STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116652
Permit No.
Basin 033A

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. 68974

1. OWNER Town of Orovada
MAILING ADDRESS PO Box 134
Orovada, NV 89425

ADDRESS AT WELL LOCATION None
Subdivision Name: County: Humbolt

2. LOCATION NW ¼ SE ¼ Sec 34 T 43N / R 37 E
Latitude 41.56042 UTM E ☐ NAD 27
Longitude -117.80338 N ☒ NAD 83/WGS 84

PERMIT/WAIVER NO. NEV90006 (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	Thickness
Brown Silt, Gravel & Sand		0	10	10
Brown Clay & Silt		10	15	5
Sandy Brown Clay		15	30	15
Brown Gravel & Clay		30	40	10
Grey Gravel & Clay		40	45	5
Brown Gravel & Clay		45	60	15
Brown Clay		60	65	5
Brown Gravel, Sands & Clay		65	100	35
Brown Sandy Clay		100	105	5
Sands, Brown Gravel & Clay		105	160	55
Sand & Gravel		160	165	5
Sandy Brown Clay		165	175	10
Gravel, Sand & Brown Clay		175	190	15
Brown Clay		190	195	5
Gravels & Brown Clay		195	204	9

NAD27
41.560523°N
117.802408°W

Replaces well log 36299
original plugged by
115969

Date started: April 10th, 20 13
Date completed: April 12th, 20 13

7. Water Level
Static water level: 134 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: °F
Quality: Not Tested

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1 to 2		4

9. WELL CONSTRUCTION
Depth Drilled 204 Feet Depth Cased 204 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
7 7/8 Inches	0 Feet	204 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	+1	204

Perforations:
Type of perforation Screen
Size of perforation .020
From 139 feet to 199 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 50 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 204 to 135 ☐ Pumped ☒ Poured
Type: 16 x 30
Bentonite Chips: ☒ Yes ☐ No 135 to 50 ☐ 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 (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 1790
Signed R. Bruce MacKay
By driller performing actual drilling on site or contractor
Date 4/17/13