63-146

FIGURE 4

CONFINED AREA

Flowing area, March, 1952

Southeast B

Northwest B'

ALTITUDE, IN FEET, ABOVE SEA LEVEL

2600' 2500' 2400' 2300' 2200' 2100' 2000' 1900' 1800' 1700' 1600' 1500' 1400' 1300' 1200' 1100' 1000' 900' 800'

Younger alluvium

WATER-BEARING ZONE

Older alluvium

Playa deposits

Lacustrine clay

Blue clay

ROSAMOND LAKE

Sedimentary complex, undifferentiated (not water-bearing)

Calcium bicarbonate water, average dissolved solids about 250 ppm, percent sodium about 40

Sodium bicarbonate water, average dissolved solids about 275 ppm, percent sodium about 92

DEEP WATER - BEARING ZONE

WILLOW SPRINGS FAULT

EXPLANATION

Well used for water-level control, or for which chemical character of water is shown and for which a log is not presented. Attached and generalized where depth not determined

Perforated interval where known

Chemical character of water symbol

The chemical character of water symbol is shown beside the well and is based on the analysis of water from the discharge. The upper number above the line indicates the approximate dissolved solids in parts per million or sum of determined constituents not including silica. The numbers below the line from left to right, respectively represent, bicarbonate, sulfate, and chloride content in equivalents per million. The lower (circled) number is the percent sodium

Bedrock

Gravel and clay

Gravel and sand

Boulders, gravel, sand, and clay

Coarse or hard sand

Silt, sand, and clay

Basement complex

For explanation of geologic units and location of wells see figure 2

Horizontal scale

Vertical scale 1 inch = 400 feet

SECTION B-B' FROM PIUTE BUTTE NORTHWEST TO ROSAMOND