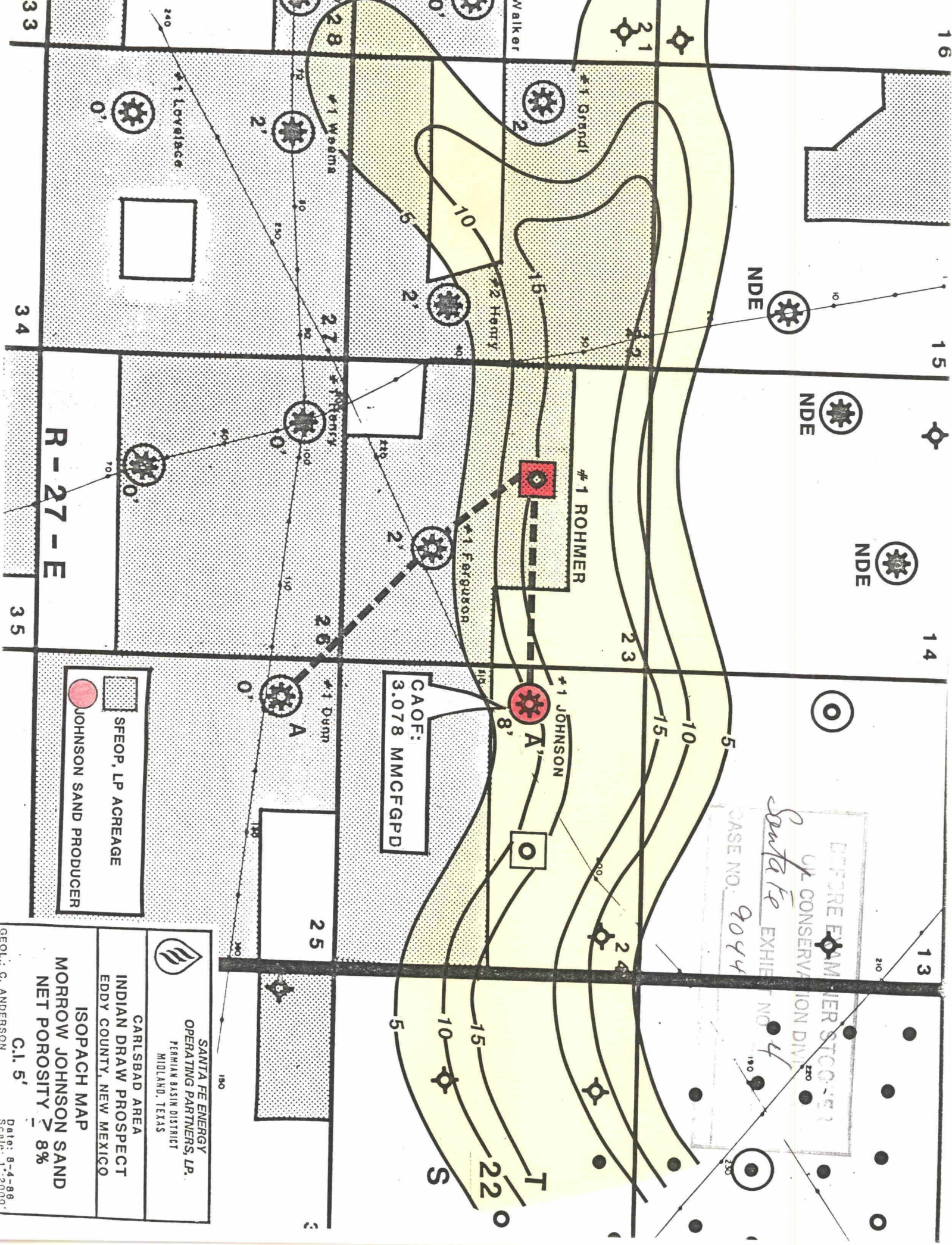




SANTA FE ENERGY
OPERATING PARTNERS, LP.
PERMIAN BASIN DISTRICT
MIDLAND, TEXAS

CARLSBAD AREA
INDIAN DRAW PROSPECT
EDDY COUNTY, NEW MEXICO

ISOPACH MAP
MORROW JOHNSON SAND
NET POROSITY > 8%
C.I. 5'

Date: 8-4-86
Scale: 1"=2000'

GEOL.: C. ANDERSON

DEFORE EXAMINER
OF CONSERVATION DIVISION
CASE NO. 9044
EXHIBIT NO. 4
Santa Fe