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Western Hemisphere Petroleum Division
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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 working record!

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,

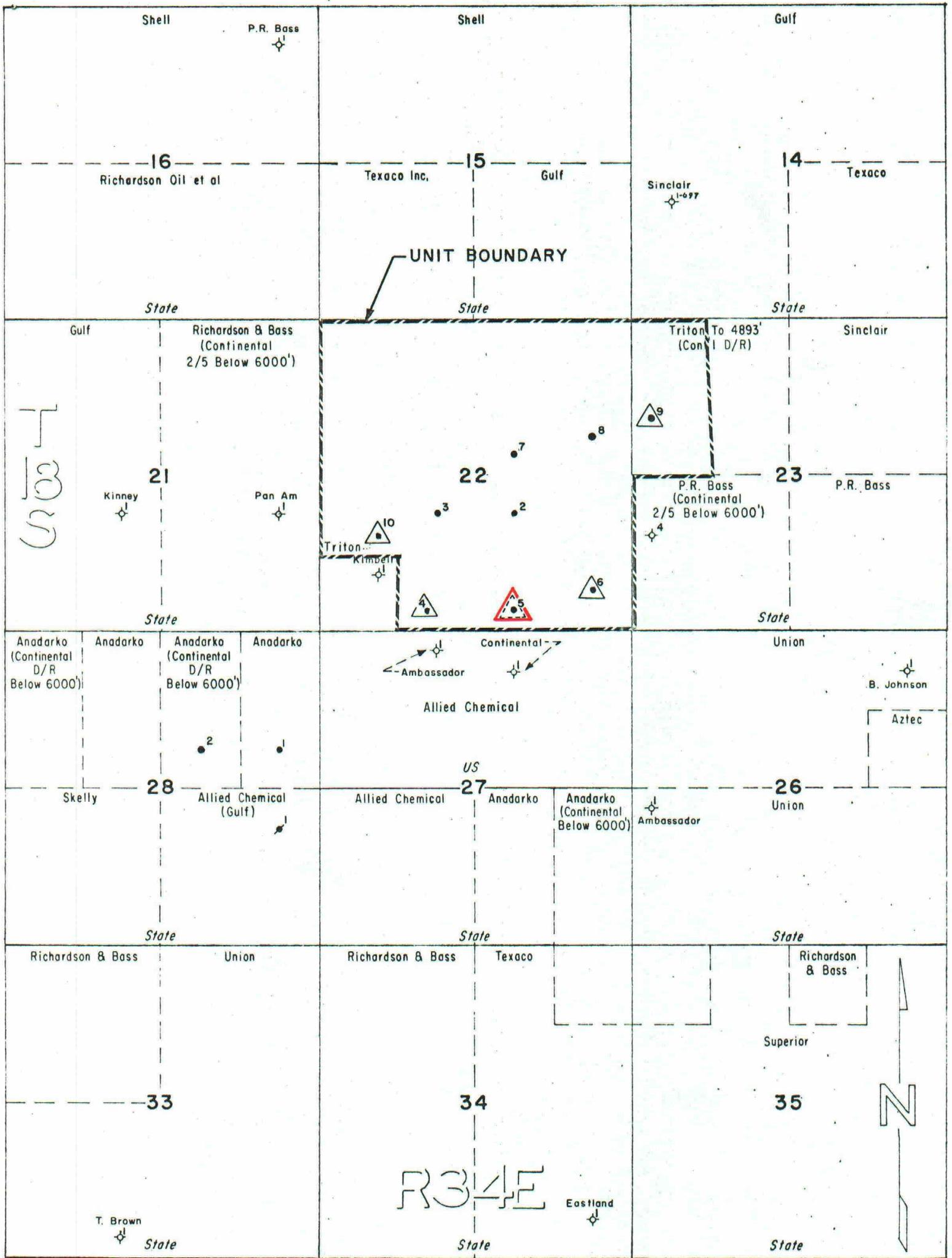
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Enc

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RLA: GAD: JWK:

