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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. 21595

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  $\frac{1}{4}$  SE  $\frac{1}{4}$  Sec. 20 T. 35N N/S R. 43 E. Humbolt County  
 PERMIT NO. M/O 832 007-351-22 Well designated LF-2  
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
Gravels w/ sand		0	15	15
Gravels		15	35	20
Brown Clay		35	42	7
Red Volcanics/basalt, CaCl2		42	103	61
3/8" betonite 'hole plug' from 5'-83'				

8. WELL CONSTRUCTION  
 Depth Drilled 103 Feet Depth Cased 103 Feet

HOLE DIAMETER (BIT SIZE)  
 From To  
6 1/8 Inches 0 Feet 103 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	103

Perforations:  
 Type perforation Factory  
 Size perforation .020  
 From 83 feet to 103 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Depth of Seal 5'  Neat Cement  
 Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout  
 sand  
 Casing Packed:  Yes  No  
 From 83 feet to 103 feet

9. WATER LEVEL  
 Static water level 80.0 feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature warm °F Quality not tested

Date started 12-23, 1994  
 Date completed 12-23, 1994

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

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

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