Leleuse March 13, 1988

## Santa Fe Energy Company

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

February 13,

FEB 18 1985

By DEC

OIL CONSERVATION DIVISION

NSL-2002 DUE-104 P(II)

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

> Henry No. 2 Re:

> > Section 22-22S-27E Eddy County, New Mexico

Dear Sir:

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

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

1. Letter requesting administrative approval of unorthodox South Cadsbad Morrow Pool Einst Carbbal Wolfcamp Pool Carbbad Strum Gas Pool 1ocation

Plat showing acreage dedicated

Geologic exhibits

Form C-101 4.

Form C-102

Six (6) copies of all of this has been sent to the District Office in Artesia.

Sincerely.

Billie Hood

Senior Production Clerk

Billie Hard

/cc enclosures



A Santa Fe Industries Company



February 13, 1985

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

Re: Henry No. 2

Section 22-22S-27E Eddy County, New Mexico

#### Gentlemen:

Santa Fe Energy Company requests administrative approval of an unorthodox location for a 12,100' $\pm$  Morrow test to be drilled 990' FEL, 1570' FSL, Section 22, T-22S, R-27-E, Eddy County, New Mexico.

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

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

Sincerely,

Billie Hood

Senior Production Clerk

Billie Hood

BH:cc

enclosures



February 13, 1985

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

RE: Geological Exhibits SFEC #2 Henry Eddy County, NM

Dear Mr. Stamets:

Santa Fe Energy Company, Exploration Department, is proposing an unorthodox location 1570' FSL, 990' FEL, Section 22, T22S, R27E, Eddy County, New Mexico.

The proposed well will test the major objective Morrow Sandstones and secondary objective Strawn and Wolfcamp Carbonates. The Lower Morrow "Henry Sand" is one of Santa Fe Energy Co's major objectives in the Morrow formation (Map 1). The Santa Fe #1 Henry (660' FNL, 990' FWL, Section 26, T22S, R27E) penetrated 16' of "Henry Sand" that had 8' of effective porosity. The sand was perforated and potentialed for a CAOF of 2.1 MMCFGPD.

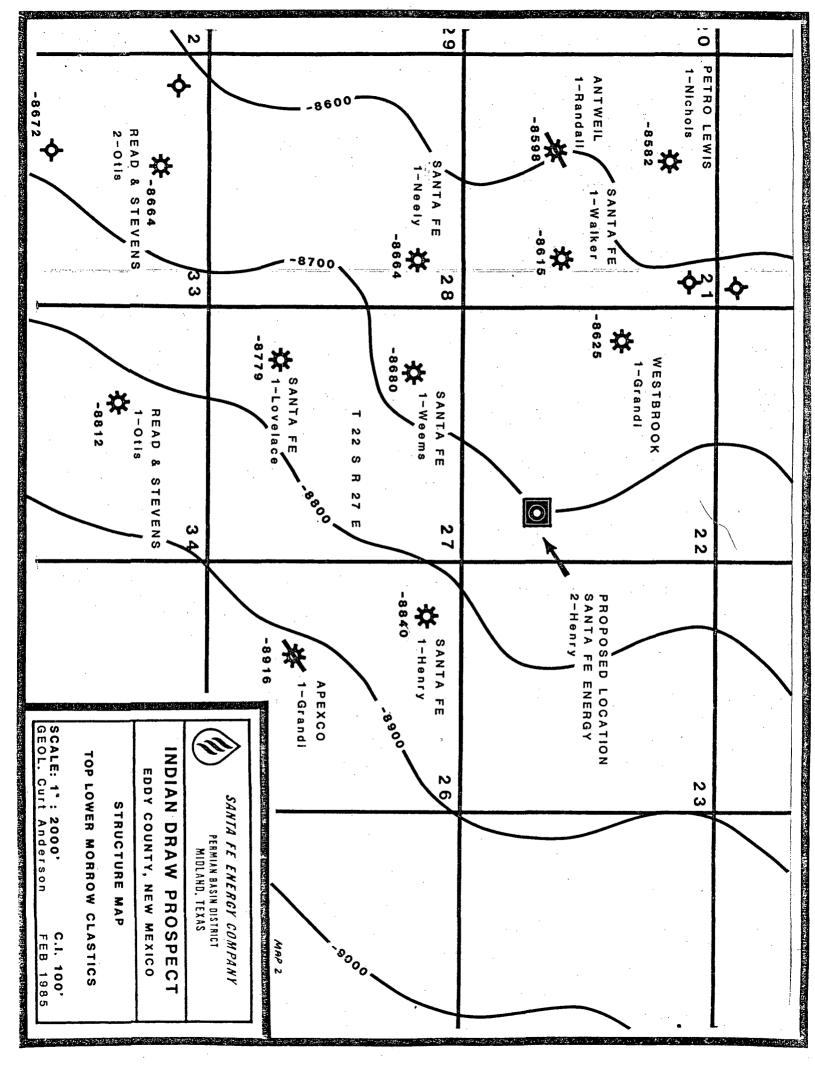
The "Henry Sand" is interpreted to have been deposited within a dip-oriented distributary channel that carried water from west to east across the area (Maps 1 and 2). The porosity encountered in the Henry #1 well is thought to be part of a point-bar that was deposited along this trend. Subsurface control suggests that the proposed location will be on depositional trend and will encounter the up-dip edge of the "Henry Sand" point bar porosity.

