

436
5/3/76

DEPCO, Inc.

PRODUCTION & EXPLORATION

May 3, 1976

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

Attention: Mr. Jim Kapteina

RE: DEPCO, Inc.
Artesia Flood
Waterflood Expansion
Convert one well to injection

Gentlemen:

DEPCO, Inc. is asking the Commission to approve administratively, the application to convert one additional well (No. 22) to water injection in the Artesia Flood. This injector would replace well No. 23 being returned to production from injection status. The Artesia Flood was approved by R-2876 and R-3311.

Injection will be into the Grayburg at an approximate depth of 2400 feet. The fresh water will be injected at approximately 300 barrels of water per day. The fresh water is obtained from a system owned by the city of Carlsbad.

The location of this well is marked in red on the attached plat. This plat shows the location of present injection wells. This well is located in Section 35, Township 17 South, Range 28 East, Eddy County, New Mexico. The subject well is needed to replace No. 23, an injector that has been inadequate as an injector and to close an injection pattern.

New Mexico Oil Conservation Commission

May 3, 1976

Page 2

Enclosed for your information is the log over the Grayburg for the proposed injection well and a diagrammatic sketch.

The Commission's administrative approval of this request will be appreciated.

Yours very truly,

DEPCO, INC.

A handwritten signature in cursive script, reading "R. L. Flowers, Jr.", followed by a large, stylized flourish.

R. L. Flowers, Jr.
Chief Engineer

Enc.

RLF:jz

DEPCO, Inc.

PRODUCTION & EXPLORATION

May 3, 1976

TO: Offset Operators (See attached list)

RE: DEPCO, Inc.
Artesia Flood
Artesia Field
Eddy County, New Mexico

Gentlemen:

DEPCO, Inc. is asking the Commission to approve administratively, the application to convert one additional well to water injection in the Artesia Flood. This well is Artesia Unit #22. Injection will be into the Grayburg formation at an approximate depth of 2400 feet.

A copy of the application is attached, DEPCO would appreciate your waiver of objection to this application. Three copies of a waiver letter are attached. Please sign, send one copy to the Commission, and return one copy to DEPCO.

Yours very truly,

DEPCO, INC.



R. L. Flowers, Jr.
Chief Engineer

RLF:jz

enc.

Artesia Flood
Waterflood Expansion

OFFSET OPERATORS

Atlantic Richfield
Box 129
Artesia, New Mexico 88210

T. L. Ingram
Box 1757
Roswell, New Mexico 88201

✓ Shenandoah Oil Corporation
Box 1326
Maljamar, New Mexico 88210

J. B. Adamson
Box 727
Artesia, New Mexico 88210

✓ William E. Jeffers
Box 65
Artesia, New Mexico 88210

✓ Cities Service Oil Company
Box 4906
Midland, Texas 79701

✓ Featherstone Development Corporation
1717 W. 2nd Street
Roswell, New Mexico 88201

✓ American Petrofina
Box 1311
Big Spring, Texas 79720

C. O. Fulton
Box 1121
Artesia, New Mexico 88210

Donnelly Drilling Company
Box 433
Artesia, New Mexico 88210

✓ Yates Petroleum Corporation
Yates Building
207 South 4th Street
Artesia, New Mexico 88210

✓ C. E. LaRue & B. M. Muncy, Jr.
Box 196
Artesia, New Mexico 88210

✓ Marbob Energy Corporation
Box 304
Artesia, New Mexico 88210

10" Hole →
8-5/8" 24# J-55 Casing
set @ 569' w/75 sxs
Calc cement top @ circ.

