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. 84750
Permit No.
Basin 64

NOTICE OF INTENT NO. 45798

1. OWNER Sierra Pacific Power Co.
MAILING ADDRESS P.O. Box 10100
Reno, Nevada 89520

ADDRESS AT WELL LOCATION North Valmey
Power Generation Station

2. LOCATION SE ¼ SE ¼ Sec. 20 T. 35 N/S R. 43 E. Humbolt County
PERMIT NO. (Issued by Water Resources) 007-351-22 (Parcel No.) Hole No. LF-5 of 2 (Subdivision Name)

3. WORK PERFORMED
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Abandon [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [XX] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [XX] Rotary [ ] RVC
[X] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Top Soil		0	3	3
Gravel & Sand		3	20	17
Clay, Sand & Gravel		20	30	10
Gray Clay		30	50	20
Dark Gray Basalt		50	107	57
Water Bearing Seep	X	107	108	1
Limestone		108	162	54

Date started October 2, 2001
Date completed October 2, 2001

7. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [X] Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
2	19	1

8. WELL CONSTRUCTION
Depth Drilled 161.5 Feet Depth Cased 161.5 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
8 Inches	0 Feet	161.5 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4		Sch. 40 PVC	0	161.5

Perforations:
Type perforation Factory
Size perforation 0.020 Screen
From 141.5 feet to 161.5 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: [XX] Yes [ ] No
Depth of Seal 3 Feet
Placement Method: [ ] Pumped [X] Poured
Packed: [XX] Yes [ ] No
From 132 feet to 161.5 feet

Seal Type: [X] Neat Cement [ ] Cement Grout [ ] Concrete Grout

Silica Sand 10720 3'-129' Grout
129'-132' Bentonite Pell.

9. WATER LEVEL
Static water level 141 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature Cold °F Quality Murky

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Christiansen Drilling, Inc. (Contractor)
Address 557 Ely Avenue (Contractor)
ELy, Nevada 89301

Nevada contractor's license number issued by the State Contractor's Board 14790

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1793

Signed Rick Lewis By Jerald D. Christiansen
(By driller performing actual drilling on site or contractor)

Date November 2, 2001

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