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DEPCO, Inc.

PRODUCTION & EXPLORATION

April 5, 1976

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Jim Kapteina

RE: DEPCO, Inc.
Camp Flood
Waterflood Expansion
Convert 4 wells to injection

Gentlemen:

DEPCO, Inc., Camp Flood was approved in September, 1970, by R-4027. DEPCO, Inc. requests administration approval to convert and inject water into State 647 wells #205, #85, #84, and #89 in the Camp Flood. The location of these wells is marked in red on the attached plat. These wells are located in Section 33 and Section 27, Township 18 South, Range 28 East, Eddy County, New Mexico. The subject wells are producing wells, therefore, approval to convert them will be necessary. The approval to create more injectors is sought in order to complete a more efficient injection pattern.

Enclosed for your information are portions of the logs over the zones of interest for the proposed injection wells. Also, diagrammatic sketches for these wells are enclosed.

Mr. Jim Kapteina

April 5, 1976

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Injection will be into the San Andres pay at an approximate depth of 2,700'. Initial injection rates will be approximately 300 BWPD per well. The injection water will be fresh water from the city of Carlsbad and salt water produced from the Camp Flood.

The attached plat shows the location of the present injection wells.

Yours very truly,

DEPCO, INC.

A handwritten signature in cursive script, appearing to read "R. L. Flowers, Jr.", written in dark ink.

R. L. Flowers, Jr.
Chief Engineer

RLF:jz

enc.

cc: Offset Operators (See attached list)
w/Waivers

Offset Operators
DEPCO, INC.
Camp Flood
Artesia Field
Eddy County, New Mexico

✓ Yates Petroleum
Yates Building
207 South Fourth
Artesia, New Mexico 88210

T. J. Sivley
214 Booker Building
Artesia, New Mexico 88210

Mesa Petroleum
Drawer "P"
Artesia, New Mexico 87410

Burnham Oil Company
Box 162
Artesia, New Mexico 88210

Sunland
Drawer "T"
Artesia, New Mexico 88210

D & E Well Services
Box 192
Artesia, New Mexico 88210

✓ Kersey & Company
Box 316
Artesia, New Mexico 88210

American Petrofina, Inc.
Box 1311
Big Spring, Texas 79720

Southwestern, Inc.
Box 1116
Lovington, New Mexico 88260

Hole Size $8\frac{1}{4}$ "
Calc top of cement 1500'

Run 2 $3\frac{3}{8}$ " Plastic
lined tubing and set
Hookwall Pkr. @ 2450'

7" set @ 2605' cmt.
w/100 sx.

Open hole 2605-2848'

TD 2848'

Hole Size 6-3/4"
Calc. top of cement 1500'

Perfs. 2006, 2028, 2032,
2040, 2056, 2069,
2074, 2085, 2089

Perfs. 2680, 2703, 2713,
2719, 2737, 2744,
2748, 2762, 2769

← 8 5/8" hole

7" 20# set
527' cmt. w
150 sx.

← 2 3/8" tbg.
plastic
coated

Packer dept
2450'

← 4 1/2" 11.6#
J55 set @
2810' w/150
sx.

PBTD 2803'
TD 2810'

State 647 No. 205
Unit A Sec. 33, T18S, R28E
Eddy, New Mexico

Elev. 3580' DF

8 5/8" csg. set @ 492'
Cmtd. w/50 sx. →

Hole Size 8 1/4"
Calculated top of cement 1600'

2 3/8" plastic coated tubing →

Hookwall Packer set @ 2600' →

7" csg. set @ 2703'
Cmtd. w/100 sx. →

Open hole 2703-2884 →

TD 2884'

Hole size 10" →

8 5/8" set @ 553' cmt.
with 50 sx. →

2 3/8" tbg. plastic coated

Hole size 8" →

Calculated top of cement 1220'

