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. 97043
Permit No.
Basin 021

NOTICE OF INTENT NO. 56291

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

ADDRESS AT WELL LOCATION S M # 2

2. LOCATION NE 1/4 NE 1/4 Sec. 5 T 30 N/S R 19 E Washoe County
Permit No WL 05-0006 Waiver MO-1353
Issued By Water Resources
071-040-07
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
Clay		0	15	15
Clay & gravel		15	20	5
Clay		20	35	15
Clay & gravel		35	50	15
Sandy clay W/volcanic		50	95	45
Gray clay		95	185	90
Hole abandoned from 80' to 185'				
with 150 bags of bentonite hole				
plug				

Date Started 19-Apr 2005
Date Completed 20-Apr 2005

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

G.P.M.	Draw Down (Feet Below	Time (Hours)
5		5

8. WELL CONSTRUCTION
Depth Drill 185 Feet Depth Cased 70 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
22	Inches	0	Feet	40	Feet
14	Inches	40	Feet	185	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (inches)	Weight (pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16		0.25	+1	40
2 1/2		sch. 40 PVC	+2	40

Perforations:
Type Perforation Saw Cut
Size Perforation 0.03
From 40 feet to 70 feet
From feet to feet
From feet to feet

Surface Seal: [x] Yes [ ] No
Depth of Seal 40 feet
Seal Type: [x] Neat Cement [ ] Cement Grout [ ] Concrete Grout
Placement Method: [x] Pumped [ ] Poured
Gravel Packed: [x] Yes [ ] No
From 40 feet to 80 feet
From feet to feet

9. WATER LEVEL
Static Water Level 15 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