DIVISION OF WATER RESOURCES

STATE OF NEVADA
DIVISION OF WATER RESOURCES

# WELL DRILLERS REPORT

**Please complete this form in its entirety**

OFFICE USE ONLY
Log No. 15435
Permit No.
Basin

1. OWNER SIERRA PACIFIC POWER CO ADDRESS NORTH VALMY GENERATING STATION BATTLE MOUNTAIN NEVADA
TH # 12

2. LOCATION NE ¼ NE ¼ Sec. 1AA T. 33 N/S R. 44 E. LANDER County
PERMIT NO.

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 |
|---|---|---|---|---|
| BRN & BLUE CLAY STK BL ROCK | | 582 | 620 | 38 |
| BLACK ROCK | | 620 | 630 | 10 |
| BR SHALE & CLAY | | 630 | 790 | 160 |
| BRN SANDSTONE BR GRAY CLAY | | 790 | 843 | 53 |
| BL GRAY SHALE FEW BL ROCK STK | | 843 | 958 | 115 |
| BL ROCK GRAV & BR SHALE | | 958 | 1060 | 102 |
| GREEN SHALE BR CLAY | | 1060 | 1110 | 50 |
| BL & RED GRAVEL | | 1110 | 1120 | 10 |
| GREEN SHALE | | 1120 | 1140 | 20 |
| BL GRAVEL & ROCK | | 1140 | 1155 | 15 |
| GREEN SHALE | | 1155 | 1162 | 7 |
| BL GRAVEL & ROCK & GREEN SHALE | | 1162 | 1200 | 38 |
| GRAY SHALE | | 1200 | 1240 | 40 |
| BL & BR GRAVEL & ROCK | | 1240 | 1255 | 15 |
| BRN WHITE CLAY GREEN SHALE | | 1255 | 1285 | 30 |
| BL & BRN ROCK | | 1285 | 1292 | 7 |
| GREEN SHALE BR & WHITE CLAY LIMESTKS. | | 1292 | 1324 | 32 |
| FEW CUTUP BLACK ROCK | | | | |

Date started ....., 19.....
Date completed ....., 19.....

7. WELL TEST DATA

| Pump RPM | G.P.M. | Draw Down | After Hours Pump |
|---|---|---|---|
| | | | |

BAILER TEST

G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours

8. WELL CONSTRUCTION

Diameter hole 7 7/8" inches Total depth 1324 feet
Casing record
Weight per foot ..... Thickness

| Diameter | From | To |
|---|---|---|
| inches | feet | feet |
| inches | feet | feet |
| inches | feet | feet |
| inches | feet | feet |
| inches | feet | feet |
| inches | feet | feet |

Surface seal: Yes ☐ No ☐ Type
Depth of seal PACKER 1095 FT. feet
Gravel packed: Yes ☐ No ☐
Gravel packed from ..... feet to ..... feet

Perforations:
Type perforation MILL SLOT
Size perforation
From 1105 feet to 1125 feet
From 1135 feet to 1155 feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet

9. WATER LEVEL

Static water level 14 ABOVE Feet ~~below~~ land surface
Flow 375 G.P.M.
Water temperature 104 ° F. Quality

10. DRILLERS CERTIFICATION

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

Name C. M. BRYANT JR.
Address HOUSTON, TEXAS
Nevada contractor's license number 12323
Nevada driller's license number 557
Signed C. M. Bryant Jr.
Date 3-20-76

USE ADDITIONAL SHEETS IF NECESSARY

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