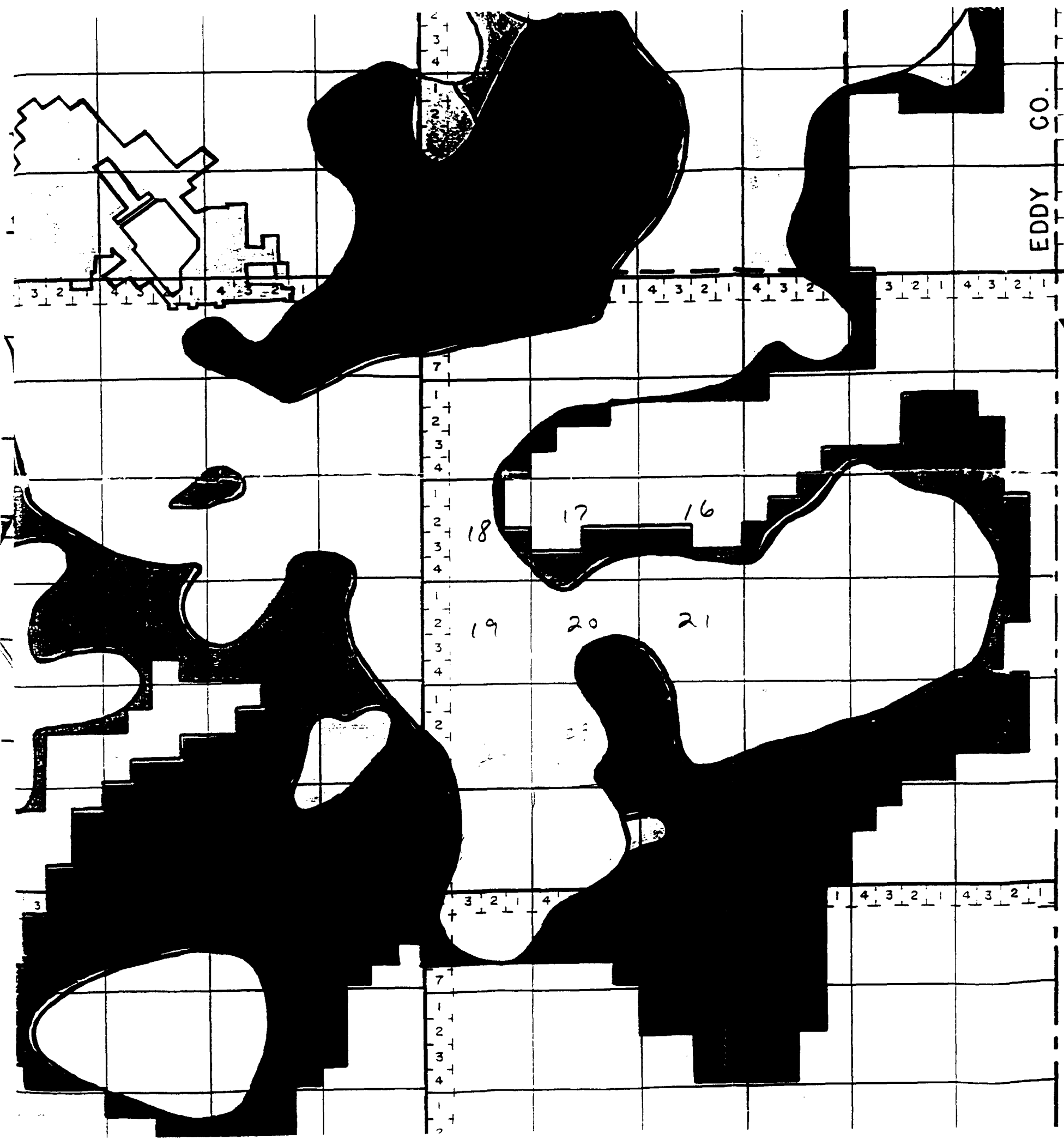

BEFORE EXAMINER STOGNER
Oil Conservation Division
Exhibit No. 3
Case No. 10887

ECONOMIC GEOLOGY

The potash deposits in the Carlsbad southeastern New Mexico are about 15 miles city of Carlsbad. The deposits occur within of Kroenlein (1939, p. 1691) of the Salado age. The McNutt zone is 150 feet (45 m) to Depth to the Salado in the district, ranges along the western margin to 2,000 feet (610 portion. The main potash ore minerals are of which sylvite is predominant. Potash ore ore zones, which range from a few inches to thickness, with no one ore zone extending over These zones were named by Jones, Bowles, and Eleven of the ore zones occur within the Mc 12th ore zone lies in the upper part of the of the 12 ore zones have been mined by one modified long-wall method is used in one mine method is used in the remaining mines. In percent of the ore is removed during the first is left in pillars to be extracted during a The areas on the map designated as second-mi been totally mined or lost during mining of a

DELINEATION AUTHORITY AND CR

As part of the Bureau of Land Managemen responsibility, potash reserves have been id the Secretary of the Interior dated November Part III, D.). Minimum quality and thickness compilation are:
4 feet of 10 percent K_2O as sylvite or as langbeinite or an equivalent combination of

REFERENCES CITED

Aguilar, P.C., Cheeseman, R.J., and Sandel Preliminary map showing distribution of potas Mining District, Eddy and Lea Counties, New Me Survey Open-File Report 76-554, scale 1:62,500