

cima **CAPITAN** incorporated

(N.S.L.)

310 BOOKER BUILDING
POST OFFICE DRAWER 1343

ARTESIA, NEW MEXICO

AREA CODE 505
TELEPHONE 748-1177

February 24, 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 Adkins-Williams Well No. 7 from a producer to a water injection well. The well is located 990' from the east and 330' from the south lines of Section 17, T18S, R28E. This well was previously approved for injection; however, we have delayed until this time to convert it.

This well is offset by a well which has responded to the flood, Adkins-Williams No. 2. A form C-116 is attached showing this response. Also enclosed are the following:

1. A plat showing our injection wells and producers.
2. A diagrammatic sketch of the completion of the subject well.

Injection was authorized by Order No. R-2395, Case No. 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 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 let us know if further information is necessary.

Very truly yours,

CIMA CAPITAN, INC.



Hal Porter
Engineer

Enc.

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR CIMA CAPITAN, INC. POOL ARTESIA,
 ADDRESS Box 1343, Artesia, NM MONTH OF MARCH, 1964
 SCHEDULED TEST..... COMPLETION TEST..... SPECIAL TEST (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	
<u>Adkins Williams</u>	2	2-14	P		24		8	42	Nil	Nil
	2	Nov 1964	P		24		0	2	Nil	Nil
Test for the purpose of showing response to water injection.										

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.
 Company
 By [Signature]
 Engineer
 Title

February 24, 1965

25 FEB 22 1965

Water Flood Associates, Inc.
Continental Bank Building
Fort Worth, Texas

International Oil & Gas Corporation
First National Bank Building
Artesia, New Mexico

Gentlemen:

We have made application for administrative approval to convert our Adkins-Williams Well No. 7 (SE/4 SE/4 Section 17, T18S, R28E) to water injection.

If you have no objection to this, we would appreciate a letter from you to Mr. Porter, Oil Conservation Commission to that effect.

Very truly yours,

CIMA CAPITAN, INC.



Hal Porter
Engineer

February 24, 1965

55 MAR 22

New Mexico State Engineer
P. O. Box 1079
Santa Fe, New Mexico

Attention: Mr. Frank Irby

Dear Mr. Irby:

I am enclosing a copy of our application to the Oil Conservation Commission for administrative approval to convert our Adkins-Williams Well No. 7 to water injection. I am attaching a schematic drawing of the completion of this well which should contain all the necessary data.

This well is located outside the water basin and no potable water is present in the area.

We would like to inject down the casing with no tubing or packer. The maximum pressure on our wells is only 950 psi. The casing in this well is new and tested to 3000 psi. Any shallow water is amply protected by casing and cement. If you insist we will, of course, run tubing and a packer; however, we feel that it is not warranted.

