

**Oil Conservation Division**

WFX-672  
PDEV0020600672

July 18, 1995

Yates Petroleum Corporation  
105 South 4th Street  
Artesia, New Mexico 88210

Attn: Ms. Theresa Sloan

**RE: Injection Pressure Increase Sanmal queen Unit  
Waterflood Project Lea County, New Mexico**

Dear Ms. Sloan:

Reference is made to your request dated June 5, 1995 to increase the surface injection pressure on two wells in the above referenced waterflood project. This request is based on a step rate tests conducted on comparable wells adjacent to the subject wells. The results of the test have been reviewed by my staff and we feel an increase in injection pressure on these wells is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following wells:

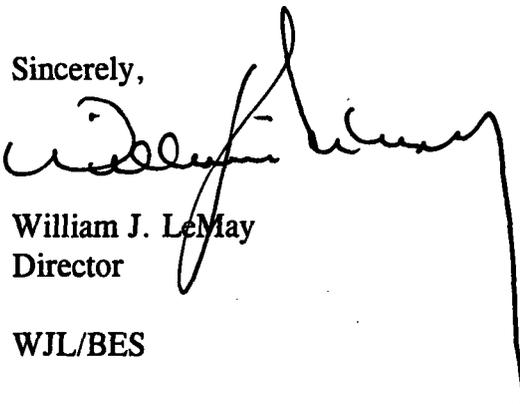
Well and Location	Maximum Injection Surface Pressure
Sanmal Queen Unit Well No.2, Unit L, Section 1	965 PSIG
Sanmal Queen Unit Well No.3, Unit K, Section 1	965 PSIG
Both located in Township 17 South, Range 33 East, Lea County, New Mexico.	

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

*Injection Pressure Increase*  
*Yates Petroleum Corporation*  
*July 18, 1995*  
*Page 2*

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Sincerely,



William J. LeMay  
Director

WJL/BES

cc: Oil Conservation Division - Hobbs  
File: WFX-672; PSI-X 3rd QTR 95

lat

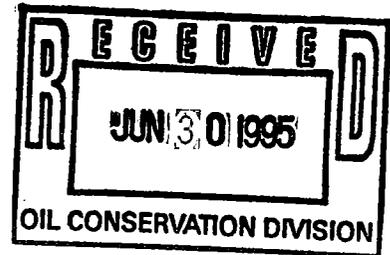
MARTIN YATES, III  
1912 - 1985  
FRANK W. YATES  
1936 - 1986



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210  
TELEPHONE (505) 748-1471

S. P. YATES  
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PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

June 5, 1995



New Mexico Oil Conservation Division  
2040 South Pacheco--P. O. Box 2088  
Santa Fe, New Mexico 87501

ATTN: David Catanach

RE: Request for Injection Pressure Limit Increase  
1 - Sanmal Queen Unit #2 L 1-17S-33E  
2 - Sanmal Queen Unit #3 K 1-17S-33E

Dear Mr. Catanach:

The Sanmal Queen Unit #2 and #3 were recently approved for conversion to injection by Administrative Order No. WFX-672. The wells are limited to a maximum injection surface pressure of 750 psi and 749 psi respectfully.

As we discussed on the phone, three other injection wells have been step rated, with pressures increased to the following. The attached plat notes the allowable pressures.

<u>Well Name</u>	<u>Maximum Injection Surface Pressure</u>	<u>Order No.</u>
1. Sanmal Queen Unit #5 (previously Hoover ADR St #1) I 1-17S-33E	950 psi	SWD-402
2. Sanmal Queen Unit #8 O 1-17S-33E	960 psi	Case file #10794 PSI-X 2nd QTR95
3. Sanmal Queen Unit #10 C 12-17S-33E	980 psi	Case file #10794 PSI-X 2ND QTR95

David Catanach

June 5, 1995

-2-

Please advise if you could administratively authorize an increase in the injection pressures to  $\pm 950$  psi on the Sanmal Queen Unit #2 and #3 since 3 of the 5 wells have been step rated.

Thank you for your consideration on this matter.