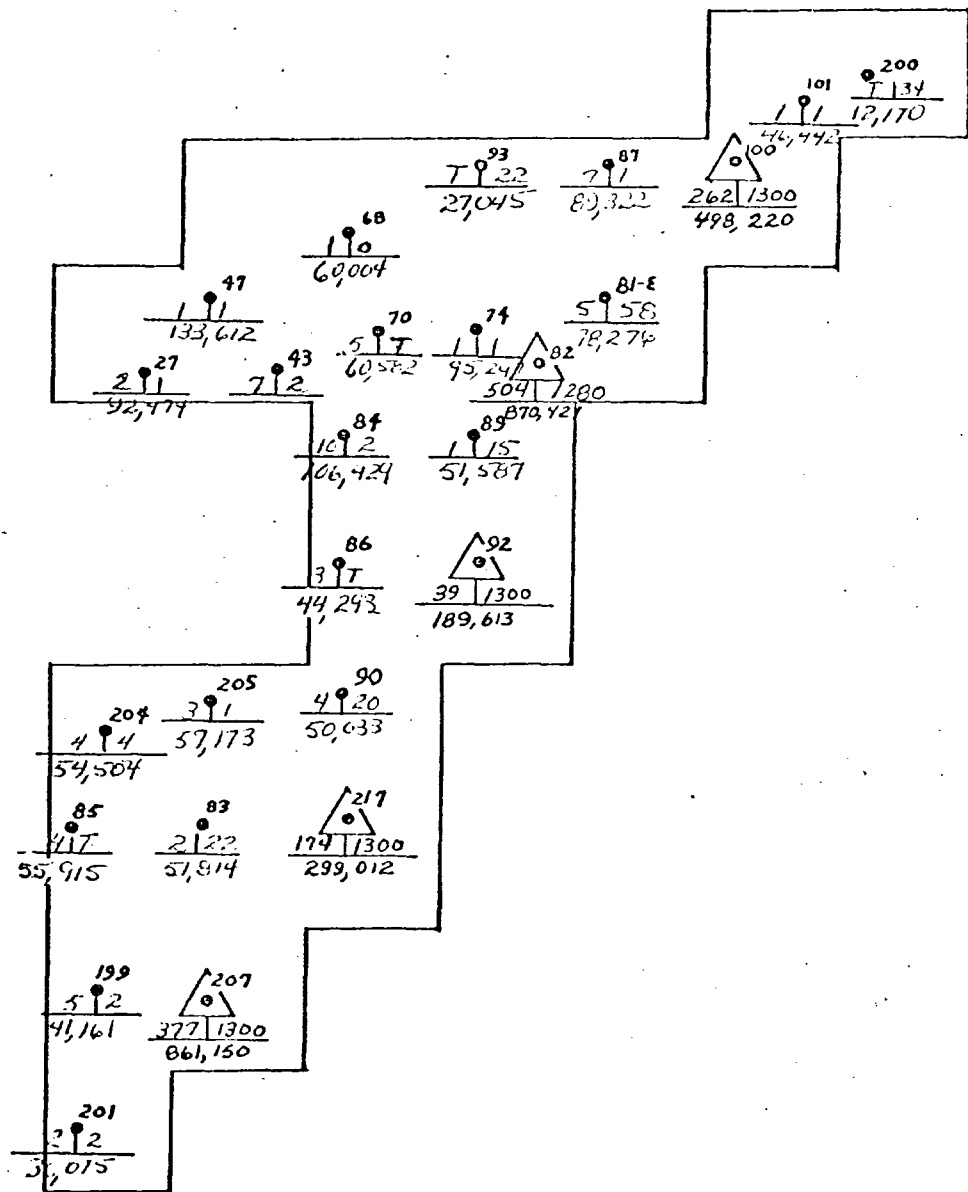
Perfs: 1952-62, 2144-56,
2190-96, 2339-45,
2418-26

Hookwall Pkr. set @ 2450' →

7" 20# set @ 2620' cmt.
with 100 sx. →

Open hole 2620-2842'

TD 2842'



