Washoe Co. Permit #4800

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. 44901
Permit No.
Basin

NOTICE OF INTENT NO. 21543

1. OWNER Bob Merchant
MAILING ADDRESS 75 Pringle Way #1011
Reno, NV 89502

ADDRESS AT WELL LOCATION None available

2. LOCATION NW ¼ ~~SW~~NW ¼ Sec 5 T 20N N/S R 18 E Washoe County
PERMIT NO. 49840 Issued by Water Resources
081-010-09 Parcel No.
Subdivision Name

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

4. PROPOSED USE
~~XXXXXXXX~~ ☐ Irrigation ☐ Test
☒ Municipal/Industrial Quasi ☐ Monitor ☐ Stock

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

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thickness |
|---|---|---|---|---|
| Top soils | | 0 | 8 | 8 |
| Dark Brn Clays | | 8 | 100 | 92 |
| Lt. Brown Clays | | 100 | 150 | 50 |
| Red Clays with sand | | 150 | 300 | 150 |
| Sandstone in clays | | 300 | 315 | 15 |
| Grey/Green-soft rock | | 315 | 340 | 25 |
| Black rock w/loose grvl xx | | 340 | 350 | 10 |

'94 MAY 23 P4:10
STATE ENGINEER

Date started 5-9, 1994
Date completed 5-~~14~~ 16, 1994

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

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| 25+ | | 2 hrs |

8. WELL CONSTRUCTION
Depth Drilled 350 Feet Depth Cased 350 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | To |
|---|---|---|---|
| 10¼ Inches | | 0 Feet | 350 Feet |
| Inches | | Feet | Feet |
| Inches | | Feet | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 6 5/8 | 12.79 | .188 | 0 | 350 |

Perforations:
Type perforation Factory
Size perforation ~~XXXXXX~~ 3/32 x 3"
From 330 feet to 350 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 50
Placement Method: ☐ Pumped ☒ Poured
Seal Type: ☐ Neat Cement ☒ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 50 feet to 350 feet

9. WATER LEVEL
Static water level 117 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature cold °F Quality unknown

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. Bruce MacKay
By driller performing actual drilling on site or contractor
Date ~~XXX~~ 5-13-'94

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