

RECEIVED APRIL 2, 1984



Santa Fe Energy Company

500 West Ohio
Midland, Texas 79701
915/687-3551

March 30, 1984

Re: Weems #1
N/2 Sec. 27, T-22-S,
R-27-E, Eddy County,
New Mexico

Mr. Richard L. Stamets
Technical Support Chief
& Mr. Joe D. Ramey, Director
Oil Conservation Division
Energy and Minerals Department
State of New Mexico
P.O. Box 2088
Santa Fe, New Mexico 87501

Mr. L.A. Clements
Supervisor & Oil & Gas Inspector
District II
Oil Conservation Division
Energy and Minerals Department
P.O. Drawer DD
Artesia, New Mexico 88210

Gentlemen:

On February 27, 1984, Santa Fe Energy Company requested administrative approval for an unorthodox location of 1330' FWL and 990' FNL, Section 27, T-22-S R-27-E, Eddy County, New Mexico, due to geographic reasons. The Proration Unit proposed in this February 27, 1984 letter was the North-half (N/2) of said Section. Subsequently, Santa Fe Energy Company requested on March 16, 1984 that administrative approval be given for the same unorthodox location noted above, due to geologic reasons. The main difference in the two requests was that the March 16 request proposed the Proration Unit to be comprised of the West-half (W/2) of said Section instead of the North-half (N/2).

At this time, Santa Fe Energy Company is requesting that you disregard the request of March 16 and again consider our Request for Administrative Approval of the unorthodox location of February 27, 1984, with the North-half (N/2) of Section 27 being the proration unit. In this regard, attached please find copies of waiver letters executed by all the offset operators, excepting one. This one offset operator, being that of Union of California, has not voiced any objection to our proposal, however they simply have not responded. It should be noted that our proposed location actually moves away from Union's interest in Section 23, T-22-S, R-27-E, and therefore should not pose any drainage problems towards them. In fact, the closest wells to the requested unorthodox location are operated by Santa Fe Energy Company, with Santa Fe Energy Company owning the majority interest.

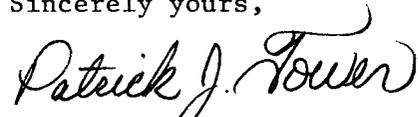
We apologize for the continued change in our plans, however, due to lease expiration problems in this area, it has been difficult to foresee the best development plan to benefit all parties involved. After many hours of careful consideration, it is felt that the best approach is the one outlined in the above mentioned letter of February 27, 1984.

Considering all the above, and considering the fact that no offset operator has entered an objection to the unorthodox location within the specified 20 day period, it is requested that Santa Fe Energy Company be given immediate approval of its request, in order that we may begin the development of our expiring leases.



Should you require anything additional in this regard, please advise as soon as possible. To assist you in your review, copies of both of the above mentioned letters and associated back-up material have been enclosed.

Sincerely yours,



Patrick J. Tower
Landman

PJT/efw
Encls a/s

cc: Hinkle, Cox, Eaton,
Coffield & Hensley (w/encls)
P.O. Box 2068
218 Montezuma
Santa Fe, New Mexico 87504
ATTN: James Bruce

Bill Schaefer (w/o encls)
Exploration Manager

Hugh Boyt (w/o encls)
Production Manager

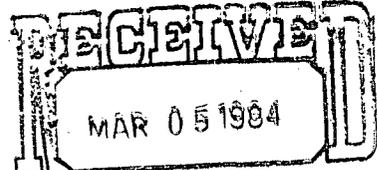
Santa Fe Energy Company

500 West Ohio
Midland, Texas 79701
915/687-3551

Release
March 25, 1984
or unless all
waivers are in.

February 27, 1984

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



OIL CONSERVATION DIVISION
SANTA FE

NSL-1798
Rule 104FI
Undesignated S. Carlsbad

Dear Ramey:

Santa Fe Energy Company requests administrative approval of an unorthodox location for a 12,000' + Morrow test to be drilled 1330' FWL, 990' FNL, Section 27, T22S, R27E, Eddy County, New Mexico.

Weems Well #1

The reasons for this request are geographic in origin. That is, an electrical power line and an irrigation ditch run north-south through the vicinity of an orthodox location.

Sincerely,

Mike Burton

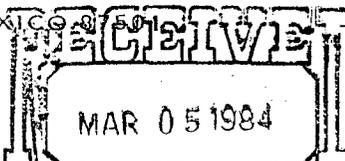
Mike Burton
District Drilling Engineer

MB:sh

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

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501



5A. Indicate Type of Lease

STATE FEE

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name SANTA FE	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Weems	
2. Name of Operator Santa Fe Energy Company		9. Well No. 1	
3. Address of Operator 500 W. Ohio, Midland, TX 79707		10. Field and Pool, or Wildcat Under South Carlsbad Morrow	
4. Location of Well UNIT LETTER C LOCATED 1330 FEET FROM THE West LINE AND 990 FEET FROM THE North LINE OF SEC. 27 TWP. 22S RGE. 27# NMPM		12. County Eddy	
21. Elevations (Show whether DF, KI, etc.) 3108.4 G.L.		19. Proposed Depth 12,000'	19A. Formation Morrow
21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor To be determined	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start April 1, 1984			

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	61.0	550' +	650 +	Surface
12-1/4	9-5/8	36.0	5450' +	2600 +	Surface
7-7/8	5-1/2	20.0	12000' +	850 +	7800' +

Move on location and rig up rotary tools. Drill a 17-1/2" hole to 550' + and run and cement 13-3/8" casing back to surface. WOC as per rules & regulations. Drill a 12-1/4" hole to 5450' + and run and cement 9-5/8" casing back to surface. WOC as per rules and regulations. Drill a 7-7/8" hole to 12000' +. Run logs and/or drill stem tests in order to evaluate for hydrocarbon production. Either plug and abandon as per rules and regulations or run and cement 5-1/2" production casing. Bring cement up to 500' above any producible 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. Burton Title Senior Drilling Engineer Date 2-23-84
Michael R. Burton
 (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-12a
Effective 1-1-65