Working Interest Owners



CONTINENTAL OIL COMPANY
 PRODUCTION DEPARTMENT—HOBBS DIVISION

EAST E-K UNIT
 LEA COUNTY, NEW MEXICO
 WATERFLOOD EXPANSION

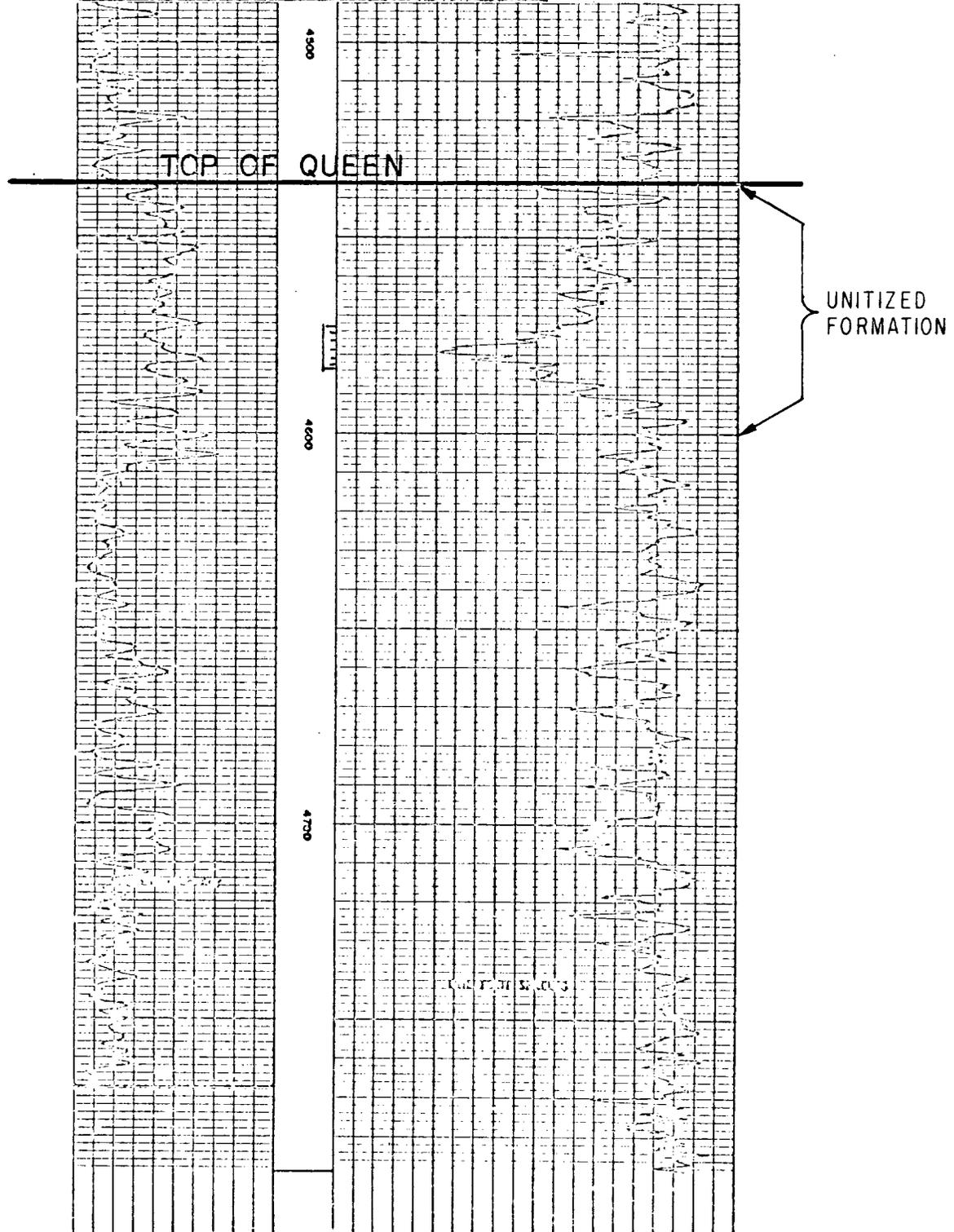
SCALE
 0 1000 2000

EW

TYPE LOG

SCHLUMBERGER WELL SURVEYING CORPORATION

COUNTY LEA FIELD or LOCATION ANFIELD QUEEN WELL STATE X-22 #1 COMPANY CONTINENTAL OIL COMPANY	COMPANY CONTINENTAL OIL COMPANY WELL STATE X-22 #1 FIELD ANFIELD QUEEN LOCATION SEC. 22-1B5-31E COUNTY LEA STATE NEW MEXICO	Other Surveys LL-3, NLL Location of Well 330' FSL 1980' FEL Elevation: K.R. 4011 D.F. 4008 or G.L. 3993
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EAST E-K UNIT WELL NO. 5

UNIT 0 - 330' FSL & 1980' FEL,
Sec. 22-T18S-R34E, Lea County,
New Mexico - Elev. 3998' BHF
Elev. 4011' DF

