

OFFICE USE ONLY
 Log No. 47684
 Permit No. _____
 Basin 064

PRINT OR TYPE ONLY
 DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

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

NOTICE OF INTENT NO. 28996

1. OWNER S.P.P.C. ADDRESS AT WELL LOCATION North Valmy Power Generation Plant
 MAILING ADDRESS P.O. Box 10100 c/o S.P.P.C. Reno
Reno, NV 89520-0026

2. LOCATION NE 1/4 SE 1/4 Sec 29 T. 35N N/S R. 43 E Humboldt County
 PERMIT NO. M/O 832 007-351-27 Designated Well #OS-3
Issued by Water Resources Parcel No. 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	Thick-ness
Dark Gravels		0	9	9
Sand		9	15	6
Brown Clay		15	25	10
Red Clay		25	34	9
Dark Gravels		34	42	8
Red Volcanics & dark gravels		42	50	8
Hard sands, red volcanics and gravels		50	65	15
Red volcanics, basalt, Calcium Chloride		65	80	15
Red Volcanics CaCl2		80	100	20
Betonite "Hole Plug" placed from 5'-80' 3/8"				

8. WELL CONSTRUCTION
 Depth Drilled 100 Feet Depth Cased 100 Feet

HOLE DIAMETER (BIT SIZE)
 From To
6 1/8 Inches 0 Feet 100 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2" Schedule #80 pipe			0	100

Perforations:
 Type perforation Factory
 Size perforation .020
 From 80 feet to 100 feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 5' Neat Cement
 Placement Method: Pumped Cement Grout
Sand Poured Concrete Grout
 Gravel Packed: Yes No
 From 80 feet to 100 feet

9. WATER LEVEL
 Static water level 72' 10" feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature warm °F Quality not tested

Date started 12-21 1994
 Date completed 12-22 1994

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
10		

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 23096
 issued by the State Contractor's Board
 Nevada driller's license number issued by the 1719
 Division of Water Resources, the on-site driller
 Signed R. Bruce MacKay
 By driller performing actual drilling on site or contractor
 Date 1-10-'95