mile thereof are hereby approved; that the operator of any well having an unorthodox location shall notify the Artesia District Office of the Commission in writing of the name and location of the well by February 15, 1976.

(2) That, pursuant to Paragraph A. of Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, all existing wells in the East Carlsbad-Wolfcamp Gas Pool shall have dedicated thereto 320 acres in accordance with Rule 104 of the Commission Rules and Regulations; or pursuant to Paragraph C. of said Section 65-3-14.5, existing wells may have non-standard units dedicated thereto.

Failure to file new Forms C-102 with the Commission dedicating 320 acres to a well or to obtain a non-standard unit approved by the Commission within 60 days from the effective date of this order shall subject the well to cancellation of allowable.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

**DONE** at Santa Fe, New Mexico, on the day and year hereinabove designated.

**TWIN LAKES-DEVONIAN POOL**  
Chaves County, New Mexico

Order No. R-5142, Adopting Temporary Operating Rules for the Twin Lakes-Devonian Pool, Chaves County, New Mexico, January 6, 1976, as Amended by Order No. R-5142-A, February 15, 1977.

Order No. R-5142-A, February 15, 1977, makes permanent the temporary rules adopted in Order No. R-5142.

Application of Stevens Oil Company for Special Pool Rules, Chaves County, New Mexico.

CASE NO. 5599  
Order No. R-5142

**ORDER OF THE COMMISSION**

**BY THE COMMISSION:** This cause came on for hearing at 9 a.m. on December 17, 1975, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 6th day of January, 1976, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

**FINDS:**

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Stevens Oil Company, seeks the promulgation of special rules and regulations for the Twin Lakes-Devonian Pool, Chaves County, New Mexico, including provisions for 80-acre oil proration units and exemption of said pool from any gas-oil ratio limitation.

(3) That producing the subject pool without any gas-oil ratio limitation may result in the waste of reservoir energy and a violation of correlative rights.

(4) That the establishment of a special gas-oil ratio limitation of 4000 cubic feet of gas for each barrel of oil will afford to the owner of each property in the subject pool the opportunity to produce his just and equitable share of the oil and gas and will not cause waste nor violate correlative rights, provided the flaring or venting of gas in the pool is prohibited.



STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
OIL CONSERVATION DIVISION

TONY ANAYA  
GOVERNOR

December 1, 1986

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

Santa Fe Energy Operating  
Partners, Inc.  
500 W. Illinois  
Suite 500  
Midland, Texas 79701

Attention: Billie Hood

Administrative Order NSL-2302

Gentlemen:

Reference is made to your application for a non-standard location for your Chase State 2 No. 1 well to be located 1980 feet from the West line and 990 feet from the South line of Section 2, Township 22 South, Range 27 East, NMPM, Undesignated East Carlsbad Strawn Pool, Eddy County, New Mexico. The W/2 of said Section 2 shall be dedicated to the well.

By authority granted me under the provisions of Rule 104 F(II), the above-described unorthodox location is hereby approved.

Sincerely,

A handwritten signature in cursive script, appearing to read "R. L. Stamets".

R. L. STAMETS, DIRECTOR

RLS/DC/dr

cc: Oil Conservation Division - Artesia  
Oil & Gas Division - State Land Office - Santa Fe  
(Mr. Floyd Prando)

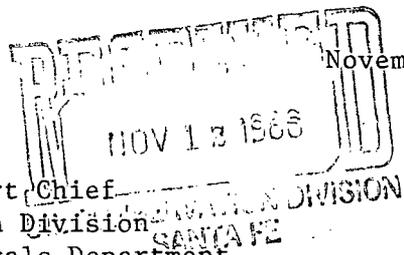
Release Dec 6, 1986

By DEC



# Santa Fe Energy Operating Partners, L.P.

Santa Fe Pacific Exploration Company  
Managing General Partner



November 7, 1986

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

*NSL-2302*  
*Case 904*  
*RULE-104F(II)*

*1980 FWL*  
*990 FSL, Section 2*

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

*Undesignated East*  
*Carlsbad Strawn*  
*330 Acreed,*  
*W/2 Section 2*

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*

Billie Hood  
Senior Production Clerk

*Patrick Tower*

*915-687-3551*

BH/dw

Enclosures

dz-186

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

9047  
Form C-101  
Revised 10-1-78  
*Case*

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.  
1405

7. Unit Agreement Name

8. Farm or Lease Name  
Chase State 2

9. Well No.  
1

10. Field and Pool, or Wildcat Undes. East Carlsbad (Strawn)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
b. Type of Well DRILL  DEEPEN  PLUG BACK   
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator  
Santa Fe Energy Operating Partners, L. P.

