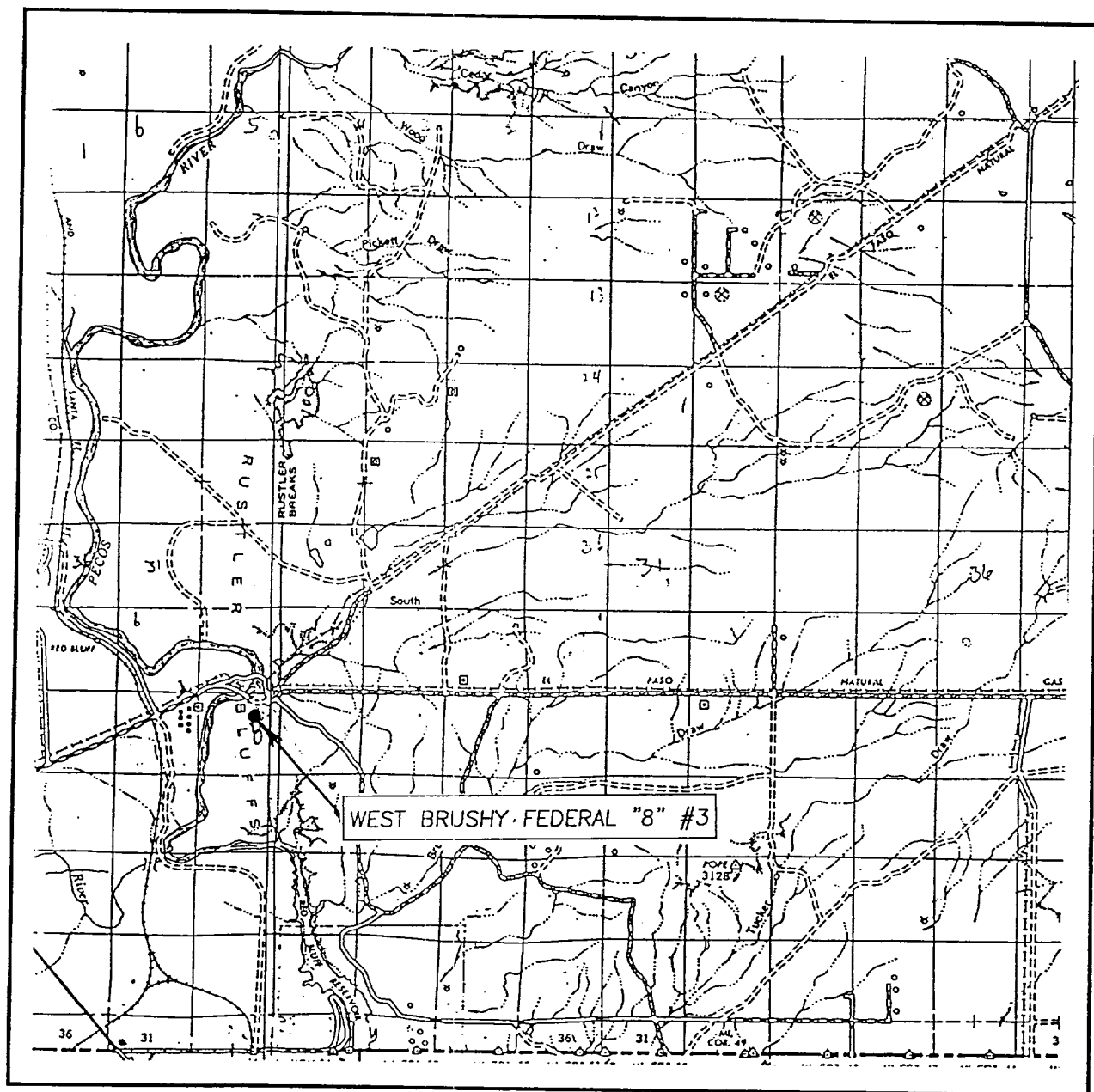


EXHIBIT 4

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 8 TWP. 26-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1850' FNL & 2310' FEL

ELEVATION 2903'

OPERATOR ARCO PERMIAN

LEASE WEST BRUSHY FEDERAL "8"

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117