8" Hole →
4½" 9.5# J-55 Casing →
set @ 2503' w/300 sxs
Calc cement top @ 1100'

Injection string 2-3/8"
Plastic coated tubing →

Packer @ 2100' →

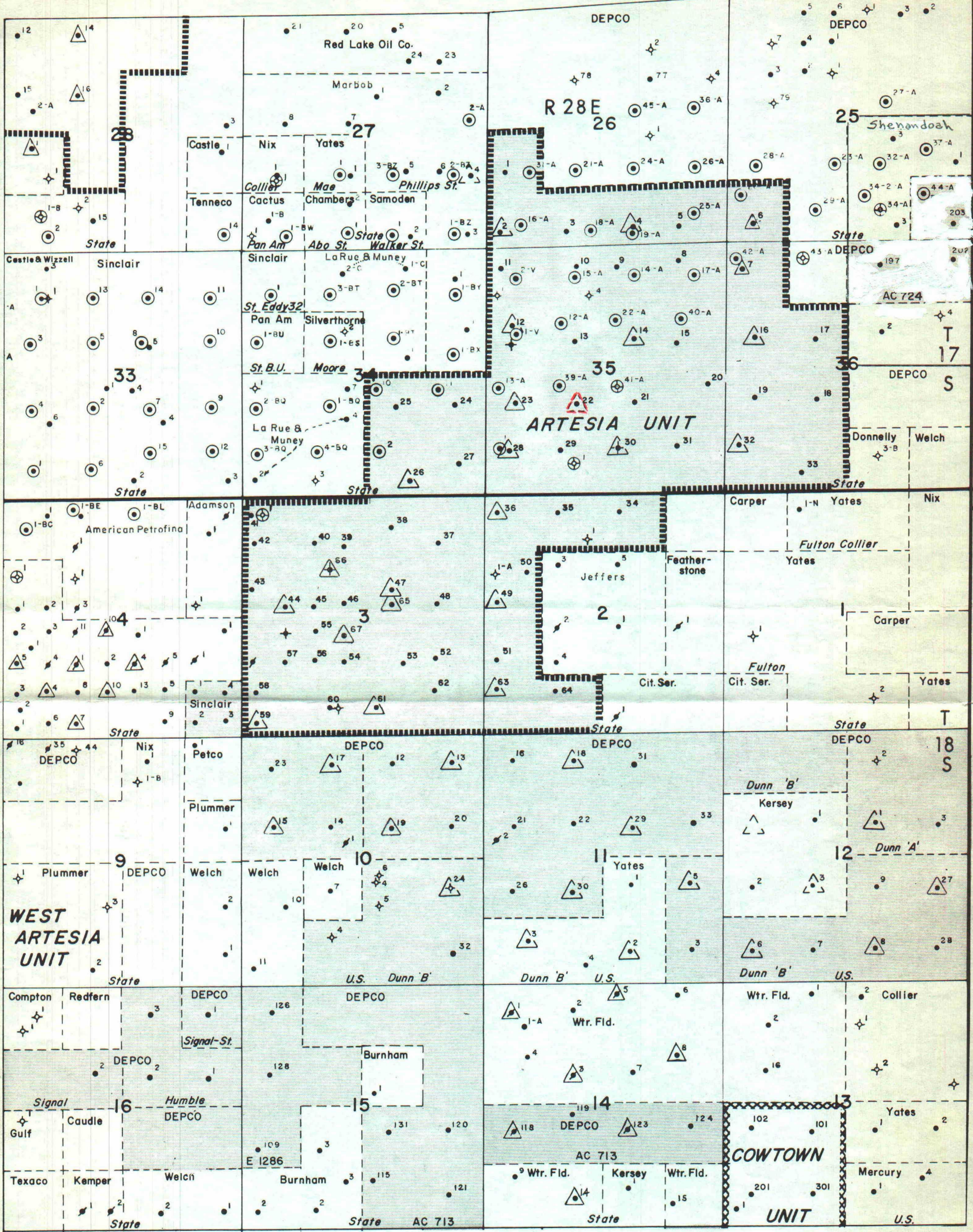
Perfs: 2150-54';
2304-12'; 2400-04';
2407-09'; 2428-31';
2439-44'

Run CIBP, set @ 2480'

PBTD 2588' →

TD 2625' →

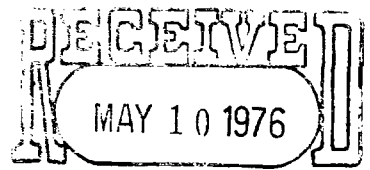
ARTESIA UNIT #22
Sec 35, T17S, R28E



● EMPIRE ABO.
⊗ ARTESIA

DEPCO, Inc.
ARTESIA UNIT
EDDY CO., NEW MEX.