3. Address of Operator  
500 W. Illinois, Suite 500, Midland, TX 79701

4. Location of Well  
UNIT LETTER N LOCATED 1980 FEET FROM THE West LINE  
AND 990 FEET FROM THE South LINE OF SEC. 2 TWP. 22S RGE. 27E NMPM

11. County  
Eddy

19. Proposed Depth  
10,700'

19A. Formation  
Strawn

20. Rotary or C.T.  
Rotary

21. Elevations (show whether DF, KI, etc.)  
3105.4 GL

21A. Kind & Status Plug. Bond  
Current-Blanket

21B. Drilling Contractor  
To be determined

22. Approx. Date Work will start  
As soon as permitted

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	48.0	450'	475	Surface
12 1/4	8 5/8	24.0	2200'	980	Surface
7 7/8	5 1/2	17.0	10700'	400	8000'

Move on location and rig up. Drill 17 1/2" hole to 450'. Run 13 3/8" casing and cement with 627 cu.ft. of Class C cement containing 2% CaCl<sub>2</sub>. Wait on cement until 500 psi compressive strength is obtained. Nipple up diverter system consisting of 1 bag type preventer. Test casing to 600 psi. Drill 12 1/4" hole to 2200'. Run 8 5/8" casing and cement with 1550 cu.ft. 65/65 Class C poz containing 0.25# per sack flocele followed by 396 cu.ft. Class C containing 2% CaCl<sub>2</sub>. Wait on cement until 500 psi compressive strength is obtained. Nipple up 5000 psi double ram BOP with hydrill. Test casing to 1500 psi. Drill 7 7/8" hole to 10,700'. Either plug and abandon or run 5 1/2" casing and cement with sufficient Class H to cover possible producing zones.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Michael R. Buntan Title Senior Drilling Engineer Date 11/5/86

