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. 97041
Permit No.
Basin 021

NOTICE OF INTENT NO. 54694

1. OWNER Sempra Energy
MAILING ADDRESS 101 Ash Streert HQ10D
San Diego, Ca 92101

ADDRESS AT WELL LOCATION
Squaw Creek (TWSQ1)

2. LOCATION NE 1/4 NW Sec. 21 T 33 N/S R 22 E Washoe County
PERMIT NO. WL 05-0005 Waiver M/O1353 Issued By Water Resources
021-160-44 Parcel No.
Subdivision Name

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

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

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sand		0	30	30
Clay		30	80	50
Sand		80	160	80
Clay		160	185	25
Sand		185	230	45
Clay		230	235	5
Sand		235	353	118
Clay		353	360	7
Sand w/some clay layers		360	510	150

NAD 83
Lat 40. 44.0777
Long 119 30.0873

Date Started February 4 2005
Date Completed February 12 2005

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
600		6 hrs

8. WELL CONSTRUCTION
Depth Drilled 510 Feet Depth Cased 500 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
22	Inches	0	Feet	40	Feet
14	Inches	40	Feet	510	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (inches)	Weight (pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16		0.250	0	40
8 5/8		0.188	+2	120
8 5/8		0.188	160	180
8 5/8		0.188	480	500

Type Perforation Wire Wrap Screen
Size Perforation 0.50
From 120 feet to 160 feet
From 180 feet to 480 feet
From feet to feet

Surface Seal : [X] Yes [ ] No
Depth of Seal 100 feet
Seal Type : [X] Neat Cement [ ] Cement Grout [ ] Concrete Grout
Placement Method : [X] Pumped [ ] Poured
Gravel Packed : [X] Yes [ ] No
From 100 feet to 510 feet
From feet to feet

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

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