MAIN OFFICE OCC

AMBASSADOR OIL CORPORATION
P.O. BOX 9338
FORT WORTH, TEXAS

1958 JUL 30 PM 1:13

Ola — make WFX-13 Rec and add file July 23

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

Re: Application for Administrative Approval for Conversion of (3) Unit Wells to Water Injection Wells. North Caprock Queen Unit #2, Lea and Chaves Counties, New Mexico.

Gentlemen:

By direction of Commission Order No. R-1053-B, issued July 28, 1958, Ambassador Oil Corporation, as operator of the North Caprock Sand Unit No. 2, requests administrative approval for the conversion of the following unit wells to water injection wells:

Unit No.	Location		
27-1	NW/4 SE/4 Sec. 11	T-13-S	R-31-E
27-3	SE/4 SE/4 Sec. 11	T-13-S	R-31-E
29-1	SE/4 SW/4 Sec. 36	T-12-S	R-31-E

As evidenced by the enclosed copies of the New Mexico Oil Conservation Form C-116, flood response has been experienced in four additional wells offsetting the previously developed area. Each of these producing wells is a direct offset to one or more proposed injection wells. Therefore, as provided in your Order No. R-1053-B, Ambassador Oil Corporation applies for expansion of the North Caprock Queen Sand Unit No. 2 by reason of the conversion of the above mentioned wells to water injection status.

It is our conviction that the ultimate recovery of oil from the Caprock Queen reservoir will be decreased as a direct result of an unbalanced condition in the pattern flooding operation if these wells are not placed on injection status in the immediate future. A copy of the monthly performance data for Unit No. 2, showing daily and cumulative figures on water injection and oil production, is attached.

The attached plat shows all surrounding offset operators and nearest water injection wells as per instructions of Commission Order R-1053-B. The wells proposed to be converted are outlined in red.

Waivers from all offset operators have been requested and will be forwarded to the Commission at such time as they are executed, thereby decreasing, if possible, the fifteen day interim period set up in the Commission Order for administrative approval.

