

cima CAPITAN incorporated

(N.S.L.)

310 BOOKER BUILDING
POST OFFICE DRAWER 1343

ARTESIA, NEW MEXICO

AREA CODE 505
TELEPHONE 748-1177

March 16, 1965

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

Gentlemen:

Pursuant to Rule 701-E-5, we hereby apply for administrative approval for the conversion of our Graridge State Well No. 4 from a producing oil well to a water injection well. The well is located 330' from the west line and 2310' from the south line, Section 17, T18S, R28E, Eddy County, as shown on the attached plat. This well is offset by Welch State No. 1, which is responding to water flood as shown by the enclosed Form C-116.

I am enclosing a schematic drawing of the proposed injection well completion. The well now has only 8-5/8" casing at 510', according to the very incomplete record. (The well was drilled in 1925). We plan to set 4-1/2" casing as shown and cement back to the surface.


Injection was authorized by Order No. R-2395, Case 2970 on January 22, 1964. Injection is into the Grayburg formation at approximately 2000'. Injection water is purchased from the Caprock Water Company. Injection volumes are averaging 250 barrels per day per well at 950 psi pressure.

In accordance with Rule 701, I am forwarding a copy of this application to the State Engineer and to offset operators.

Please advise if further information is necessary.

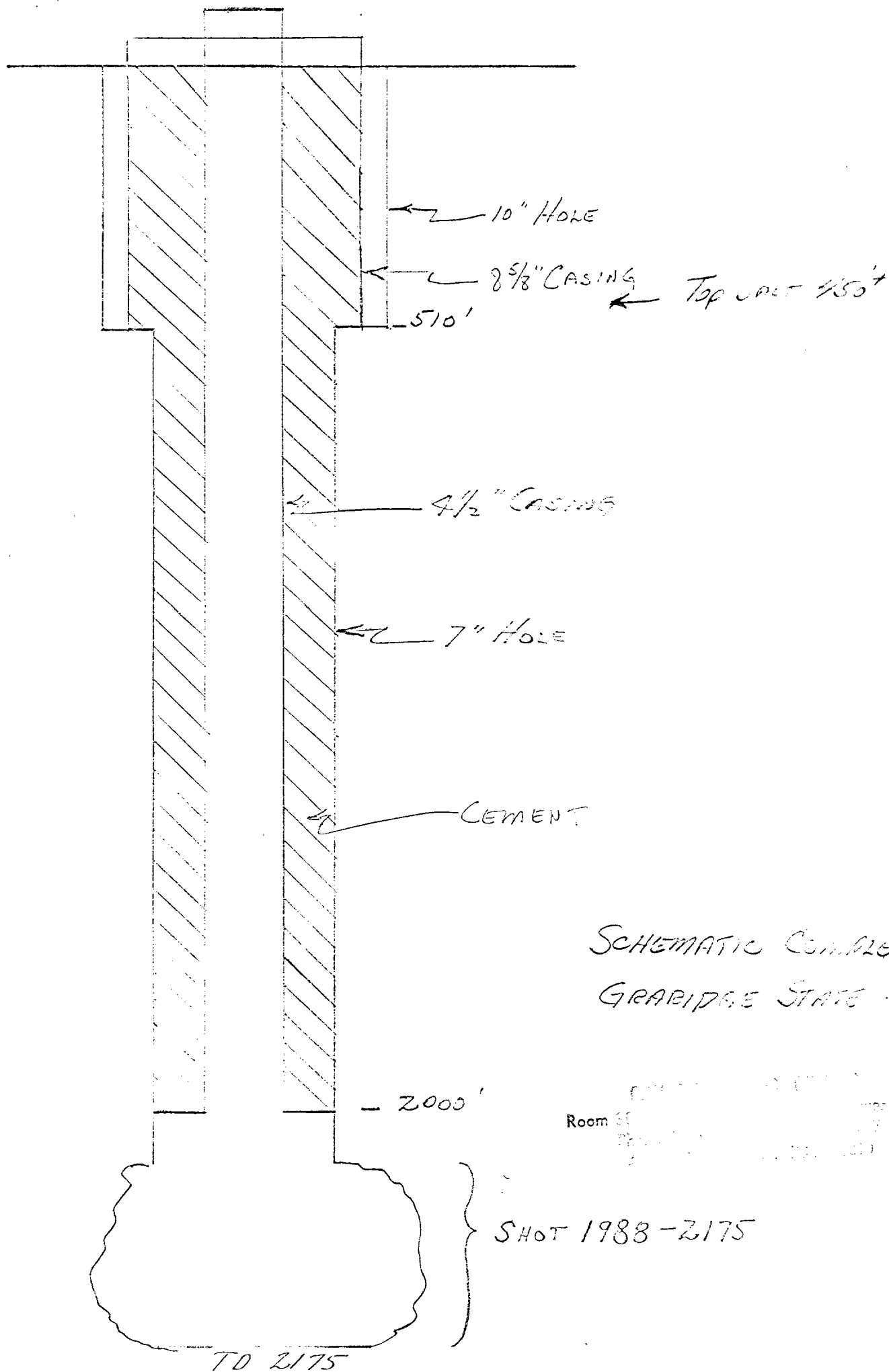
Very truly yours,

CIMA CAPITAN, INC.


