

Log in - assign WFX # 9



due 4/25/58

R. C. TUCKER, PRES.

April 9, 1959

PHONE MU 2-5241
ADDRESS REPLY TO:
BOX 1659
MIDLAND, TEXAS

Oil Conservation Commission
Mabry Building
Santa Fe, New Mexico

RE: Application for Administrative Approval for Conversion
of a Unit Well to a Water Injection Well, North Central
Caprock Queen Unit, Lea and Chaves Counties, New Mexico

Gentlemen:

As provided in the Oil Conservation Commission Order No. R-1311,
Great Western Drilling Company, as Operator of the North Central
Caprock Queen Unit, requests administrative approval for the con-
version of the following Unit Well to a Water Injection Well:

<u>Unit Well No.</u>	<u>Location</u>
13-2	NW/4 NE/4, Section 13, T-13-S, R-31-E

Great Western Drilling Company, as Operator, of the North Central
Caprock Queen Unit, has been notified by Ambassador Oil Corpora-
tion that the North Caprock Queen Unit No. 2 Unit Well No. 22-1,
located in the SW/4 SE/4, Section 12, T-13-S, R-31-E, has had a
water flood response as evidenced by a copy of Ambassador's Form
C-116 for the month of March 1959. The stimulated Well No. 22-1
is directly offset by the proposed injection Well No. 13-2.
Therefore, as provided in Order No. R-1311, Great Western Drilling
Company applies for the expansion of the North Central Caprock
Queen Unit by reason of the conversion of Unit Well No. 13-2.

We respectfully submit that the ultimate recoverable oil from the
Caprock Queen reservoir will be decreased and waste will occur
due to an unbalanced condition in the pattern flooding system if
Unit Well No. 13-2 is not converted to a Water Injection Well at
this time.



Oil Conservation Commission
Nabry Building
Santa Fe, New Mexico

Page No. 2

RE: Application for Administrative Approval for Conversion
of a Unit Well to a Water Injection Well, North Central
Caprock Queen Unit, Lea and Chaves Counties, New Mexico

There are attached copies of the Ambassador Oil Company's Form
C-112, showing stimulation and a plat of the area showing all
producing wells, water injection wells, and proposed water
injection well; and, further, showing all offset Operators.

Waivers from offset Operators are being requested at this time
and these waivers will be forwarded to the Commission at such
time as they are executed so as to decrease the required 15
day inter- period set up by Commission order for administra-
tive expansion.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

M. B. Wilson

M. B. WILSON
Vice President Production

WBA/sls
Enclosures:

cc: Mr. S. E. Reynolds, State Engineer ✓
Nabry Building
Santa Fe, New Mexico

Granridge Corporation ✓
P. O. Box 752
Breckenridge, Texas

Ambassador Oil Corporation ✓
P. O. Box 9833
Fort Worth, Texas

Gulf Oil Corporation
P. O. Box 952
Roswell, New Mexico

*Waived - dated
rec'd. 4/16/59*

NEW MEXICO OIL CONSERVATION COMMISSION

C O P Y

GAS-OIL RATIO REPORT

OPERATOR... Ambassador Oil Corporation... POOL... Caprock Queen
 ADDRESS... 3109 Winthrop Ave., Ft. Worth. MONTH OF... March... 1959
 SCHEDULED TEST..... COMPLETION TEST..... SPECIAL TEST..... X..... (Check One)

(See Instructions on Reverse Side)

Below listed (3) three wells are included in the waterflood being carried out on the North Caprock Queen Sand Unit #2, Lea & Chaves Counties, N. M.

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	
North Caprock Queen Sand Unit #2	18-2	3-6	P	-	24	25*	0	41	-	TSTM
	19-1	3-5	P	-	24	40*	0	96	-	TSTM
	22-1	3-4	P	-	24	3	0	9	-	TSTM

*O.C.C. Emergency Order No. E-15 granted temporary capacity allowable to these wells until March 11, 1959.

(All above (3) three wells were producing approximately one to two barrels oil per day prior to the waterflood program).

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.

