



October 21, 1960



R. C. TUCKER, PRES.

Ambassador Oil Corporation,  
Box 9338  
Fort Worth, Texas

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

Gentlemen:

We have requested expansion of the Pebble Queen Unit under the system for administrative approval as set forth in the Oil Conservation Commission Order No. R-1631. A copy of our letter requesting this expansion is attached.

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

Yours very truly,

GREAT WESTERN DRILLING COMPANY

By *O. H. Crews*  
O. H. Crews

OHC:TR

We have no objection to the expansion of the Pebble Queen Unit operations by reason of the conversion of the following wells to water injection wells:

<u>Unit Well No.</u>	<u>Location</u>
2-6	SE/4 of NW/4 of Sec. 2, T-13-S, R-31-E
11-12	NW/4 of SW/4 of Sec. 11, T-13-S, R-31-E
35-16	SE/4 of SE/4 of Sec. 35, T-12-S, R-31-E

as applied for in your letter of October 21, 1960.

AMBASSADOR OIL CORPORATION

By *E. A. Riley*  
E. A. RILEY, SUPERINTENDENT SEC. RECOVERY  
Date 10-25-60





October 21, 1960

R. C. TUCKER, PRES.

Oil Conservation Commission,  
Box 871,  
Santa Fe, New Mexico

RECEIVED  
OCT 21 1960  
WFX-62  
Waiting Period  
for Water Wells

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

Re: Application for Administrative Approval  
for conversion of Unit Wells to Water  
Injection Wells, Pebble Queen Unit,  
Chaves County, New Mexico

Gentlemen:

As provided in the Oil Conservation Commission Order No. R-1631, Great Western Drilling Company, as operator of the Pebble Queen Unit, requests administrative approval for the conversion of the following unit wells:

<u>Unit Well No.</u>	<u>Location</u>
2-6	SE/4 of NW/4 of Sec. 2, T-13-S, R-31-E
11-12	NW/4 of SW/4 of Sec. 11, T-13-S, R-31-E
35-16	SE/4 of SE/4 of Sec. 35, T-12-S, R-31-E

Well No. 2-7 has increased from 52 bbls. in September, 1960 to 180 bbls. in October. This well is a direct East offset to Well No. 2-6.

Well No. 11-5 made 13 bbls. per day on several tests in September. On the last test October 6, 1960, well 11-5 made 85 bbls. This is a direct north offset to Well No. 11-12.

Well No. 36-13 has increased in October from 30 bbls. per day to 50 bbls. per day. Well 36-13 is a direct east offset to Well 35-16 of this application.

We respectfully submit that the ultimate recoverable oil from the Pebble Queen Unit Reservoir will be decreased and that waste will occur due to an unbalanced condition in the pattern flooding system unless Wells 2-6, 11-12 and 35-16 are converted to water injection at this time.

Attached to this application are: the C-116 of Great Western Drilling Company Wells No. 2-7, 11-5 and 36-13, before and after stimulation; a plat of the area showing all producing, water injection and the proposed water injection wells; and the offset operator.

Waiver from the offset operator is being requested at this time.