All distances must be from the outer boundaries of the Section

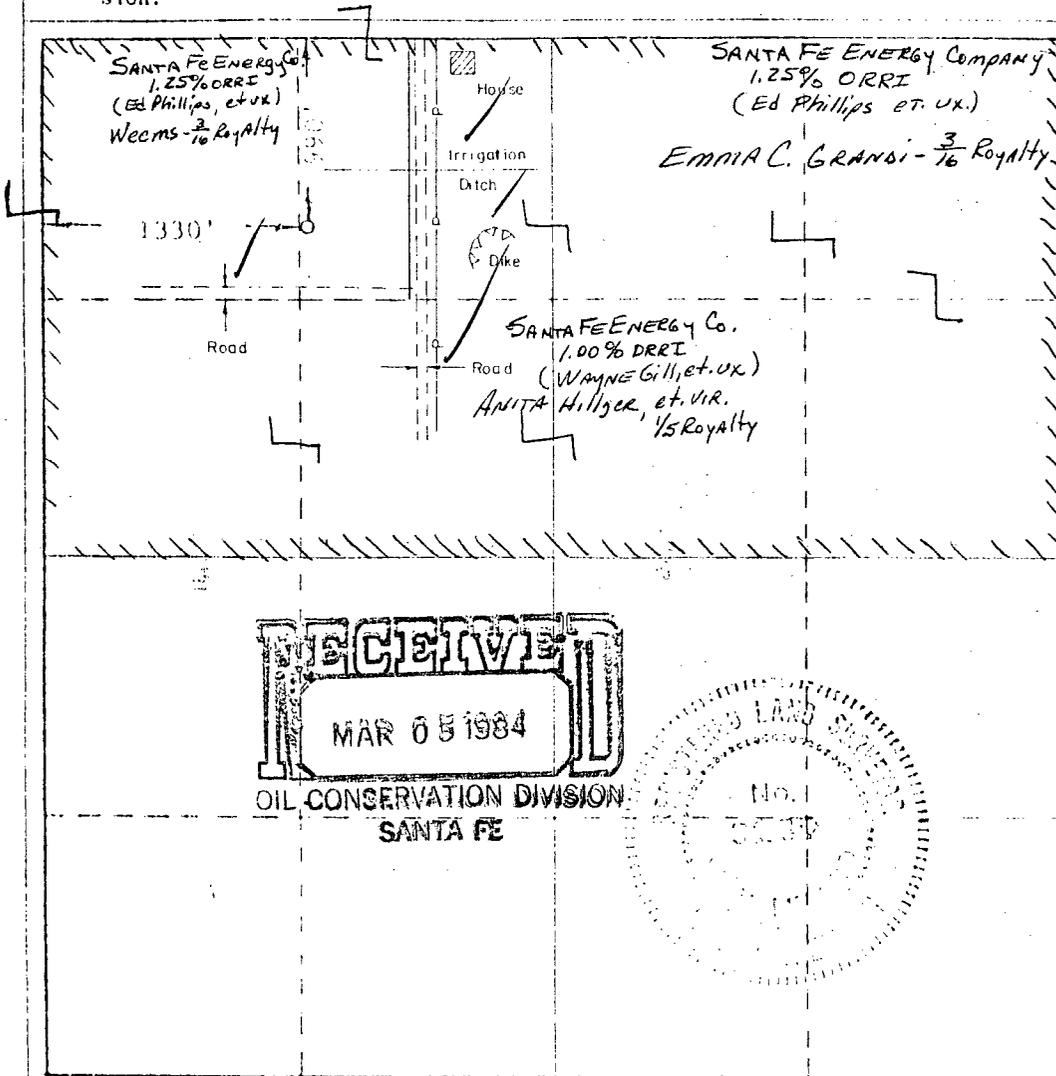
Operator Santa Fe Energy Company		Lease Weems		Well No. 1
Unit Letter C	Section 27	Township 22 south	Range 27 East	County Hddy
Actual Footage Location of Well: 990 feet from the North line and 1330 feet from the West line				
Ground Level Elev. 3108.4	Producing Formation	Pool Undesignated S. Carlsbad	Consolidated Acreage: 320	

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 Designation of Consolidated Gas Leasehold Estate

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.

Michael R. Burtor

Name
Senior Drilling Engineer

Position
Santa Fe Energy Company

Company
February 23, 1984

Date

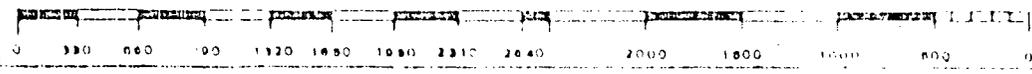
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