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

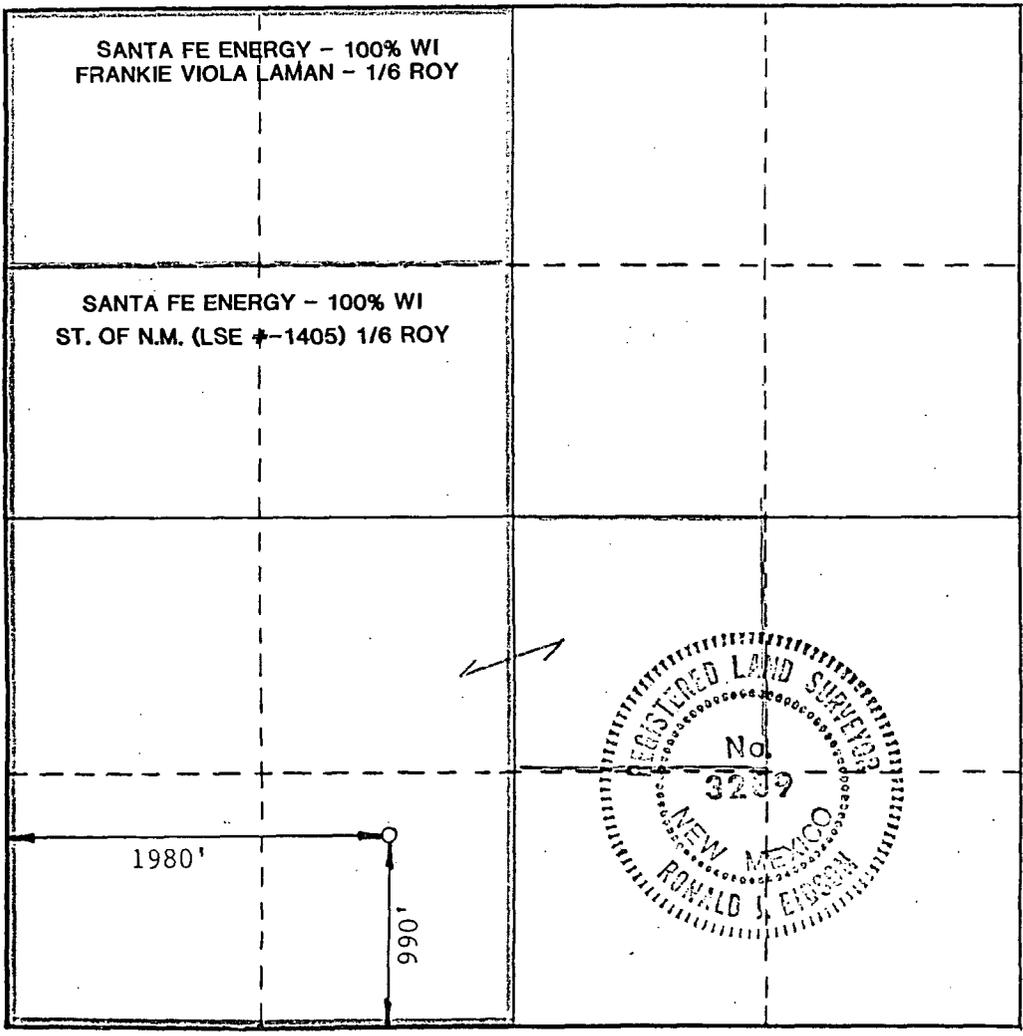
Operator <b>Santa Fe Operating Partners LP</b>			Lease <b>Chase State 2</b>		Well No. <b>1</b>
Unit Letter <b>N</b>	Section <b>2</b>	Township <b>22 South</b>	Range <b>27 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3105.4</b>	Producing Formation <b>Strawn</b>		Pool <b>Undes. E. Carlsbad Strawn</b>		Dedicated Acreage: <b>320</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes     No    If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

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

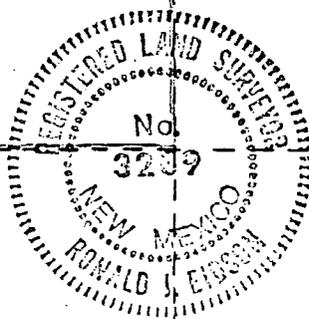
Name  
*Michael R. Bustin*  
Position  
**SANTA FE ENERGY OPER. PART. LP**  
Company

Date  
**11-7-86**

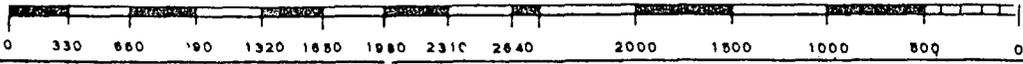
*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.*

Date Surveyed  
**November 3 & 4, 1986**

Registered Professional Engineer and/or Land Surveyor  
*Ronald J. Eidson*  
Certificate No. **JOHN W. WEST, 676**  
**RONALD J. EIDSON, 3239**



91746





# Santa Fe Energy Operating Partners, L.P.

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

BH/dw

Enclosures

dz-185

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551



# Santa Fe Energy Operating Partners, L.P.

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.

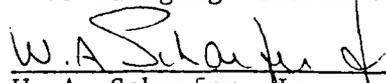
The proposed well will test the primary objective Second Strawn Carbonate and secondary objective Wolfcamp Carbonate. During "second Strawn" time, the prospect area was located on a marine shelf with the basinward shelfedge located approximately 5 miles southeast of the proposed location. The environment 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.

