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. 97040
Permit No.
Basin 021

NOTICE OF INTENT NO. 56297

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

ADDRESS AT WELL LOCATION Bufflo creek #3

2. LOCATION NW 1/4 SE 1/4 Sec. 30 T 32 N/S R 20 E Washoe County
PERMIT NO. WL 05-0066 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 [ ] Test
[ ] Municipal/Indu [x] Monitor [ ] Shock

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

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thickness |
|---|---|---|---|---|
| Cobbles and clay | | 0 | 10 | 10 |
| Sand and gravel w/small clay layers | | 10 | 185 | 175 |
| Clay | | 185 | 223 | 38 |
| Basalt with some clay | | 223 | 240 | 17 |
| This hole was abandoned with | | | | |
| 1 yard of cement from 130' to 240' | | | | |

Date Started 6/3/2005
Date Completed 6/5/2005

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

| G.P.M. | Draw Down (Feet Below | Time (Hours) |
|---|---|---|
| 10 | | 4hr |
| | | |
| | | |
| | | |

8. WELL CONSTRUCTION
Depth Drill 240 Feet Depth Cased 120 Feet

HOLE DIAMETER ( BIT SIZE )

| | | From | | To | |
|---|---|---|---|---|---|
| 6 | Inches | 0 | Feet | 240 | Feet |
| | Inches | | Feet | | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (inches) | Weight (pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 2 | | Sch 40 | +1 | 100 |
| | | | | |
| | | | | |

Perforations:
Type Perforation Screen
Size Perforation 0.20
From 100 feet to 120 feet
From feet to feet
From feet to feet

Surface Seal : [x] Yes [ ] No
Depth of Seal 98 feet
Seal Type : [x] Neat Cement [ ] Cement Grout [ ] Concrete Grout

Placement Method : [x] Pumped [ ] Poured

Gravel Packed : [x] Yes [ ] No
From 98 feet to 130 feet
From feet to feet

9. WATER LEVEL
Static Water Level 35' 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 : 6/7/05