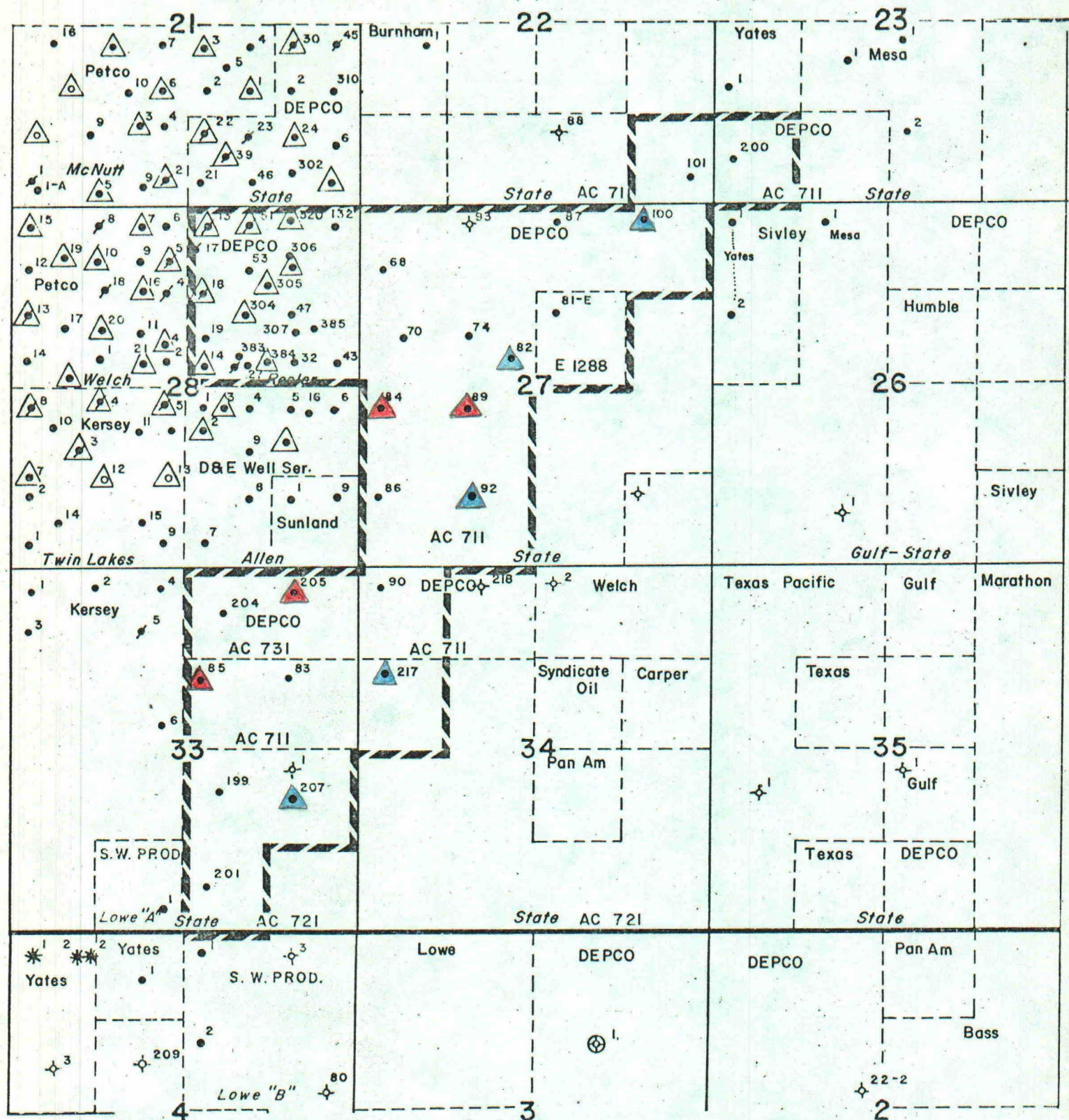
Camp Flood

oil | water
Cumulative To 1-1-76

Latest Test



△