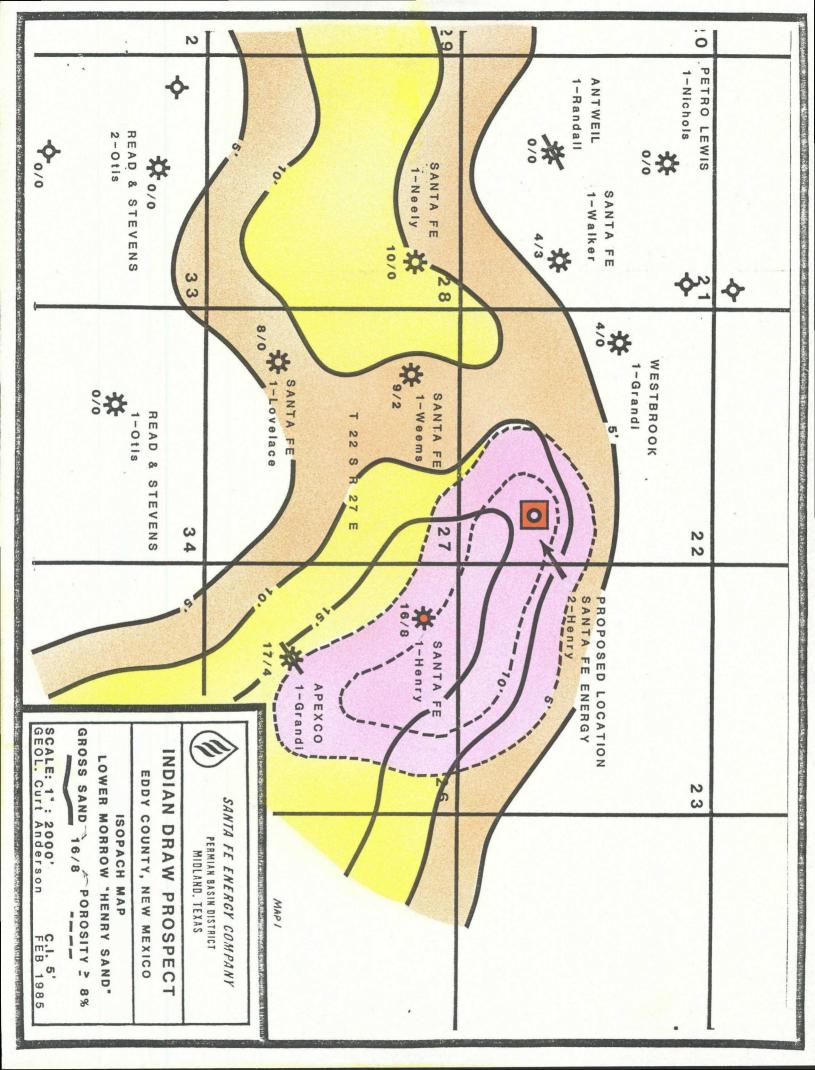
The location Santa Fe Energy Company has proposed is the most logical one based upon knowledge of the Morrow formation in the South Carlsbad field.

Yours truly, furth a and and a

Curtis A. Anderson

cys509





February 8, 1985

Mr. V. H. Westbrook P. O. Box 2264 Hobbs, NM 88240

RE: OD NM 617,010 Henry #2 Waiver Letter Eddy County, NM

Dear Mr. Westbrook:

This is to inform you of our Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a 12,100' Morrow test well, with secondary potential in the Strawn and Wolfcamp. The location of this Test will be 1570' FSL and 990' FEL in Section 22, T-22-S, R-27-E, Eddy County, New Mexico, with the South Half (S/2) of said section to be the proration unit, as to the Morrow and Strawn Formations. In the event this Henry #2 is completed as a Wolfcamp producer, then it is planned to establish an East Half (E/2) proration unit as to said formation. This is necessary due to the fact that the Grandi #1 well is currently producing from the Wolfcamp formation with the West Half (W/2) of said Section prorated thereto. (A Plat is attached for your convenience).

