MAP EXPLANATION

Quat. — Qd — Dune Sand

Triassic — Rs — Shinarump conglomerate

Triassic — Rm — Moenkopi formation

Permian — Rho — Hoskinnini tongue of the Cutler formation

Permian — Pdc — DeChelly sandstone member of the Cutler formation

Mine portal; Inclined shaft

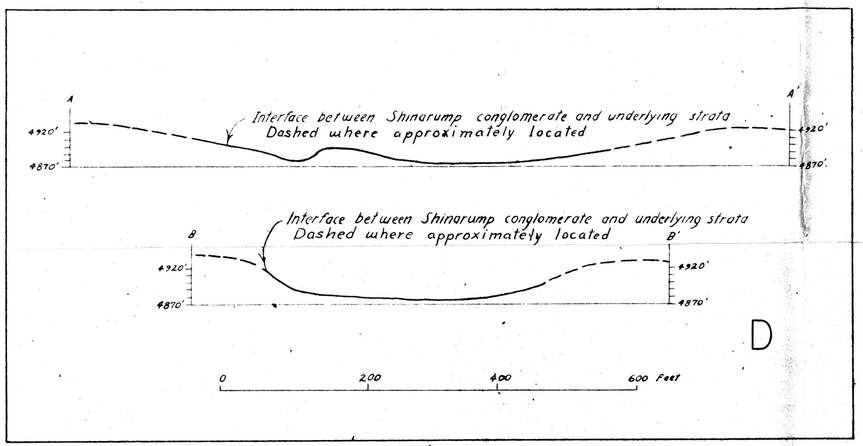
Center line of trace of known channel, dashed where concealed, dotted where removed by erosion

Contact, dashed where approximately located

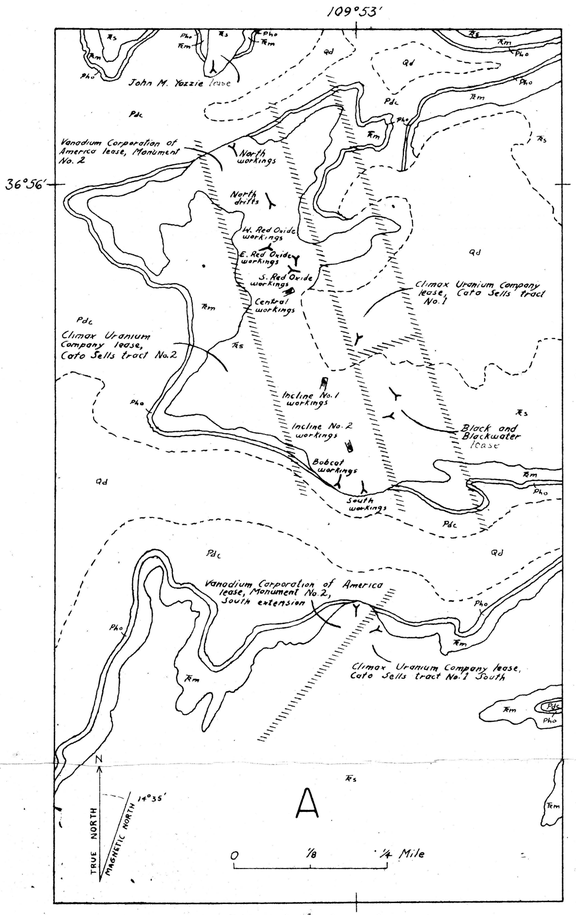
Approximate location of lease boundaries

Structure contour lines, dashed where inferred. Contours on South Extension and on Yazzie Mesa adapted from U.S. Atomic Energy Comm. data. Contour interval 5 feet. Datum is mean sea level

