

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY

Log No. 105765
 Permit No. _____
 Basin 068

PRINT OR TYPE ONLY

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

NOTICE OF INTENT NO. ~~12005~~
 NO NOJ

1. OWNER Howard Zimmerman/ Homeland, Inc. ADDRESS AT WELL LOCATION Maggie Lane
 MAILING ADDRESS P.O. Box 10241
NE SE Reno, NV 89511 Subdivision Name: Galena Forrest County: Washoe Co.

2. LOCATION SW 1/4 Sec 10 T17N R19E Latitude 39.35047 UTM E 19 35047 19 35047
 PERMIT/WAIVER NO. 047-032-07 Longitude 119.83002 N 19 35047 NAD 83/WGS 84
 Issued by Water Resources Parcel No. _____

3. WORK PERFORMED New Well Replace Recondition Deepen Other
 4. PROPOSED USE Domestic Municipal/Industrial Irrigation Monitor Test Stock
 5. WELL TYPE Cable Rotary RVC Air Other Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
This well was drilled in 1993 & original log #42024. The well was used for parcel 047-032-06. This well has been capped by welding a steel plate on the top and severing the connection to parcel 06. The pitless adapter has been plugged. The male part of the pitless is inside of the well for future use. The well pump has been removed and the well is perfectly fine for future use for parcel 07.				
This well was not drilled by us. Information on construction is from previous well log.				
Boulders & top soil		0	35	35
Decomposed granite		35	125	90
Volcanic rock		125	300	175
Volcanic red rock	x	300	400	100
Static water shown is as of 5-19-'07. TD measured 396'. Original SWL 170'.				

9. WELL CONSTRUCTION

Depth Drilled 400 Feet Depth Cased 400 Feet

HOLE DIAMETER (BIT SIZE)

From	To
<u>12 1/4</u> Inches	<u>0</u> Feet <u>300</u> Feet
<u>9 7/8</u> Inches	<u>300</u> Feet <u>400</u> 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>17.02</u>	<u>.250</u>	<u>0</u>	<u>400</u>

Perforations:

Type of perforation Factory
 Size of perforation 1/8"

From	To
<u>360</u> feet to <u>400</u> feet	
_____ feet to _____ feet	
_____ feet to _____ feet	
_____ feet to _____ feet	

Annular Seal: Yes No

Material	From (Feet)	To (Feet)	Method
<input type="checkbox"/> Neat Cement	_____	_____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Cement Grout	<u>0</u>	<u>275</u>	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	_____	_____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout	_____	_____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
Gravel Pack: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>275</u>	<u>400</u>	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
Type: _____			
Bentonite Chips: <input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
Type: _____			

Date started: 5-19-07 ~~5-19-201993~~
 Date completed: 5-19-07 ~~6-4-201993~~

7. Water Level
 Static water level: 218 feet below land surface
 Artesian Flow: _____ G.P.M. _____ P.S.I.
 Water Temperature: cold °F
 Quality: _____

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Bruce MacKay Pump & Well Service, Inc.
 (CONTRACTOR)

8. WELL TEST DATA

TEST METHOD:	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift		
<u>G.P.M.</u>		
<u>40</u>		<u>4</u>
_____		_____
_____		_____

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 _____
 Signed R. Bruce MacKay
 By driller performing actual drilling on site or contractor
 Date 5-18-2007