

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

STATE OF NEVADA
 DIVISION OF WATER RESOURCES

OFFICE USE ONLY
 Log No. 46521
 Permit No. _____
 Basin. 091

PRINT OR TYPE ONLY
 DO NOT WRITE ON BACK

PHDAB

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 21568

1. OWNER Bart Jacka ADDRESS AT WELL LOCATION _____
 MAILING ADDRESS P.O. Box 1290 650 Riverdale Circle
Verdi, NV 89439 Verdi, NV

2. LOCATION NE 1/4 SE 1/4 Sec. 7 T. 19N N/S R. 18 E Washoe County
 PERMIT NO. 38-695-16 Verdi Subdivision Name
 Issued by Water Resources Parcel No.

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	Thick-ness
Top soils		0	8	8
Brown clay		8	15	7
Black rock w/ brn clay		15	25	10
Brown/black/white rock		25	50	25
Turquoise rock w/clay		50	60	10
Hard rock/volcanics		60	70	10
Grey clay w/blue rock		70	125	55
Blue rock/grey/white streak		125	140	15
Blue rock w/clays		140	152	12
Turquoise rock/no clay		152	250	98
Fine hard black rock		250	310	60
Water at 280'	x			
Black/green/blue w/ grey rock	x	310	320	10
Picked up more water	xx	320	380	60
Brown volcanics w/ multi color rock	x	380	486	106

8. WELL CONSTRUCTION
 Depth Drilled 486 Feet Depth Cased 486 Feet

HOLE DIAMETER (BIT SIZE)
 From 0 To 486 Feet
9 7/8 Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6 5/8</u>	<u>12.99</u>	<u>.188</u>	<u>0</u>	<u>486</u>

Perforations:
 Type perforation Factory
 Size perforation 3/32 x 3" single row
 From 306 feet to 326 feet
 From 466 feet to 486 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 100' Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No
 From 100 feet to 486 feet

Date started 8-1, 1994
 Date completed 8-12, 1994

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>25</u>		<u>2 hrs</u>

9. WATER LEVEL
 Static water level 162 feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature cold °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 [Signature]
 By driller performing actual drilling on site or contractor
 Date 8-17-94