

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. 71626  
Permit No. 87  
Basin

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. 38003

PRINT OR TYPE ONLY  
DO NOT WRITE ON BACK

1. OWNER John Blomquist  
MAILING ADDRESS 8720 Dixon Lane  
Reno, NV 89511  
ADDRESS AT WELL LOCATION Desatoya

2. LOCATION NW 1/4 NW 1/4 Sec. 30 T 18N N/S R 20E E Washoe County  
PERMIT NO. WaCo #5904 049-372-30  
Issued by Water Resources Parcel No. Subdivision Name

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
Fan Material		0	300	300
Gravel/little wtr		300	330	30
Clay/Gravels		330	380	50
Hard black basalt, boulder		380	395	15
Softer-SS w/ pebbles		395	400	15
Hard-Basalt boulder		400	410	10
SS-CS to peb/cobble-rounded		410	430	20
Volcanics		430	440	10
Volcanics, bld angular frag'				
Andesite		440	460	20
Minor clay streak		460	480	20
Same w/ andesite grains		480	520	40
Soft zone/ caving		520	540	20
Clay		540	580	40
Fan, SS, CS, rounded		580	600	20
Fan, rnd qtz, qtzite & volc.		600	620	20
Fan, SS peb, volc, angular		620	640	20
Clay		640	660	20
SS-Fan to CS-rnd, yellow oxide		660	670	10
Whit ang frags, granite bldrs		670	680	10
AA		680	690	10
Ang Frags, Dk gy andesite		690	695	5
AA, ang frags of andesite, bldr		695	700	5
Lt Gr Andesite		700	722	22
Same, wht w/ fractures		722	742	20
Blk/Dk gn Ang-oxidized		742	752	10
Dk Gy to blk andesite		752	762	10

8. WELL CONSTRUCTION  
Depth Drilled 921 Feet Depth Cased 618 Feet  
HOLE DIAMETER (BIT SIZE)  
From To  
10 5/8 Inches 0 Feet 120 Feet  
8 5/8 Inches 120 Feet 430 Feet  
6 1/8 Inches 430 Feet 921 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8"	12.92	.188	0	430
5"	10.79	.188	15	918

Perforations:  
Type perforation Factory  
Size perforation 3/32 x 3" single row  
From 506 feet to 516 feet  
From 526 feet to 536 feet  
From 676 feet to 700 feet  
From 738 feet to 798 feet  
From 818 feet to 898 feet  
Surface Seal:  Yes  No Seal Type:  
Depth of Seal 335  Neat Cement  
Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout  
Gravel Packed:  Yes  No  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Date started 7/15/97, 19\_\_\_\_  
Date completed 05/11/98, 19\_\_\_\_

7. 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		
G.P.M.		
<u>AIR</u> <u>10</u>		<u>6 hr.</u>
<u>Pump</u> <u>14</u>	<u>100</u>	<u>3 hr.</u>

9. WATER LEVEL  
Static water level 557 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 Bruce MacKay Pump & Well Service, 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 5-15-98

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

OFFICE USE ONLY

Log No. 71656  
 Permit No. \_\_\_\_\_  
 Basin 87

**PRINT OR TYPE ONLY  
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Please complete this form in its entirety in  
 accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 38003

1. OWNER **John Blomquist** ADDRESS AT WELL LOCATION \_\_\_\_\_  
 MAILING ADDRESS **8720 Dixon Lane** **Desatoya**  
 Reno, NV 89511

2. LOCATION NW 1/4 NW 1/4 Sec. 30 T 18N N/S R 20E E Washoe County  
 PERMIT NO. **WaCo #5904** **049-372-30** 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

6. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Lighter lite gy-ox frags, fract.		762	772	10
Dk Gy Blk, andesite, soft, ox frags		772	782	10
Blk andesite		782	802	20
Same, some ox frags		802	812	10
Frac, lost circulation		812	820	8
BlkDkOgy Andesite, silicic pyrite,		820	822	2
Hard, silicic, some qtz, Fh Pyrite		822	842	20
Softer, some chalcedony		842	846	4
Harder, blk andesite, AA some Dk Gn		846	860	14
Andesite		860	862	2
Dgy, Blk hard silicic Andesite		862	872	10
AA		872	882	10
Md Gy Bn andesite, softer		882	892	10
M-Dk Gy Bn andesite-fract, fault		892	921	29

8. WELL CONSTRUCTION

Depth Drilled 921 Feet Depth Cased 618 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
<u>10 5/8</u> Inches	<u>0</u> Feet	<u>120</u> Feet
<u>8 5/8</u> Inches	<u>120</u> Feet	<u>430</u> Feet
<u>6 1/8</u> Inches	<u>430</u> Feet	<u>921</u> Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6 5/8"</u>	<u>12.92</u>	<u>.188</u>	<u>0</u>	<u>430</u>
<u>5"</u>	<u>10.79</u>	<u>.188</u>	<u>15</u>	<u>918</u>

Perforations:  
 Type perforation **Factory**  
 Size perforation **3/32 x 3" single row**

From	feet to
<u>506</u>	<u>516</u>
<u>526</u>	<u>536</u>
<u>676</u>	<u>700</u>
<u>738</u>	<u>798</u>
<u>818</u>	<u>898</u>
<u>908</u>	<u>918</u>

Surface Seal:  Yes  No Seal Type:  
 Neat Cement  
 Cement Grout  
 Concrete Grout

Depth of Seal 335  
 Placement Method:  Pumped  Poured  
 Gravel Packed:  Yes  No  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Date started 7/15/97, 19\_\_\_\_  
 Date completed 5/11/98, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:	TEST METHOD:	
	G.P.M.	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	<u>10</u>	<u>6 hr.</u>

9. WATER LEVEL

Static water level 557 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 **Bruce MacKay Pump & Well Service, 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 5-15-98