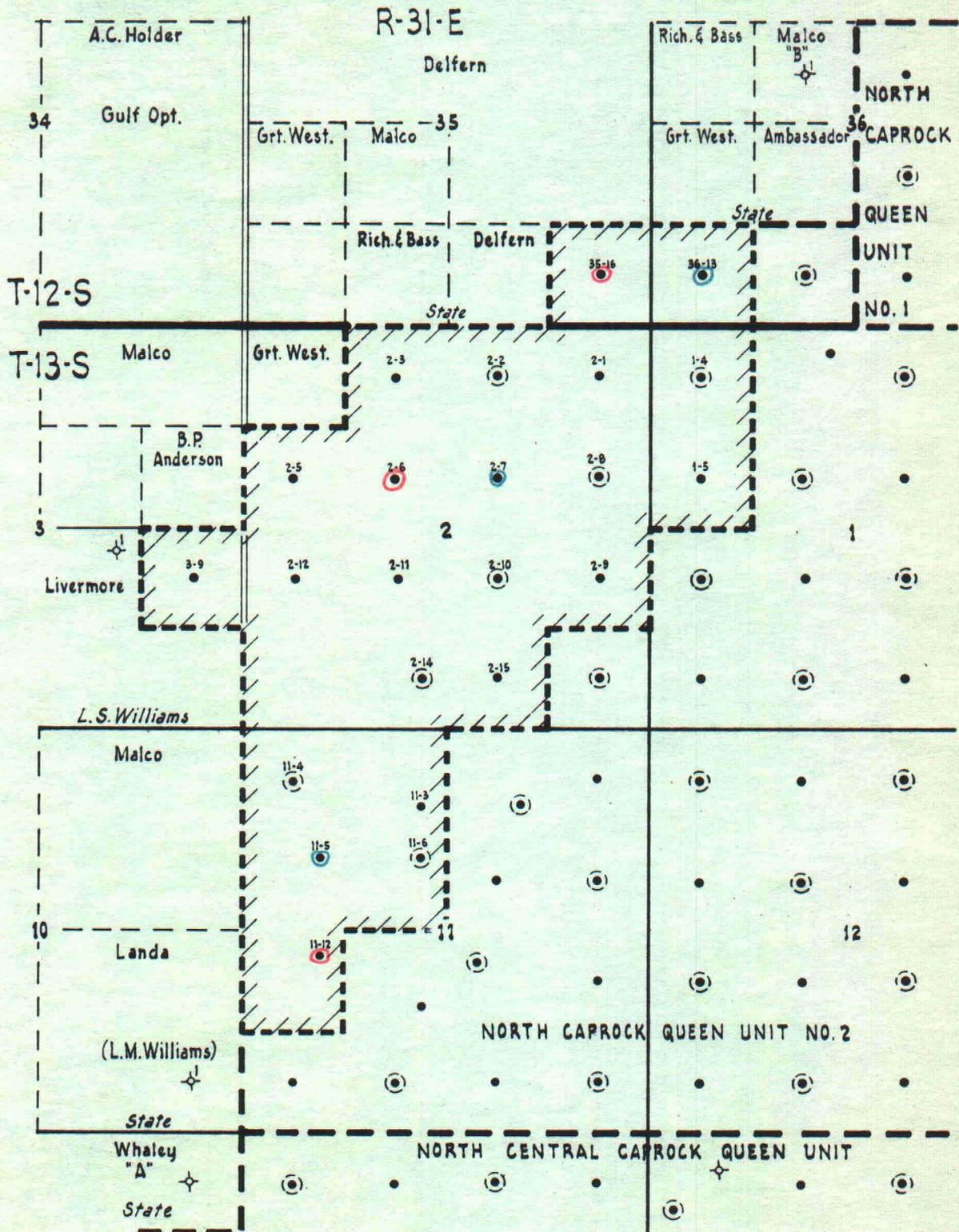
Yours very truly,

GREAT WESTERN DRILLING COMPANY

By Oilman



OHC:TR



# GREAT WESTERN DRILLING COMPANY

## PEBBLE QUEEN UNIT CHAVES COUNTY, NEW MEXICO

- PEBBLE QUEEN UNIT OUTLINE
- OIL WELL
- WATER INJECTION WELL
- Stimulated well
- Proposed Inj. Well

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR Great Western Drilling Company POOL Caprock Queen  
 ADDRESS Box 1659, Midland, Texas MONTH OF August, September, October, 1960  
 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	
Pebble Queen Unit										
Tract 9	2-7	8-30	Pump		24	42	0	52	T.S.T.M.	
Tract 1	11-5	9-15	Pump		24	63	0	13	T.S.T.M.	
Tract 2	36-13	10-2	Pump		24	33	0	30	T.S.T.M.	
Tests before Stimulation										

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 October 21, 1960 Great Western Drilling Company  
Company  
 By O.H.Crews O.H.Crews  
Administrative Coordinator  
Title

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR.....Great Western Drilling Company..... POOL..... Caprock Queen  
 ADDRESS..... Box 1659, Midland, Texas..... MONTH OF..... October,....., 19..... 60  
 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 Bbbs.	Production During Test			GOR Cu. Ft. Per Bbl.
							Water Bbbs.	Oil Bbbs.	Gas MCF	
<b>Pebble Queen Unit</b>										
Tract 9	2-7	10-8	Pump		24	42	0	180	TSTM	
Tract 1	11-5	10-5	Pump		24	63	0	85	TSTM	
Tract 2	36-13	10-8	Pump		24	33	16	50	TSTM	

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..... October 21, 1960.....

..... Great Western Drilling Company.....  
Company

By..... *O. H. Crews*..... O. H. Crews

..... Administrative Coordinator.....  
Title



R. C. TUCKER, PRES.

October 31, 1960

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

Oil Conservation Commission,  
Box 871,  
Santa Fe, New Mexico

Attn: Mr. J. E. Kapteina

Gentlemen:

The enclosed waiver is from the only offset operator to the Pebble Queen Unit for the expansion by conversion of wells: 2-6, 11-12 and 35-16 to water injection wells.

Yours very truly,

GREAT WESTERN DRILLING COMPANY

By *OHbrew*

OHC:TR  
Enclosure