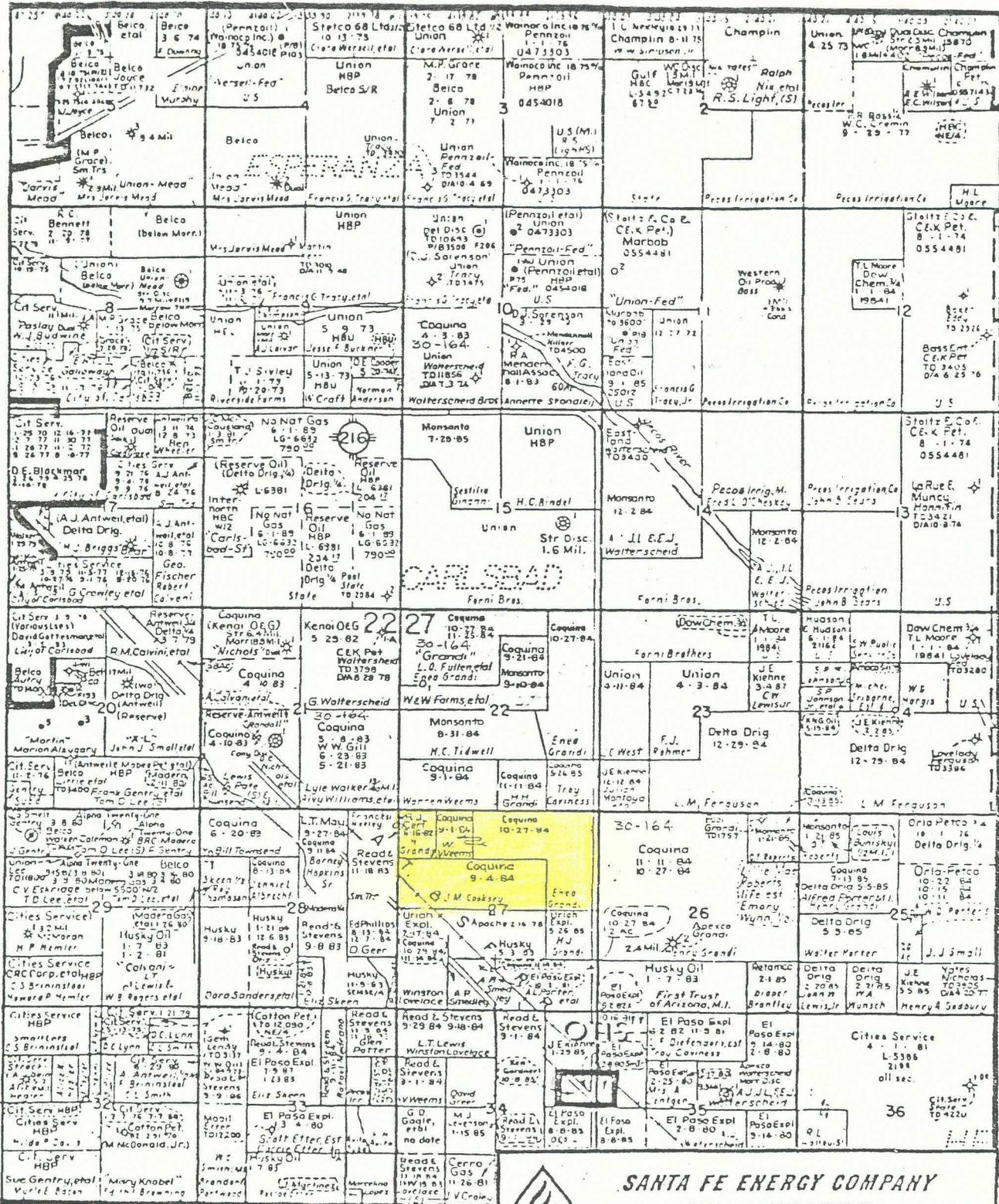
Date Surveyed
February 15, 1984

Registered Professional Engineer and Land Surveyor

Ronald J. Eldson

Certificate No. JOHN W. WEST 678
Ronald J. Eldson 323





SANTA FE ENERGY COMPANY
 PERMIAN BASIN DISTRICT
 AMARILLO, TEXAS

CARLSBAD AREA
 Eddy Co., New Mexico

INDIAN DRAW PROSPECT
 (SFEC-Coquina)

Scale: 1"=4000'

Date: 2-83

T
22
S

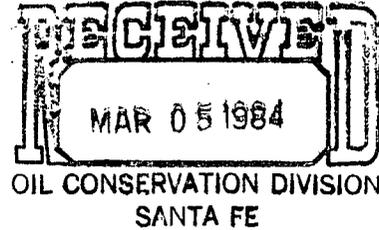
Santa Fe Energy Company



500 West Ohio
Midland, Texas 79701
915/687-3551

February 27, 1984

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



Dear Ramey:

Santa Fe Energy Company requests administrative approval of an unorthodox location for a 12,000' + Morrow test to be drilled 1330' FWL, 990' FNL, Section 27, T22S, R27E, Eddy County, New Mexico.

The reasons for this request are geographic in origin. That is, an electrical power line and an irrigation ditch run north-south through the vicinity of an orthodox location.

Sincerely,


Mike Burton
District Drilling Engineer

MB:sh



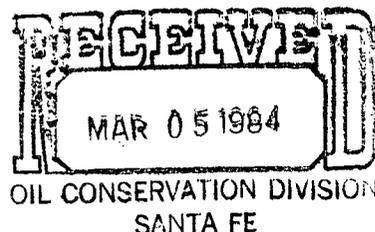
Santa Fe Energy Company



500 West Ohio
Midland, Texas 79701
915/687-3551

February 27, 1984

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



Dear Mr. Stamets:

Enclosed please find seven copies of Santa Fe Energy Company's request for administrative approval of an unorthodox location for a well to be drilled in Eddy County, New Mexico

The reason for the request is geographic. That is, an electrical power line and an irrigation ditch run north-south through the vicinity of an orthodox location. The irrigation ditch and power line are shown on Form C-102, Well Location and Acreage Dedication Plat.

The request for administrative approval enclosed consists of a letter to the Director, Application for Permit to Drill, Well Location and Acreage Dedication Plat, Surface Plat showing offset operators, and copies of Notice of Request for Administrative Approval of an unorthodox location that were sent to all offset operators.

If you need any other information then please call.

Sincerely,

Mike Burton
Senior Drilling Engineer

MB:sh



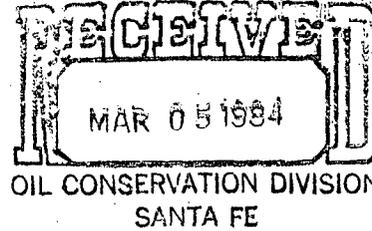
Santa Fe Energy Company



500 West Ohio
Midland, Texas 79701
915/687-3551

February 21, 1984

Oil Conservation Division
Drawer DD
Artesia, New Mexico 88210



Oil Conservation Division
State Land Office Bldg.
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Joe D. Ramey - Director

Re: OD-NM-601,255
Weems #1
N/2 Section 27
T-22-S, R-27-E
Eddy County, New Mexico
Indian Draw Prospect
Carlsbad Area

Gentlemen:

Attached please find copies of waiver letters Santa Fe Energy Company has sent out to all the offset operators in conjunction with its application for administrative approval of the unorthodox location of the captioned well. Said location noted in the attached letters became necessary due to the topographical reasons. As you will note each of the offset operators was requested to execute said waiver letter and provide your office with a copy. These copies are enclosed for your records.

Should you have any questions concerning these waiver letters and/or the application, please feel free to give us a phone call.

Sincerely,

SANTA FE ENERGY COMPANY


Patrick J. Tower
Landman

PJT/mjs

Enclosure



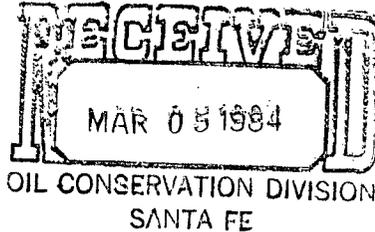
Santa Fe Energy Company



500 West Ohio
Midland, Texas 79701
915/687-3551

February 17, 1984

Duane Magee & Company
601 N. Lorraine
Suite 214
Midland, Texas 79701



Re: OD-NM-601,255
Weems #1
Waiver Letter
Eddy County, New Mexico

Gentlemen:

This is to inform you of Santa Fe Energy Company's Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a Morrow well to be drilled 1330' FWL and 990' FNL in Section 27-T-22-S, R-27-E, Eddy County, New Mexico, with the N/2 of said section to be the proration unit. (Plat attached for your convenience).

Santa Fe Energy Company would appreciate your responding to this waiver as quickly as possible as we plan to spud the well on or before April 1, 1984. Please send one executed copy to:

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

and return the copy so marked to us.

