

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

OFFICE USE ONLY
Log No. 125820
Permit No. _____
Basin 088

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. 74918

1. OWNER James Solano ADDRESS AT WELL LOCATION 555 Chance Lane
MAILING ADDRESS PO Box 17838 Reno NV 89521
NE Reno NV 89511 Subdivision Name: _____ County: Washoe

2. LOCATION NE 1/4 NE 1/4 Sec 4 T17N/S R20E Latitude 39.371645 UTM E NAD 27
PERMIT/WAIVER NO. _____ Parcel No. _____ Longitude -119.735240 N NAD 83/WGS 84
Issued by Water Resources 017-400-61

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 Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		0	2	2
Brown Sandy Clay		2	4	2
Boulders		4	7	3
Black Volcanic		7	16	9
Course Sand		16	21	5
Light Brown Clay		21	45	24
Soft Course Sand		45	57	12
Light Brown Clay		57	68	11
Weathered course sand w/ clay		68	104	36
Hard Black Volcanic		104	109	5
Volcanics with clay layers		109	116	7
Hard Fracture Volcanic		116	118	2
Mild soft clay layers		118	124	6
Hard Volcanic Layer		124	129	5
Hard/Gray/Black volcanic		129	160	31
Black/green hard volcanic		160	202	42
Rusty volcanic rock		202	204	2
Salt Pepper Granite		204	234	30
Fractured/weathered granite		234	276	42
Soft fracture zone		276	300	24
Hard Salt Pepper Granite		300	314	14
Gray/granite green rusty rock		314	337	23
Hard Gray Granite		337	342	5
Soft green volcanic		342	354	12
Salt pepper granite		354	364	10
Hard fracture weather granite		364	367	3
Hard salt pepper granite		367	383	16
Small fractures in hard granite		383	400	17

Date started: 07/18, 20 16
Date completed: 07/26, 20 16

9. WELL CONSTRUCTION

Depth Drilled 400 Feet Depth Cased 400 Feet

HOLE DIAMETER (BIT SIZE)

From _____ To _____

10 5/8 Inches _____ 0 Feet _____ 400 Feet

_____ Inches _____ Feet _____ 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>+2</u>	<u>160</u>
<u>5</u>	<u>10.79</u>	<u>.188</u>	<u>155</u>	<u>400</u>

Perforations:

Type of perforation Factory

Size of perforation .060 Double perf.

From _____ feet to _____ feet

Annular Seal: Yes No

Neat Cement _____ to _____ Pumped Poured

Cement Grout _____ to _____ Pumped Poured

Concrete Grout _____ to _____ Pumped Poured

≥30% Bentonite Grout _____ to _____ Pumped Poured

Gravel Pack: Yes No _____ to _____ Pumped Poured

Type: 1/4x1/8

Bentonite Chips: Yes No _____ to _____ Pumped Poured

Type: _____

7. Water Level

Static water level: 15' feet below land surface

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

Water Temperature: 61 °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 checked="" type="checkbox"/> Air Lift	<u>35</u>	<u>NAD 27</u>	<u>2</u>
		<u>39.371734</u>	
		<u>119.734222</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, 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 2362

Signed _____
By driller performing actual drilling on site or contractor

Date 08/02/16