

OFFICE USE ONLY
 Log No. 20301
 Permit No. 305/2
 Basin.....

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Sierra Pacific Power Co. ADDRESS P.O. Box 10100, Reno, Nv. 89510

2. LOCATION SW 1/4 NE 1/4 Sec. 1 T. 33N N/S R. 43 E Humboldt County
 PERMIT NO.....

3. TYPE OF WORK
 New Well Recondition
 Deepen Other
 4. PROPOSED USE
 Domestic Irrigation Test
 Municipal Industrial Stock
 5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Topsoil		0	10	
Sand & Gravel		10	22	
Silty Clay		22	30	
Sand & Small Gravel		30	45	
Brown Silty Clay		45	47	
Sand & Gravel		47	51	
Brown Silty Clay		51	57	
Sand & Small Gravel		57	64	
Brown Clay, Sand & Gravel		64	87	
Sand & Gravel w/some Clay		87	102	
Brn. Silty Clay w/some Sand		102	115	
Sand & Gravel w/some Clay		115	124	
Brn. Silty Clay w/some Sand		124	147	
Sand & Gravel w/some Clay		147	157	
Sand, Gravel & Clay		157	182	
Brn. Silty Clay w/some Sand		182	195	
Sand & Gravel w/some Clay		195	199	
Brn. Silty Clay, Sand & Gravel		199	202	
Sand & Gravel w/some Clay		202	234	
Brn. Silty Clay w/some Sand		234	244	
Sand & Gravel w/some Clay		244	247	
Brn. Silty Clay, Sand & Gravel		247	251	
Sand, Lg. Gravel & Clay		251	287	
Sand, Gravel, Rock & Clay		287	471	
Brn. Silty Clay, Sand & Gravel		471	481	
Sand, Gravel, Rock, some Clay		481	521	
Rock-Hard		521	526	

8. WELL CONSTRUCTION
 Diameter hole 18 inches Total depth 526 feet
 Casing record 14" Roscoe Moss Steel Casing
 Weight per foot 45.6 Thickness .312

Diameter	From	To
<u>24</u> inches	<u>+2</u> feet	<u>100.5</u> feet
<u>14</u> inches	<u>+2</u> feet	<u>153</u> feet
<u>14</u> inches	<u>253</u> feet	<u>263</u> feet
..... inches feet feet
..... inches feet feet
..... inches feet feet

Surface seal: Yes No Type Cement Grout
 Depth of seal 100 feet
 Gravel packed: Yes No
 Gravel packed from 100 feet to 526 feet

Perforations:
 Type perforation Roscoe Moss Screen Casing
 Size perforation .080 Ful-Flo
 From 153 feet to 253 feet
 From 263 feet to 521 feet
 From feet to feet
 From feet to feet

9. WATER LEVEL
 Static water level 50 Feet below land surface
 Flow..... G.P.M.
 Water temperature..... ° F. Quality.....

Date started April 16, 1979
 Date completed Aug. 22, 1979

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
<u>1650</u>	<u>35</u>	<u>290</u>	<u>46 3/4</u>
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BAILER TEST
 G.P.M. Draw down..... feet hours
 G.P.M. Draw down..... feet hours
 G.P.M. Draw down..... feet hours

10. DRILLERS CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Pete Cope Drilling Co. Inc.
P.O. Box 561
 Address Meridian, Id. 83642
 Nevada contractor's license number 13443
 Nevada driller's license number 691
 Signed Pete Cope
 Date Sept. 5, 1979