

PRINT OR TYPE ONLY
 DO NOT WRITE ON BACK

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. 21570

1. OWNER Harry T. Callahan Family Trust ADDRESS AT WELL LOCATION _____
 MAILING ADDRESS 3400 Kauai Court 16600 Callahan Ranch Rd.
Reno, NV 89502 Reno, NV 89511
 2. LOCATION SW 1/4 NW 1/4 Sec 12 T 17N N/S R 19 E Washoe County
 PERMIT NO. 45-490-03 Parcel No. _____ Subdivision Name _____
 Issued by Water Resources

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 Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top soils w/cobbles		0	7	7
Cobbles w/multi colored rocks-		7	27	20
Med. sands with multi colored rocks.	x	27	83	56
Granite and volcanics with fractures. Vary hard drilling	xx	83	150	67

We drilled the well to 150 abut were unable to get casing to bottom. So only 95' seal was pumped.

8. WELL CONSTRUCTION
 Depth Drilled 150 Feet Depth Cased 145 Feet
 HOLE DIAMETER (BIT SIZE)
 From 9 7/8 Inches To 150 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	12.99	.188	0	145

Perforations:
 Type perforation Factory
 Size perforation 3/32 x 3"
 From 95 feet to 145 feet
 From _____ feet to _____ feet
 Surface Seal: Yes No Seal Type:
 Depth of Seal 95' Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
 Gravel Packed: Yes No
 From 95 feet to 145 feet

9. WATER LEVEL
 Static water level 19 feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature cold °F Quality not tested

Date started 8-15, 1994
 Date completed 8-22, 1994

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
22	XXX 1'	4 hours
Pumping level 20		

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 8-24-'94