

HAROLD C. PORTER
ENGINEER

SH-197666-6 CC-2
P. O. BOX 395

ARTESIA, NEW MEXICO
NOVEMBER 26, 1962

STATE ENGINEER
SANTA FE, NEW MEXICO

ATTENTION: MR. FRANK IRBY, CHIEF
WATER RIGHTS DIVISION

DEAR MR. IRBY:

I HAVE BEEN ASKED BY CIMA CAPITAN, INC. TO HANDLE THEIR WATERFLOOD APPLICATION WHICH IS SCHEDULED TO BE HEARD BEFORE THE OIL CONSERVATION COMMISSION ON DECEMBER 6TH.

THE AREA TO BE FLOODED IS THE S/2 SE/4; NW/4 SE/4; AND NE/4 SW/4, SECTION 17, T-18S, R-28E, ARTESIA POOL, EDDY COUNTY, NEW MEXICO. THE AREA IS SHOWN ON THE ATTACHED PLAT. WELLS TO BE INJECTION WELLS ARE CIRCLED.

THE PRODUCTIVE INTERVALS TO BE FLOODED ARE THE GRAYBURG-SAN ANDRES ZONES FROM 2000 FEET TO 2450 FEET.

THE MAJORITY OF THESE WELLS WERE DRILLED IN 1925 AND 1926, AS SHOWN ON THE ATTACHED WELL DATA SHEET. COMMON COMPLETION PRACTICE WAS TO SET 10" AND 8" CASING WELL INTO THE SALT SECTION. 6 5/8" CASING WAS THEN SET ABOVE THE PAY AND THE WELL WAS COMPLETED IN OPEN HOLE. IN MANY CASES THE 6 5/8" CASING WAS PULLED AFTER THE WELL WAS COMPLETED.

THE AREA IS WELL OUT OF ANY DECLARED WATER BASIN. NO SUBSTANTIAL AMOUNT OF WATER IS PRESENT IN THE AREA. HOWEVER, IN ORDER TO HAVE A SUITABLE INJECTION WELL COMPLETION, IT IS THE PLAN OF THE OPERATOR TO PULL THE 6 5/8" CASING, CLEAN THE WELL TO BOTTOM, AND CEMENT A STRING OF 4 1/2" CASING TO THE SURFACE AND PERFORATE THE CASING OPPOSITE THE PAY INTERVAL. I AM ATTACHING A SCHEMATIC DRAWING OF THE INTENDED INJECTION WELL COMPLETION.

IN MY OPINION THIS WOULD GIVE EVERY REASONABLE PROTECTION TO ANY WATER-BEARING STRATA WHICH MIGHT BE PRESENT.

IT IS PLANNED TO OBTAIN INJECTION WATER FROM CAPROCK WATER COMPANY LINES WHICH ARE PRESENT IN THE AREA.

I WOULD APPRECIATE YOUR EXAMINATION OF OUR PLAN. IF THERE ARE ANY FURTHER QUESTIONS, PLEASE CALL ME AT OH 6-6032.

I WILL HAVE A COPY OF ALL EXHIBITS FOR YOU AT THE HEARING.

