

Well # 45

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

STATE OF NEVADA  
DIVISION OF WATER RESOURCES

OFFICE USE ONLY  
Log No. 85163  
Permit No.  
Basin 6-87

WELL DRILLER'S REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO.

PRINT OR TYPE ONLY

1. OWNER Sierra Pacific Power Co ADDRESS AT WELL LOCATION  
MAILING ADDRESS P.O. Box 10100  
Reno, Nev 89520-0026

2. LOCATION SE 1/4 NW 1/4 Sec. 14 T. 19 N. R. 20 E. MDMM-From which the Whitney County  
PERMIT NO. Letter attached Parcel No. NW Section Cor. of Sec. 14 Bears N.34°15'W  
at distance of 2900 Feet Subdivision Name

3. TYPE OF WORK  
New Well  Recondition   
Deepen  Other De-watering

4. PROPOSED USE De-water  
Domestic  Irrigation  Test   
Municipal  Industrial  Stock

5. TYPE WELL  
Cable  Rotary   
Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Slightly Sandy Silty Clay</u>		<u>0</u>	<u>14</u>	<u>14</u>
<u>Dark grey, Silty SAND</u>		<u>14</u>	<u>25</u>	<u>11</u>
<u>Clayey sand</u>		<u>25</u>	<u>28</u>	<u>3</u>
<u>Silty, Cobbley gravel-sand</u>		<u>28</u>	<u>45.5</u>	<u>16.5</u>
<u>Silty Clay</u>		<u>45</u>	<u>50</u>	<u>5</u>
<u>Dark grey sand</u>		<u>50</u>	<u>53</u>	<u>3</u>

Note - Drilled 12 1/2 IN dia. Mud Rotary to T.D  
Cased + gravel Packed to Surface

Abandoned  
11/20  
see driller file

8. WELL CONSTRUCTION  
Diameter 12 1/4 inches Total depth 50 feet  
Casing record 8 3/8 inches  
Weight per foot 18.8 Thickness  
Diameter From To  
8 3/8 inches 0 feet 50 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 inch Triple Slotted  
From 13 feet to 58 feet  
From feet to feet  
From feet to feet  
From feet to feet  
From feet to feet

Date started Sept 8 1990  
Date completed Sept 9 1990

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	<u>500</u>	<u>35</u>	<u>24</u>

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

9. WATER LEVEL  
Static water level 13 feet below land surface  
Flow G.P.M. P.S.I.  
Water temperature Normal °F Quality Brackish-Cloudy

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 Cir. Carson City 89706 Contractor  
Nevada contractor's license number 10950 issued by the State Contractor's Board  
Nevada contractor's driller's number 1118 issued by the Division of Water Resources  
Nevada driller's license number issued by the Division of Water Resources 1195  
Signed C. C. Blain - Blain Well Drilling driller performing actual drilling on site or contractor  
Date Oct 11, 1990 + Feb 2, 1991

# LOG OF BORING

BORING NO. DW-45 GROUND ELEVATION \_\_\_\_\_  
 LOGGED BY Dwight Smith GROUND WATER DEPTH Approx. 13'  
 DATE 9-8-90 DATE MEASURED \_\_\_\_\_  
 TYPE OF BORING 12-1/4" Direct Rotary

NOTES	Sample Number	WELL	CONSTR.	Number of Blows	Depth	Log	DESCRIPTION
							0 - 14.0 Brown, <u>Slightly Sandy Silty Clay</u> .
12:20	2-5						14.0 - 25.0 Dark gray, <u>Silty Sand</u> , fine to medium grained, 90% lithics (basaltic), 10% feldspar and quartz.
SWL=13'	2-10				10		25.0 - 28.0 Dark gray, <u>Clayey Sand</u> , 20% bluish clay, 80% fine to medium lithic sand.
12:31	2-13						28.0 - 45.5 Dark gray, <u>Slightly Silty Cobbly Gravelly Sand</u> , fairly well graded subrounded to angular, fine to very coarse grained.
12:40	2-20				20		45.5 - 50.0 Tanish brown, <u>Silty Clay</u> .
Rebuild Swivel head	2-25						50.0 - 53.0 Dark gray <u>Sand</u> , fairly well graded subrounded to angular, fine to very coarse grained.
1:30	2-30				30		
	2-35						
	2-40				40		
	2-45						
	2-50				50		
TD @ 53'							

**AS BUILT:**  
 + 3' - 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' to 53' Gravel Pack, 1/8" to 3/8" Gopher Rock.