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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103

(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1206) 2/20/64

Name of Company Union Oil Company of California				Address 205 East Washington, Lovington, New Mexico			
Lease South Caprock Queen Unit		Well No. 14-30	Unit Letter N	Section 30	Township 15-S	Range 31-E	
Date Work Performed 2-9-64		Pool Caprock Queen			County Chaves		

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☒ Other (Explain): **Conversion of well to water injection service**
- ☐ Plugging
 ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

TD 3186'
 ETD 3181'
 5 1/2" C 3185'
 Perfs. 3148'-3160'

Pulled rods and tubing. Cleaned out to ETD of 3181'. Ran 2892' of 2", EUE, 8rt, J-55 plastic lined tubing to 2900' w/tension packer on bottom. Placed well on injection on 2-27-64. Initial rate: 700 B/D at a vacuum.

Authority: Administrative Order WFX-164 dated 2-3-64.

Witnessed by R. H. Butler	Position Unit Engineer	Company Union Oil Company of California
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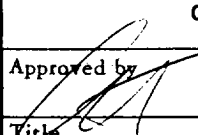
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge. ORIGINAL SIGNED BY RICHARD H. BUTLER	
Approved by 		Name UNIT ENGINEER	
Title		Position Richard H. Butler	
Date		Company Unit Engineer	
		Union Oil Company of California	

1. $\frac{1}{2}$ 2. $\frac{1}{3}$ 3. $\frac{1}{4}$ 4. $\frac{1}{5}$ 5. $\frac{1}{6}$

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1601 UV-Visible Spectrophotometer.

[illegible]

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were grown in the medium containing 100 mg/l of tetracycline. The cell concentration of the strains was adjusted to 10⁸ cells/ml. The cell suspension was mixed with the plant tissue and incubated for 24 h. The plant tissue was then cultured on the medium containing 100 mg/l of tetracycline. The transformation efficiency was determined by the number of colonies on the medium containing 100 mg/l of tetracycline. The data are the mean of three independent experiments.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthal and Whistler (1973).

STUDY OF THE EFFECT OF THE