

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 95822
Permit No. _____
Basin 021

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

NOTICE OF INTENT NO. 53037

1. OWNER SEMPRA ENERGY RESOURCES ADDRESS AT WELL LOCATION _____
MAILING ADDRESS 101 ASH STREET Smoke Creek (SM1)
SAN DIEGO, CA

2. LOCATION NW 1/4 NE 1/4 Sec. 10 30N N/S R 19 E Washoe County

PERMIT NO. MO-1328 WL 040156 071-040-07
Issued By Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED New Well Replace Recondition Deepen Abandon Other
4. PROPOSED USE Domestic Irrigation Test Monitor Shock Municipal/Industrial
5. WELL TYPE Cable Rotary RVC Air Other

6. LITHOLOGIC LOG

Material	Water Cont.	From	To	Thickness
Sand		0	10	10
Gravel		10	40	30
Clay-Black		40	100	60
Gray clay w/sand		100	115	15
Gray clay		115	150	35
Hard clay with gravel		150	160	10
Clay with sand gravel		160	280	120
Gray clay		280	290	10
Brown and red rock		290	380	90
Red and hard rock		380	420	40
Gray and green rock		420	430	10
Green Basalt		430	460	30
Gray Basalt		460	480	20
Green Basalt		480	505	25
Gray clay		505	512	7
Gray Basalt		512	520	8
Basalt and clay-gray		520	860	340
290 to 860 Bentonite Seal				
220 to 290 Gravel				
10 ft to 220 ft Bentonite Seal				
0 to 10 Neat Cement Seal				

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05 JAN 12 AM 11:34
STATE ENGINEERS OFFICE

8. WELL CONSTRUCTION

Depth Drill 860 Feet Depth Cased 280 Feet
HOLE DIAMETER (BIT SIZE)
From _____ To _____
14 Inches 0 Feet 100 Feet
5 1/2 Inches 100 Feet 860 Feet
Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight (pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8		0.188	Steel +1	100
2		Sch 40	PVC +3	230

Perforations:
Type Perforation Mill Slot
Size Perforation 0.020
From 230 feet to 280 feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type: Neat Cement Cement Grout Concrete Grout
Depth of Seal 100'
Placement Method: Pumped Poured
Gravel Packed: Yes No
From 220 feet to 290 feet
From _____ feet to _____ feet

9. WATER LEVEL
Static Water Level 30 feet below land surface
Artesian flow _____ G.P.M. _____ P.S.I.
Water temperature 70 °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.

Date Started September 13 2004
Date Completed September 20 2004

7. WELL TEST DATA

TEST METHOD: BAILER PUMP AIR LIFT

	G.P.M.	Draw Down (Feet Below)	Time (Hours)
NA			

Name Hydro Resources Nevada Inc. dba Humboldt Drilling and Pump Co.
Address 4975 West Winnemucca Boulevard
Winnemucca, Nevada 89445
Nevada Contractor's license number issued by the State Contractor's Board 56797
Nevada Driller's license number issued by the Division of Water Resources, the on-site driller 2099
Signed: Daryl D. Tompkins Date: 01/06/05
CR Jaynes