Yours truly,

SANTA FE ENERGY COMPANY


Vernon D. Dyer
District Landman

PJT/mjs

Enclosure

BY SIGNATURE HERETO, WE DO APPROVE THIS WAIVER REQUEST:

BY: _____

DATE: _____

COMPANY: _____

RETURN THIS COPY
TO: SANTA FE ENERGY
COMPANY



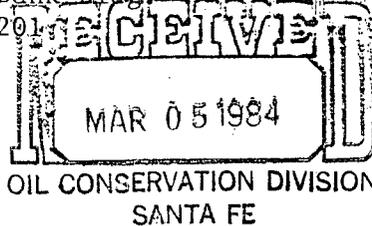
Santa Fe Energy Company



500 West Ohio
Midland, Texas 79701
915/687-3551

February 17, 1984

Read & Stevens, Inc.
314 Security National Bank Bldg
Roswell, New Mexico 88201



Re: OD-NM-601,255
Weems #1
Waiver Letter
Eddy County, New Mexico

Gentlemen:

This is to inform you of Santa Fe Energy Company's Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a Morrow well to be drilled 1330' FWL and 990' FNL in Section 27-T-22-S, R-27-E, Eddy County, New Mexico, with the N/2 of said section to be the proration unit. (Plat attached for your convenience).

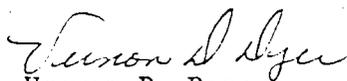
Santa Fe Energy Company would appreciate your responding to this waiver as quickly as possible as we plan to spud the well on or before April 1, 1984. Please send one executed copy to:

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

and return the copy so marked to us.

Yours truly,

SANTA FE ENERGY COMPANY


Vernon D. Dyer
District Landman

PJT/mjs

Enclosure

BY SIGNATURE HERETO, WE DO APPROVE THIS WAIVER REQUEST:

BY: _____

DATE: _____

COMPANY: _____

RETURN THIS COPY
TO: SANTA FE ENERGY
COMPANY



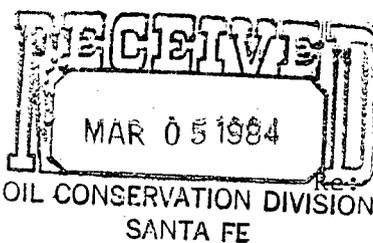
Santa Fe Energy Company



500 West Ohio
Midland, Texas 79701
915/687-3551

February 17, 1984

Retamco, Inc.
P. O. Box 34450
San Antonio, Texas 78233



Re: OD-NM-601,255
Weems #1
Waiver Letter
Eddy County, New Mexico

Gentlemen:

This is to inform you of Santa Fe Energy Company's Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a Morrow well to be drilled 1330' FWL and 990' FNL in Section 27-T-22-S, R-27-E, Eddy County, New Mexico, with the N/2 of said section to be the proration unit. (Plat attached for your convenience).

Santa Fe Energy Company would appreciate your responding to this waiver as quickly as possible as we plan to spud the well on or before April 1, 1984. Please send one executed copy to:

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

and return the copy so marked to us.

Yours truly,

SANTA FE ENERGY COMPANY

Vernon D. Dyer
Vernon D. Dyer
District Landman

PJT/mjs

Enclosure

BY SIGNATURE HERETO, WE DO APPROVE THIS WAIVER REQUEST:

BY: _____

DATE: _____

COMPANY: _____

RETURN THIS COPY
TO: SANTA FE ENERGY
COMPANY



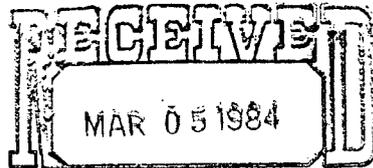
Santa Fe Energy Company



500 West Ohio
Midland, Texas 79701
915/687-3551

February 17, 1984

Union of California
Box 671
Midland, Texas 79702



Re: OD-NM-601,255
Weems #1
Waiver Letter
Eddy County, New Mexico

Gentlemen:

This is to inform you of Santa Fe Energy Company's Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a Morrow well to be drilled 1330' FWL and 990' FNL in Section 27-T-22-S, R-27-E, Eddy County, New Mexico, with the N/2 of said section to be the proration unit. (Plat attached for your convenience).

Santa Fe Energy Company would appreciate your responding to this waiver as quickly as possible as we plan to spud the well on or before April 1, 1984. Please send one executed copy to:

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

and return the copy so marked to us.

Yours truly,

SANTA FE ENERGY COMPANY

Vernon D. Dyer
District Landman

PJT/mjs

Enclosure

BY SIGNATURE HERETO, WE DO APPROVE THIS WAIVER REQUEST:

BY: _____

DATE: _____

COMPANY: _____

RETURN THIS COPY
TO: SANTA FE ENERGY
COMPANY



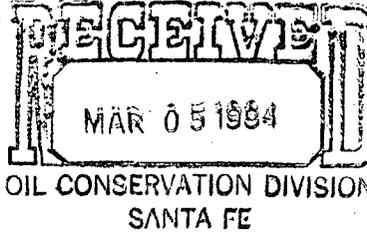
Santa Fe Energy Company



500 West Ohio
Midland, Texas 79701
915/687-3551

February 17, 1984

W. H. Westbrook
P. O. Box 2264
Hobbs, New Mexico 88240



Re: OD-NM-601,255
Weems #1
Waiver Letter
Eddy County, New Mexico

Gentlemen:

This is to inform you of Santa Fe Energy Company's Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a Morrow well to be drilled 1330' FWL and 990' FNL in Section 27-T-22-S, R-27-E, Eddy County, New Mexico, with the N/2 of said section to be the proration unit. (Plat attached for your convenience).

Santa Fe Energy Company would appreciate your responding to this waiver as quickly as possible as we plan to spud the well on or before April 1, 1984. Please send one executed copy to:

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

and return the copy so marked to us.

Yours truly,

SANTA FE ENERGY COMPANY

Vernon D. Dyer
Vernon D. Dyer
District Landman

PJT/mjs

Enclosure

BY SIGNATURE HERETO, WE DO APPROVE THIS WAIVER REQUEST:

BY: _____

DATE: _____

COMPANY: _____

RETURN THIS COPY
TO: SANTA FE ENERGY
COMPANY





Santa Fe Energy Company

500 West Ohio
Midland, Texas 79701
915/687-3551

March 13, 1984

Re: OD-NM-601,255
Weems #1
Waiver Letter
Eddy County, New Mexico

*Original
mailed to*

APR 5 1984
OIL CONSERVATION DIVISION
SANTA FE

Read & Stevens, Inc.
P.O. Box 1518
Roswell, New Mexico 88201

Gentlemen:

This is to inform you of our Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a 12,000' Morrow well to be drilled 1330' FWL and 990' FNL in Section 27, T-22-S, R-27-E, Eddy County, New Mexico, with the West Half (W/2) of said section to be the proration unit. (Plat attached for your convenience).

As you will note, Santa Fe Energy Company recently sent out waiver letters for this same location, however, our plans have changed in that we are now proposing a stand-up unit (being the W/2 of Section 27) as opposed to the lay down unit (being the N/2 of Section 27).

