

Log No. 41738
Permit No. _____
Basin 83

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. 18734

1. OWNER Granite Construction ADDRESS AT WELL LOCATION Lockwood Pit
MAILING ADDRESS P.O. Box 2087
Sparks, NV 89432

2. LOCATION NE 1/4 SE 1/4 Sec. 17 T 19 N/S R. 21 E Washoe County
PERMIT NO. 56332 Issued by Water Resources Parcel No. NA Subdivision Name NA

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	Thickness
Fill dirt & gravel		0	3	3
Boulders w/silty clay		3	23	20
Sandy clay-boulders		23	45	22
Black volcanic bedrock		45	62	17
Red volcanic bedrock		62	78	16
Grey volcanic		78	87	9
Red claystone w/s volcanic cinders		87	600	513

*Water located in fractured claystone from 220' to 600'. Water temperature increased to 121 degrees at total depth. Seems highly mineralized & poor quality.

ABANDON EXISTING WELL
Existing 6" casing perforated from 55' to 155' - 225' to 260' - 280' to 320' with internal air perforator. Tremie pipe installed to 335'. Neat cement pumped from 335' to surface.

8. WELL CONSTRUCTION

Depth Drilled 600 Feet Depth Cased 580 Feet

HOLE DIAMETER (BIT SIZE)

From	To
<u>12 1/4</u> Inches	<u>0</u> Feet <u>580</u> Feet
_____ Inches	_____ Feet _____ Feet
_____ Inches	_____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>8</u>	<u>16.71</u>	<u>.188</u>	<u>0</u>	<u>220</u>
_____	_____	_____	_____	_____

Perforations:
Type perforation Double row mill slot
Size perforation 3/8 X 1/8

From 220 feet to 580 feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
Depth of Seal 60' Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No
From 60 feet to 580 feet

9. WATER LEVEL
Static water level 13 feet below land surface
Artesian flow _____ G.P.M. _____ P.S.I.
Water temperature 121 °F Quality Poor

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 P.O. Box 590 Contractor
Winnemucca, NV 89446
Nevada contractor's license number issued by the State Contractor's Board. 015234
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1713
Signed [Signature]
By driller performing actual drilling on site or contractor
Date 4-30-93

Date started April 30, 1993
Date completed March 9, 1993

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>150</u>		<u>8</u>
_____	_____	_____

STATE ENGINEER'S OFFICE
APR 23 1993