WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY 1/3
Log No. 21214
Permit No.
Basin 92A

1. OWNER James R McLeod ADDRESS Antelope Valley Rd. Red Rock Estates # 362?

2. LOCATION NW ¼ NE ¼ Sec. 33 T. 27 N/S R. 19 E. Washoe County
PERMIT NO. 079-420-11? 22 (N) 19 (E)

3. TYPE OF WORK
New Well ☒ Recondition ☐
Deepen ☐ Other ☐

4. PROPOSED USE
Domestic ☒ Irrigation ☐ Test ☐
Municipal ☐ Industrial ☐ Stock ☐

5. TYPE WELL
Cable ☐ Rotary ☒
Other ☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Overburden + DG		0	164	164
D.G. cemented with lite brown clay		164	300	136
Granite with clay streaks + fractures		300	596	296
white + lite gray clay - clear cystrals of sands		596	615	
Tan clay - sands granite -		615	100.4	

T.D. 100.4

"E" Log from 0' to 1000'

Date started 5-30, 1980
Date completed 6-2, 1980

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
Air Blow 8 hrs Clean & Dev.			
400' - 450' - 500'		550'	600'
650'	675'	700'	740'

BAILER TEST
G.P.M. Bailed 14 to 896' Draw down 8 hrs feet hours
G.P.M. Clean Sand from well Draw down feet hours
G.P.M. Draw down feet hours

8. 10 3/8 - 60' WELL CONSTRUCTION
Diameter hole 8 1/2 inches Total depth 1001.4 feet
Casing record 6 5/8 + 5"
Weight per foot Thickness 156.188

Diameter	From	To
6 5/8 inches	0 feet	396 feet
inches	feet	feet
5" inches	390 feet	1001.4 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes ☒ No ☐ Type Concrete
Depth of seal 50 feet
Gravel packed: Yes ☒ No ☐
Gravel packed from 0 feet to 168 feet

Perforations:
Type perforation Factory
Size perforation 3/32 x 3
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

9. WATER LEVEL
Static water level 223 Feet below land surface
Flow Unknown G.P.M. Est. 15
Water temperature 66 °F. Quality

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Aqua Drilling
Address 2255 Glendale Rd Sparks NV
Nevada contractor's license number 15291
Nevada driller's license number 1132
Signed R M Thill
Date 6-6-80

USE ADDITIONAL SHEETS IF NECESSARY

O-627

CENTURY GEOPHYSICAL CORP.
6650 EAST APACHE
TULSA, OKLAHOMA 74115

8836657 - Carson City
427.62

C-366-E SP 11748B

DATE 06-01-80

COMPANY: AQUA DRILLING
BORE HOLE: RED ROCK WATER WELL
AREA: RED ROCK ESTATES
COUNTY: WASHOE
STATE: NEVADA
SECTION: 33
TOWNSHIP: 19N
RANGE: 21E
LOG MEASURED FROM: G.L.

HOLE NO.: RED ROCK H_2O
SEC. 33 TWP. 19N RANGE 21E
AREA: RED ROCK
COUNTY: WASHOE
STATE: NEVADA
COMPANY: AQUA
DATE: 06-01-80
TOTAL FOOTAGE LOGGED: 998'

T.D. DRILLED: 1000'
BIT SIZE: 8.5" In. CASING: —
BORE HOLE FLUID: MUD
DENSITY: — VISCOSITY: —
RESISTIVITY: —
OPERATOR: JOE HORVAT
UNIT NO.: 7619
LOCATION: CARSON CIT
DRIVE: 3.0 Hrs. TIME IN: 2130
STAND BY: 3.0 Hrs. TIME OUT: 2330
LOGGING: 2.0 Hrs.
TOTAL: 8.0 Hrs.
ROUNDTRIP MILEAGE: 112 Miles
CHARGEABLE STANDBY: 2.0 Hrs.

INITIAL RUN

T.D. LOGGED: 998'
GAMMA SCALE: 1K -100 Cps. Per In.
TIME CONSTANT: 2 LOGGING SPEED: 20 Ft./Min.
CALIBRATION & PROBE DATA: —
SOURCE NO.: — SOURCE VALUE: —
PROBE NO.: 010A-109 PROBE SIZE: 1.87" x 54" In.
DETECTOR: NaI Xtal TYPE & SIZE: .875" x 1.25"
DEAD TIME: .093 μS K FACTOR: 1.63×10^{-5}
WATER FACTOR: 1.23 AIR FACTOR: —
R.S. SCALE: 50 ohms per 5 inches
100MV/5IN Mv/In.