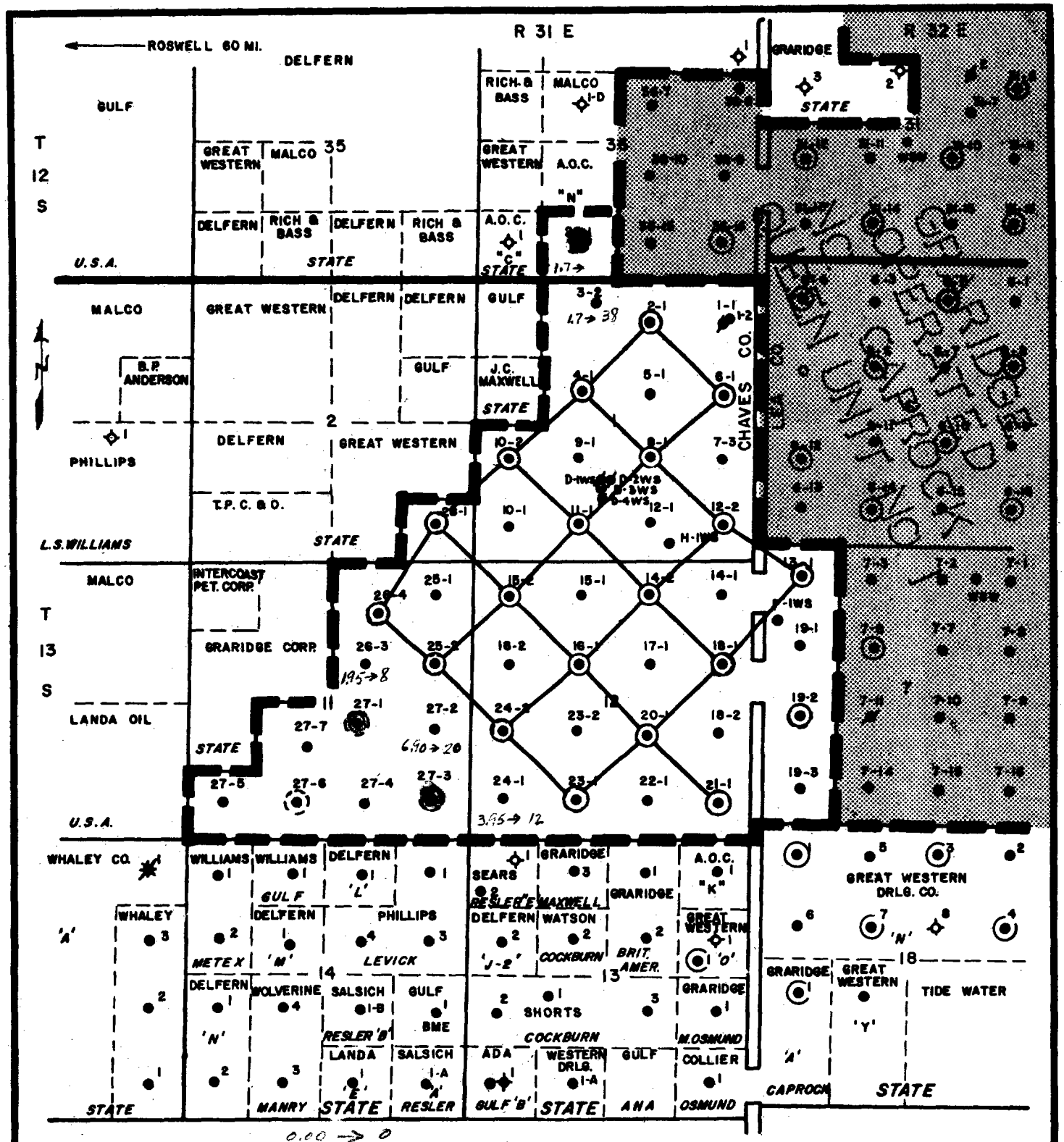
Yours very truly,

AMBASSADOR OIL CORPORATION

Carl A. Westerman

Carl A. Westerman
Petroleum Engineer
Secondary Operations

CAW/es


ROSWELL 60 MI.
R 31 E
R 32 E
T 12 S
T 13 S
DELFERN
GULF
RICH & BASS
MALCO
GRARIDGE
STATE
GREAT WESTERN
A.O.C.
U.S.A.
B.P. ANDERSON
J.C. MAXWELL
PHILLIPS
T.P.C. & O.
L.S. WILLIAMS
INTERCOAST PET. CORP.
GRARIDGE CORP.
LANDA OIL
CHAVES CO.
WHALEY CO.
WHALEY
METEX
LEVICK
WOLVERINE
SALSICH
BME
SHORTS
COCKBURN
WATSON
BRIT. AMER.
M. OSMUND
COLLIER
LANDA
ADA
WESTERN DRLG.
ANA
OSMUND
MANRY
RESLER
GULF 'B'
CAPROCK
TIDE WATER
GREAT WESTERN DRLG. CO.
AMBASSADOR OPERATED
NORTH CAPROCK QUEEN UNIT NO. 2-FLOOD NO. 27
CAPROCK QUEEN POOL, LEA AND
CHAVES COUNTIES, NEW MEXICO.
LEGEND
PRODUCING WELLS
INJECTION WELL
PROPOSED INJECTION WELL
SCALE
0
1/2 MI.
1 MI.
C.B.M. 7-15-58
G.R. 11-25-58

