STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 123712
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. 73429

1. OWNER Richard Keefhaven
MAILING ADDRESS 18124 Wedge Pkwy #449
Reno NV 89511

ADDRESS AT WELL LOCATION 15850 Caswell
Reno, NV 89511
Subdivision Name: County: Washoe

2. LOCATION SW ¼ SE ¼ Sec 34 T 18 N/ R 19 E
PERMIT/WAIVER NO. Dom 15-49 (Issued by Water Resources) 049-080-20 (Parcel. No.)

Latitude 39.375902 UTM E ☐ NAD 27
Longitude -119.833677 N ☒ NAD 83/WGS 84

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
Rusty Weathered Sand		231	244	13
Multi Colored Sands		244	254	10
Multi Colored Volcanic Rock		254	258	4
Sandy Clay		258	264	6
Gray Black Volcanic Rock		264	273	9
Light Brown Clays		273	278	5
Multi Colored Volcanic Layers		278	287	9
Hard Multi Colored Volcanics		287	310	23
Hard Volcanics		310	324	14
Fractured Rock	X	324	328	4
Sandy Clay with Mica		328	345	17
Clay with Hard Volcanic Layers		345	363	18
Hard Gray Fracured Volcanics		363	371	8
Volcanic Layers & Clays		371	385	14

NAD 27
39.375992
119.832655

Date started: 8/24, 20 15
Date completed: 8/25, 20 15

9. WELL CONSTRUCTION
Depth Drilled 385 Feet Depth Cased 385 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6 1/8	Inches	231	Feet	385	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
5	10.79	.188	226	385

Perforations:
Type of perforation Factory
Size of perforation .060 Double Row
From 365 feet to 345 feet
From 325 feet to 305 feet
From feet to feet
From feet to 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:

7. Water Level
Static water level: 149 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: 54 °F
Quality: not tested

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Pump	20	25	4

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 23098
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2328
Signed
By driller performing actual drilling on site or contractor
Date 9-14-15

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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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Deepening unknown well log