

PRINT OR TYPE ONLY
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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

Page 1 of 2 pages
 NOTICE OF INTENT NO. 21668
 SIERRA PACIFIC POWER CO.

Consultant: EBASCO INFRASTRUCTURE Client: _____
 1. OWNER: _____ ADDRESS AT WELL LOCATION: _____
 MAILING ADDRESS: 2525 Natomas Park Dr. Suite 250 Tracy Clark Power Station
Sacramento, CA 95833-2900 I-80 East, Sparks, Nevada
 2. LOCATION: NE 1/4 NW 1/4 Sec. 33 T 20N N/S R 22 E Storey County _____
 PERMIT NO. M/O 381-A MW 10 04-091-11 E of Evaporation Pond & N of RR tracks
 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 TUBEX

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Surface is a light brown, very loose, dry GRAVELLY SAND		0	2	2
GRAVELLY med. to coarse SAND		2	8	6
Becoming more silty and clayey		8	9	1
Dark brown very FINE SANDY SILT		9	17	8
Dark brown, med. plasticity CLAY or CLAYEY SILT		17	18	1
Grades to SILTY SAND		18	19	1
Light brown SILTY FINE SAND w/minor amount of small gravel		19	29	10
Gravel content increasing Grades to SANDY GRAVEL		29	30	1
Gravel becoming cleaner less sand, cuttings are mostly frags. w/ few whole pebbles indicating that the gravels are fairly coarse. Frags are basalt		30	33	3
Encounter large basaltic boulder		33	40	7
Cont. on page 2		40	42	2

8. WELL CONSTRUCTION
 Depth Drilled 61.5 Feet Depth Cased 58.7 Feet
 HOLE DIAMETER (BIT SIZE)
 From 7 1/4 Inches To 61.5 Feet
 _____ Inches _____ Feet
 _____ Inches _____ Feet
 CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2" PVC		sch 40	0	58.7

 Bottom cap, Locking cap, Flush cover
 Stainless Steel Centralizers @44' & 56'
 Perforations:
 Type perforation factory sawed slot
 Size perforation 0.02
 From 43.7 feet to 58.7 feet
 From _____ feet to _____ feet
 Surface Seal: Yes No Seal Type:
 Depth of Seal 38.9 ft. Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
 Bentonite seal: 38.9 - 40.9 ft
 Gravel Packed: Yes No #3 Lone Star sand
 From 40.9 feet to 60 feet

Date started 3-17-93, 19_____
 Date completed 3-17-93, 19_____

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
No test			
Well information recieved via FAX 6-9-96			

9. WATER LEVEL
 Static water level: 46.7 feet below land surface
 Artesian flow: _____ G.P.M. N/A P.S.I.
 Water temperature: N/A °F Quality: N/A

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name WAYNE DRILLING, INC. Contractor
 Address P.O. BOX 12370
RENO, NEVADA 89510 Contractor
 Nevada contractor's license number 22549
 issued by the State Contractor's Board
 Nevada driller's license number issued by the Division of Water Resources the on-site driller: 908
 Signed Wayne Helman
 By driller performing actual drilling on site or contractor
 Date June 10, 1996

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 Cable Rotary RVC
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6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Continued from page 1				
Back into gravel		42	45	3
Continue in sandy gravel w/cobbles. The sand is very coarse & cobbles and pebbles are mostly basalt. A few red, oxidized andesite frags. are also in the cuttings		45	50	5
Cuttings are wet		50	55	5
Cuttings are saturated		55	59	4
Brown, mod. loose to mod. dense SILTY SANDY GRAVEL		59	61.5	2.5

8. WELL CONSTRUCTION
 Depth Drilled _____ Feet Depth Cased _____ Feet
 HOLE DIAMETER (BIT SIZE)
 From _____ To _____
 Inches _____ Feet _____ Feet
 Inches _____ Feet _____ Feet
 Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:
 Type perforation _____
 Size perforation _____
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout
 Depth of Seal _____
 Placement Method: Pumped Poured
 Gravel Packed: Yes No
 From _____ feet to _____ feet

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

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RENO, NEVADA 89510 Contractor
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 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 908
 Signed [Signature] By driller performing actual drilling on site or contractor
 Date June 10, 1996

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