Sincerely,

*Theresa Sloan* 6-29-95

*sending again*

Theresa Sloan  
Petroleum Engineer - Reservoir

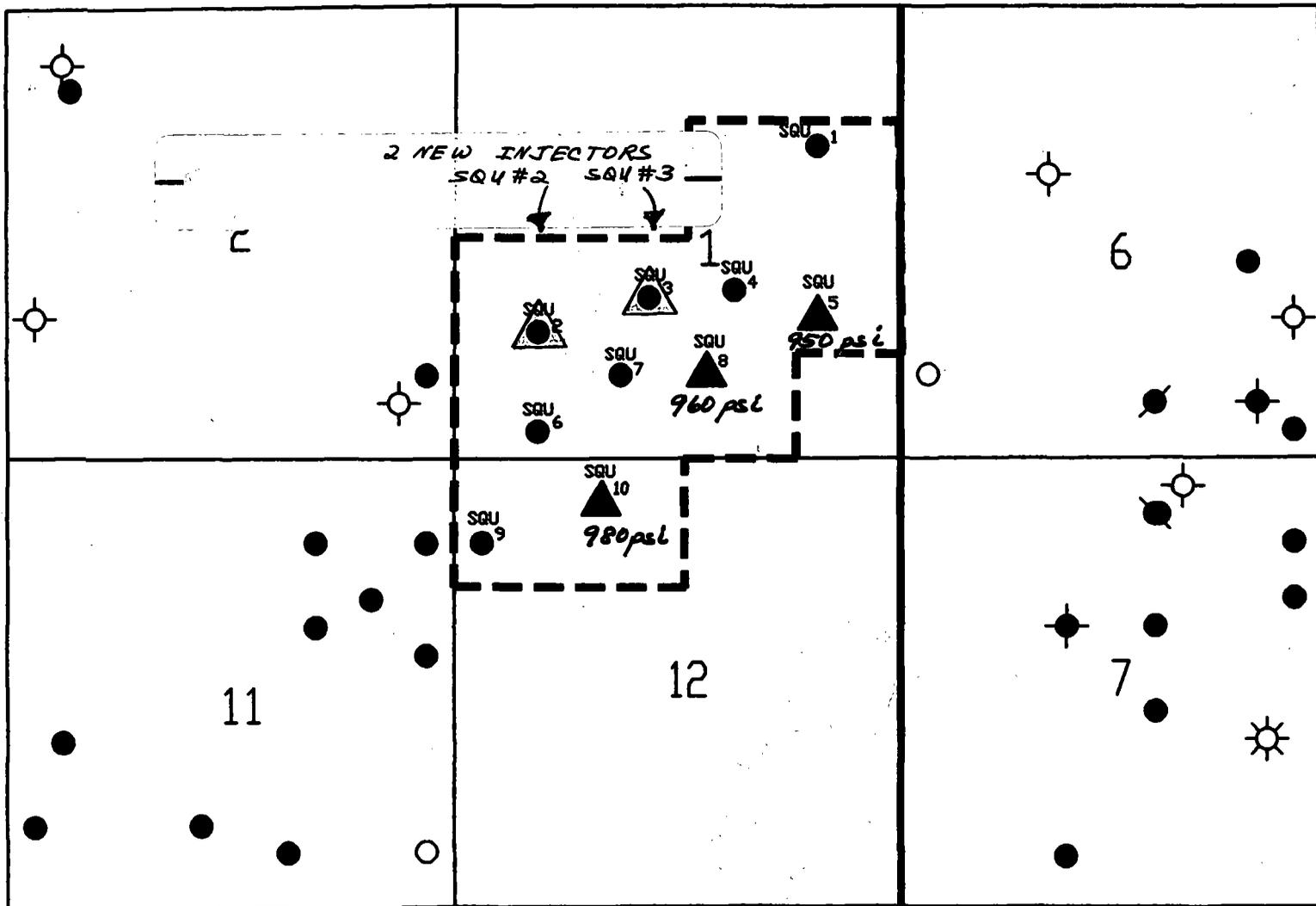
TS/cvg

Attachments

xc: NMOCD-Hobbs, NM

R33E

R34E



DRAFT \A93018  
 REV. 10/94 (VM)

SANMAL QUEEN UNIT  
 LEA COUNTY, NEW MEXICO

INJECTION ▲  
 UNIT OUTLINE □

SCALE: 1"=2000'

06/29/95

11:25

505 748 4585

YATES PET ENG

TO: David Catanach  
NMOC

FROM: Theresa Sloan

PHONE: 9-1-505-827-8177

180 M.P.H.



YATES  
PETROLEUM  
CORPORATION

DATE: 6/29/95

NUMBER OF PAGES:  
(INCLUDING COVER) 4

THERESA'S  
FAX NUMBER:

(505) ~~748-6788~~ 748-4632

DAVID

I'm Federal Expressing  
you the letter.  
Thanks.

