STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

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

OFFICE USE ONLY
Log No. 97038
Permit No.
Basin 021

NOTICE OF INTENT NO. 56298

1. OWNER Sempra Energy
MAILING ADDRESS 101 Ash Street HQ10D
San Diego, CA 92101

ADDRESS AT WELL LOCATION SMTW-2

2. LOCATION NE 1/4 NW 1/4 Sec. 5 T 30 N/S R 19 E Washoe County
PERMIT NO. WL 05-0094 Waiver MO-1353
Issued By Water Resources | Parcel No. | Subdivision Name

3. WORK PERFORMED
[x] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Abandon [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [x] Test
[ ] Municipal/Indu [ ] Monitor [ ] Shock

5. WELL TYPE
[ ] Cable [x] Rotary [ ] RVC
[ ] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Cobbles and clay		0	20	20
Sand and gravel		20	50	30
Sandy clay		50	60	10
Sand and gravel		60	90	30
Clay and lake sediment		90	160	70
Hole filled with 60 bags of bentonite hole				
plug from 120 feet to 160 feet				

Date Started 5/31/2005 2004
Date Completed 6/2/2005 2004

7. WELL TEST DATA
TEST METHOD:
[ ] BAILER [ ] PUMP [x] AIR LIFT

G.P.M.	Draw Down (Feet Below	Time (Hours)
100		2 Hr

8. WELL CONSTRUCTION
Depth Drille 160 Feet Depth Cased 105 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
22	Inches	0	Feet	20	Feet
14	Inches	20	Feet	160	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (inches)	Weight (pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16		1/4	0	20
8 5/8		0.188	+3	25
8 5/8		0.188	45	55
8 5/8		0.188	75	85

Type Perforation Wire Wrap Screen
Size Perforation 0.90
From 25 feet to 45 feet
From 55 feet to 75 feet
From 85 feet to 105 feet

Surface Seal: [x] Yes [ ] No
Depth of Seal 22 feet
Seal Type: [x] Neat Cement [ ] Cement Grout [ ] Concrete Grout
hole plug from 47 t
Placement Method: [x] Pumped [ ] Poured
Gravel Packed: [x] Yes [ ] No
From 22 feet to 47 feet
From 53 feet to 120 feet

9. WATER LEVEL
Static Water Level 15 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature °F Quality

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

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 1713
Signed: C. Jaynes Office Date: 06/08/05