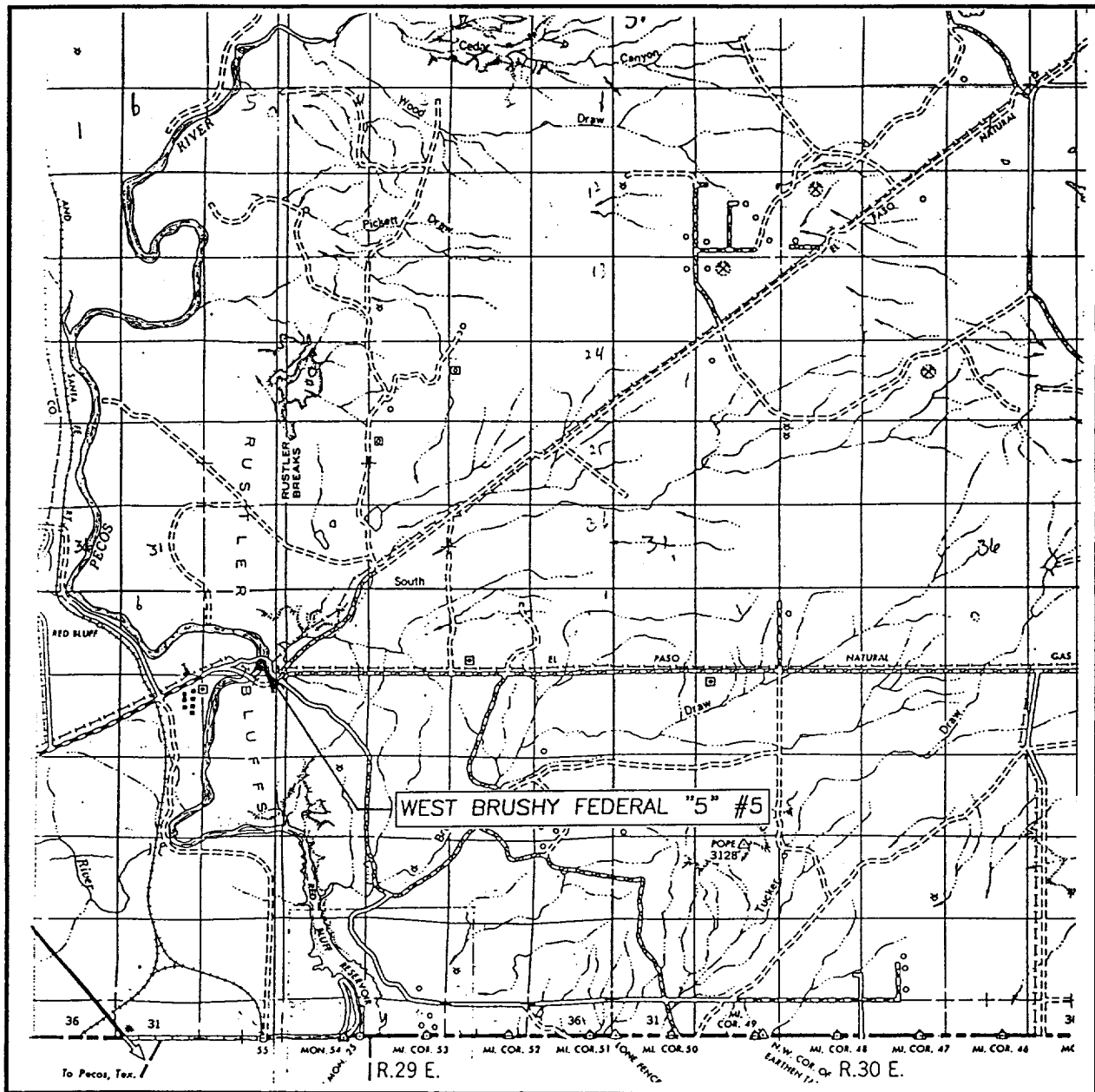


EXHIBIT 4

VICINITY MAP



SEC. 5 TWP. 26-S RGE. 29-E
 SURVEY N.M.P.M.
 COUNTY EDDY
 DESCRIPTION 850' FSL & 800' FEL
 ELEVATION 2881'
 OPERATOR ARCO PERMIAN
 LEASE WEST BRUSHY FEDERAL "5"

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