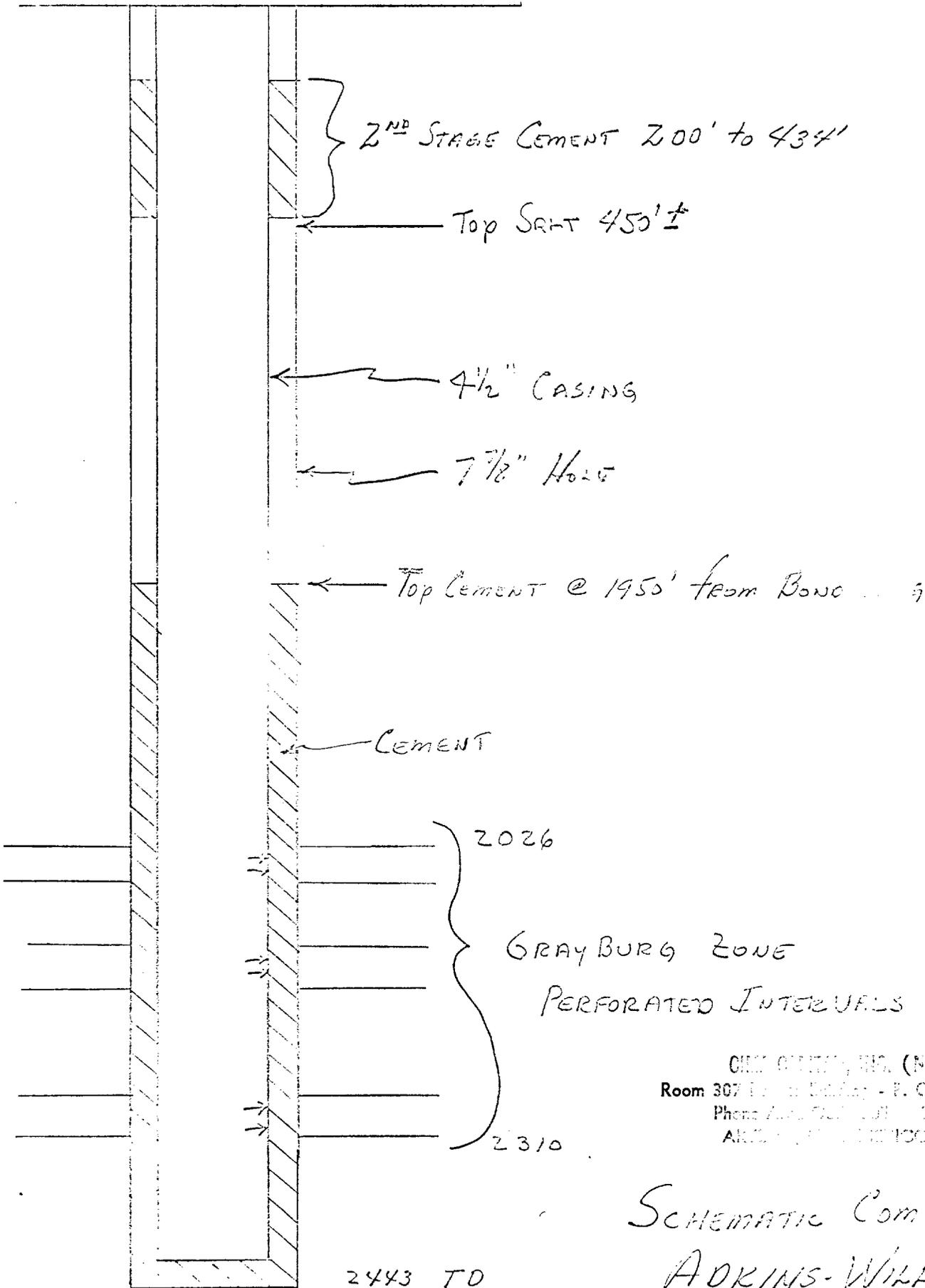
If there is any further information which you may require, please call me at 746-9867 in Artesia.

Very truly yours,

CIMA CAPITAN, INC.


