



L. P. Thompson  
Division Manager  
Production Department  
Hobbs Division

Western Hemisphere Petroleum Division  
Continental Oil Company  
P.O. Box 460  
1001 North Turner  
Hobbs, New Mexico 88240  
(505) 393-4141

December 14, 1972

New Mexico Oil Conservation Commission - 3 ✓  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention Mr. A. L. Porter, Jr.  
Secretary Director

WFA-383

Gentlemen:

A. waiting period!

Expansion of East E-K Unit Waterflood Project

Order No. R-3901 authorized Continental Oil Company to institute a waterflood project in the East E-K Unit by injecting water into the Queen formation in the East E-K Queen Pool. The injection wells approved in that order were Well No. 4, located in Unit N and Well No. 6, located in Unit P of Section 22, Township 18 South, Range 34 East, Lea County, New Mexico.

The unit was subsequently expanded by adding the NE/4 and NW/4 SW/4 Section 22 and W/2 NW/4 Section 23. Well No. 9, located in Unit E of Section 23, and Well No. 10, located in Unit L of Section 22 were converted to water injection under authority of Administrative Order WFX-364.

Operator now desires to convert Well No. 5, located in Unit O of Section 22, to water injection. The attached plat shows the unit area, the location of the wells, and the offset properties. There are no producing offsets to the unit area. The attached schematic diagram shows the manner in which the well is proposed to be converted to injection status. The attached log shows the interval into which water is proposed to be injected. Injection water will be fresh water from the unit's water supply system plus water which is produced from the unitized formation from the unit area.

It is respectfully requested that authority be given to expand the waterflood project by converting to water injection Well No. 5, located 330' FSL and 1980' FEL of Section 22, Township 18 South, Range 34 East, Lea County, New Mexico.

Yours very truly,

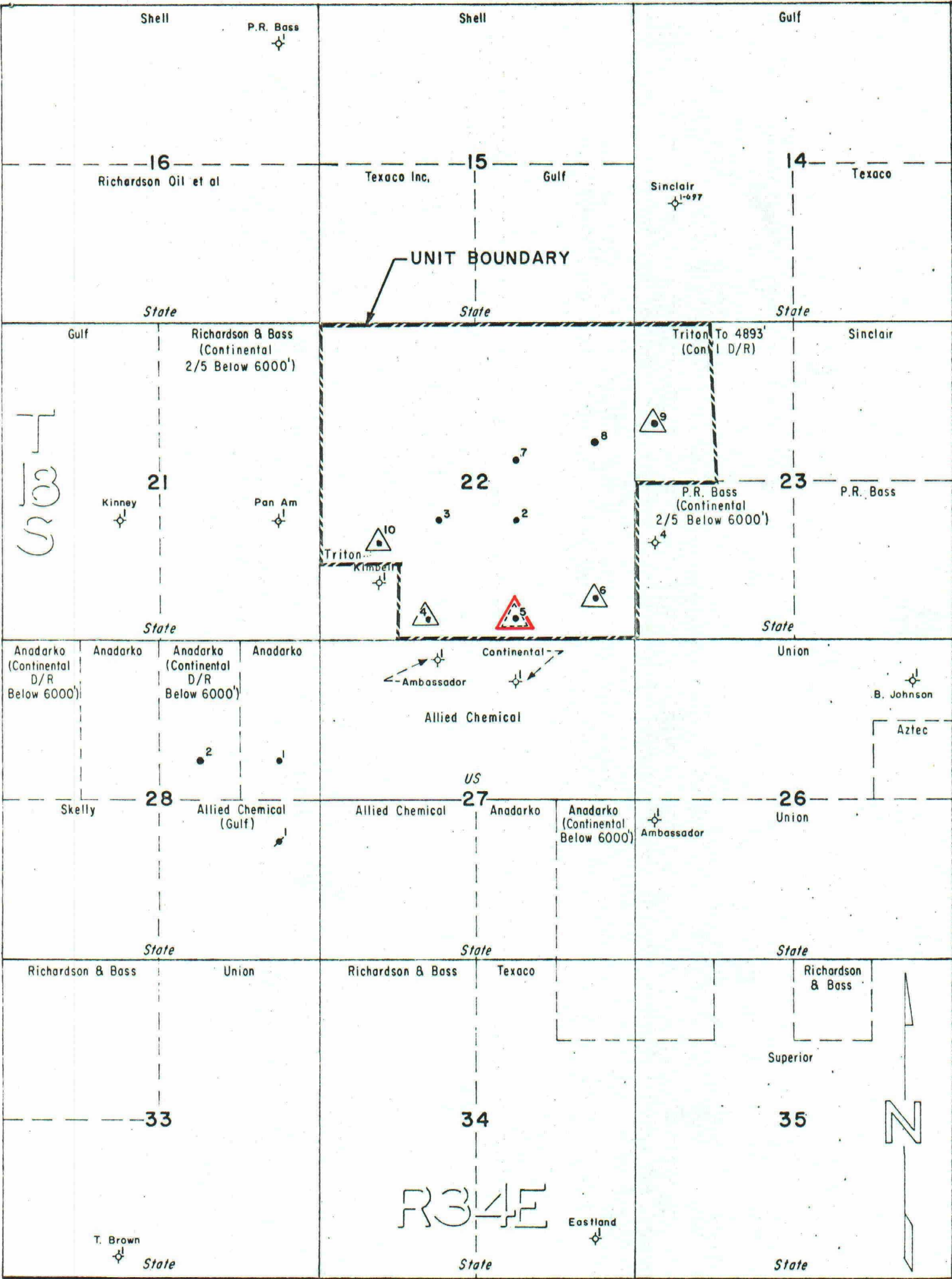
rw

Enc

Copies + enc:

