STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 123674
Permit No.
Basin 084

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. 73422

1. OWNER Nels Arneson
MAILING ADDRESS 305 Riverboat Rd
NE Dayton NV 89403

ADDRESS AT WELL LOCATION 375 Headgate Trail
Reno, NV 89510
Subdivision Name: County: Washoe

2. LOCATION SE¼ SW¼ Sec 10 T 21N/ R22E
Latitude 39.697755 UTM E ☐ NAD 27
Longitude -119.502054 N ☒ NAD 83/WGS 84

PERMIT/WAIVER NO. 077-420-02
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	Thickness
Brown Clay		0	7	7
Purple Volcanics		7	20	13
Gray Volcanics		20	31	11
Purple Volcanic Rock		31	72	41
Gray Clay & Red Volcanics		72	83	11
Small Fractures - No Water		83	96	13
Gray Volcanics with Clays		96	133	37
Gray Fractured Volcanics		133	172	39
Gray Volcanic Ash		172	187	15
Hard Volcanics	x	187	245	58
Broken Volcanics		245	250	5
Gray Volcanic Clays		250	267	17
Glack & Gray Volcanics		267	280	13
Black Volcanics		280	284	4
Fractured Rock	X	284	288	4
Brown & Yellow Rusty Rock		288	290	2
Black Clay		290	295	5
Green & Grey Clay		295	305	10
Black & Green hard Volcanics		305	307	2
Green & White Clays		307	311	4
Fractured Rock		311	316	5
Clays		316	335	19
NAD 27				
39.697845				
119.501042				

Date started: 7-22, 20 15
Date completed: 7-28, 20 15

9. WELL CONSTRUCTION
Depth Drilled 335 Feet Depth Cased 335 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
10 5/8 Inches	0 Feet	250 Feet
8 1/2 Inches	250 Feet	335 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8	12.92	.188	+2	260

Perforations:
Type of perforation Factory
Size of perforation .060 double row

From	335 feet to	315 feet	
From	295 feet to	285 feet	
From	205 feet to	195 feet	
From	feet to	feet	
From	feet to	feet	

Annular Seal: ☒ Yes ☐ No

☒ Neat Cement	0 to 105	☒ Pumped	☐ Poured
☐ Cement Grout	to	☐ Pumped	☐ Poured
☐ Concrete Grout	to	☐ Pumped	☐ Poured
☐ ≥30% Bentonite Grout	to	☐ Pumped	☐ Poured
Gravel Pack: ☒ Yes ☐ No	105 to 335	☐ Pumped	☒ Poured
Type: 1/4 x 1/8			
Bentonite Chips: ☐ Yes ☐ No	to	☐ Pumped	☐ Poured
Type:			

7. Water Level
Static water level: 164 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: 59 °F
Quality: not tested

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Air	12		2

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
By driller performing actual drilling on site or contractor
Date 8-9-15

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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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