Avg. Inj. Rate Press.
Cumulative to 1-1-76

R 28 E



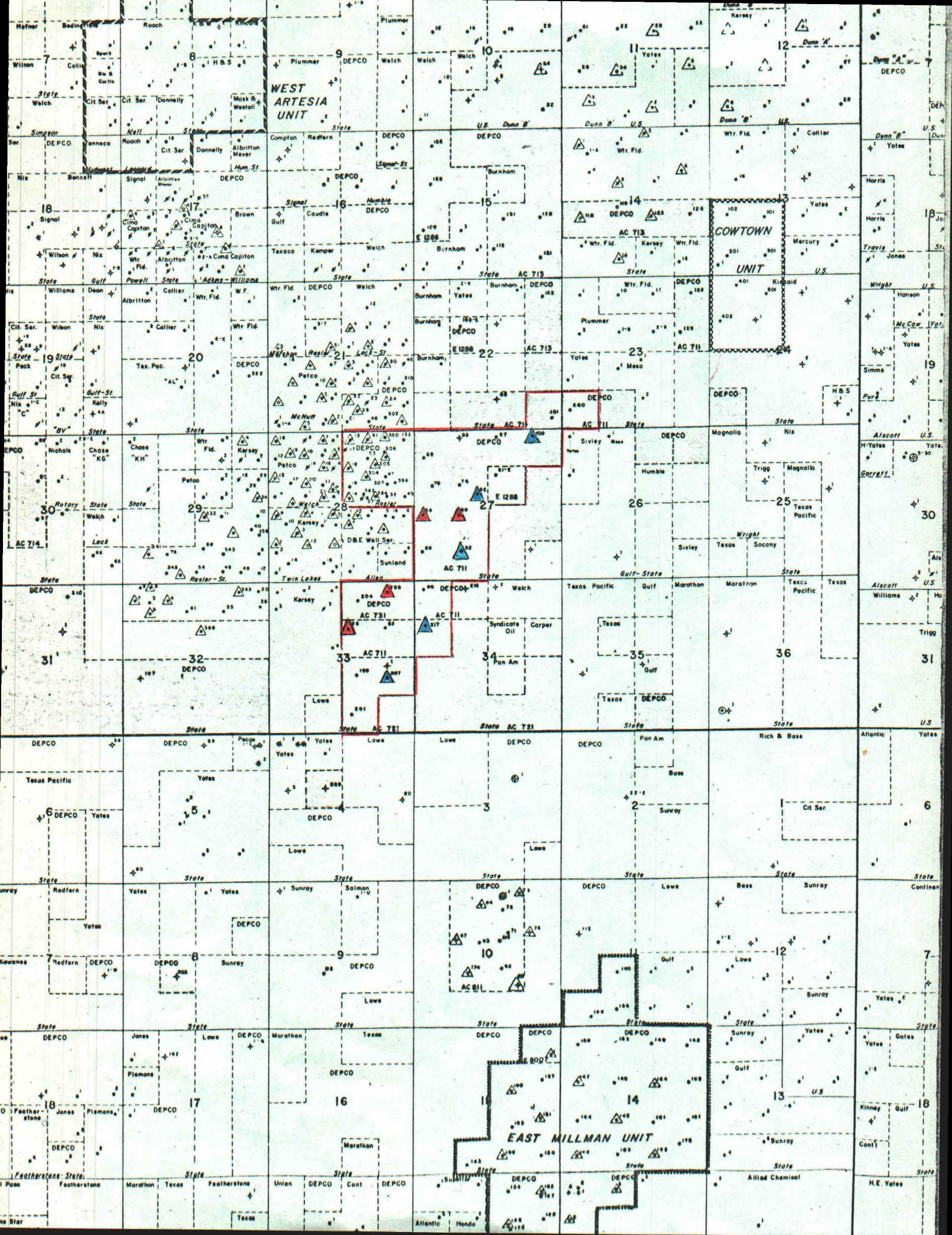
DEPCO, INC.