Yours truly,

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

  
W. A. Schaefer, Jr.  
Exploration Manager

cys751

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551



# Santa Fe Energy Operating Partners, L.P.

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

By Patrick J. Tower  
Patrick J. Tower, Senior Landman

PJT/efw

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

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

BY SIGNATURE HERETO, WE HAVE NO OBJECTION TO THE GRANTING OF A PERMIT TO DRILL AT  
THE ABOVE SPECIFIED LOCATION, FOR THE ABOVE SPECIFIED FORMATION AND HEREBY WAIVE  
OBJECTION AND NOTICE OF HEARING ON THIS APPLICATION.

BY \_\_\_\_\_

Date \_\_\_\_\_

Title:

Company:

EFW2234-4



# Santa Fe Energy Operating Partners, L.P.

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:

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.

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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

By Patrick J. Tower  
Patrick J. Tower, Senior Landman

PJT/efw

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

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

BY SIGNATURE HERETO, WE HAVE NO OBJECTION TO THE GRANTING OF A PERMIT TO DRILL AT  
THE ABOVE SPECIFIED LOCATION, FOR THE ABOVE SPECIFIED FORMATION AND HEREBY WAIVE  
OBJECTION AND NOTICE OF HEARING ON THIS APPLICATION.

BY \_\_\_\_\_

Date \_\_\_\_\_

Title:

Company:

EFW2234-3



# Santa Fe Energy Operating Partners, L.P.

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

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.

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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

By *Patrick J. Tower*  
Patrick J. Tower, Senior Landman

PJT/efw

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

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

BY SIGNATURE HERETO, WE HAVE NO OBJECTION TO THE GRANTING OF A PERMIT TO DRILL AT THE ABOVE SPECIFIED LOCATION, FOR THE ABOVE SPECIFIED FORMATION AND HEREBY WAIVE OBJECTION AND NOTICE OF HEARING ON THIS APPLICATION.

BY \_\_\_\_\_

Date \_\_\_\_\_

Title:  
Company:



# Santa Fe Energy Operating Partners, L.P.

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

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.

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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

By Patrick J. Tower  
Patrick J. Tower, Senior Landman

PJT/efw

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

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

BY SIGNATURE HERETO, WE HAVE NO OBJECTION TO THE GRANTING OF A PERMIT TO DRILL AT THE ABOVE SPECIFIED LOCATION, FOR THE ABOVE SPECIFIED FORMATION AND HEREBY WAIVE OBJECTION AND NOTICE OF HEARING ON THIS APPLICATION.