Santa Fe Energy Company would appreciate your responding to this waiver as quickly as possible. Currently our plans are 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, NM 87501

and return the copy so marked to us.

Yours truly,

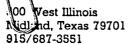
Patrick J. Tower Senior Landman

cys436 attachment

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

cc Bill Schaefer -

cc Bill Schaefer - Exploration Manager
Vernon Dyer - District Landman
Hugh Boyt - Production Manager



February 8, 1985

Partnership Properties Co. Petro-Lewis Tower P. O. Box 2250 Denver, CO 80201

Attention: Sam Moore

E: OD NM 617,010 Henry #2

> Waiver Letter Eddy County, NM

#### Gentlemen:

This is to inform you of our Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a 12,100' Morrow test well, with secondary potential in the Strawn and Wolfcamp. The location of this Test will be 1570' FSL and 990' FEL in Section 22, T-22-S, R-27-E, Eddy County, New Mexico, with the South Half (S/2) of said section to be the proration unit, as to the Morrow and Strawn Formations. In the event this Henry #2 is completed as a Wolfcamp producer, then it is planned to establish an East Half (E/2) proration unit as to said formation. This is necessary due to the fact that the Grandi #1 well is currently producing from the Wolfcamp formation with the West Half (W/2) of said Section prorated thereto. (A Plat is attached for your convenience).

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3γ	•	Date	
-			-

Title: Company:

cc Bill Schaefer - Exploration Manager Vernon Dyer - District Landman Hugh Boyt - Production Manager



February 8, 1985

Union Oil Company P. O. Box 671 Midland, TX 79701

RE: OD NM 617,010

Attention Land Department

Henry #2 Waiver Letter Eddy County, NM

Gentlemen:

This is to inform you of our Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a 12,100' Morrow test well, with secondary potential in the Strawn and Wolfcamp. The location of this Test will be 1570' FSL and 990' FEL in Section 22, T-22-S, R-27-E, Eddy County, New Mexico, with the South Half (S/2) of said section to be the proration unit, as to the Morrow and Strawn Formations. In the event this Henry #2 is completed as a Wolfcamp producer, then it is planned to establish an East Half (E/2) proration unit as to said formation. This is necessary due to the fact that the Grandi #1 well is currently producing from the Wolfcamp formation with the West Half (W/2) of said Section prorated thereto. (A Plat is attached for your convenience).

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and return the copy so marked to us.

Yours truly,

Patrick &. Tower Senior Landman

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By\_\_\_\_\_ Date\_\_\_\_

Title: Company:

cc Bill Schaefer - Exploration Manager
Vernon Dver - District Landman
Hugh Boyt - Production Manager



Re: Henry #2

1570' FSL & 990' FEL Section 22, T-22-S, R-27-E, Eddy County, NM

This 11th day of February, 1985, I, H. Rene' Moulinet, have received on behalf of Union Oil Company of California, a copy of that certain waiver request letter dated February 8, 1985 from Santa Fe Energy Company pertaining to the referenced well and location.

RECEIVED
FEB 1 1 1985
MIDLAND DISTRICT LONG.



February 8, 1985

DeltaUS Corporation West Texas Production Division 3100 North "A" Midland, TX 79701

RE: OD NM 617,010

Attention: Rod Woodard

Henry #2 Waiver Letter Eddy County, NM

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This is to inform you of our Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a 12,100' Morrow test well, with secondary potential in the Strawn and Wolfcamp. The location of this Test will be 1570' FSL and 990' FEL in Section 22, T-22-S, R-27-E, Eddy County, New Mexico, with the South Half (S/2) of said section to be the proration unit, as to the Morrow and Strawn Formations. In the event this Henry #2 is completed as a Wolfcamp producer, then it is planned to establish an East Half (E/2) proration unit as to said formation. This is necessary due to the fact that the Grandi #1 well is currently producing from the Wolfcamp formation with the West Half (W/2) of said Section prorated thereto. (A Plat is attached for your convenience).

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Yours truly,

Patrick J. Tower Senior Landman

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The Herme Do. Prop. Mik

Date o

Duc

Company:

cc Bill Schaefer - Exploration Manager Vernon Dyer - District Landman

Hugh Boyt - Production Manager



February 8, 1985

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

Attention Land Department

RE: OD NM 617,010
Henry #2
Waiver Letter
Eddy County, NM

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

and return the copy so marked to us.