AMBASSADOR OIL CORPORATION
MONTHLY FLOOD PERFORMANCE REPORT
MAY, 1959

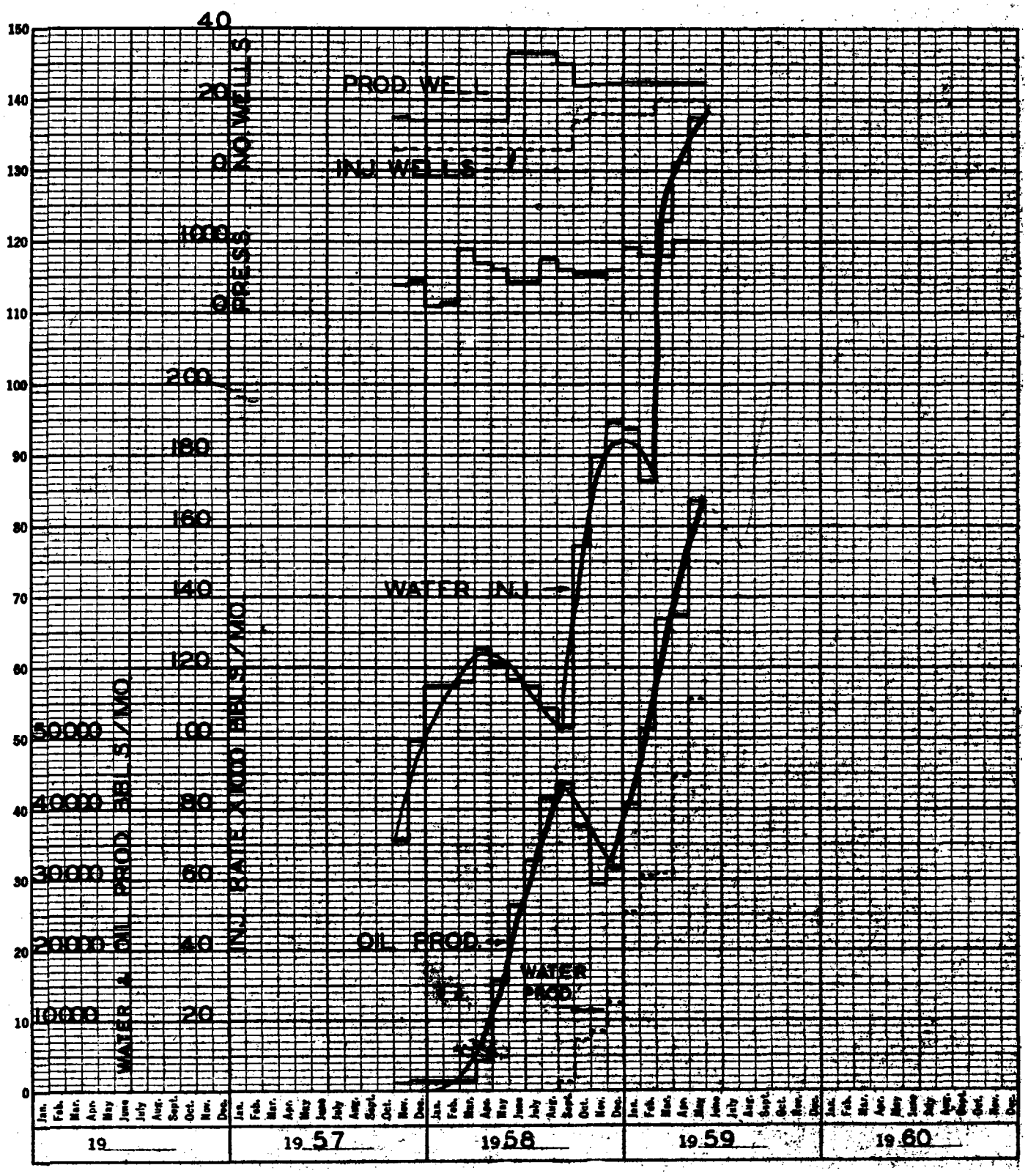
FLOOD No. 27 FLOOD NAME NORTH CAPROCK QUEEN UNIT No. 2

