Well #64

WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 85170
Permit No.
Basin 6-67

PRINT OR TYPE ONLY

NOTICE OF INTENT NO.

1. OWNER Sierra Pacific Power
MAILING ADDRESS PO Box 10100
Reno - Nev 89520 - 0026

ADDRESS AT WELL LOCATION

2. LOCATION NW ¼ NE ¼ Sec. 15 T. 19N N/S R 20 E MDBM From which the NE Sec Cor of Said Sec 15 Bears N89° 0'E at a distance of 190 FT Washoe County
Subdivision Name
PERMIT NO. Letter attached
Issued by Water Resources
Parcel No.

3. TYPE OF WORK Dewater
New Well ☐ Recondition ☐
Deepen ☐ Other ☑

4. PROPOSED USE Dewater
Domestic ☐ Irrigation ☐ Test ☐
Municipal ☐ Industrial ☐ Stock ☐

5. TYPE WELL
Cable ☐ Rotary ☑
Other ☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Silt, Sandy		0	13	13
Silt, Boulders				
Silty Sand				
Some Silty Clay		13	20	7
Sand, Cobbles				
gravel		20	50	30
Clay, (Silty)		50	51	1
Sand, Gravel		51	53	2
Note - Drilled				
12¼ in Mud				
Rotary to T.D.				
Abandoned				
11/90 see				
driller file				

'91 FEB -8 A10:29
STATE ENGINEER

Date started Sept 6, 1990
Date completed Sept 8, 1990

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	150	37FT	48 hrs.

BAILER TEST
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours

8. WELL CONSTRUCTION
Diameter 12¼ inches Total depth 53 feet
inches
inches
Casing record 8 5/8 in
Weight per foot ..... Thickness .188

Diameter	From	To
8 5/8 inches	0 feet	53 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes ☐ No ☑ Type
Depth of seal ..... feet
Gravel packed: Yes ☑ No ☐
Gravel packed from 0 feet to 53 feet

Perforations:
Type perforation Mill Slotted
Size perforation 3/32 in. Triple Slotted
From 12 feet to 53 feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet

9. WATER LEVEL
Static water level 17 FT feet below land surface
Flow ..... G.P.M. ..... P.S.I.
Water temperature Not M. °F Quality good

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name W. M. Blain Well Drilling
Contractor
Address 2537 Larry Circle C.C. Nev 89706
Contractor
Nevada contractor's license number issued by the State Contractor's Board 10950
Nevada contractor's driller's number issued by the Division of Water Resources 1118
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1195
Signed C. C. Ogle - ALWEST DRILLING
By driller performing actual drilling on site or contractor
Date Oct 7, 90 + Feb 3 91

(Rev. 11-85) USE ADDITIONAL SHEETS IF NECESSARY (O)-627

LOG OF BORING NW NE Sec 15 19N 20E

BORING NO. DW-64
LOGGED BY Dwight Smith / Jeff Henkelman
DATE 9-6-90
TYPE OF BORING 12-1/4" Direct Rotary

GROUND ELEVATION
GROUND WATER DEPTH Approximately 17'
DATE MEASURED

Basin # 6-817

NOTES	Sample Number	WELL / CONSTR.	Number of Blows	Depth	Log	DESCRIPTION
12:02						0 - 13.0 Dark brown, Very Sandy Silt with occasional cobbles/boulders, 60% silt, 40% fine to coarse grained angular sand predominately lithic (basalts), slightly gravelly at 5'.
12:05	1.5					
12:15	1-10			10		13.0 - 20.0 Dark gray, Interbedded Very Silty Sand and bluish gray Slightly Silty Clay, 20% clays, 40% silt, 40% fine to medium sand.
12:25	1-13					
SWL=17'						20.0 - 50.0 Dark gray, Slightly Cobbley Gravelly Sand, 90% very coarse grained angular lithics (basalt), 10% very coarse grained angular feldspar and quartz.
	1-20			20		
						50.0 - 51.0 Tan and bluish gray Silty Clay.
Connection @ 27'-slow drilling working cobbles 12:50	1-27					51.0 - 53.0 Dark gray, Gravelly Sand, 90% very coarse grained angular lithics (basalt), 10% very coarse grained angular feldspor and quartz.
	1-30			30		
	1-35					
	1-40			40		
1:50						
	1-45					
Connection @ 47' Add 1 sack bentonite 2:10	1-47					
TD @ 53'				50		
2:55	1-53					

AS BUILT:

+1' to 15'	Blank casing, 8" I.D., mild steel, 3/16" wall thickness.
15' to 50'	Perforated casing, 8" I.D., mild steel, 8 rows of triple vertical milled slots, 2" x 1/16".
0 - 53'	Gravel Pack, 1/8" to 3/8" Gopher Rock.