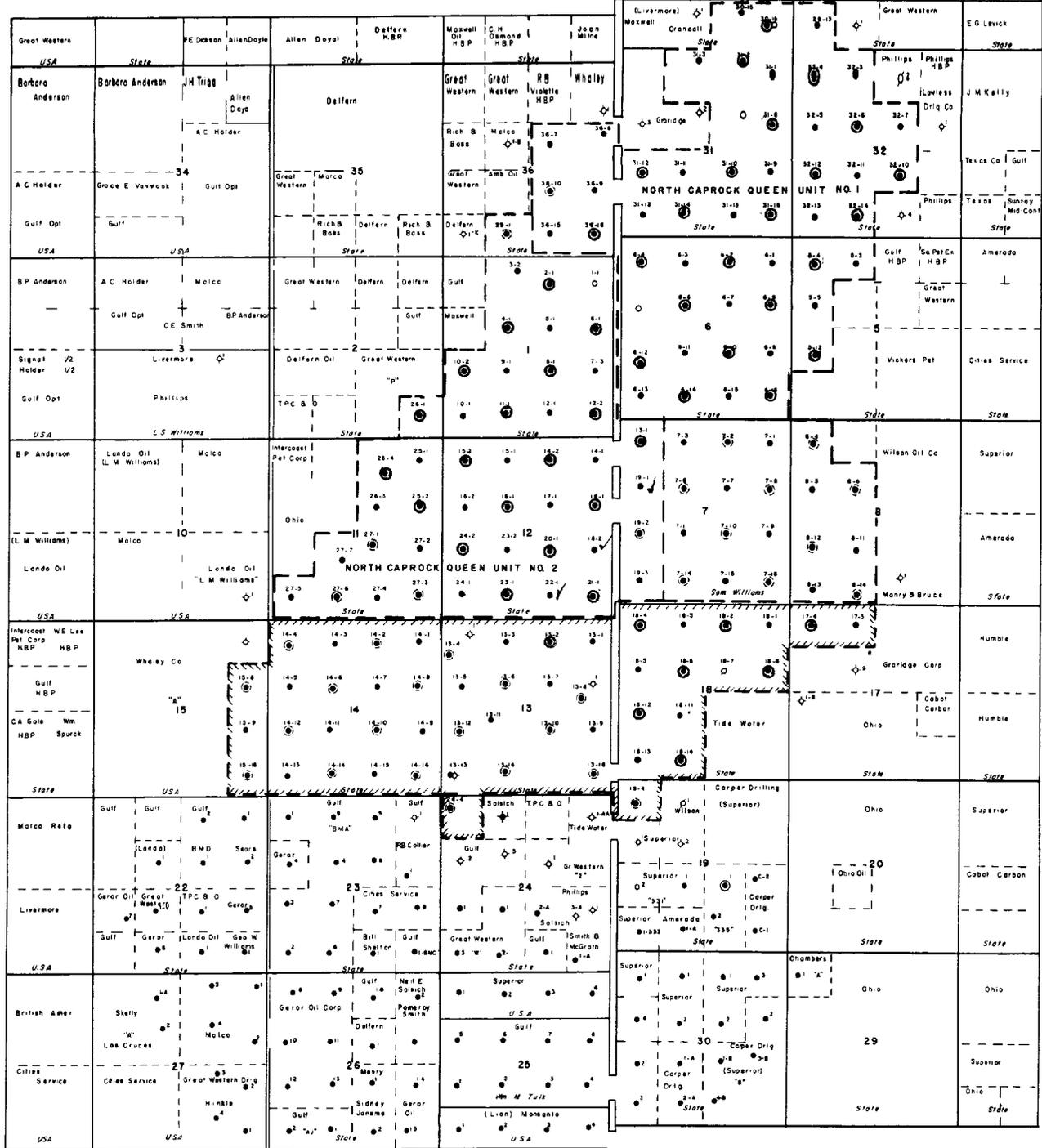
(I certify that the information given is true and complete to the best of my knowledge.)

Date... March 9, 1959

AMBASSADOR OIL CORPORATION
Company

By... Robert H. Vick

Manager of Engineering
Title



T-12-S

T-13-S

NORTH CENTRAL CAPROCK QUEEN UNIT

OPERATED BY
GREAT WESTERN DRILLING COMPANY

CAPROCK QUEEN POOL

LEA AND CHAVES COUNTIES, NEW MEXICO



LEGEND

- Producer
- Injection well
- ⊗ Proposed injection well
- ◇ Dry hole



NOTED - 9

R. C. TUCKER, PRES.

April 21, 1959

PHONE MU 2-5241
ADDRESS REPLY TO:
BOX 1659
MIDLAND, TEXAS

Oil Conservation Commission
Mabry Building
Santa Fe, New Mexico

Attention: Mr. Dan Nutter

Gentlemen:

We attach herewith waivers to the expansion of the North Central Caprock Queen Unit operations by reason of the conversion of Unit Well No. 13-2 to a water injection well.