RLA: GAD: JWK:

Working Interest Owners



CONTINENTAL OIL COMPANY

PRODUCTION DEPARTMENT—HOBBS DIVISION

EAST E-K UNIT

LEA COUNTY, NEW MEXICO

WATERFLOOD EXPANSION

SCALE

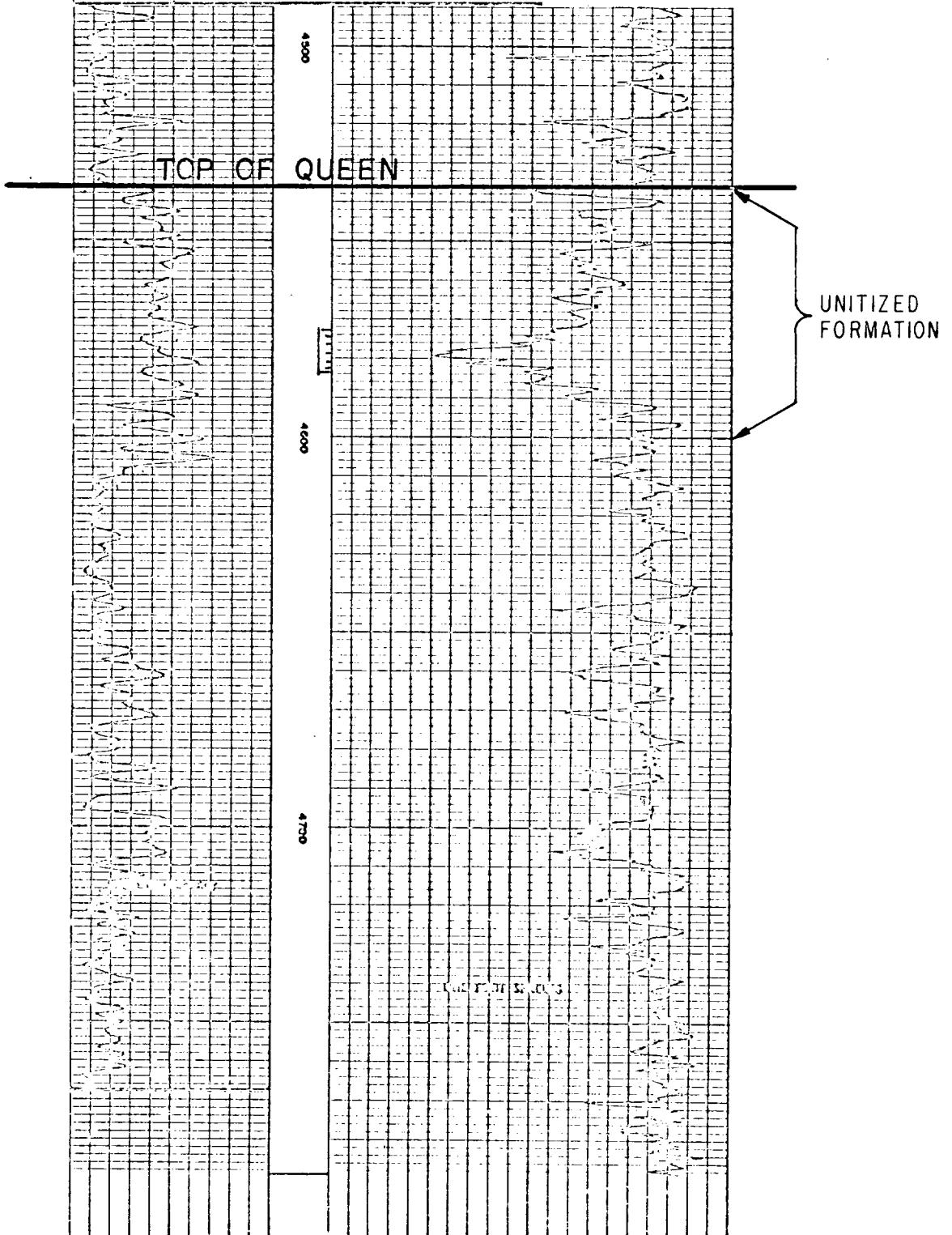
010002000

EW

# TYPE LOG

SCHLUMBERGER WELL SURVEYING CORPORATION

COUNTY LEA FIELD or LOCATION ANTELOPE QUEEN WELL STATE X-22 #1 COMPANY CONTINENTAL OIL	COMPANY CONTINENTAL	Other Surveys LL-3, RLL
	OIL COMPANY	
	WELL STATE X-22 #1	Location of Well 330' FSL 1980' FEL
	FIELD ANTELOPE QUEEN	
	LOCATION SEC. 22-1B5-31E	
COUNTY LEA	Elevation: K.B. 4011 D.F. 4008 or G.L. 3998	
STATE NEW MEXICO		



EAST E-K UNIT WELL NO. 5

UNIT O - 330' FSL & 1980' FEL,  
Sec. 22-T18S-R34E, Lea County,  
New Mexico - Elev. 3998' BHF  
Elev. 4011' DF