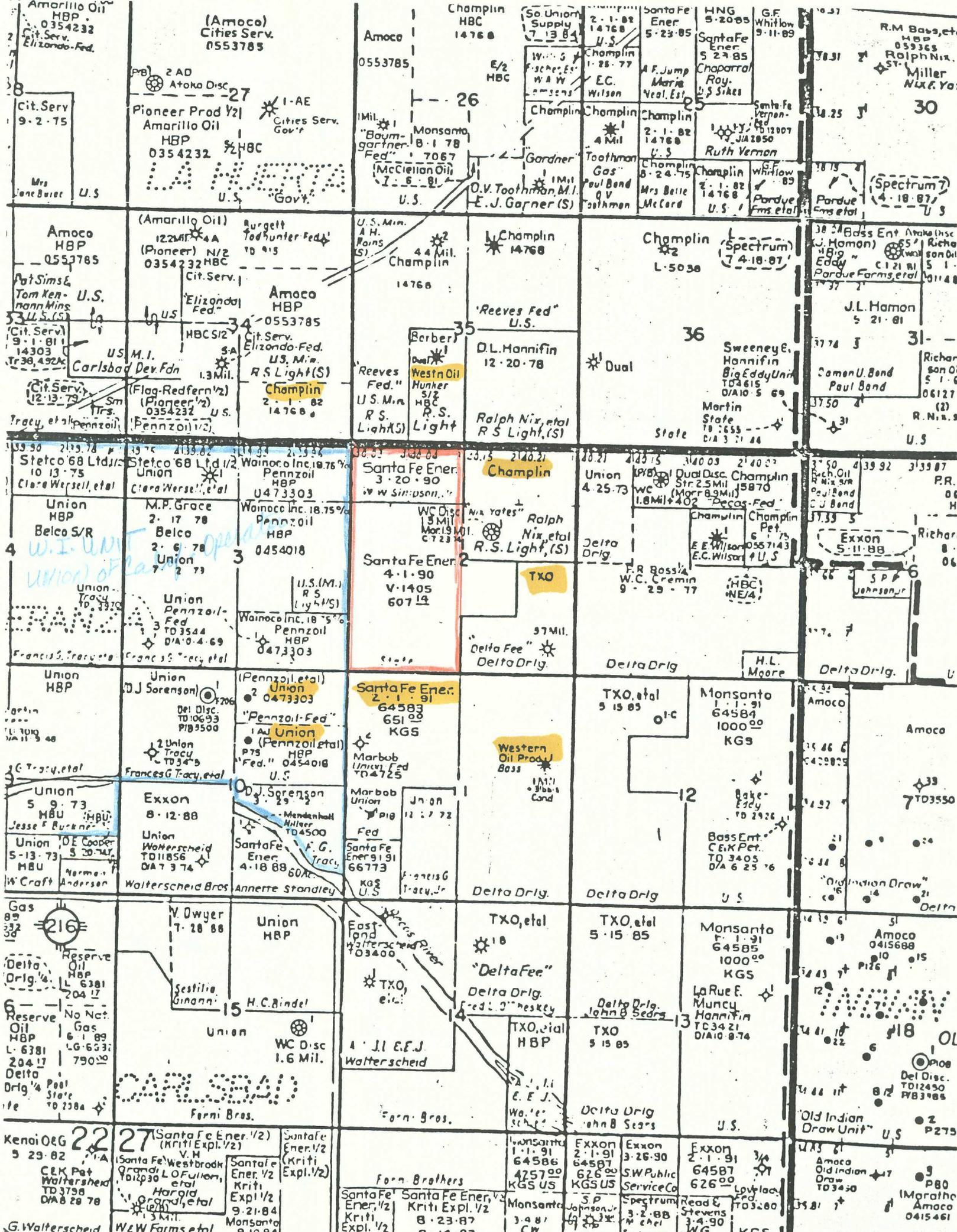
BY \_\_\_\_\_

Date \_\_\_\_\_

Title:

Company:

EFW2234-1



Amarillo Oil  
HBP  
0354232  
Cit. Serv.  
Elizondo-Fed.

(Amoco)  
Cities Serv.  
0553785

Amoco  
0553785

Champlin  
HBC  
14768

Santa Fe  
Ener  
5-23-85

HNG  
5-20-85

R.M. Bass, etc  
HBP  
059365  
Rolph Nix,  
Miller  
Nix & Yot

Amoco  
HBP  
0553785

(Amarillo Oil)  
122M...  
0354232 HBC

U.S. Min.  
A.H.  
Rains  
(S)

Champlin  
14768

Champlin  
L-5036

(Spectrum)  
7-4-18-87

J.L. Hamon  
5-21-81

Stetco 68 Ltd  
10-13-75

Union  
0473303

Santa Fe Ener.  
3-20-90

Champlin

Union  
4-25-73

Exxon  
5-11-88

Richard  
5-1-6

Union  
HBP  
Belco S/R

M.P. Grace  
2-17-78

Santa Fe Ener.  
4-1-90

TXO

Delta Drig

Delta Drig

Delta Drig

Union  
HBP  
5-9-73

Exxon  
8-12-88

Union  
HBP

TXO, etal  
5-15-85

TXO, etal  
5-15-85

Monsanto  
1-1-91

Amoco  
0415688

Kenoi O&G  
5-23-82

Santa Fe Ener. (Kriti) Expl. (V2)