Hal C. Porter
Engineer

HCP:jb
Enc.





SCHEMATIC COMPLETION
GRABIDGE STATE #4

Room 21
1343

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR CIMA CAPITAN, INC. POOL ARTESIA
ADDRESS BOX 1343, Artesia, NM' MONTH OF March 1965, 19____
SCHEDULED TEST _____ COMPLETION TEST _____ SPECIAL TEST X (Check One)
(See Instructions on Reverse Side)

Lease	Well No.	Date of Test	Producing Method	Choke Size	Test Hours	Daily Allowable Bbls.	Production During Test			GOR Cu. Ft. Per Bbl.
							Water Bbls.	Oil Bbls.	Gas MCF	
Welch St.	1	1 Dec 64	P		24		0	$\frac{1}{2}$	Nil	Nil
Welch St.	1	4 Mar 65	P		24		10	8	Nil	Nil

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60 degrees F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission. In accordance with Rule 301 and Appropriate Pool Rules.

(I certify that the information given is true and complete to the best of my knowledge.)

Date 12 March 1965

CIMA CAPITAN, INC.

By 

ENGINEER

Title

WATER FLOOD ASSOCIATES, INC.

2211 CONTINENTAL NATIONAL BANK BUILDING
FORT WORTH 2, TEXAS

CURTIS MCBROOM
PRESIDENT

MARCH 18, 1965

105 MAR 22 1965
PHONE ED 6-2425

OIL CONSERVATION COMMISSION
P. O. Box 671
SANTA FE, NEW MEXICO

ATTENTION: MR. A. L. PORTER, JR.

GENTLEMEN:

WATER FLOOD ASSOCIATES, INC., AS OFFSET OPERATOR, HAS NO
OBJECTION TO THE PROPOSED CONVERSION OF CIMA CAPITAN, INC. - ADKINS-
WILLIAMS WELL No. 7, (SE/4 SE/4 17-18-28) TO WATER INJECTION.

VERY TRULY YOURS,

WATER FLOOD ASSOCIATES, INC.

BY:

Harry C. Sampsell
HARRY C. SAMPSELL
ENGINEER

HCS:BV

CC: MR. HAL PORTER
CIMA CAPITAN, INC.
310 BOOKER BLDG.
ARTESIA, NEW MEXICO

WATER FLOOD ASSOCIATES, INC.

2211 CONTINENTAL NATIONAL BANK BUILDING
FORT WORTH 2. TEXAS

CURTIS McBROOM
PRESIDENT

MARCH 25, 1965

PHONE ED 6-2425

OIL CONSERVATION COMMISSION
P. O. Box 871
SANTA FE, NEW MEXICO

ATTENTION: MR. A. L. PORTER, JR.

GENTLEMEN:

WATER FLOOD ASSOCIATES, INC., AS OFFSET OPERATOR, HAS
NO OBJECTION TO THE PROPOSED CONVERSION OF CIMA-CAPITAN, INC.-
GRARIDGE STATE NO. 4 WELL, NW SW 17-18-28, TO WATER INJECTION.

VERY SINCERELY YOURS,

WATER FLOOD ASSOCIATES, INC.

BY:

Harry C. Sampsell
HARRY C. SAMPSELL

HCS:BV

CC: MR. HAL PORTER
CIMA CAPITAN, INC.
310 BOOKER BLDG.
ARTESIA, NEW MEXICO



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

March 31, 1965

ADDRESS CORRESPONDENCE TO:
STATE CAPITOL
SANTA FE, N. M.

Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
Santa Fe, New Mexico

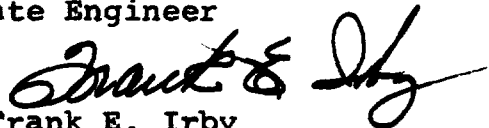
Dear Mr. Porter:

Reference is made to the application of Cima Capitan, Inc., which seeks administrative approval for the conversion of their Graridge State Well No. 4 from oil production to water injection, dated March 16, 1965 and received March 22, 1965.

Referring to the second paragraph of the application, this office offers no objection to the granting of the application, provided new 4½ inch casing is set at the bottom of the hole and is adequately cemented from top to bottom.

Yours truly,

S. E. Reynolds
State Engineer

By: 
Frank E. Irby
Chief
Water Rights Div.

FEI/ma
cc-Cima Capitan, Inc.
F. M. Hennighausen