Date: 5-3-76 Scale: 1" = 2000'



OIL CONSERVATION COMM.
Santa Fe

May 3, 1976

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, MARBOB ENERGY CORP. hereby waives any objection to the conversion and injection of water into DEPCO, Inc. Artesia Unit #22 in the Grayburg formation as requested in their application for expansion of the Artesia Unit dated May 3, 1976.

FOR MARBOB ENERGY CORPORATION

BY Mack C. Chan

DATE MAY 7, 1976

3 copies to each offset operator

May 3, 1976

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, William E. Jeffers hereby waives any objection to the conversion and injection of water into DEPCO, Inc. Artesia Unit #22 in the Grayburg formation as requested in their application for expansion of the Artesia Unit dated May 3, 1976.

FOR _____

BY William E. Jeffers

DATE 5/7/76

3 copies to each offset operator

May 3, 1976

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, Featherstone Development Corp. hereby waives any objection to the conversion and injection of water into DEPCO, Inc. Artesia Unit #22 in the Grayburg formation as requested in their application for expansion of the Artesia Unit dated May 3, 1976.

FOR Featherstone Development Corporation

BY

(Charles) W. T. Lister

DATE

April 12, 1976

3 copies to each offset operator

May 3, 1976

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 Corporation hereby waives any objection to the conversion and injection of water into DEPCO, Inc. Artesia Unit #22 in the Grayburg formation as requested in their application for expansion of the Artesia Unit dated May 3, 1976.

FOR Yates Petroleum Corporation
BY Raymond Peters
DATE 5/10/76

3 copies to each offset operator

May 3, 1976

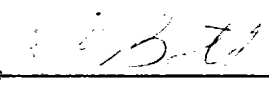
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. J. E. Kapteina, Engineer

Gentlemen:

As an offset operator, AMERICAN PETROFINA CO. OF TEXAS hereby waives any objection to the conversion and injection of water into DEPCO, Inc. Artesia Unit #22 in the Grayburg formation as requested in their application for expansion of the Artesia Unit dated May 3, 1976.

FOR AMERICAN PETROFINA COMPANY OF TEXAS

BY  R. C. Bott

DATE May 10, 1976

3 copies to each offset operator

May 3, 1976

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, C. E. LARUE and B. H. MURPHY JR hereby waives any objection to the conversion and injection of water into DEPCO, Inc. Artesia Unit #22 in the Grayburg formation as requested in their application for expansion of the Artesia Unit dated May 3, 1976.

FOR _____

BY B. H. Murphy Jr
DATE May 8, 1976

3 copies to each offset operator

May 3, 1976

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, Shenandoah Oil Corp. hereby waives any objection to the conversion and injection of water into DEPCO, Inc. Artesia Unit #22 in the Grayburg formation as requested in their application for expansion of the Artesia Unit dated May 3, 1976.

FOR Shenandoah Oil Corp.

BY C. M. Downing Jr.
DATE 5-12-76

3 copies to each offset operator

RECEIVED
MAY 11 1976
NEW MEXICO

May 3, 1976

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, CITIES SERVICE OIL CO. hereby waives any objection to the conversion and injection of water into DEPCO, Inc. Artesia Unit #22 in the Grayburg formation as requested in their application for expansion of the Artesia Unit dated May 3, 1976.

FOR CITIES SERVICE OIL CO.

BY L. Alan Horn MANAGER PRODUCTION
DATE 5/12/76 SOUTHWEST REGION

3 copies to each offset operator

OIL CONSERVATION COMMISSION
Artesia DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 5-11-76

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

Gentlemen:

I have examined the application dated 5-3-76
for the Depco Inc. Artesia Unit # 22 K 35-17-28
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approval

Yours very truly,

W.A. Grosset