old) and (3) Mormon surface (900,000 to 2.5 million years old). The thickest petrocalcic horizon is as much as 10 to 20 feet thick in places, and has a laminated surface layer in any case. Brecciated, recemented zones are common. The calcium carbonate seems to have been imported as dust. At the western edge of Mormon Mesa we saw reddish brown eolian sand in which the upper solum was developed.

Return was via an historical museum, outside which was a restoration of a small pueblo. We came back through the Valley of Fire, where fantastic red sandstone rock masses caught the light of the evening sun. There were petroglyphs on cliffs, made by Indians years ago, with some editing by modern Homo sapiens. Darkness came just before the buses rode up on the brink of the Las Vegas Basin. The city was not as brightly lighted as it had been earlier in the week. In response to the energy crisis the major light displays on "the strip", and the gaslight torches had been turned off ... from now on.

Postscript Quaries

Is Las Vegas a cancer on the face of the earth? Did the Indians who once inhabited the pueblos in the Muddy River Valley have an inferior civilization? Of what does boredom consist? What is more extraordinary than a reunion of soil scientists, old and young?

* * * * * * * * *

MARYLAND'S SOIL JUDGES RETAIN VICTORY STRING

The Northeast regional collegiate soil judging contest featured certain elements of a traditional wedding ceremony--something old and something new.

On the "old" side was the University of Maryland