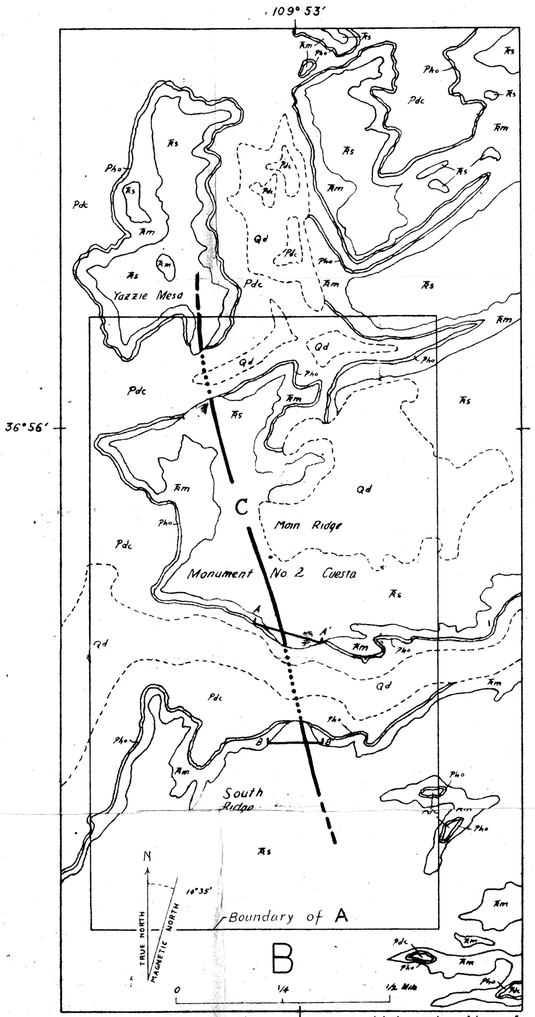
A — A' Line of section



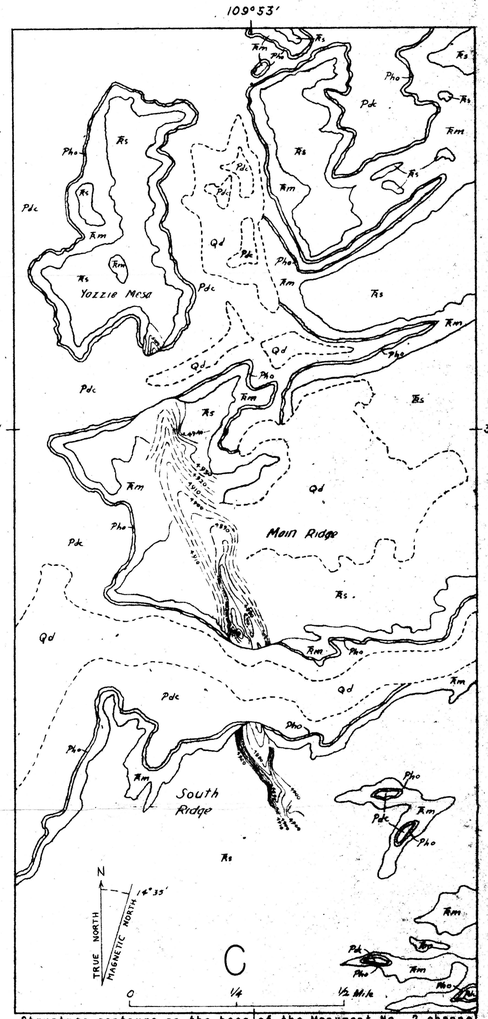
Cross-sections of the Monument No. 2 channel showing edge dividing channel (A-A') and general shape of channel (B-B')



Monument No. 2 cuesta



Geologic map of Monument No. 2 area on which center line of channel is superimposed.



Structure contours on the base of the Monument No. 2 channel. Contours on Yazzie Mesa and South Ridge furnished by the U. S. Atomic Energy Commission. Contours on Monument No. 2 cuesta determined on basis of Atomic Energy Commission drill holes and altitudes determined in the mine.

Figure 5. GEOLOGIC MAPS AND CROSS-SECTIONS OF THE MONUMENT NO. 2 AREA, APACHE COUNTY, ARIZONA