Santa Fe Energy Company would appreciate your responding to this waiver as quickly as possible as we plan to spud the well as soon as the paperwork is in order. Please send one executed copy to:

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

and return the copy so marked to us.

Yours very truly,

Vernon D. Dyer
District Landman

VDD/efw
1 Atch a/s

BY SIGNATURE HERETO, WE DO APPROVE THIS WAIVER REQUEST:

By:
Norman J. Stevens, Jr.
Vice-President
Company: Read & Stevens, Inc.

Date: March 19, 1984

Santa Fe Energy Company



500 West Ohio
Midland, Texas 79701
915/687-3551

February 22, 1984

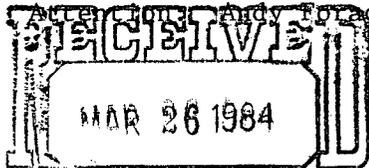
SOUTHWESTERN DIVISION
MIDLAND DISTRICT - LAND

W. A. FORAKER
DRL RNMc GLS BH BLR JLS FILE

Jack K. Lytle
Exxon Bldg.

XC: William W Collier
(via CLS)

Exxon Co., U.S.A.
P. O. Box 1600
Midland, Texas 79702



CONSERVATION DIVISION
SANTA FE
Gentlemen:

KL	
FEB 23 1984	
FEB 23 1984	
rec'd FEB 23 1984	
GBS	
WTD	
	TKL

Re: OD-NM-601,255
Weems #1
Waiver Letter
Eddy County, New Mexico

This is to inform you of Santa Fe Energy Company's Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a Morrow well to be drilled 1330' FWL and 990' FNL in Section 27-T-22-S, R-27-E, Eddy County, New Mexico, with the N/2 of said section to be the proration unit. (Plat attached for your convenience).

Santa Fe Energy Company would appreciate your responding to this waiver as quickly as possible as we plan to spud the well on or before April 1, 1984. Please send one executed copy to:

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

and return the copy so marked to us.

Yours truly,

SANTA FE ENERGY COMPANY

Vernon D. Dyer
Vernon D. Dyer
District Landman

PJT/mjs

Enclosure

BY SIGNATURE HERETO, WE DO APPROVE THIS WAIVER REQUEST:

BY: *Jack K. Lytle* for J.K. Lytle

DATE: 3/21/84

COMPANY: Exxon Corp.

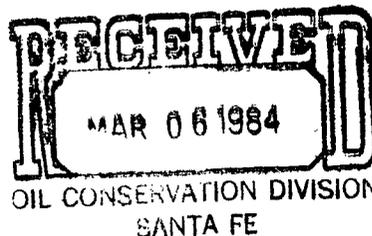
Santa Fe Energy Company



500 West Ohio
Midland, Texas 79701
915/687-3551

February 17, 1984

Delta Drilling Company
West Texas Production Division
3100 North "A"
Midland, Texas 79701



Attention: Danny B. Ford

Re: OD-NM-601,255
Weems #1
Waiver Letter
Eddy County, New Mexico

Gentlemen:

This is to inform you of Santa Fe Energy Company's Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a Morrow well to be drilled 1330' FWL and 990' FNL in Section 27-T-22-S, R-27-E, Eddy County, New Mexico, with the N/2 of said section to be the proration unit. (Plat attached for your convenience).

Santa Fe Energy Company would appreciate your responding to this waiver as quickly as possible as we plan to spud the well on or before April 1, 1984. Please send one executed copy to:

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

and return the copy so marked to us.

Yours truly,

SANTA FE ENERGY COMPANY

Vernon D. Dyer
Vernon D. Dyer
District Landman

PJT/mjs

Enclosure

BY SIGNATURE HERETO, WE DO APPROVE THIS WAIVER REQUEST:

BY: Danny B. Ford

DATE: 3/1/84

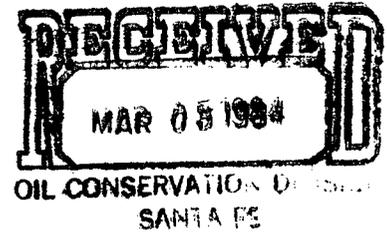
COMPANY: Delta Drilling Company



Santa Fe Energy Company

500 West Ohio
Midland, Texas 79701
915/687-3581

February 17, 1984



Monsanto Oil Company
1300 One First City Center
500 West Texas
Midland, Texas 79701

Re: OIL M-601,255
Weems #1
Waiver Letter
Eddy County, New Mexico

Gentlemen:

This is to inform you of Santa Fe Energy Company's Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a Morrow well to be drilled 1330' FWL and 990' FNL in Section 27-T-22-S, R-27-E, Eddy County, New Mexico, with the N/2 of said section to be the proration unit. (Plat attached for your convenience).

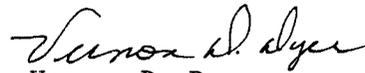
Santa Fe Energy Company would appreciate your responding to this waiver as quickly as possible as we plan to spud the well on or before April 1, 1984. Please send one executed copy to:

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

and return the copy so marked to us.

Yours truly,

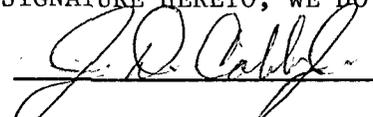
SANTA FE ENERGY COMPANY


Vernon D. Dyer
District Landman

PJT/mjs

Enclosure

BY SIGNATURE HERETO, WE DO APPROVE THIS WAIVER REQUEST:

BY: 

DATE: 2-24-84

COMPANY: Monsanto Oil Co

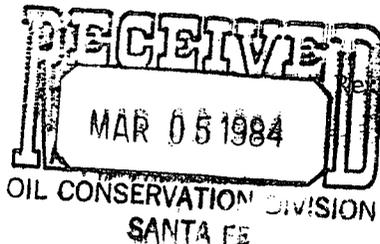
Santa Fe Energy Company



500 West Ohio
Midland, Texas 79701
915/687-3551

February 17, 1984

Spectrum 7 Energy Corporation
P. O. Box 50
Midland, Texas 79702



OD-NM-601,255
Weems #1
Waiver Letter
Eddy County, New Mexico

Gentlemen:

This is to inform you of Santa Fe Energy Company's Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a Morrow well to be drilled 1330' FWL and 990' FNL in Section 27-T-22-S, R-27-E, Eddy County, New Mexico, with the N/2 of said section to be the proration unit. (Plat attached for your convenience).

Santa Fe Energy Company would appreciate your responding to this waiver as quickly as possible as we plan to spud the well on or before April 1, 1984. Please send one executed copy to:

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

and return the copy so marked to us.

