WHITE - DIVISION OF WATER RESOURCES
CANARY - CLIENT'S COPY
PINK - WELL DRILLER'S COPY

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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. 95527
Permit No.
Basin 021

NOTICE OF INTENT NO. 53038

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

ADDRESS AT WELL LOCATION SM2 Smoke Creek

2. LOCATION NE 1/4 NW 1/4 Sec. 5 T 30 N/S R 19 E Washoe County
PERMIT NO. MO-1328 WL 040157 (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/Industrial [X] Monitor [ ] Stock

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sand & gravel w/cobbles		0	25	25
Clay		25	30	5
Cobbles		30	53	23
Clay		53	55	2
Cobbles		55	60	5
Volcanic gravel		60	98	38
Yellow clay		98	100	2
Volcanic Gravel		100	105	5
Gray clay		105	110	5
Sand & gravel w/clay		110	200	90
Volcanics		200	300	100
Bentonite Seal from 110				
feet to 300 feet				

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Date started 7/5/04 , 19__
Date completed 7/15/04 , 19__

7. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [ ] Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
30		3 Hrs

8. WELL CONSTRUCTION
Depth Drilled ~~500~~ 300 Feet Depth Cased 100 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
8 3/4	Inches	0 Feet	60 Feet
5 1/2	Inches	60 Feet	500 Feet
	Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2		Sch 40	+1	60

Perforations:
Type perforation Saw Cut
Size perforation .020
From 60 feet to 100 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: [X] Yes [ ] No
Depth of Seal 50
Placement Method: [X] Pumped [ ] Poured
Seal Type: [X] Neat Cement [ ] Cement Grout [ ] Concrete Grout

Gravel Packed: [X] Yes [ ] No
From 50 feet to 110 feet

9. WATER LEVEL
Static water level 13 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature Cold °F Quality Fair

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

Name Humboldt Drilling & Pump Co., Inc. (Contractor)
Address 4675 W. Winnemucca Blvd (Contractor)
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 Gary D. Tompkins / Cry Jones
By driller performing actual drilling on-site or contractor

Date 12/1/04