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. 47680
Permit No.
Basin 069

NOTICE OF INTENT NO. 21604

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

ADDRESS AT WELL LOCATION North Valmy Power Generation Station

2. LOCATION NE 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-4 (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
Dark sands and gravels		0	40	40
Brown clay		40	47	7
Multi colored gravels				
and volcanics		47	70	23

3/8" betonite "hole plug" was placed from 5' to 27'.

Date started 12-29, 19 94
Date completed 12-29, 19 94

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
5		

8. WELL CONSTRUCTION
Depth Drilled 70 Feet Depth Cased 67 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From (Feet)	To (Feet)
6 1/8	0	70

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2" PVC	Schedule	#80	0	67

Perforations:
Type perforation Factory
Size perforation .020
From 27 feet to 67 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 27 feet to 67 feet

9. WATER LEVEL
Static water level 47'1" 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. Bruce MacKay (By driller performing actual drilling on site or contractor)
Date 1-10-'95

(Rev. 3-91) plugged by well log# 114014 USE ADDITIONAL SHEETS IF NECESSARY (O)-627