

RRUE-1 TEST PLAN

GLO7319_2

I. REQUIRED

- 1) OBSERVATION WELLS WITH CONTINUOUS RECORDING DEVICES

RRUE-2

RRUP-4

RRUP-5

RRMW-1

RRMA-1

U.S.G.S. -3

BLM

BLM OFFSET

DOMESTIC-1 (ALSO MONITOR CHEMISTRY)

- 2) RRUE-1

H₂O TEMPERATURE PRESSURE PROBE

NOISE GAUGE AT WELL HEAD

ORIFICE PLATES AND ASSOCIATED DISCHARGES

CONTROL INSTRUMENTATION

TEMPERATURE OF DISCHARGE WATER

II WATER DISPOSAL

WATER WILL BE INJECTED INTO

RRUI-6 AND/OR RRUI-7

RRWE-1 TEST PLAN

III TESTS

1. BOREHOLE GEOPHYSICAL LOGS BEFORE & AFTER

FLUID TEMPERATURE

FLOWMETER

FLUID RESISTIVITY

2. 400 GPM ARTESIAN FLOW - LONG TERM

14+ DAYS AT 400 GPM

H-P PROBE CAN BE WITHDRAWN FROM BOREHOLE WHEN PRESSURE CHANGES OCCURRING AT THE WELLHEAD AND DEPTH AGREE (THERMAL EQUILIBRIUM IS ACHIEVED)

3. RECOVERY

DATA COLLECTED FOR SAME DURATION AS 400 GPM FLOW TEST

H-P PROBE & WELLHEAD MEASUREMENTS

4. ~~TESTS~~ TESTS SHORT DURATION

1 HOUR DURATION

1 HOUR RECOVERY BETWEEN TESTS

RATES : 800 GPM, 950 GPM, 1100 GPM

5. PUMP TEST - 800 GPM - LONG TERM

LENGTH OF TEST TO BE BASED ON BOUNDARY CONDITIONS SEEN IN FLOW TEST DATA.

6. RECOVERY -

SAME DURATION AS LONG TERM PUMP TEST