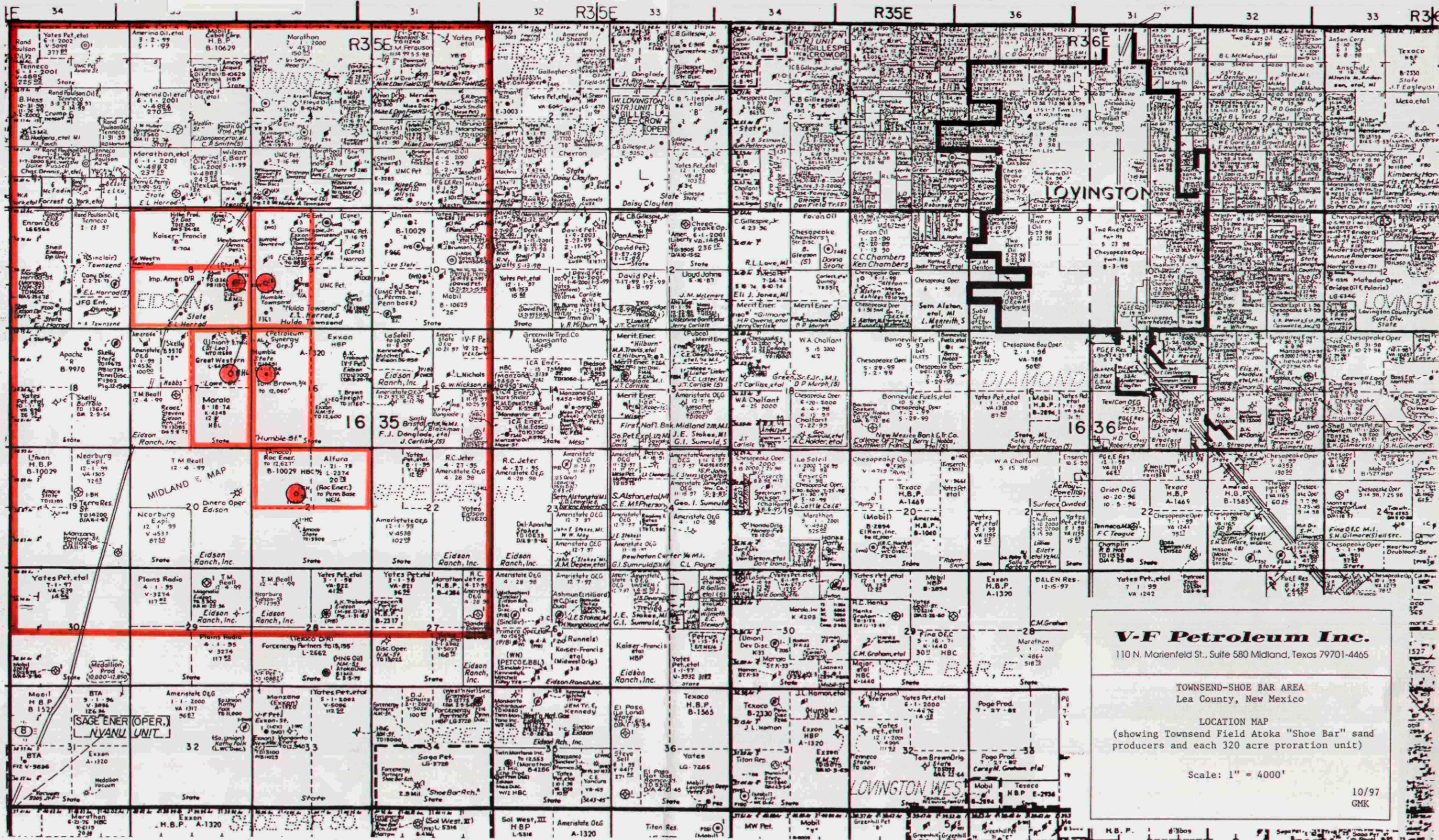


MAPPED AREA



V-F Petroleum Inc.

110 N. Marienfeld St., Suite 580 Midland, Texas 79701-4465

TOWNSEND-SHOE BAR AREA
Lea County, New Mexico

LOCATION MAP
(showing Townsend Field Atoka "Shoe Bar" sand
producers and each 320 acre proration unit)

Scale: 1" = 4000'

10/97
GMK

EXHIBIT NO: 1

**BEFORE THE
OIL CONSERVATION DIVISION
Santa Fe, New Mexico**

Case No. 11842 Exhibit No. 1

Submitted by: V-F Petroleum Inc.

Hearing Date: November 6, 1997