LEASE: ALL

EFFECTIVE DATE OF FLOOD: 1 NOVEMBER, 1957

WATER INJECTION (BARRELS)					PRODUCTION				
WELL No.	MONTHLY	DAILY AVERAGE	MAX. PRESS.	CUMULATIVE	WELL No.	MONTHLY OIL	MONTHLY WATER	CUMULATIVE OIL	CUMULATIVE WATER
2-1	18,241	588	500	55,821	1-1	P.P.A.			
4-1	5,313	171	1,000	27,866	1-2	54	0	104	0
6-1	15,923	513	950	103,282	3-2	123	0	229	0
8-1	S.I.W.D.			307,780	5-1	3,755	0	13,264	0
10-2	1,800	58	1,000	12,733	7-3	8,015	4,025	66,391	22,155
11-1	21,031	678	440	375,737	9-1	1,967	0	22,243	0
12-2	15,975	515	VAC.	346,837	10-1	7,263	8,686	64,398	41,299
13-1	19,961	644	740	143,692	12-1	2,702	11,515	99,580	76,693
14-2	14,178	586	500	346,442	14-2	8,489	11,050	84,575	17,818
15-2	16,058	518	1,000	336,728	15-1	2,300	5,570	45,272	20,021
16-1	12,042	388	950	178,383	16-2	593	12,864	27,273	43,631
18-1	17,294	558	VAC.	137,360	17-1	18,389	0	70,043	0
19-2	20,172	651	440	56,457	18-2	2,339	0	6,960	0
20-1	19,505	629	820	139,157	19-1	15,452	0	29,564	0
21-1	18,507	597	900	39,950	19-3	153	0	3,035	0
23-1	20,121	649	VAC.	43,964	22-1	1,072	0	1,984	0
24-2	8,349	269	900	52,581	23-2	8,326	0	23,527	0
25-2	2,899	93	1,000	19,656	24-1	31	0	771	0
26-4	4,970	160	1,000	26,083	25-1	1,643	2,236	13,812	7,864
28-1	19,414	626	500	140,154	26-3	62	0	927	0
					27-1	124	0	2,766	0
					27-2	180	0	3,574	0
					27-3	S.I.		0	0
					27-4	124	0	2,936	0
					27-5	44	0	982	0
					27-6	22	0	2,179	0
					27-7	62	0	2,532	0
					29-1	T.A.		0	0
TOT.	275,753			2,889,685		83,676	55,946	581,811	217,874

FLOOD Nº 27 CAPROCK
CHAVES & LEA CO. NEW MEXICO



RATE CURVE

Form C- 116
Revised (12/1/55

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR Ambassador Oil Corporation POOL Caprock Queen

ADDRESS P.O. Box 9338, Fort Worth, Texas MONTH OF February, 19 59

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	
North Caprock Queen Sand Unit 2										
	3-2	Feb'59	P	--	24 Hr	5	0	1.7	TSTM	Nil
	24-1	"	"	--	"	2	0	3.95	"	"
	26-3	"	"	--	"	3	0	1.95	"	"
	27-2	"	"	--	"	12	0	6.90	"	"

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 July 7, 1959

Ambassador Oil Corporation
Company

By Carl A. Westerman

Carl A. Westerman
Petroleum Engineer
Title

Form C- 116
Revised (12/1/55

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR Ambassador Oil Corporation POOL Caprock Queen

ADDRESS P.O. Box 9338, Fort Worth, Texas MONTH OF June, 19 59

SCHEDULED TEST -- COMPLETION TEST -- SPECIAL TEST X (Check One)

(See Instructions on Reverse Side)

North Caprock Queen Unit #2
These tests are submitted as per instructions in Commission Order R-1053-B

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										
	3-2	Jun'59	P	--	24 Hr.	5	0	38	TSTM	Nil
	24-1	"	"	--	"	10	0	12	"	"
	26-3	"	"	--	"	5	0	8	"	"
	27-2	"	"	--	"	10	0	20	"	"

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 July 7, 1959

Ambassador Oil Corporation
Company

By Carl A. Westerman

Carl A. Westerman
Petroleum Engineer
Title

AMBASSADOR OIL CORPORATION

Post Office Box 9338

Fort Worth, Texas

July 7, 1959

Delfern Oil Corporation
1706 - 14th Street
Lubbock, Texas
Attn: Mr. John Duncan

Graridge Corporation
Post Office Box 752
Breckenridge, Texas
Attn: Mr. T. A. Ford

Great Western Drilling Company
Post Office Box 1659
Midland, Texas
Attn: Mr. J. T. Hampton

Gulf Oil Corporation
Post Office Box 669
Roswell, New Mexico
Attn: Mr. M. I. Taylor

