

GRARIDGE CORPORATION

MAIN OFFICE BUILDING

POST OFFICE BOX 732

BRECKENRIDGE, TEXAS

1959 JUN 20

AM 8:24

June 26, 1959

WFX-12

Oil Conservation Commission
State of New Mexico
State Capitol Building
Santa Fe, New Mexico

Re: Expansion of Caprock Queen
Unit No. 1 to include in-
jection well no. 7-14 located
in SE/4, SW/4, Sec. 7, T-13S, R-32E
Lea County, New Mexico

Dear Sirs:

We have been informed by Great Western Drilling Company by letter and by the attached Form C-115 and Form C-116 that North Central Caprock Queen Unit Well No. 18-3, located in NE/4 of NW/4 of Section 18, T-13S, R-32E, Lea County, New Mexico (See Attached Plat), has experienced an increase in oil production as a result of the water injection program being conducted in this Unit.

In order that Caprock Queen Unit No. 1 may cooperate with North Central Caprock Queen Unit in preserving equities and correlative rights across lease lines and to prevent, in as much as is possible, the loss of ultimate oil production which would result in waste, Graridge Corporation respectfully requests that the Oil Conservation Commission approve converting Well No. 7-14 to a water injection well as provided for by the Administrative Approval System set out in Commission Order No. R-972-B.

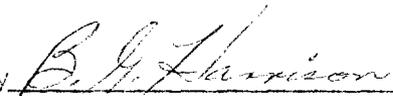
A waiver of objection to this expansion from Great Western Drilling Company is included with this request. A waiver form is being sent to Ambassador Oil Corporation with a copy of this application in order that we may expedite placing this well on injection. This waiver will be forwarded to you as soon as it is received.

June 26, 1959

The securing of these waivers should eliminate the necessity for the fifteen (15) day waiting period provided for in Order No. R-972-B.

Yours very truly,

GRARIDGE CORPORATION

By 
B. G. Harrison
Manager of Secondary
Recovery

BGH:gl

Attachment

cc: Ambassador Oil Corporation
Great Western Drilling Company
State Engineers Office
Mr. Cliff Chapman
Graham

NEW MEXICO OIL CONSERVATION COMMISSION

MAIN OFFICE 000
GAS-OIL RATIO REPORT

1959 JUN 23 AM 8:24

OPERATOR Great Western Drilling Company POOL Caprock Queen
 ADDRESS Box 1659, Midland, Texas MONTH OF June, 1959
 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	
North Central Caprock Queen Unit Tract 2	18-3	6-11	Pump		24	4	0	20	TSTM	TSTM
This well has increased in production gradually since June 1st.										

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 June 1959

Great Western Drilling Company
Company

By O.H. Crews (O.H. Crews)

General Superintendent
Title

Production by Wells
 Supplement Form C-115
 May, 1959

Tract No.	Well No.	Unit	Location			Oil Allowable	Oil Production	Water Production	Days Produced	Status
			Sec.	Twp.	Rge.					
1	17-3	C	17	13	32	124	54	0	20	P
	17-4	D	17	13	32	0	0	0		Input
2	18-4	D	18	13	32	0	0	0		Input
	18-1	A	18	13	32	93	57	0	31	P
	18-2	B	18	13	32	0	0	0		Input
	18-8	H	18	13	32	0	0	0		Input
	18-3	C	18	13	32	124	239	0	31	P
	18-5	E	18	13	32	93	65	0	31	P
3	18-6	F	18	13	32	93	0	0		Input
	18-11	K	18	13	32	186	108	0	31	P
4	18-14	N	18	13	32	93	0	0		Input
	13-8	H	13	13	31	124	149	6	31	P
5	18-12	L	18	13	32	0	0	0		Input
	18-13	M	18	13	32	124	36	0	30	P
6	13-9	I	13	13	31	93	1	0	8	P
	13-2	B	13	13	31	93	0	0		Input
7	13-7	G	13	13	31	124	44	0	14	P
	13-3	C	13	13	31	155	61	2	26	P
9	13-1	A	13	13	31	93	84	0	31	P
10	13-5	E	13	13	31	93	11	0	2	P
11	13-16	F	13	13	31	775	161	5	30	P
12	13-11	K	13	13	31	155	76	5	31	P
	13-12	L	13	13	31	93	76	2	31	P
	13-10	J	13	13	31	62	75	3	31	P
14	13-6	F	13	13	31	124	18	0	17	P
15	13-4	D	13	13	31	620	243	36	28	P
16	19-4	D	19	13	32	372	181	9	20	P
19	14-1	A	14	13	31	93	259	0	31	P
	14-7	G	14	13	31	713	439	0	31	P
	14-8	H	14	13	31	155	270	0	31	P
			TOTAL			4867	2707	78		

June 16, 1959

Graridge Corporation
P. O. Box 752
Breckenridge, Texas

Attention: Mr. Tom Ford

Gentlemen:

Great Western Drilling Company, as Operator of the North Central Caprock Queen Unit and as an offset Operator to the North Caprock Queen Unit No. 1, hereby notifies you that we have no objection to the conversion of your North Caprock Queen Unit No. 1 Well No. 7-14 to a water injection well.

