

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

OFFICE USE ONLY
 Log No. 116636
 Permit No. _____
 Basin 087

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. 69977 ✓

1. OWNER Hugh Jones-Jones Family Trust ADDRESS AT WELL LOCATION 5022 Pleasant View Dr.
 MAILING ADDRESS 5022 Pleasant View Dr. Sparks, NV 89434
 Sparks, NV 8934
 2. LOCATION NE¼NW¼ Sec1T19N / R20E Subdivision Name: _____ County: Washoe
 Latitude 39.548309 UTM E _____ NAD 27
 PERMIT/WAIVER NO. DOM13-01 Parcel No. 030-202-04 Longitude 119.889116 N NAD 83WGS 84
 Issued by Water Resources
 3. WORK PERFORMED New Well Replace Recondition
 Deepen 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	Thickness
Top Soil		0	1	1
Brown clay, volcanic bldrs		1	38	37
Brown to black volcanic rock		38	61	23
Fractured volcanic rock		61	90	29
Brown volcanic rock		90	123	33
Brown to reddish clays		123	138	15
Brown volcanic rock		138	317	179
Clay		317	340	23
Brown Volcanic rock		340	381	41
Gray sandy clay		381	405	24
Fractured gray volcanics	x	405	415	10
Gray hard volcanic rock	x	415	425	10

Washoe Co. Permit WL130001

* Replaces original well log # 29859 which was plugged under NOI 69976, well log No. 116637

39.546437°N (NAD27)
 119.688103°W

9. WELL CONSTRUCTION

Depth Drilled 425 Feet Depth Cased 425 Feet

HOLE DIAMETER (BIT SIZE)

From	To
<u>10 5/8</u> Inches	<u>0</u> Feet <u>55</u> Feet
<u>8 5/8</u> Inches	<u>55</u> Feet <u>425</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>12.92</u>	<u>.188</u>	<u>+1</u>	<u>425</u>

Perforations:

Type of perforation Factory
 Size of perforation 3/32 x 3"

From	To
<u>385</u> feet to	<u>425</u> feet
_____ feet to	_____ feet
_____ feet to	_____ feet
_____ feet to	_____ feet
_____ feet to	_____ feet

Annular Seal: Yes No

Material	From	To	Method
<input checked="" type="checkbox"/> Neat Cement	<u>0</u>	<u>50</u>	<input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	_____	_____	<input 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>50</u>	<u>425</u>	<input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured
Type: <u>1/4 x 1/8"</u>			
Bentonite Chips: <input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
Type: _____			

7. Water Level

Static water level: 318 feet below land surface

Artesian Flow: _____ G.P.M. _____ P.S.I.

Water Temperature: cool °F

Quality: Not Tested

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer			
<input type="checkbox"/> Pump			
<input type="checkbox"/> Air Lift			
<u>Pump</u>	<u>17.5</u>	<u>2</u>	<u>3 Hrs</u>
<u>Air</u>	<u>30</u>	<u>2</u>	<u>3 Hrs</u>

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 (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 923

Signed R. Bruce MacKay

By driller performing actual drilling on site or contractor

Date 2-19-13

Revised

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

OFFICE USE ONLY
Log No. 116636
Permit No.
Basin 087

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. 69977

1. OWNER Hugh Jones-Jones Family Trust
MAILING ADDRESS 5022 Pleasant View Dr.
Sparks, NV 8934

ADDRESS AT WELL LOCATION 5022 Pleasant View Dr.
Sparks, NV 89434

Subdivision Name: County: Washoe

2. LOCATION NE1/4NW1/4 Sec119N / R20E

Latitude 39.546348

UTM E NAD 27

PERMIT/WAIVER NO. DOM13-01

030-202-04

Longitude 119.689122

N NAD 83WGS 84

Issued by Water Resources

Parcel No.

3. WORK PERFORMED
New Well Replace Recondition
Deepen Other

4. PROPOSED USE
Domestic Irrigation Test
Municipal/Industrial Monitor Stock

5. WELL TYPE
Cable Rotary RVC
Air Other

6. LITHOLOGIC LOG

Table with columns: Material, Water Strata, From, To, Thickness. Rows include Top Soil, Brown clay, volcanic bldrs, Brown to black volcanic rock, Fractured volcanic rock, Brown volcanic rock, Brown to reddish clays, Brown volcanic rock, Clay, Brown Volcanic rock, Gray sandy clay, Fractured gray volcanics, Gray hard volcanic rock.

9. WELL CONSTRUCTION

Depth Drilled 425 Feet Depth Cased 425 Feet

HOLE DIAMETER (BIT SIZE)

Table with columns: From, To. Rows show hole diameters at various depths: 10 5/8 inches (0-55 feet), 8 5/8 inches (55-425 feet).

CASING SCHEDULE

Table with columns: Size O.D. (Inches), Weight/Ft. (Pounds), Wall Thickness (Inches), From (Feet), To (Feet). Row: 6 5/8, 12.92, .188, +1, 425.

Perforations:

Type of perforation Factory
Size of perforation 3/32 x 3"
From 385 feet to 425 feet

Annular Seal: Yes No

Neat Cement 0 to 50 Pumped Poured
Cement Grout Pumped Poured
Concrete Grout Pumped Poured
30% Bentonite Grout Pumped Poured
Gravel Pack: Yes No 50 to 425 Pumped Poured
Type: 1/4 x 1/8"
Bentonite Chips: Yes No Pumped Poured

Date started: 2-12, 2013
Date completed: 2-15, 2013

7. Water Level
Static water level: 318 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: cool F
Quality: Not Tested

8. WELL TEST DATA

Table with columns: TEST METHOD, G.P.M., Draw Down (Feet Below Static), Time (Hours). Rows: Pump, Air.

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 (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 923

Signed [Signature] By driller performing actual drilling on site or contractor

Date 2-19-'13