

ITEM VIII

GEOLOGICAL DATA

INJECTION ZONE

Lithological description: sandstone, lt. gray, fine to v fine
grained, poorly consolidated, silty, poor calc cem

Geological name: Bell Canyon (Delaware) and Up. Cherry Canyon

Zone thickness: 1250 ft.; Depth: 5660 ft.

FRESH WATER SOURCES

Geological name: Santa Rosa

Depth to bottom of zone: +/-650 ft.

ITEM IX

STIMULATION PROGRAM (Proposed)

ACIDIZE:

Volume: 3000 gal Type acid: 15% HCl/Pentol 100

Rate: 5 BPM; Misc. Ball Sealers

FRACTURE:

Fluid volume: 30,000 gal.; Type: Gelled Water

Prop type: 20/40 sand Volume (#): 15,000

Rate: 18 BPM; Conductor: 2-7/8 in.

Misc. Stage w/ Ball Sealers