Yours truly,

SANTA FE ENERGY COMPANY

Vernon D. Dyer
Vernon D. Dyer
District Landman

PJT/mjs

Enclosure

BY SIGNATURE HERETO, WE DO APPROVE THIS WAIVER REQUEST:

BY: *Paul Ren*

DATE: *2/29/84*

COMPANY: *Spectrum 7 Energy*

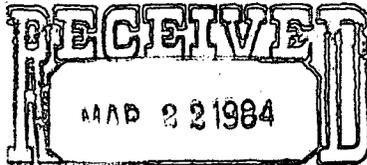


Santa Fe Energy Company



500 West Ohio
Midland, Texas 79701
915/687-3551

February 17, 1984



Uriah Exploration
P. O. Box 2439
Midland, Texas 79702

CONSERVATION DIVISION
SANTA FE

Re: OD-NM-601,255
Weems #1
Waiver Letter
Eddy County, New Mexico

Gentlemen:

This is to inform you of Santa Fe Energy Company's Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a Morrow well to be drilled 1330' FWL and 990' FNL in Section 27-T-22-S, R-27-E, Eddy County, New Mexico, with the N/2 of said section to be the proration unit. (Plat attached for your convenience).

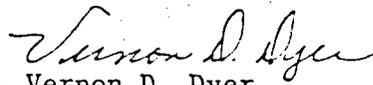
Santa Fe Energy Company would appreciate your responding to this waiver as quickly as possible as we plan to spud the well on or before April 1, 1984. Please send one executed copy to:

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

and return the copy so marked to us.

Yours truly,

SANTA FE ENERGY COMPANY

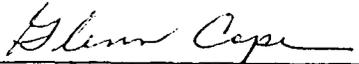

Vernon D. Dyer
District Landman

PJT/mjs

Enclosure

BY SIGNATURE HERETO, WE DO APPROVE THIS WAIVER REQUEST:

BY:



DATE:

2-23-84

COMPANY:

Uriah Exploration

RETURN THIS COPY
TO: SANTA FE ENERGY
COMPANY



Santa Fe Energy Company



500 West Ohio
Midland, Texas 79701
915/687-3551

FILE
NSL-1798

March 16, 1984

Mr. L. A. Clements
Supervisor and Oil & Gas Inspector
District II
Oil Conservation Division
Energy and Minerals Department
P. O. Drawer DD
Artesia, NM 88210



Re: Weems #1

Dear Mr. Clements:

Enclosed please find five (5) copies of Santa Fe Energy Company's request for administrative approval of an unorthodox location in Section 27, T22S, R27E, Eddy County, New Mexico. The reason is now geologic. A request was filed February 27, 1984 for geographic reasons.

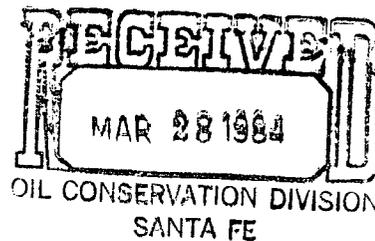
Sincerely,

Billie Hood

Billie Hood
Senior Production Clerk

BH:sh

Encls.



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

RECEIVED BY
MAR 21 1984
O. C. D.
ARTESIA, OFFICE

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Santa Fe Energy Company		8. Farm or Lease Name Weems
3. Address of Operator 500 W. Ohio, Midland, TX 79707		9. Well No. 1
4. Location of Well UNIT LETTER C LOCATED 1330 FEET FROM THE West LINE AND 990 FEET FROM THE North LINE OF SEC. 27 TWP. 22S RGE. 27# NMPM		10. Field and Pool, or Wildcat Under South Carlsbad Morrow
19. Proposed Depth 12,000'		19A. Formation Morrow
20. Rotary or C.T. Rotary		21. Elevations (Show whether DP, KI, etc.) 3108.4 G.L.
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor To be determined
22. Approx. Date Work will start April 1, 1984		12. County Eddy

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"	61.0	550' +	650 +	Surface
12-1/4"	9-5/8"	36.0	5450' +	2600 +	Surface
7-7/8"	5-1/2"	20.0	12000' +	850 +	7800' +

Move on location and rig up rotary tools. Drill a 17-1/2" hole to 550' + and run and cement 13-3/8" casing back to surface. WOC as per rules & regulations. Drill a 12-1/4" hole to 5450' + and run and cement 9-5/8" casing back to surface. WOC as per rules and regulations. Drill a 7-7/8" hole to 12000' +. Run logs and/or drill stem tests in order to evaluate for hydrocarbon production. Either plug and abandon as per rules and regulations or run and cement 5-1/2" production casing. Bring cement up to 500' above any producible zones.

RECEIVED
MAR 28 1984

OIL CONSERVATION DIVISION
SANTA FE

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. Burton Title Senior Drilling Engineer Date 2-23-84
Michael R. Burton
(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