Phillips Petroleum Company
Phillips Building
Bartlesville, Oklahoma
Attn: Mr. Z. Z. Hunter

Mr. George Williams
Caprock, New Mexico

OPERATIONS
JUL 23 1959

Gentlemen:

It is the desire of Ambassador Oil Corporation to expand the water injection program in the North Caprock Queen Unit No. 2 in Lea and Chaves Counties, New Mexico, to include converting the following wells to water injection status:

Unit-No.	Location
27-1	NW/4 SE/4 Section 11, T-13-S, R-31-E
27-3	SE/4 SE/4 Section 11, T-13-S, R-31-E
29-1	SE/4 SW/4 Section 36, T-12-S, R-31-E

These wells are indicated in red on the attached plat.

Approval of these conversions has been requested under the "Administrative Approval" system as set forth in Commission Order No. R-1053-B. To avoid the 15-day interim period called for by said order, please sign and return one (1) copy of this letter to this office if your company has no objection to the proposed expansion.

Yours very truly,

AMBASSADOR OIL CORPORATION

Carl H. Westermann

By: Ia Ford

For: Graridge Corp.

OPERATIONS
JUL 13 1959
☐ Exec:
☐ Pln:
☑ Sec:
☐ Acq:
☑ Engr:
☑ Adm:
☐ Prod:
☐ Mat:
☐ Per:
☐ FILE:

AMBASSADOR OIL CORPORATION
Post Office Box 9338
Fort Worth, Texas

July 7, 1959

Delfern Oil Corporation
1706 - 14th Street
Lubbock, Texas
Attn: Mr. John Duncan

Graridge Corporation
Post Office Box 752
Breckenridge, Texas
Attn: Mr. T. A. Ford

Great Western Drilling Company
Post Office Box 1659
Midland, Texas
Attn: Mr. J. T. Hampton

Gulf Oil Corporation
Post Office Box 669
Roswell, New Mexico
Attn: Mr. M. I. Taylor

Phillips Petroleum Company
Phillips Building
Bartlesville, Oklahoma
Attn: Mr. Z. Z. Hunter

Mr. George Williams
Caprock, New Mexico

Gentlemen:

It is the desire of Ambassador Oil Corporation to expand the water injection program in the North Caprock Queen Unit No. 2 in Lea and Chaves Counties, New Mexico, to include converting the following wells to water injection status:

Unit-No.	Location
27-1	NW/4 SE/4 Section 11, T-13-S, R-31-E
27-3	SE/4 SE/4 Section 11, T-13-S, R-31-E
29-1	SE/4 SW/4 Section 36, T-12-S, R-31-E

These wells are indicated in red on the attached plat.

Approval of these conversions has been requested under the "Administrative Approval" system as set forth in Commission Order No. R-1053-B. To avoid the 15-day interim period called for by said order, please sign and return one (1) copy of this letter to this office if your company has no objection to the proposed expansion.

Yours very truly,

AMBASSADOR OIL CORPORATION

Carl H. Westerman

By: John T. Hampton

For: Great Western Drilling Co.

AMBASSADOR OIL CORPORATION
3109 WINTHROP AVENUE
P. O. BOX 9338
FORT WORTH 7, TEXAS

F. KIRK JOHNSON
PRESIDENT

July 24, 1959

Re: Administrative Approval For Conversion of Three Wells to Water Injection Status - North Caprock Queen Unit #2, Lea and Chaves Counties, New Mexico

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

Gentlemen:

On July 9, 1959, by direction of Commission Order No. R-1053-B, issued July 28, 1958, Ambassador Oil Corporation requested administrative approval for conversion of three additional wells in the subject unit. Enclosed are signed waiver letters from all offset operators.

All operators adjoining the subject unit on the south have been incorporated into the Caprock Unit No. 3 which is operated by Great Western Drilling Company. Thus, waiver letters from only Graridge Corporation and Great Western Drilling Company are necessary.

If additional information is required, please advise.

Very truly yours,

AMBASSADOR OIL CORPORATION

Carl A. Westerman

Carl A. Westerman
Petroleum Engineer

CAW:jbm
encls.