Gulf Oil Corporation has previously mailed a waiver to you expressing no objection to the proposed expansion.

We respectfully request your early action on the proposed expansion of the North Central Caprock Queen Unit operations.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

M. B. WILSON,
Vice President Production

MBW/mls

Attachments:



GREAT WESTERN DRILLING CO.
MIDLAND, TEXAS

April 9, 1959

Graridge Corporation
P. O. Box 752
Breckenridge, Texas

Gentlemen:

We have requested expansion of the North Central Caprock Queen Unit under the system for administrative approval as set forth in Oil Conservation Commission Order No. R-1311. A copy of our letter requesting expansion is attached herewith.

If you have no objection to the application for expansion, please signify by signing and returning one copy of this letter to this office.

Yours very truly,

GREAT WESTERN DRILLING COMPANY



M. B. WILSON
Vice President Production

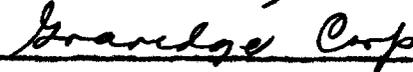
MBW/mls
Enclosures:

We have no objection to the expansion of the North Central Caprock Queen Unit operations by reason of the conversion of Unit Well No. 18-2 (NW/4 NE/4, Section 18, T-18-S, R-31-E) as applied for in your letter dated April 9, 1959.

SIGNED:



FOR:



DATE:

4-10-59



PETROLEUM AND ITS PRODUCTS

ROSWELL DISTRICT

W. A. SHELLSHEAR
District Manager

E. S. GREAR
District Exploration Manager

M. I. TAYLOR
District Production Manager

G. A. PRICE
District Services Manager

GULF OIL CORPORATION

P. O. DRAWER 669 — ROSWELL, NEW MEXICO

April 14, 1959

Waiver
FORT WORTH
PRODUCTION DIVISION

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

This is to advise that Gulf Oil Corporation has been given due notice that Great Western Drilling Company, as Operator of the North Central Caprock Queen Unit, has made application for administrative approval to expand the North Central Caprock Queen Unit by the conversion of Unit Well No. 13-2 to a Water Injection Well. We hereby waive any objection to the granting of this application for the proposed Water Injection Well at the following location:

Unit Well No. 13-2, located
in the NW/4 of the NE/4 of
Section 13, Township 13 South,
Range 31 East, Chaves County,
New Mexico.

Executed this 14th day of April, 1959.

Yours very truly,

W. A. Shellshear

W. A. SHELLSHEAR



4
3
R. C. TUCKER, PRES.

April 9, 1959

PHONE MU 2-5241
ADDRESS REPLY TO:
BOX 1659
MIDLAND, TEXAS

✓
Ambassador Oil Corporation
P. O. Box 752
Fort Worth, Texas

Gentlemen:

We have requested expansion of the North Central Caprock Queen Unit under the system for administrative approval as set forth in Oil Conservation Commission Order No. R-1311. A copy of our letter requesting expansion is attached herewith.

If you have no objection to the application for expansion, please signify by signing and returning one copy of this letter to this office.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

M. B. Wilson

M. B. WILSON
Vice President Production

MBW/mls
Enclosures:

We have no objection to the expansion of the North Central Caprock Queen Unit operations by reason of the conversion of Unit Well No. 13-2 (NW/4 NE/4, Section 13, T-13-S, R-01-E) as applied for in your letter dated April 9, 1959.

SIGNED: *C. Harrison Cooper*
C. Harrison Cooper
Executive Vice President

FOR:

DATE: April 14, 1959





*Great Western
SWDX*

STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

ADDRESS CORRESPONDENCE TO:
P. O. BOX 1079
SANTA FE, N. M.

April 27, 1959

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

Dear Mr. Porter:

Reference is made to Great Western Drilling Company's application for administrative approval for conversion of a unit well to a water injection well, North Central Caprock Queen Unit, Lea & Chaves Counties, New Mexico, dated April 9, 1959.

This office offers no objection to the granting of this application, provided the injection and production wells are cased in a manner which will prevent commingling of the fluids in these wells with the fresh waters encountered in the area.

Yours truly,

S. E. Reynolds
State Engineer

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

FEI/ma
cc-Great Western Drilling Co.