STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 124579
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. 73400

1. OWNER Gary Johnson
MAILING ADDRESS 3650 Fairview
Reno, NV 89511

ADDRESS AT WELL LOCATION 3650 Fairview
Reno, NV 89511
Subdivision Name: County: Washoe

2. LOCATION NW ¼SW¼ Sec12T18N / R19E
Latitude 39.439441 UTM E ☐ NAD 27
Longitude 119.804020 N ☒ NAD 83/WGS 84

PERMIT/WAIVER NO. 040-692-14
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	13	13
Multicolored volcanics,blk sand		13	25	12
Boulders, clay, blk sands		25	55	30
Multicolor volcanics, bldrs		55	73	18
Soft volcanics, coarse sand		73	88	15
Coarse sand, brown clay		88	111	23
Purple volcanics, brown clay		111	128	17
Lt. gray clay,layers of volcanics		128	138	10
Rusty clays,gray sandy clays		138	170	32
Hard weathered volcanics	x	170	188	18
Gray volcanics with streak/clay		188	210	22
Gray volcanics ash, clays		210	235	25
Hard gray volcanics w/clay		235	238	3
Black/purple volcanics	x	238	247	9
Black/gray rusty volcanics	x	247	253	6
Small fractures	x	253	257	4
Lt gray clay, blk rock		257	259	2
Hard black rock		259	269	10
White/gray clay		269	278	9
Hard black rock	x	278	308	30
Clay		308	310	2
White & Gray volcanics		310	370	60
Brown volcanics	x	370	375	5
Gray Volcanics	x	375	385	10
Brown volcanics	x	385	400	15
NAD 27				
39.439530°N				
119.802997°W				

Date started: 5-5, 20 15
Date completed: 5-16, 20 15

7. Water Level
Static water level: 131 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: ☐ Bailer ☐ Pump ☒ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Air	30+		6
Pump	30	156	2

9. WELL CONSTRUCTION
Depth Drilled 310 Feet Depth Cased 308 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	310	Feet
6 1/8	Inches	308	Feet	400	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	90
6 5/8	17.02	.250	100	308
5	10.72	.188	300	400

Perforations:
Type of perforation Factory
Size of perforation .060 double perf. .250 casing
From 278 feet to 308 feet
From 237 feet to 257 feet
From 169 feet to 189 feet
From 5" -300 feet to 5"-400 feet
From feet to feet

Annular Seal: ☐ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☒ Cement Grout 0 to 105 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 105 to 308 ☐ Pumped ☒ Poured
Type: 1/4 x 1/8
Bentonite Chips: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:

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, 1790
Signed [signature]
By driller performing actual drilling on site or contractor
Date 5-18-2015

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY Forms Provided by Forms-On-A-Disk · (214) 340-9429 · FormsOnADisk.com

Replaces Unknown Well log