Theresa Sloan

IF YOU DO NOT RECEIVE ALL OF THE  
TRANSMISSION :



(505) 748 - 1471 EXT. 181

OR  
DIRECT  
(505) 748-4181

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June 5, 1995  
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*Theresa Sloan* 6-29-95 *sending again*

Theresa Sloan  
Petroleum Engineer - Reservoir

TS/cvg

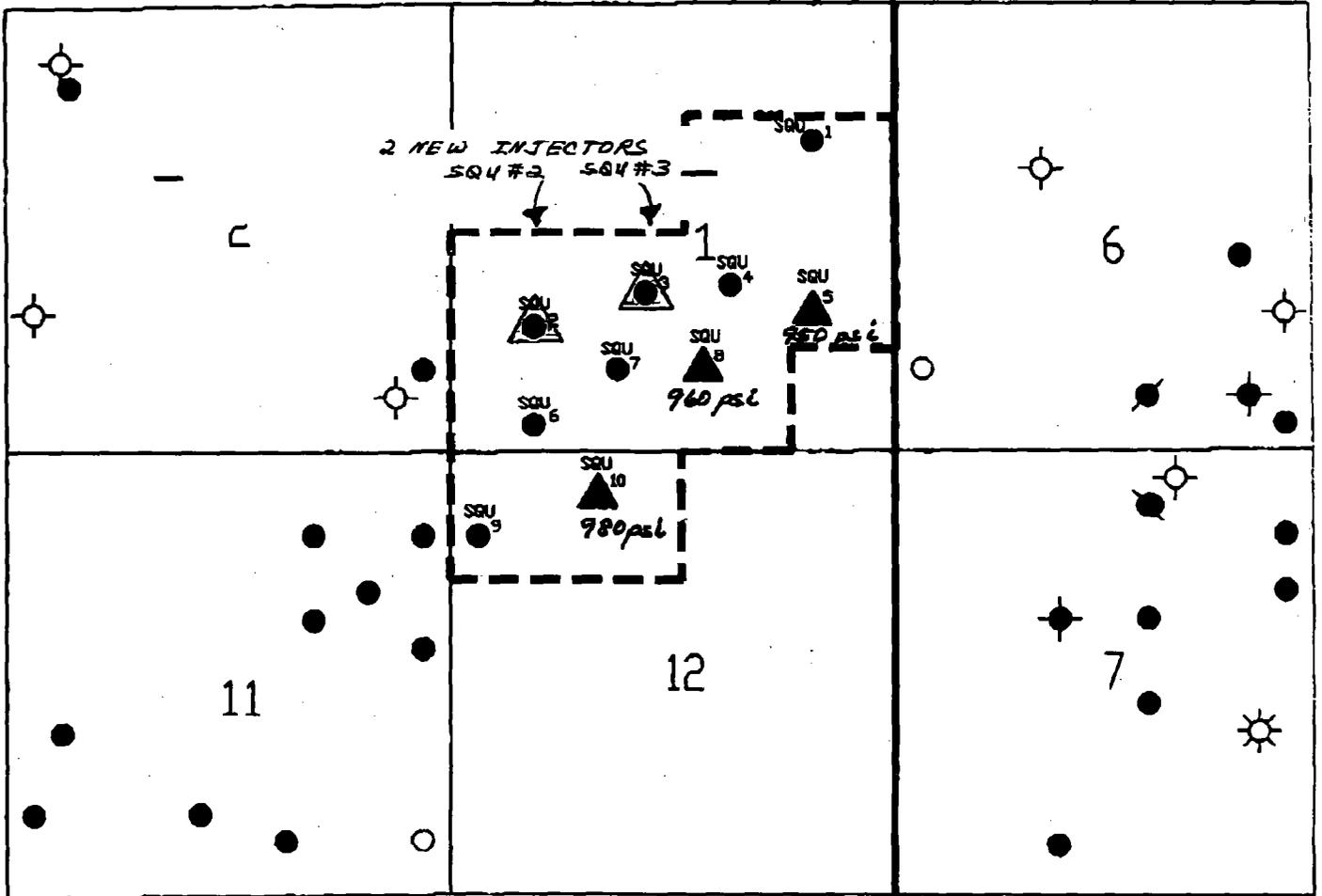
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xc: NMOCD-Hobbs, NM

R33E

R34E

T  
17  
S





**YATES**  
PETROLEUM  
CORPORATION

DRAFT \A93018  
REV. 10/94 (VM)

## SANMAL QUEEN UNIT

### LEA COUNTY, NEW MEXICO

INJECTION ▲

UNIT OUTLINE □

SCALE: 1"=2000'