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. 47678
Permit No.
Basin 064

NOTICE OF INTENT NO. 21596

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 SE ¼ SE ¼ Sec. 20 T 35N N/S R 43 E Humbolt County
PERMIT NO. M/O 832 (Issued by Water Resources) 007-351-22 (Parcel No.) Well designated LF-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
Gravels		0	20	20
Brown Clay		20	23	3
Gravels/basalt/volcanics		23	83	60

3/8" betonite "Hole Seal" placed from 5' to 63'.

Date started 12-23, 19 94
Date completed 12-23, 19 94

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
20		

8. WELL CONSTRUCTION
Depth Drilled 83 Feet Depth Cased 83 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
6 1/8 Inches		0 Feet	83 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	Sch #80		0	83

Perforations:
Type perforation Factory
Size perforation .020
From 63 feet to 83 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
sand Packed: ☒ Yes ☐ No
From 63 feet to 83 feet

9. WATER LEVEL
Static water level 35'3" feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature warm °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) USE ADDITIONAL SHEETS IF NECESSARY (O)-627