

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

OFFICE USE ONLY  
 Log No. 124997  
 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. **74554**

1. OWNER **Sarah Legg** ADDRESS AT WELL LOCATION **16295 Mt Rose Hwy**  
 MAILING ADDRESS **PO Box 18125** **Reno NV 89511**  
**Reno NV 89511** **Subdivision Name:** \_\_\_\_\_ **County: Washoe**

2. LOCATION **NW 1/4 SE 1/4 Sec 34 T 18 N/S R 19 E** Latitude **39.379128** UTM E \_\_\_\_\_  NAD 27  
 PERMIT/WAIVER NO. **049-070-33** Longitude **-119.835089** N \_\_\_\_\_  NAD 83/WGS 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 **Mud**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Fill		180	185	5
Broken Volcanics	x	185	210	25
Volcanic Rock with clay Layers		210	217	7
Light Brown Sandy Clay		217	244	27
Multicolored Volcanics		244	247	3
Volcanics with Clay Streaks		247	267	20
Fracture	x	267	277	10
Fractured Volcanics	x	277	284	7
Clay		284	291	7
Multicolored Volcanics		291	310	19
Fractured Volcanics	x	310	314	4
Hard Black Volcanics		314	319	5
Volcanics With Clay Layers		319	354	35
Fractured Black Volcanics		354	358	4
Black Hard Volcanics		358	389	31
Fractured Black Volcanics	x	389	407	18
Soft Zone		407	410	3
Fractured Volcanics		410	437	27
Hard Volcanics		437	456	19
Fractured Volcanics	x	456	460	4
Hard Fractured Volcanics		460	464	4
Hard Multicolored Volcanics		464	473	9
Hard Grey Volcanics	x	473	500	27

9. WELL CONSTRUCTION  
 Depth Drilled **500** Feet Depth Cased **500** Feet

HOLE DIAMETER (BIT SIZE)  
 From \_\_\_\_\_ To \_\_\_\_\_  
**7 7/8** Inches **180** Feet **500** Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<b>6 5/8</b>	<b>12.92</b>	<b>.188</b>	<b>160</b>	<b>500</b>

Perforations:  
 Type of perforation **Factory**  
 Size of perforation **.060 Double perf.**  
 From **500** feet to **480** feet  
 From **400** feet to **380** feet  
 From **320** feet to **300** feet  
 From **200** feet to **180** feet  
 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: \_\_\_\_\_  
 Bentonite Chips:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Type: \_\_\_\_\_

Washoe Co. Permit #WL160015  
 Date started: **3/18**, 20 **16**  
 Date completed: **3/24**, 20 **16**

7. Water Level  
 Static water level: **180** feet below land surface  
 Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water Temperature: **58** °F  
 Quality: **not tested**

8. WELL TEST DATA

TEST METHOD:	<input type="checkbox"/> Bailer	<input checked="" type="checkbox"/> Pump	<input type="checkbox"/> Air Lift
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<b>Pump</b>	<b>21</b>	<b>10</b>	<b>3</b>
		<b>NAD 27</b>	
		<b>39.379218</b>	
		<b>119.834067</b>	

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 **2326**  
 Signed *[Signature]*  
 By driller performing actual drilling on site or contractor  
 Date **4/5/16**

*Deepening unknown well log*