Yours very truly,

GREAT WESTERN DRILLING COMPANY



M. B. WILSON
Vice President Production

MBW/mls

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

GRARIDGE CORPORATION
1877 BUILDING POST OFFICE BOX 752
BRECKENRIDGE, TEXAS
1959 JUL 5 AM 8:18

July 3, 1959

Oil Conservation Commission
State of New Mexico
State Capitol Building
Santa Fe, New Mexico

Gentlemen:

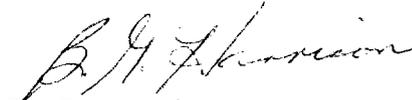
Attached please find a waiver from Ambassador Oil Corporation relative to the expansion of Caprock Queen Unit No. 1 to include unit well no. 7-14 as a water injection well.

The waiver from the other offset operator, Great Western Drilling Company, has been filed with the Commission along with the application for expansion.

All efforts by the Commission in expediting approval of this application will be greatly appreciated.

Yours very truly,

GRARIDGE CORPORATION



B. G. Harrison
Manager of Secondary Recovery

BGH:gl

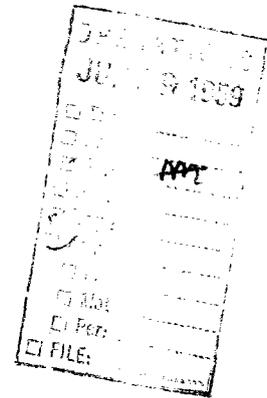
Attachment

GRARIDGE CORPORATION

AREA BUILDING POST OFFICE BOX 752
BRECKENRIDGE, TEXAS

MAIN OFFICE OCC

1959 JUL 5 AM 8:18
June 26, 1959



Ambassador Oil Corporation
P. O. Box 9338
Fort Worth 7, Texas

ATTENTION: Mr. R. H. Vick

Gentlemen:

It is the desire of Graridge Corporation to expand the water injection program in the North Caprock Queen Unit No. 1 in Lea and Chaves Counties, New Mexico. The expansion is to include Unit Well No. 7-14 located in NE/4 of NW/4 of Section 18, T-13S, R-32E, Lea County, New Mexico.

A fifteen-day waiting period is set up by the Commission unless waivers are obtained from all operators offsetting the proposed expansion.