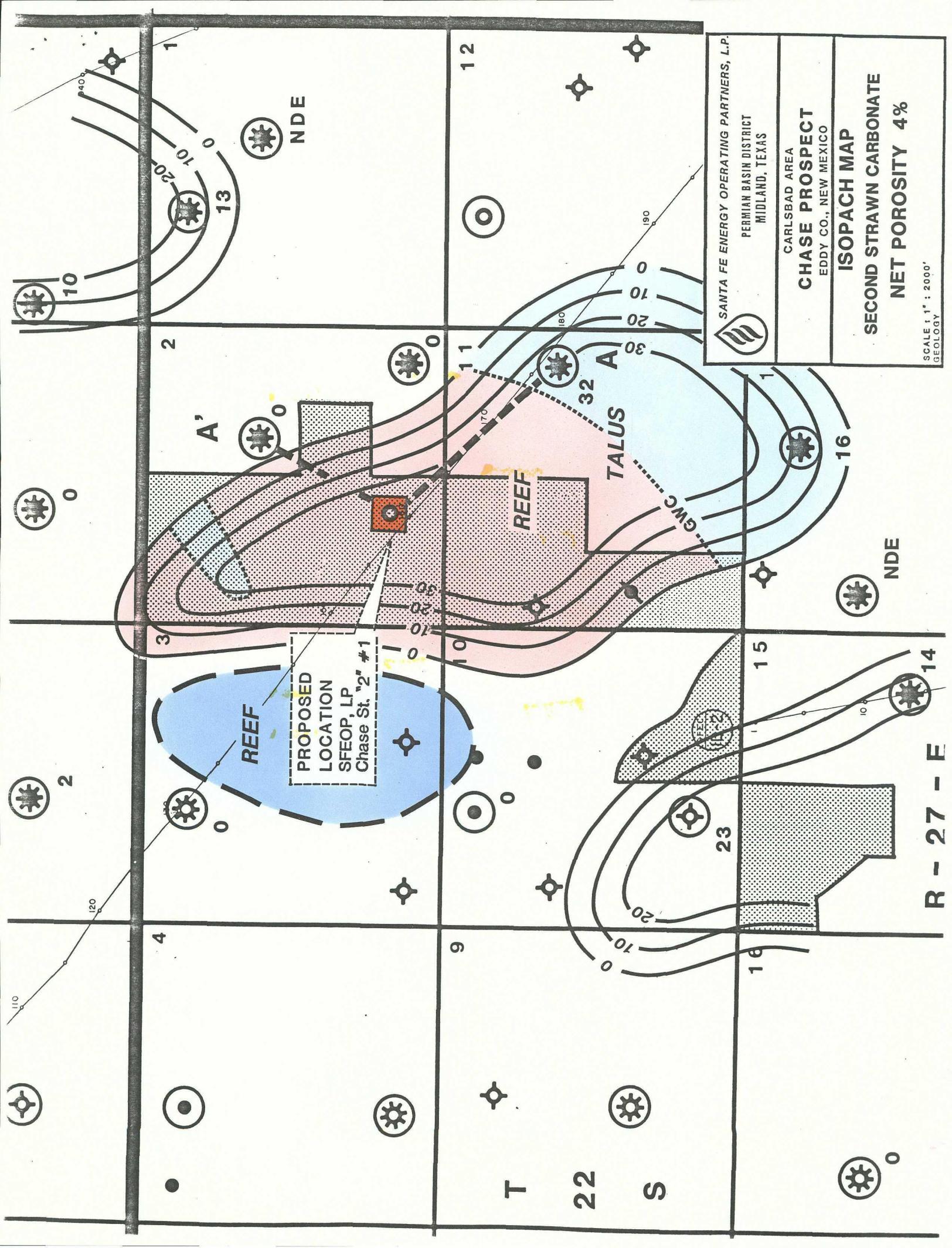
Santa Fe Ener. (Kriti) Expl. (V2)

