STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 113841
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. 66457 i

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 NW¼NE¼ Sec8T4N/ R44E
Latitude N4,230,476 UTM E ☐ NAD 27
Longitude E494,475 N ☒ NAD 83/WGS 84

PERMIT/WAIVER NO. M/O-1689 (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
Brown Sandy Clay		0	20	20
Sandy gravel & brown Clay	X	20	35	15
Large Gravel	X	35	60	25
Weatherd Volcanic Tuff	X	60	100	40

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

Well # 8A
AKA Well #3

Date started: 4-29, 20 11
Date completed: 5-02, 20 11

7. Water Level
Static water level: 22.5 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)
	45		2
Pump	20-40		2

9. WELL CONSTRUCTION
Depth Drilled 100 Feet Depth Cased 100 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
8 5/8 Inches	0 Feet	100 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	100

Perforations:
Type of perforation Factory
Size of perforation .020 X 4
From 20 feet to 40 feet
From 50 feet to 60 feet
From 80 feet to 100 feet
From feet to feet
From feet to feet

Annular Seal: ☐ Yes ☐ No
☒ Neat Cement 0 to 5 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout 5 to 10 ☒ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 15 to 100 ☐ Pumped ☒ Poured
Type: 1/4 x 1/8
Bentonite Chips: ☒ Yes ☐ No 10 to 15 ☐ 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. Bruce 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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38.222312°N NAD27
117.062209°W