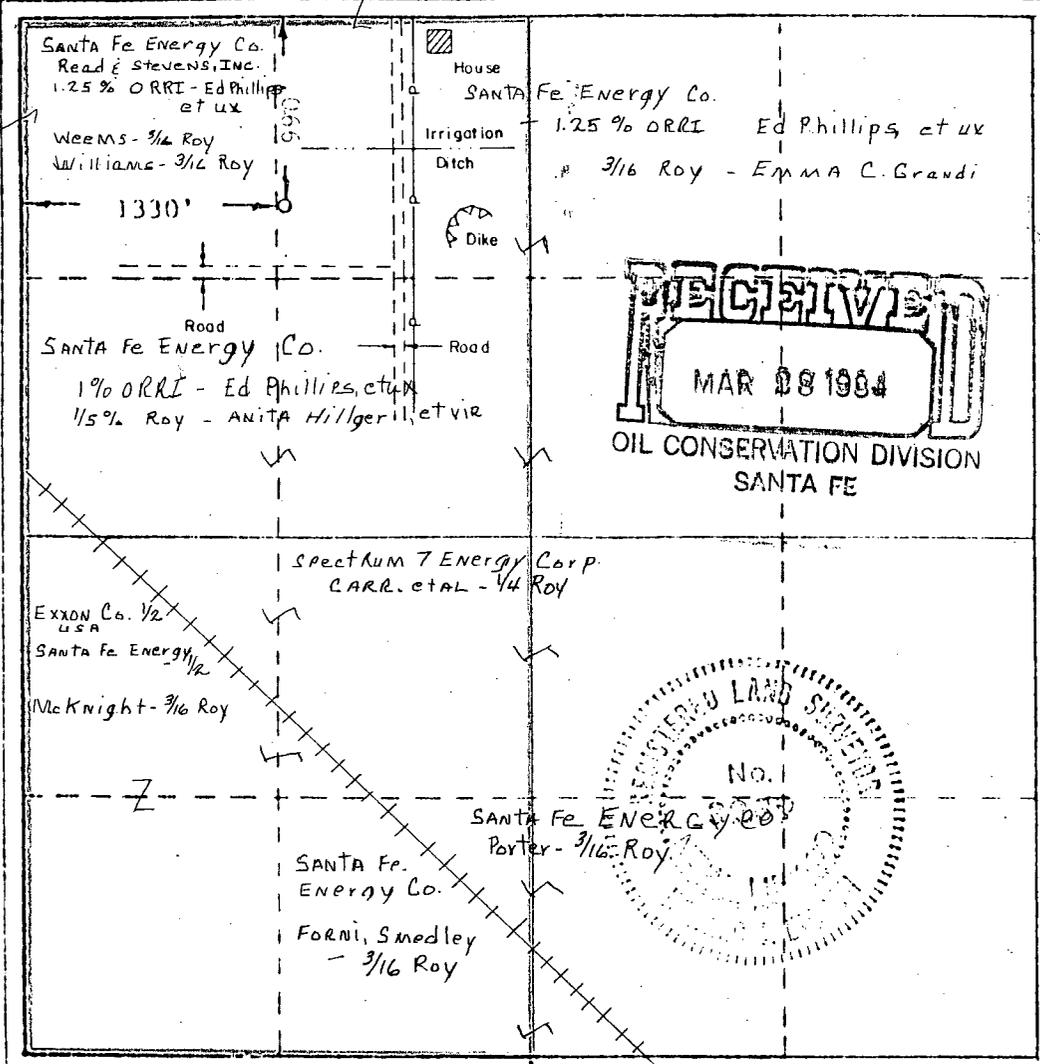
Operator Santa Fe Energy Company			Lease Weems			Well No. 1		
Unit Letter C	Section 27	Township 22 South	Range 27 East	County Eddy				
Actual Footage Location of Well: 990 feet from the North line and 1330 feet from the West line								
Ground Level Elev. 3108.4		Producing Formation		Pool Undesignated S. Carlsbad		Dedicated Acreage: 320 Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 Designation of Consolidated Gas
Leasehold Estate

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.



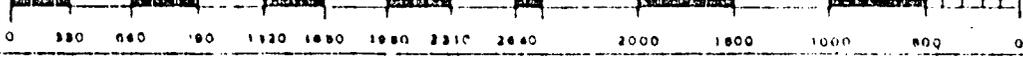
CERTIFICATION

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

Billie Hood
Name
Sr. Production Clerk
Position
Santa Fe Energy Co.
Company
March 19, 1984
Date

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: February 15, 1984
Registered Professional Engineer and/or Land Surveyor:
Ronald J. Eldson
Certificate No. JOHN W. WEST 878
Ronald J. Eldson 323





500 West Ohio
Midland, Texas 79701
915/687-3551

March 13, 1984

RECEIVED BY
MAR 21 1984
O. C. D.
ARTESIA, OFFICE

RECEIVED
MAR 28 1984

OIL CONSERVATION DIVISION
SANTA FE

RE: Geologic Exhibits
SFEC #1 Weems

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

Gentlemen:

Santa Fe Energy Company, Exploration Department, is proposing an unorthodox location (1330' FWL, 990' FNL) in Section 27-22S-27E, Eddy County, NM. Reasons for this location are as follows:

- 1) Isopaching of clean Morrow Sands indicates the trend of sand reservoirs trends in a northwest-southeast direction (See maps 1 & 2)
- 2) The Santa Fe Energy #1 Neely (990' FNL, 990' FEL Section 28-22S-27E) was dry in the Morrow sands. Santa Fe Energy's proposed location would be 2400' east of the No. 1 Neely.
- 3) The Santa Fe Energy #1 Walker (990' FEL, 1980' FSL Section 21) encountered excellent Morrow reservoir. The well potential for 8.4 million cubic feet of gas per day, CAOF. The proposed location is on trend with this well.

The location Santa Fe Energy Company has proposed is the most logical one based upon knowledge of sand trends, good reservoir conditions, and production data in extending gas production to the southeast in the South Carlsbad Field.

Yours truly,

Bill Schaefer (KHS)

Bill A. Schaefer, Jr.
Exploration Manager

ccs

Internorth, Inc.
Carlsbad St. Com.

$\frac{0}{23}$

18

15 NDE 1

14

Union of Calif.
Fornl



$\frac{0}{25}$ Coquina
Nichols



$\frac{0}{24}$ Coquina
Grandi

$\frac{3}{25}$ Antwell
Randall

SFEC
#1 Walker



$\frac{11}{20}$

PROPOSED
LOCATION
PTD 11960

SFEC
#1 Neeley



$\frac{4}{20}$

$\frac{11}{16}$ Apexco
H. Grandl



SANTA FE ENERGY COMPANY
PERMIAN BASIN DISTRICT
AMARILLO, TEXAS

CARLSBAD AREA
INDIAN DRAW PROSPECT
EDDY CO., NEW MEXICO

ISOPACH OF THE "B" MORROW SAND
WITH POROSITY $\geq 10\%$

C.I.: 5'
DATUM:
GEOLOGY BY:

DATE: 2-84
SCALE: 1"=2000'
DRAFTING BY: JLB

$\frac{0}{8}$ Reed & Stevens
#1 Otis



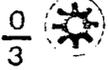
34

$\frac{8}{17}$ Apexco
Walterschled



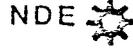
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Internorth, Inc.
Carlsbad St. Com.



16

15



NDE
Union of Calif.
Fornl

14

2



1-A



10/15
A
Coquina
Nichols



Coquina
Grandi



0/8

22

PROPOSED
LOCATION
PTD 11960

23

SFEC
#1 Walker

21

0/7
Antwell
Randall



10/12

SFEC
#1 Heeley



0/12

28

27

26

0/7
Apexco
H. Grandl



A'

SANTA FE ENERGY COMPANY

PERMIAN BASIN DISTRICT
AMARILLO, TEXAS

CARLSBAD AREA

INDIAN DRAW PROSPECT
EDDY CO., NEW MEXICO

ISOPACH OF THE "B" MORROW SAND
WITH POROSITY $\geq 10\%$

C.I.: 5'
DATUM:
GEOLOGY BY:

DATE: 2-84
SCALE: 1"=2000'
DRAFTING BY: JLB

2/4

Reed & Stevens
#1 Otts

34

1/3
Apexco
Walterschied

35

The attached letter was sent to the following companies:

Spectrum 7 Energy Corp.
P.O. Box 50
Midland, Texas 79702

Exploration Inc
~~Uriah Oil Company~~
P.O. Box 2439
Midland, Texas 79702

Monsanto Oil Company
500 West Texas
Midland, Texas 79701

Read & Stevens, Inc.
P.O. Box 1518
Roswell, New Mexico 88201

V.H. Westbrook
P.O. Box 2264
Hobbs, New Mexico 88240

El Paso Exploration Co.
1800 Wilco Bldg.
Midland, Texas 79701
ATTN: Don Janssen

500 West Ohio
Midland, Texas 79701
915/687-3551

File Copy

Re: OD-NM-601,255
Weems #1
Waiver Letter
Eddy County, New Mexico

Gentlemen:

This is to inform you of our Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a 12,000' Morrow well to be drilled 1330' FWL and 990' FNL in Section 27, T-22-S, R-27-E, Eddy County, New Mexico, with the West Half (W/2) of said section to be the proration unit. (Plat attached for your convenience).