Hal Porter

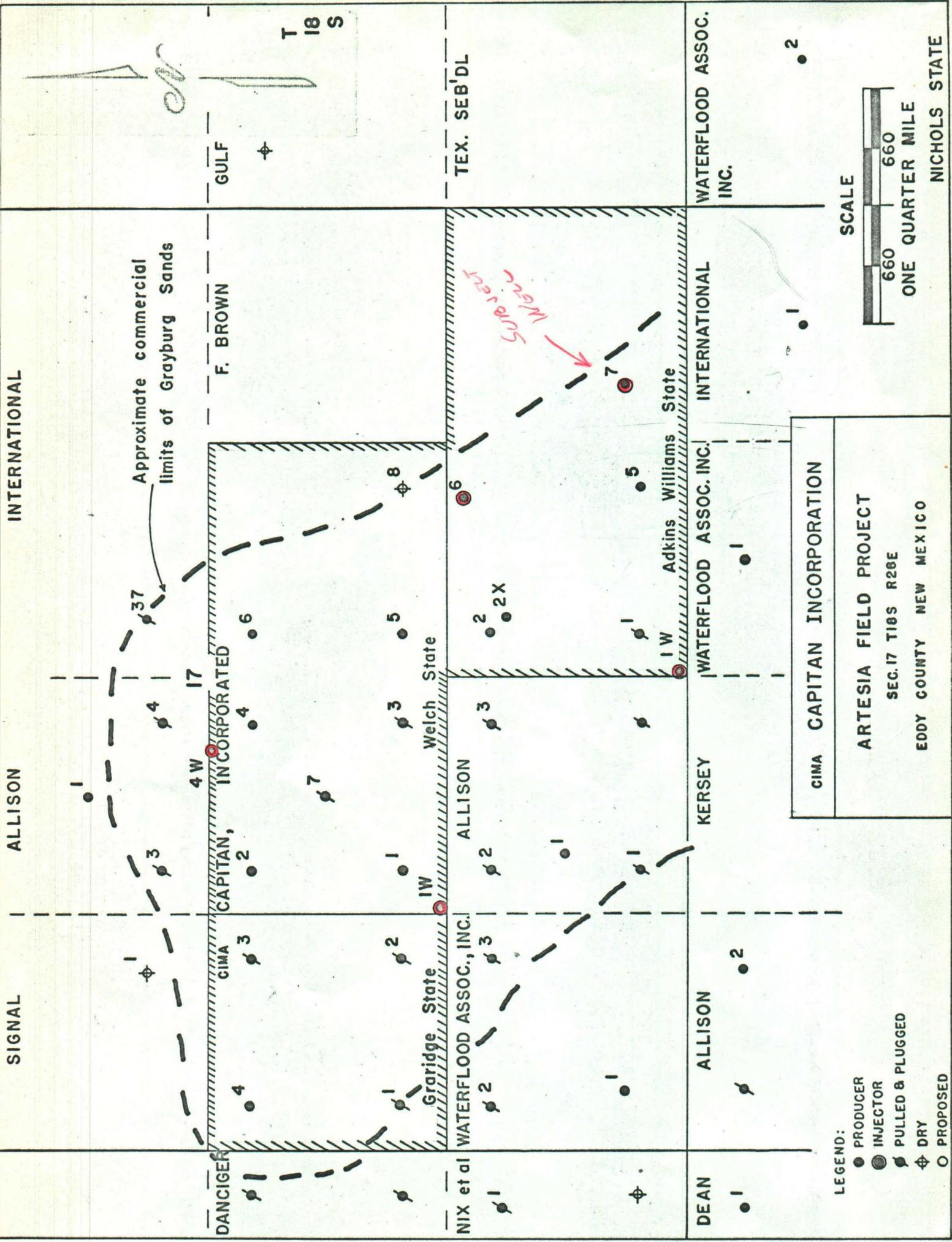
Enc.



CHIEF ENGINEER, INC. (N.S.L.)
 Room 307
 Phone 243-1177
 ADDRESS: 1000 1000 1000

SCHEMATIC COMPLETION
 ADKINS-WILLIAMS 7

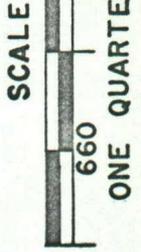
N-28-E



- LEGEND:
- PRODUCER
 - INJECTOR
 - ⊕ PULLED & PLUGGED
 - ⊕ DRY
 - PROPOSED

CIMA CAPITAN INCORPORATION

ARTESIA FIELD PROJECT
SEC. 17 T18S R28E
EDDY COUNTY NEW MEXICO



NICHOLS STATE



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.

W.R. - 2081

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

*How far
from Santa Fe*

Dear Mr. Porter:

Reference is made to the application of Cima Capitan, Inc., which seeks approval for the conversion of their Adkins-Williams Well No. 7 from oil producing to water injection, dated February 24, 1965 and received March 16, 1965.

Conditions of approval for this well were set up in your letter of April 3, 1964 in acting on a previous application for conversion.

In view of memorandum report of R. B. Collins dated April 2, 1964 concerning the quantity and quality of shallow waters in this area and in view of the indicated cementing program on Cima Capitan's schematic drawing of this well, it is my opinion that that shallow waters would not be adequately protected unless injection is through tubing under a packer set well below the top of the cement, which is indicated to be at 1950 feet from a bond log.

Yours truly,

FEI/ma
cc-Cima Capitan, Inc.
F. H. Mennighausen

S. E. Reynolds
State Engineer

By: *Frank E. Irby*
Frank E. Irby
Chief
Water Rights Div.