Washoe Co. Permit #5483

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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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. 30190
Permit No.
Basin 088

NOTICE OF INTENT NO. 29008

1. OWNER Bob Henderson
MAILING ADDRESS 20448 Cooke Dr.
Reno, NV 89511

ADDRESS AT WELL LOCATION same

2. LOCATION SW ¼ SE ¼ Sec. 5 T. 17N N/S R. 20 E. Washoe County

PERMIT NO. (Issued by Water Resources) | Parcel No. 45-280-37 | Subdivision Name

3. WORK PERFORMED
☐ New Well ☐ Replace ☐ Recondition
☒ Deepen ☐ Abandon ☐ Other

4. PROPOSED USE
☒ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☒ Rotary ☐ RVC
☒ Air ☐ Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
This was an 8" well to 157' where we found 6" liner. We drilled a bridged area at about 265-268' and found open hole to 296'. We then drilled from 296-400'. We tried to get the 5" liner to bottom but only got to 365'. We don't know how far the 6" liner extended from 157'. The drilling comprised of black shale with occasional grey to white granite streaks from 296-400'. Water quantity seemed to increase as depth did. There was no definitive fracture or area of greater water bearing.				

Date started 8-28, 19 95
Date completed 8-29, 19 95

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☒ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
25	100	2 hours

Probably capable of 50 gpm at 350'

8. WELL CONSTRUCTION
Depth Drilled 400 Feet Depth Cased 365 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
6 1/8 Inches		296 Feet	400 Feet
Inches		Feet	Feet
Inches		Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
5	9.66	.188	105	365

Perforations:
Type perforation factory
Size perforation 3/32 x 3" single row
From 225 feet to 245 feet
From 265 feet to 325 feet
From 345 feet to 365 feet
From feet to feet
From feet to feet

Surface Seal: ☐ Yes ☐ No
Depth of Seal
Placement Method: ☐ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☐ Yes ☐ No
From feet to feet

9. WATER LEVEL
Static water level 133 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature 72 °F Quality not tested.

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

Name MacKay Pump & Geothermal, Inc. (Contractor)
Address 1600 Mt. Rose Hwy. (Contractor)
Reno, NV 89511

Nevada contractor's license number issued by the State Contractor's Board 23096

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1719

Signed R. Burr MacKay (By driller performing actual drilling on site or contractor)
Date 8-30-95

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627