Exxon  
2-1-91

Exxon  
3-26-90

Exxon  
2-1-91

Amoco  
Old Indian  
Draw



SANTA FE ENERGY OPERATING PARTNERS, L.P.  
 PERMIAN BASIN DISTRICT  
 MIDLAND, TEXAS

CARLSBAD AREA  
**CHASE PROSPECT**  
 EDDY CO., NEW MEXICO

**ISOPACH MAP**  
 SECOND STRAWN CARBONATE  
 NET POROSITY 4%

SCALE: 1" = 2000'  
 GEOLOGY

PROPOSED  
 LOCATION  
 SFEOP, LP  
 Chase St. "2" #1

R - 27 - E

T 22 S

REEF

REEF

TALUS

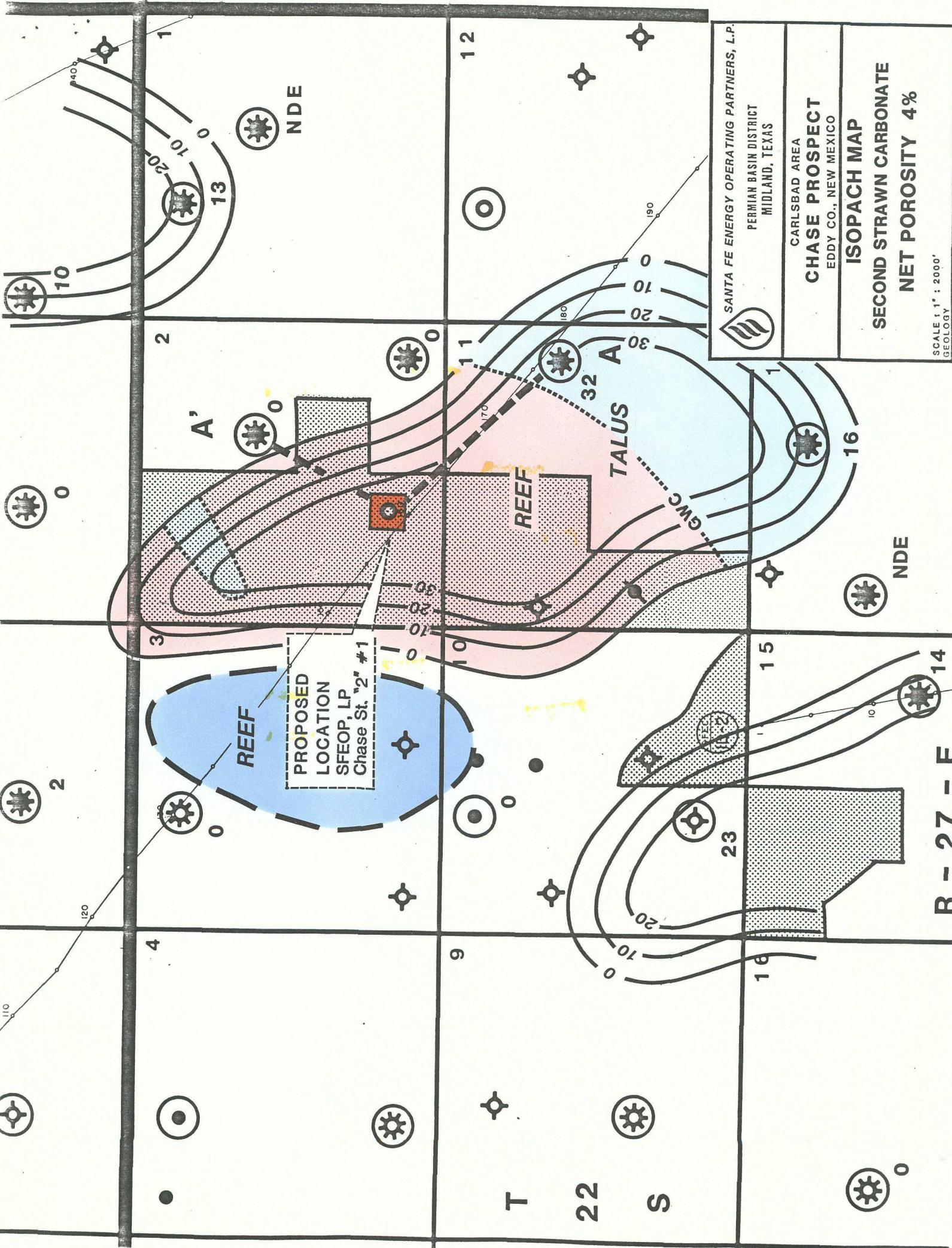
GWC

A'