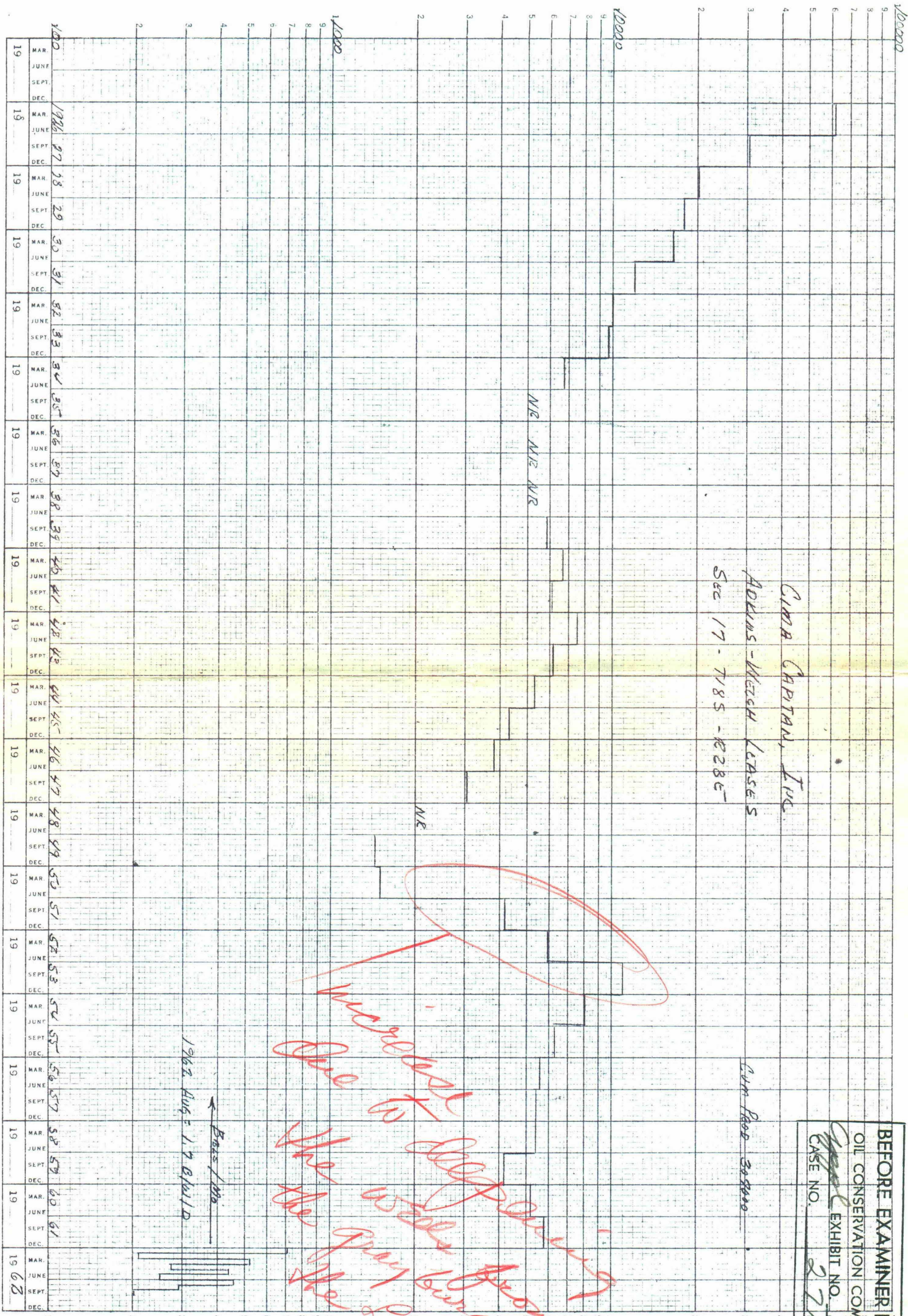
VERY TRULY YOURS,

H. C. PORTER
ENGINEER

HCP:EL

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. <u>8</u>
CASE NO. <u>2712</u>

BARRELS PER YEAR



BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
CASE NO. 2712
EXHIBIT NO. 4

EXHIBIT #

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

**BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO**

**IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:**

**CASE No. 2712
Order No. R-2395**

**APPLICATION OF CIMA CAPITAN CORPORATION
FOR A WATERFLOOD PROJECT, ARTESIA POOL,
EDDY COUNTY, NEW MEXICO.**

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on December 6, 1962, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 26th day of December, 1962, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Cima Capitan Corporation, seeks permission to institute a waterflood project in the Artesia Pool by the injection of water into the Grayburg-San Andres formations through seven wells located in Section 17, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

(3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(4) That approval of the subject application will neither cause waste nor impair correlative rights.

(5) That the subject application should be approved and should be governed by the provisions of Rule 701.

-2-

CASE No. 2712
Order No. R-2395

IT IS THEREFORE ORDERED:

(1) That the applicant, Cima Capitan Corporation, is hereby authorized to institute a waterflood project in the Artesia Pool by the injection of water into the Grayburg-San Andres formations through the following-described seven wells located in Section 17, Township 18 South, Range 28 East, NMPM, Artesia Pool, Eddy County, New Mexico:

Welch State Well No. 1, SW/4 NE/4 SW/4;
Welch State Well No. 4, NE/4 NE/4 SW/4;
Welch State Well No. 5, SW/4 NW/4 SE/4;
Adkins-Williams Well No. 1, SW/4 SW/4 SE/4;
Adkins-Williams Well No. 6, NE/4 SW/4 SE/4;
Adkins-Williams Well No. 7, SW/4 SE/4 SE/4;
Adkins-Williams Well No. 10, NE/4 SE/4 SE/4.

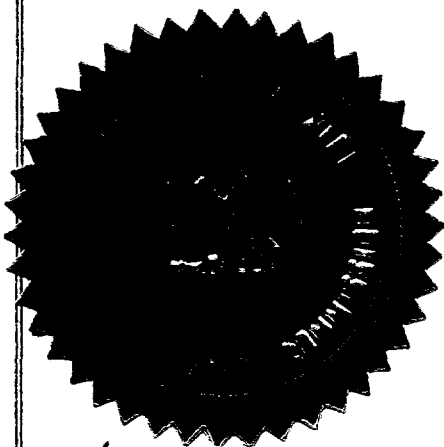
(2) That the subject waterflood project shall be governed by the provisions of Rule 701, including the allowable provisions thereof, and including the provisions with respect to expansion of the waterflood project.

(3) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1119 of the Commission Rules and Regulations.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



Tom Bolack
TOM BOLACK, Chairman

E. S. Walker
E. S. WALKER, Member

A. L. Porter, Jr.
A. L. PORTER, Jr., Member & Secretary

esr/