Yours truly,

Patrick J. Tower, Sr. Landman

cys436

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J. D. COBB, JR./

Title: REGIONAL EXPLORATION MANAGER

Company: Monsanto Oil Company

cc Bill Schaefer - Exploration Manager Vernon Dyer - District Landman Hugh Boyt - Production Manager

February 8, 1985

Spectrum 7 Energy Corporation P. O. Box 10626 Midland, TX 79702

Attention J. David Williams

RE: OD NM 617,010
Henry #2
Waiver Letter
Eddy County, NM

#### Gentlemen:

This is to inform you of our Request for Administrative Approval of Santa Fe Energy Company's unorthodox location for a 12,100' Morrow test well, with secondary potential in the Strawn and Wolfcamp. The location of this Test will be 1570' FSL and 990' FEL in Section 22, T-22-S, R-27-E, Eddy County, New Mexico, with the South Half (S/2) of said section to be the proration unit, as to the Morrow and Strawn Formations. In the event this Henry #2 is completed as a Wolfcamp producer, then it is planned to establish an East Half (E/2) proration unit as to said formation. This is necessary due to the fact that the Grandi #1 well is currently producing from the Wolfcamp formation with the West Half (W/2) of said Section prorated thereto. (A Plat is attached for your convenience).

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Patrick &. Tower Senior Landman

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By Danf William

Date 2/11/85

Title:

Company: Spectrum 7 Energy Corporation

cc Bill Schaefer - Exploration Manager
Vernon Dyer - District Landman
Hugh Boyt - Production Manager .

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--- Wolfcamp Proration Unit

O Location



### SANTA FE ENERGY COMPANY

PERMIAN BASIN DISTRICT MIDLAND, TEXAS

CARLSBAD AREA (16)

Eddy Co., New Mexico

INDIAN DRAW PROSPECT (NM-23)

Scale: 1" - 4000'

DATE: 10-84

ENERGY AND MINERALS DER		OIL CONSERVA		•	Form C-101 Revised 10	-1-78
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inned Michael K. Bui	Michael	R. Burton Sr.Drill	ing Engineer	· D	are2/1	3/85
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CONDITIONS OF APPROVAL, IF ANY

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

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

All distances must be from the outer boundaries of the Section

SANTA FE ENERGY CO.			Lease HENRY	Well No.					
Unit Letter	Section 22	Township 22S	Range 27E	County					
Actual Footage Loc		220		1					
1570	feet from the	SOUTH line and	990 te	et from the EAST	line				
Ground Level Elev. 3098.3	Producing Fo Morrow	rmation	Pool Undes. S. Carl	shad Morrow	Dedicated Acreage: 320				
						Acres			
1. Outline th	e acreage dedica	ited to the subject we	eli by colored pencil	or nachure marks o	in the plat below.				
í	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).								
<b>a</b>	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?								
XX Yes	XX Yes No If answer is "yes," type of consolidation <u>Designation of consolidated gas lease</u> hold estate If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of								
	is no, list the finecessary.)	owners and tract desc	riptions which have a	ctually been consc	olidated. (t se reverse sid	1e of			
I .	-			· ·	communitization, unitizat seen approved by the Com				
	1		D vale Com		CERTIFICATION				
			SANTA FE ENERGY COMPANY 14		eby certify that the information	con-			
					d-herein is true and complete to				
					of my knowledge and belief.				
			KRITI EXPLORATION, INC. EMMA C. GRANDI, ET AL : ED PHILLIPS, ET UX 1.25	3/16 ROY	mike Burton				
	+			Nome	Mike Burton				
	No Marin	and a	192330	Positio	on Sr. Drilling Engir	neer			
	1 Pagina	at the	AND SURLEY	Compan	Santa Fe Energy Co	o.			
	1 998	1818	信 NO. 副		2/13/85				
		[ ] [ (a)	17						
MONSANTO OIL	COMPANY 100% DWELL, ET AL 3/16		MEYE	I her	raby certify that the well-loca	ation			
GARY L. KIEHNE,	ET AL 3.15% ORRI		WIN WES	show	n on this plat was plotted from	field			
	. 	$\downarrow$	155	il I	s of actual surveys made by m r my supervision, and that the s				
Super-Table	1		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		ue and correct to the best of				
				know	ledge and belief.	***			
THE SANTA SE FUSIO		SANTA FE EN COMPANY 1/	SANTA FE ENERGY		•				
KRITI EXPLORA	EEMS, ET UX 3/16 R	KRITI EXPLO	RATION, O	. Date Su	irveyed 2/5/85				
ED PHILLIPS, ET	UA 1.25% UHRI	W, WAYNE GI HENRY H, GR ET UX 3/11	ANDI. SANTA EE EN		ered Professional Engineer				
	<b>^</b>	ED PHILLIPS ET UX 1,25%	ORRI INC. 1/2	ATION. and/or	Land Surveyor				
			ET UX 3/16 ED PHILLIPS	HOT	imle Wit				
-				Comific	POWALD I FIRSON	676 3239			