As you will note, Santa Fe Energy Company recently sent out waiver letters for this same location, however, our plans have changed in that we are now proposing a stand-up unit (being the W/2 of Section 27) as opposed to the lay down unit (being the N/2 of Section 27).

Santa Fe Energy Company would appreciate your responding to this waiver as quickly as possible as we plan to spud the well as soon as the paperwork is in order. Please send one executed copy to:

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

and return the copy so marked to us.

Yours very truly,

Vernon D. Dyer
District Landman

ORIGINAL SIGNATURE OF
Vernon D. Dyer

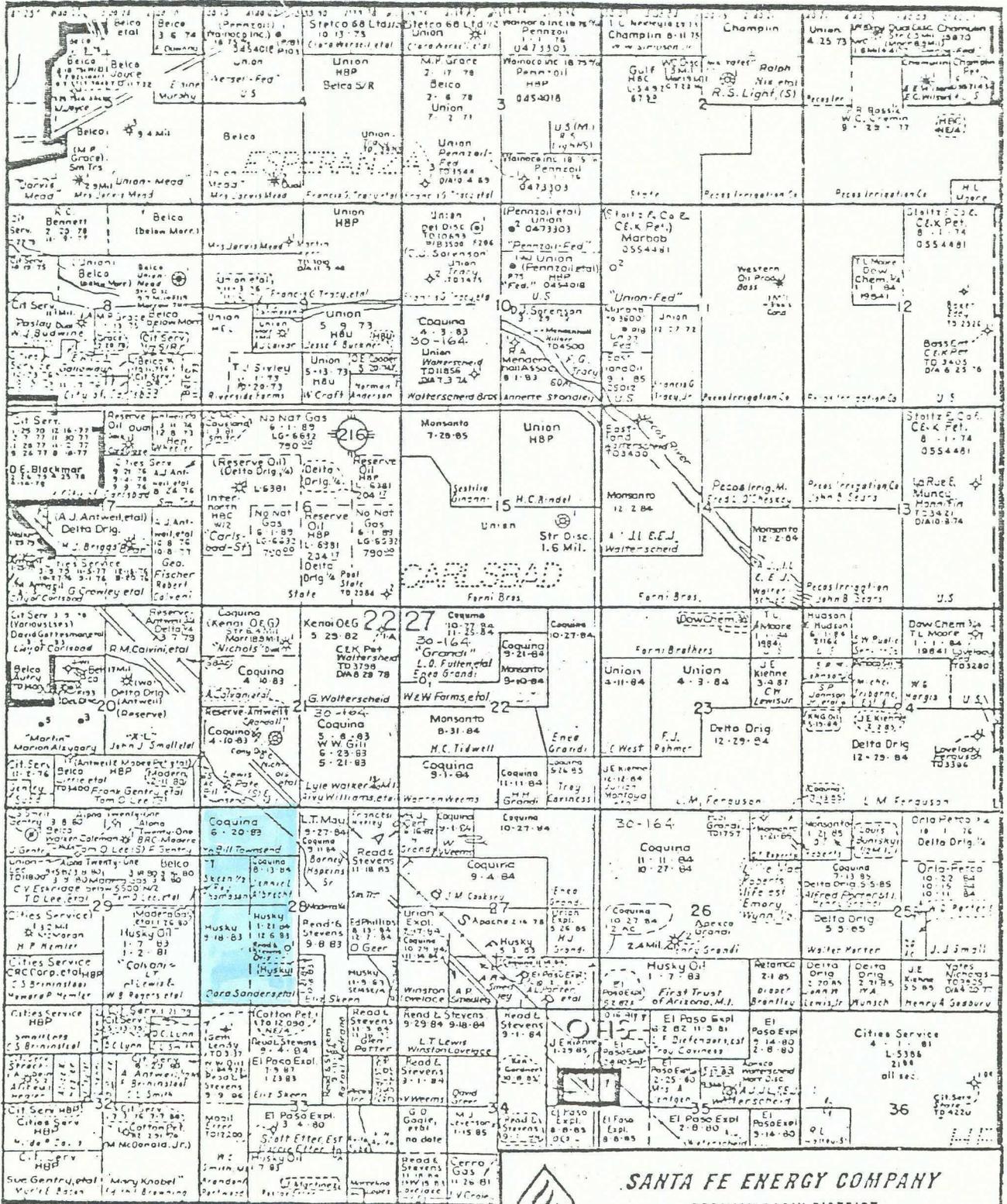
VDD/efw
1 Atch a/s

BY SIGNATURE HERETO, WE DO APPROVE THIS WAIVER REQUEST:

By: _____

Date: _____

Company: _____



SANTA FE ENERGY COMPANY
 PERMIAN BASIN DISTRICT
 AMARILLO, TEXAS

CARLSBAD AREA
 Eddy Co., New Mexico

INDIAN DRAW PROSPECT
 (SFEC-Coquina)

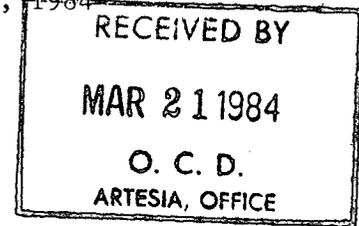
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Date: 2-83

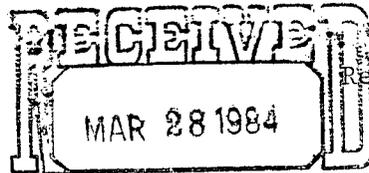
T
22
S

500 West Ohio
Midland, Texas 79701
915/687-3551

March 16, 1984



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



Re: Weems #1
Sec. 27-25S-27E
Eddy County, NM

OIL CONSERVATION DIVISION
SANTA FE

Gentlemen:

Santa Fe Energy Company requests administrative approval of an unorthodox location for a 12,000' + Morrow test to be drilled 1330' FWL, 990' FNL, Section 27, T22S, R27E, Eddy County, New Mexico.

A request was filed February 27, 1984 as geographic reasons. 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:sh