GAMMA RERUNS (Initial run offscale)

SCALE - Cps. Per In	SCALE - Cps. Per In.	SCALE - Cps. Per In.
T.C. Sec. / LOGGING SPEED Ft./Min.	T.C. Sec. / LOGGING SPEED Ft./Min.	T.C. Sec. / LOGGING SPEED Ft./Min.
FROM Ft.	FROM Ft.	FROM Ft.
TO Ft.	TO Ft.	TO Ft.
TOTAL	TOTAL	TOTAL

NG, S.P., RES.
H_2O LEVEL: 37'
NW 1/4, NE 1/4 SECTION 33

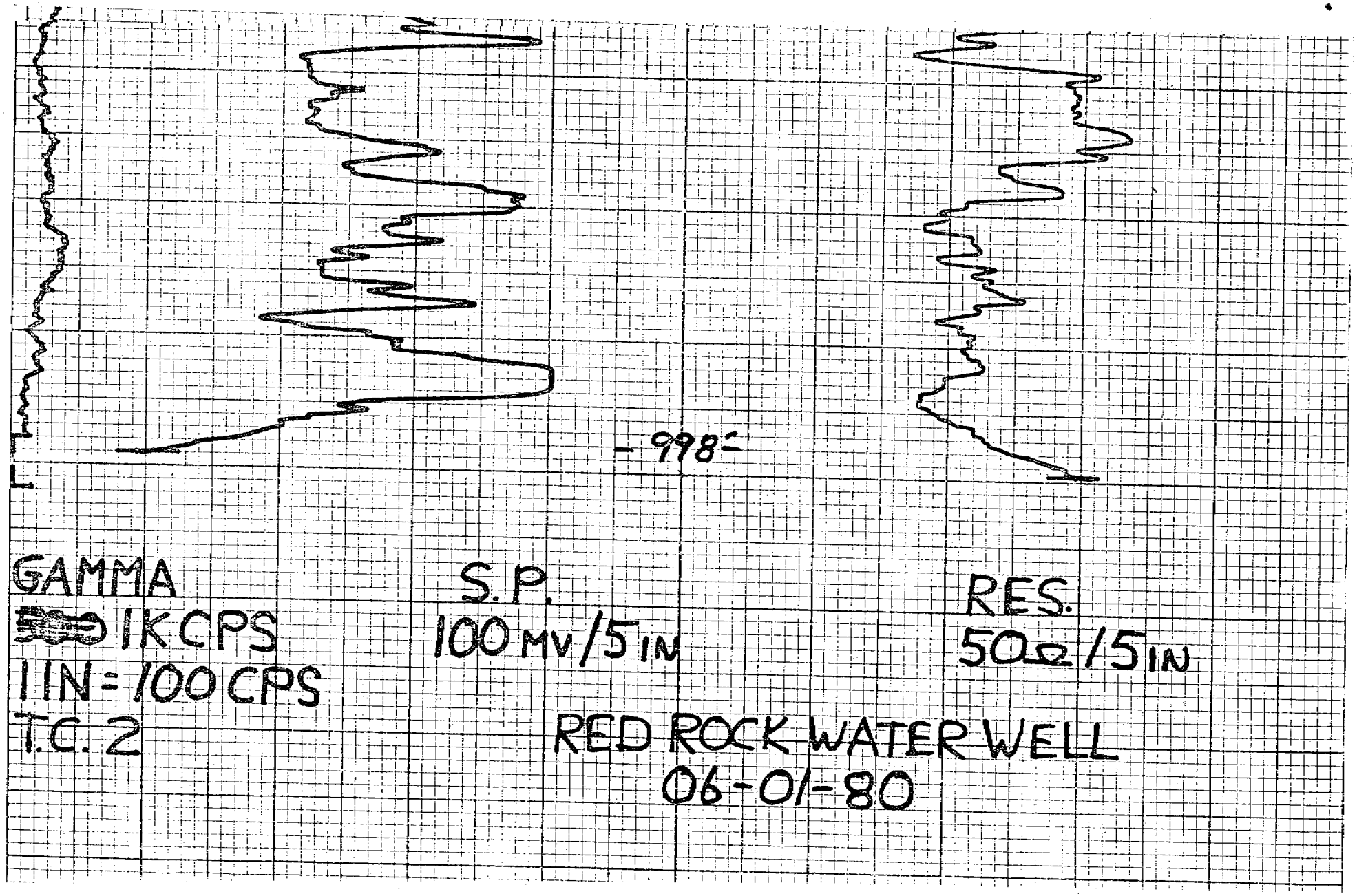
SELF POTENTIAL
− MV +
NATURAL GAMMA RAY
COUNTS PER SECOND

DENSITY

RESISTANCE

T-112

Log # 21214
3/3


998
GAMMA
1K CPS
1 IN = 100 CPS
T.C. 2
S.P.
100 MV/5 IN
RES.
50Ω/5 IN
RED ROCK WATER WELL
06-01-80