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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

STATE OF NEVADA
DIVISION OF WATER RESOURCES

# WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

OFFICE USE ONLY
Log No. 47687
Permit No.
Basin 064

NOTICE OF INTENT NO. 21603

1. OWNER S.P.P.C.
MAILING ADDRESS P.O. Box 10100
Reno, NV 89520-0026

ADDRESS AT WELL LOCATION North Valmy Power Generation Plant

2. LOCATION NW ¼ NW ¼ Sec 29 T 35N N/S R 43 E Humbolt County
PERMIT NO. M/O 832 (Issued by Water Resources) 007-351-27 (Parcel No.) Well designated EW-3 (Subdivision Name)

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Abandon ☐ Other

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

5. WELL TYPE
☐ Cable ☒ Rotary ☐ RVC
☒ Air ☐ Other

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thickness |
|---|---|---|---|---|
| Multi colored sands | | 0 | 20 | 20 |
| Multi colored gravels/sands | | 20 | 60 | 40 |

3/8" betonite "hole Plug" was placed from 5' to 24'.

Date started 12-28, 19 94
Date completed 12-28, 19 94

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| 3 | | |

8. WELL CONSTRUCTION
Depth Drilled 60 Feet Depth Cased 44 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | To |
|---|---|---|---|
| 6 1/8 Inches | | 0 Feet | 60 Feet |
| Inches | | Feet | Feet |
| Inches | | Feet | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 2" PVC Schedule #80 | | | 0 | 44 |

Perforations:
Type perforation Factory
Size perforation .020
From 24 feet to 44 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 5'
Placement Method: ☐ Pumped ☒ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout
~~Gravel~~ sand Packed: ☒ Yes ☐ No
From 24 feet to 44 feet

9. WATER LEVEL
Static water level 20'6" feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature °F Quality not tested.

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name MacKay Pump & Geothermal, Inc. (Contractor)
Address 1600 Mt. Rose Hwy (Contractor)
Reno, NV 89511
Nevada contractor's license number issued by the State Contractor's Board 23096
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1719
Signed R. Burr Morley (By driller performing actual drilling on site or contractor)
Date 1-10-'95

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627