STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116371
Permit No.
Basin 022

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. 66463

1. OWNER Gerlach Sewer Improvement Dist.
MAILING ADDRESS P.O. Box 209, Gerlach, NV 89412 (SW)

ADDRESS AT WELL LOCATION Hwy 447, Gerlach Gerlach, NV 89412
Subdivision Name: County: Washoe

2. LOCATION ~~NW~~¼NW¼ Sec23T32N/ R23E
PERMIT/WAIVER NO. NEV-20010 (Issued by Water Resources) 071-150-03 (Parcel. No.)

Latitude N40°.3853 UTM E ☐ NAD 27
Longitude W119°.2103 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
Top Soil, Clay		0	2	2
Clay With sand streaks		2	14	12

Date started: 9-30, 20 11
Date completed: 9-30, 20 11

9. WELL CONSTRUCTION
Depth Drilled 16 Feet Depth Cased 14 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
6 1/8 Inches	0 Feet	14 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2"		Sch. 80	+2	14

Perforations:
Type of perforation Factory
Size of perforation .050
From 4 feet to 14 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☒ Cement Grout 2' to 0 ☐ Pumped ☒ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 14 to 2'6" ☐ Pumped ☒ Poured
Type: #6 Sand
Bentonite Chips: ☒ Yes ☐ No 2"6" to 2' ☐ Pumped ☒ Poured
Type: 1/4 chips

7. Water Level
Static water level: 4' 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)

40.642265°N NAD27
119.349480°W

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 23096
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 923
Signed R. Bruce MacKay
By driller performing actual drilling on site or contractor
Date 10-04-11

2011 OCT 12 AM 11:16 STATE ENGINEER