CAMP SAN ANDRES PROJECT

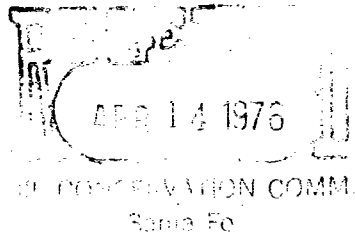
Present Injectors 
Proposed Injectors 

PORTION OF ARTESIA FIELD
EDDY COUNTY, NEW MEXICO





DATE April 21, 1976



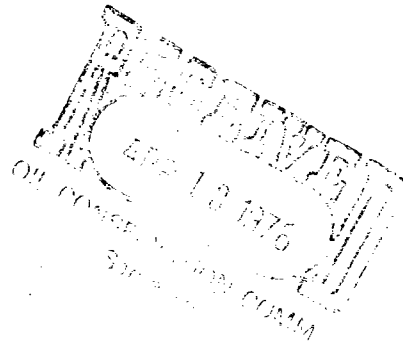
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. J. E. Kapteina, Engineer

Gentlemer:

As an offset operator, KERSEY & COMPANY hereby waives any objection to the conversion and injection of water into DEPCO, Inc. State 647 No. 84,85, 89, and 205, in the San Andres zone as requested in their application for expansion of the Camp Flood dated April 8, 1976.

FOR Kersey T Co
BY Harold Kersey
DATE 4/13/76



New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. J. E. Kapteina, Engineer

Gentlemen:

As an offset operator, Yates Petroleum Corp. hereby waives any objection to the conversion and injection of water into DEPCO, Inc. State 647 No. 84,85, 89, and 205, in the San Andres zone as requested in their application for expansion of the Camp Flood dated April 8, 1976.

FOR Yates Petroleum Corporation

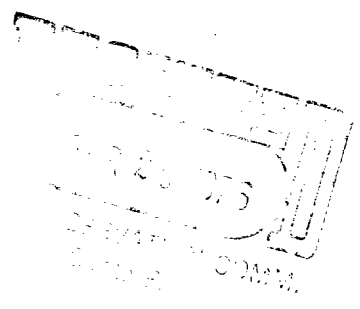
BY *[Signature]*

DATE April 12, 1976

100-1075

Gentlemen:

FOR Suzanne Land
BY K. L. Harrison
DATE 5/13/76



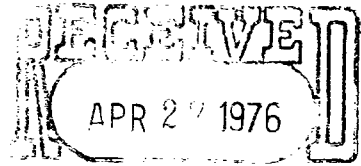
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. J. E. Kapteina, Engineer

Gentlemer:

As an offset operator, DAVID C. COLLIER hereby
waives any objection to the conversion and injection of
water into DEPCO, Inc. State 647 No. 84, 85, 89, and 205,
in the San Andres zone as requested in their application
for expansion of the Camp Flood dated April 8, 1976.

FOR KERSEY 1Y
NE $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 33
BY *David Collier*
DATE April 22, 1976



NEW MEXICO OIL CONSERVATION COMM.

Santa Fe

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. J. E. Kapteina, Engineer

Gentlemen:

As an offset operator, Burnham Oil Co hereby waives any objection to the conversion and injection of water into DEPCO, Inc. State 647 No. 84, 85, 89, and 205, in the San Andres zone as requested in their application for expansion of the Camp Flood dated April 8, 1976.

FOR Burnham Oil Co
BY W. E. Jeffers
DATE 4/25/76

Box 65
Artesia, N.M.

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. J. E. Kapteina, Engineer

Gentlemen:

As an offset operator, Southwestern, Inc. hereby
waives any objection to the conversion and injection of
water into DEPCO, Inc. State 647 No. 84,85, 89, and 205,
in the San Andres zone as requested in their application
for expansion of the Camp Flood dated April 8, 1976.

FOR Southwestern, Inc.

BY Clifford Cone President

DATE May 5, 1976

OIL CONSERVATION COMMISSION

Artesia DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 4-21-76

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX X _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 4-5-76
for the Depco Inc. State 647 #84-L + 89K-27-18-28
Operator Lease and Well No. Unit, S-T-R
#85-G + 205A 33-18-28

and my recommendations are as follows:

Approval upon receipt of waivers

Yours very truly,

W. A. Gressett