

EP-49

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. 98334

Permit No. _____

Basin. 064

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 52788

1. OWNER Sierra Pacific Power ADDRESS AT WELL LOCATION Sierra Pacific Power
North Valmy Station, Valmy, NV
Valmy, NV 89438

2. LOCATION North 1/2 1/4 Sec 29 T. 35 S. R. 43 E Humboldt County
 PERMIT NO. NDEP NEV 90015 Issued by Water Resources Parcel No. Unavailable 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 U.S.A.

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Silt + Gravel Fill		0	4'	4'
Silt - Gravel Fill		4	10'	6'
Gravelly Sand		10'	23'	13'
Silt		23'	25'	2'
Clay		25'	31 1/2'	6 1/2'
Clayey sand	✓	31 1/2'	36 1/2'	5'
Clay	✓	36 1/2'	37'	1/2'

This well offset to EP-4D

8. WELL CONSTRUCTION (39 1/2 w/above ground)
 Depth Drilled 37 Feet Depth Cased 37 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet
<u>8 1/2"</u>	0	37'	Feet
_____	_____	_____	Feet
_____	_____	_____	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2"</u>		<u>5.40</u>	<u>13</u>	<u>32'</u>
_____	_____	_____	_____	_____

Perforations:
 Type perforation Factory slot
 Size perforation .020"
 From 32' feet to 37' feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 2' Concrete
 Neat Cement
 Cement Grout
 Concrete Grout
 Placement Method: Pumped Poured 12 bags Bentonite

Gravel Packed: Yes No
 From 30' feet to 37' feet

9. WATER LEVEL
 Static water level 33 feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature 85°F Quality _____

Date started 5-11-05, 20_____
 Date completed 5-11-05, 20_____
 RECEIVED
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 WATER RESOURCES DIVISION OFFICE

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			

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Haz-Tech Drilling Inc. Contractor
 Address P.O. Box 940 Contractor
Meridian, ID
 Nevada contractor's license number 0038018 issued by the State Contractor's Board
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller M-2188
 Signed [Signature] By driller performing actual drilling on site or contractor
 Date 5-11-05