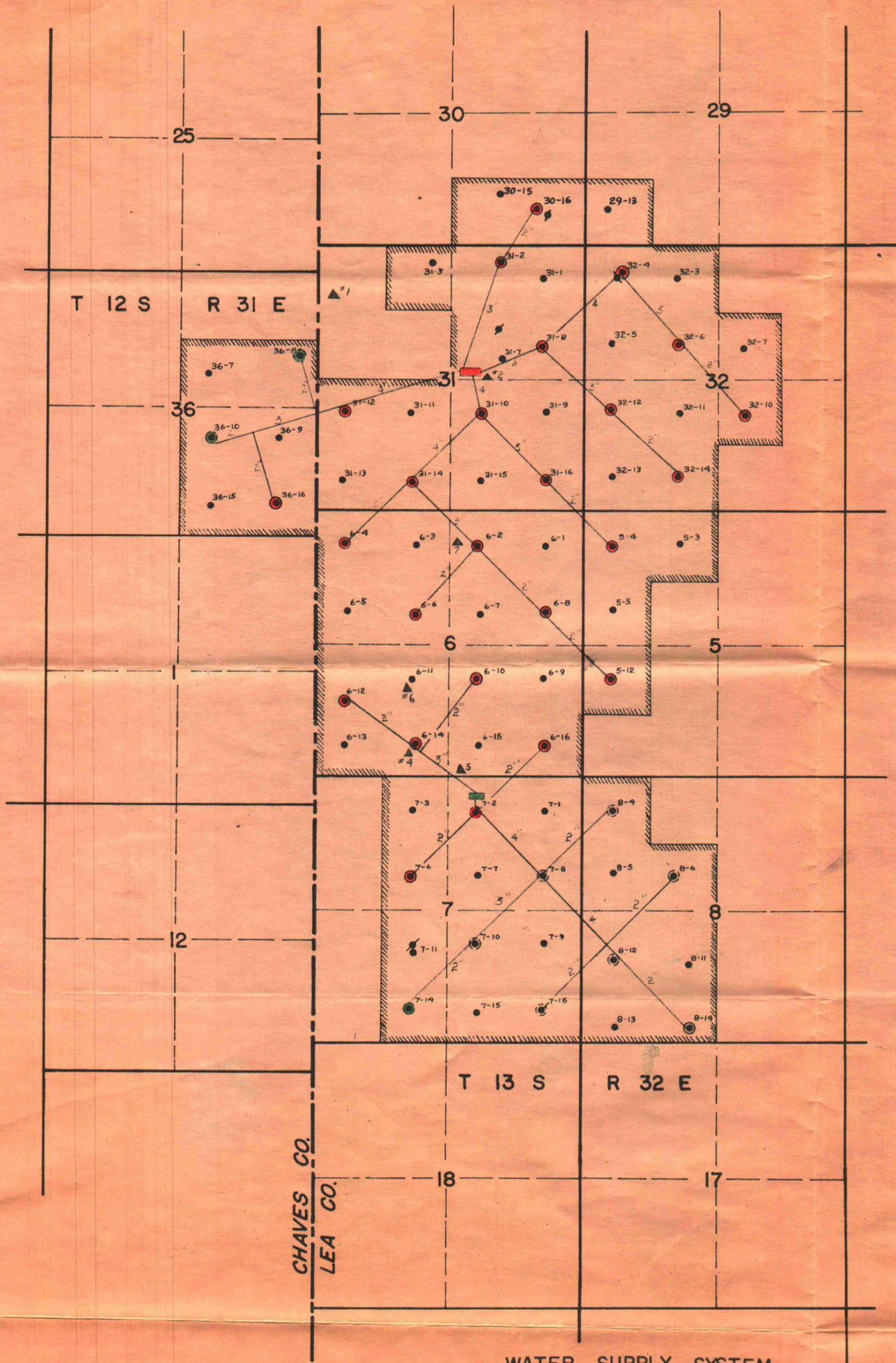
In order to expedite matters, please sign and return one copy of this letter to this office if your company has no objection to the proposed expansion.

Yours very truly,

GRARIDGE CORPORATION

By B. G. Harrison
B. G. Harrison
Manager of Secondary
Recovery

SIGNED BY: Robert H. Vick
FOR Ambassador Oil Corp.



WATER SUPPLY SYSTEM

LEGEND

- Water Plant
- ▲ Water Supply Well

**NORTH CAPROCK QUEEN
UNIT NO. 1
CHAVES & LEA COUNTIES, NEW MEX.
SCALE: 1" = 2000'**



OFFICE OCC

OFFICE OCC

STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

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

S. E. REYNOLDS
STATE ENGINEER

July 8, 1959

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

Dear Mr. Porter:

Reference is made to the application of Graridge Corporation dated June 26, 1959 pertaining to the conversion of well 7-14 in the Caprock Queen Unit No. 1.

It has been estimated by this office that there is only a single casing wall protecting the zone between 296 feet and 570 feet.

This office will offer no objection to the conversion of this well, provided injection is made through tubing and packer with packer set at 625 feet or deeper.

Yours truly,

S. E. Reynolds
State Engineer

By:

D. E. Gray
D. E. Gray
Engineer

Water Rights Division

DEG/ma
cc-Graridge Corp.
F. H. Hennighausen

MAIN OFFICE OCC



1959 JUL 28 AM 8:10

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.

July 27, 1959

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

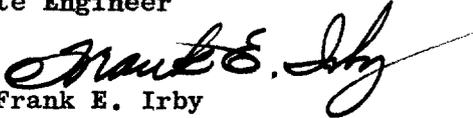
Dear Mr. Porter:

Reference is made to the application of Graridge Corporation dated June 26, 1959 pertaining to the conversion of well 7-14 in the Caprock Queen Unit No. 1, to my letter of July 8, 1959 addressed to you on the above subject, and to the letter and enclosed map from Graridge Corporation dated July 24, 1959 which also pertains to the above subject.

After consideration of the statements in the letter of July 24, 1959 and the general layout shown on the enclosed map, the State Engineer offers no objection to the granting of the subject application of Graridge Corporation.

Yours truly,

S. E. Reynolds
State Engineer

By: 
Frank E. Irby
Chief
Water Rights Div.

FEI/ma
cc=B. G. Harrison
F. H. Hennighausen