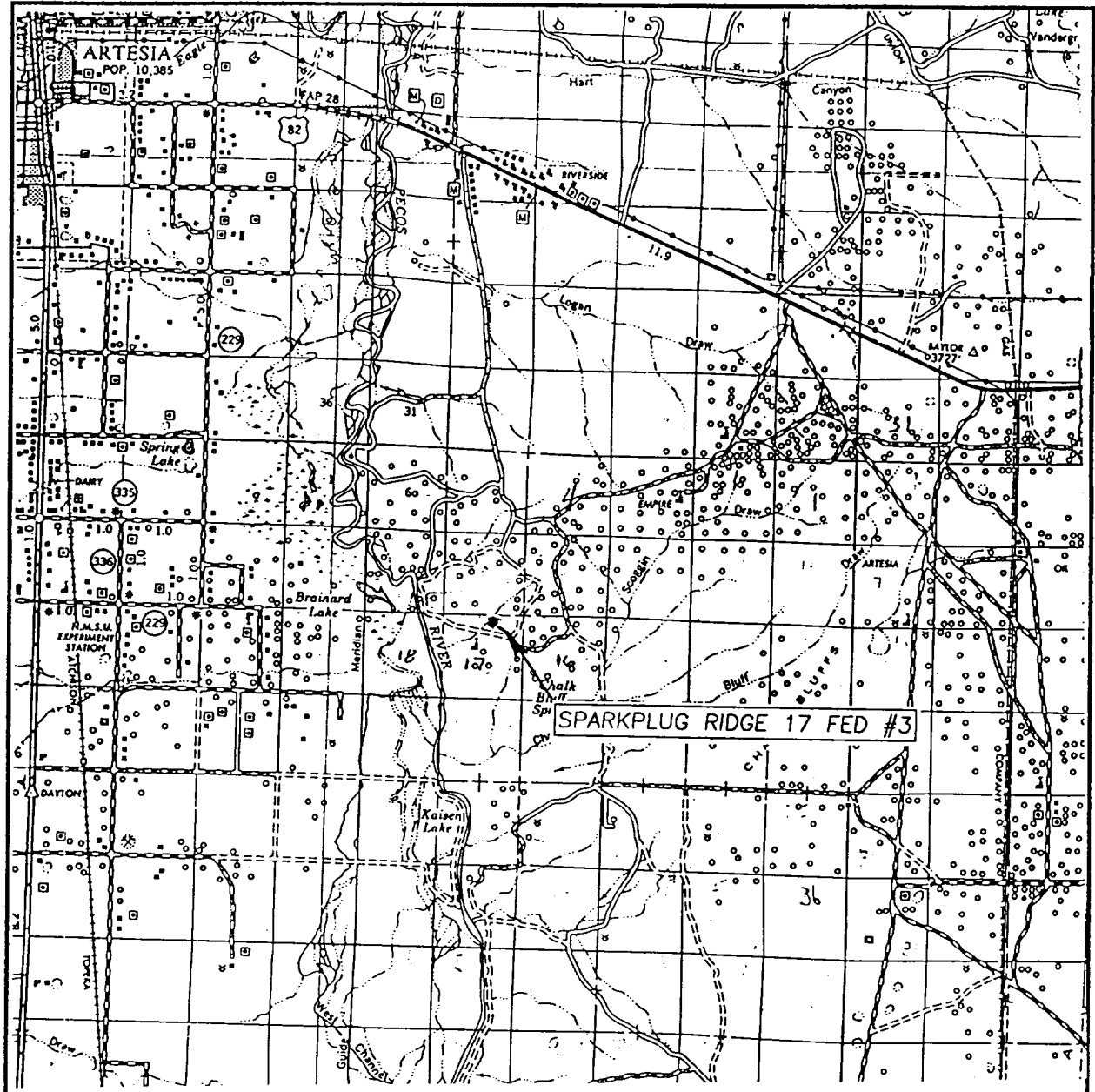


EXHIBIT #4

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 17 TWP. 18-S RGE. 27-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 660' FNL & 1980' FEL

ELEVATION 3412'

OPERATOR BP dba ARCO PERMIAN

LEASE SPARKPLUG RIDGE 17 FEDERAL

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