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. 16243
Permit No.
Basin

1. OWNER SIERRA PACIFIC POWER CO ADDRESS NORTH VALMY GEN. STA
BATTLE MOUNTAIN NEVADA
T. H. # 33

2. LOCATION SW ¼ ¼ Sec. 21 T. 35N N/S R. 45 E. HUMBOLDT 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 |
|---|---|---|---|---|
| SAND GRAVEL & [illegible] | | 0 | 17 | 17 |
| CLAY ROCK STKS. | | 17 | 27 | 10 |
| GRAVEL [illegible] | | 27 | 40 | 13 |
| CLAY STK. SAND & GRAVEL | | 40 | 64 | 24 |
| SAND GRAVEL STK. BR. CLAY | | 64 | 85 | 21 |
| SAND & GRAVEL | | 85 | 95 | 10 |
| GRAY CLAY | | 95 | 115 | 20 |
| SAND GRAVEL SANDSTONE | | 115 | 150 | 35 |
| GRAVEL SANDSTONE CLAY STK | | 150 | 190 | 40 |
| GRAVEL BRN CLAY & ROCK | | 190 | 300 | 110 |
| SAND [illegible] | | 300 | 310 | 10 |
| BLACK ROCK [illegible] | | 310 | 335 | 25 |
| GRAVEL SAND CLAY & SILT | | 335 | 385 | 50 |
| ROCK & SAND STKS. | | 385 | 388 | 3 |
| ROCK BLACK & BROWN | | 388 | 420 | 32 |
| BRN ROCK [illegible] | | 420 | 450 | 30 |
| [illegible] | | [illegible] | 514 | 64 |
| | | | | |
| PACKER SET | | 396 | ft | |
| [illegible] | | | | |
| 396 [illegible] 485 ft. | | | | |

Date started 2 - 28, 1977
Date completed 3 - 5, 1977

7. WELL TEST DATA

| Pump RPM | G.P.M. | Draw Down | After Hours Pump |
|---|---|---|---|
| | 25 | 22 ft | 22 [illegible] |
| | | | |
| | | | |
| | | | |

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 inches Total depth 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 feet
Gravel packed: Yes ☐ No ☐
Gravel packed from feet to feet

Perforations:
Type perforation
Size perforation
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 [illegible] Feet below land surface 10
Flow G.P.M.
Water temperature 69 ° F. Quality Good

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 5573A
Nevada driller's license number 557
Signed C.M. Bryant Jr.
Date 3 - 12 - 77

USE ADDITIONAL SHEETS IF NECESSARY

5471