STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 113840
Permit No.
Basin 141

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. 66459

1. OWNER Tonopah Public Utilities
MAILING ADDRESS P.O Box 151
Tonopah, NV 89049

ADDRESS AT WELL LOCATION Ralston Valley
Subdivision Name: County: Nye

2. LOCATION NE¼SE¼ Sec32T5N/ R44E
Latitude N4,232,652 UTM E ☐ NAD 27
Longitude E494,926 N ☒ NAD 83/WGS 84

PERMIT/WAIVER NO. M/O-1694 (Issued by Water Resources) None (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
Volcanic Gravel & Silt Sand	X	0	160	160
Broken Red, Brown Volcanic	X	160	195	35
Blue Clay	X	195	220	25

We installed a bentonite seal between the screens for interval quality testing.

Well # Sec. 32 AKA #4

Date started: 5-3, 20 11
Date completed: 5-4, 20 11

7. Water Level
Static water level: 24 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: cool °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	50+		2

9. WELL CONSTRUCTION
Depth Drilled 220 Feet Depth Cased 220 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
8 5/8 Inches	0 Feet	220 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4"	PVC	Sch 80	+2	220

Perforations:
Type of perforation Factory
Size of perforation .020 X 4
From 60 feet to 70 feet
From 80 feet to 100 feet
From 140 feet to 160 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 0 to 55 ☒ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 55 to 220 ☐ Pumped ☒ Poured
Type: 1/4 x 1/8
Bentonite Chips: ☒ Yes ☐ No 74 to 77 ☐ 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 23095
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1790
Signed R. MacKay
By driller performing actual drilling on site or contractor
Date 05-06-11

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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38.241926°N NAD27
117.057072°W