A

NDE

NDE







# Santa Fe Energy Operating Partners, L.P.

Santa Fe Pacific Exploration Company  
Managing General Partner

VIA PUROLATOR

November 24, 1986

State of New Mexico  
Oil Conservation Division  
310 Santa Fe Trail  
Santa Fe, New Mexico 87501

ATTN: David Catanach  
Examiner

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

Gentlemen:

With reference to Santa Fe Energy Operating Partners, L.P. request for Administrative Approval of the referenced unorthodox location, enclosed please find a copy of TXO Production Company's waiver letter pertaining to same. Also, please be advised that Western Oil Producers Inc. has agreed to rescind their objection to this unorthodox location. Western will forward a copy of their waiver letter in the near future.

As discussed in a recent meeting, Santa Fe Energy would like to spud this test as soon as possible. In this regard, Santa Fe Energy plans to dismiss Case #9047 to be held at the December 3, 1986 docket should the Oil Conservation Division grant the Administrative Approval to this location.

Your earliest attention to this matter is most appreciated. In the meantime, should you have any questions regarding this matter, feel free to call.

Sincerely yours,

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

By *Patrick J. Tower*  
Patrick J. Tower, Senior Landman

PJT/efw

cc: Western Oil Producers, Inc.  
1200 South Richardson  
Roswell, New Mexico 88201  
ATTN: Kenneth D. Reynolds  
Vice-President

EFW2309

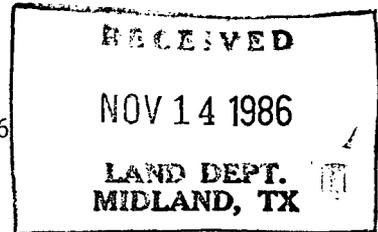
Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

**Santa Fe Energy Operating Partners, L.P.**

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

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

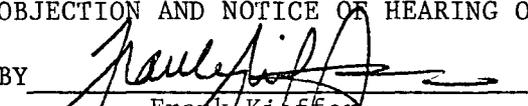
By Patrick J. Tower  
Patrick J. Tower, Senior Landman

PJT/efw

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

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

BY SIGNATURE HERETO, WE HAVE NO OBJECTION TO THE GRANTING OF A PERMIT TO DRILL AT THE ABOVE SPECIFIED LOCATION, FOR THE ABOVE SPECIFIED FORMATION AND HEREBY WAIVE OBJECTION AND NOTICE OF HEARING ON THIS APPLICATION.

BY 

Date November 13, 1986

Frank Kieffer

Title: Attorney-In-Fact  
Company: TXO Production Corp.

RETURN THIS COPY TO  
~~PLATEAU~~ ENERGY OPERATING PARTNERS, L.P.

EFW2234-1

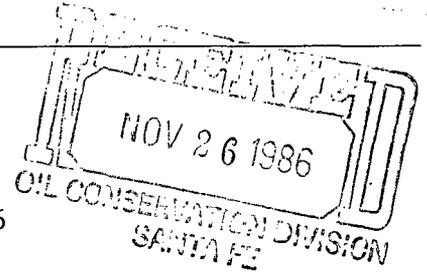


# Santa Fe Energy Operating Partners, L.P.

Santa Fe Pacific Exploration Company  
Managing General Partner

VIA PUROLATOR

November 5, 1986



Western Oil Producers, Inc.  
1200 South Richardson  
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.

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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

By Patrick J. Tower  
Patrick J. Tower, Senior Landman

PJT/efw

Permian Basin District  
500 W. Illinois  
Suite 500  
Midland, Texas 79701  
915/687-3551

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

BY SIGNATURE HERETO, WE HAVE NO OBJECTION TO THE GRANTING OF A PERMIT TO DRILL AT THE ABOVE SPECIFIED LOCATION, FOR THE ABOVE SPECIFIED FORMATION AND HEREBY WAIVE OBJECTION AND NOTICE OF HEARING ON THIS APPLICATION.

BY  Date 11-25-86

Title:  
Company: Western Oil Producers, Inc.