STATE OF NEVADA
DIVISION OF WATER RESOURCES
# WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 123998
Permit No.
Basin No. 072

**PRINT OR TYPE IN BLACK INK ONLY**
**DO NOT WRITE ON BACK**

***Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340***

NOTICE OF INTENT NO. 74092
WELL NAME *(If applicable)*: MW-3

1. OWNER/CLIENT NAME W. Lee Hammond - UPRR
MAILING ADDRESS 1400 Douglas St MS 1030
NW Omaha, NE 68179

DETAILED ADDRESS AT WELL LOCATION
Gerlach, NV
*Subdivision Name:* *County:* Washoe

2. PLS LOCATION ¼ SW ¼ 14 Sec 32 N/S 23 E
PERMIT/WAIVER NO. M/O 2026 *Issued by Water Resources* 071-220-28 *Current Parcel No.*

Latitude UTM E 2412117.21 ☐ NAD 27
Longitude UTM N 15273084.18 ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Deepen: Orig WL#
☐ Replacement: Original well log #
☐ Recondition: Original well log #

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☒ Monitor
☐ Mining / Dewater ☐ Com / Ind ☐ Stock
☐ Test / Other ☐ Mun / QM ☐ Rec

5. WELL TYPE
☒ Auger ☐ Rotary ☐ RVC
☐ Air ☐ Mud ☐ Sonic
☐ Other

6. LITHOLOGIC LOG

| Material Encountered | Lost Circ. | Water Strata | From | To | Thick-ness |
|---|---|---|---|---|---|
| Sand, light brown | | | 0 | 10 | 10 |
| semi-stiff sand stone | | | | | |
| Silty sandy mix, fine | | | 10 | 25 | 15 |
| NAD 27 | | | | | |
| 40.651874°N | | | | | |
| 119.347672°W | | | | | |

Date started: 5-Oct , 20 15
Date completed: 5-Oct , 20 15

9. WELL CONSTRUCTION
Depth Drilled: 25 Feet Depth Cased: 25 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 8 | Inches | 0 | Feet | 25 | 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 40 | 0 | 25 |
| | | | | |
| | | | | |

PERFORATIONS:
Type of perforation: Slot
Size of perforation: 0.01
From 10 Feet To 25 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

| | | | | | |
|---|---|---|---|---|---|
| ☐ Sanitary Seal | | to | | ☐ Pumped | ☐ Poured |
| ☐ Neat Cement | | to | | ☐ Pumped | ☐ Poured |
| ☒ Cement Grout | 0 | to | 6 | ☐ Pumped | ☒ Poured |
| ☐ Concrete Grout | | to | | ☐ Pumped | ☐ Poured |
| ☒ Bentonite Chips | 6 | to | 8 | ☐ Pumped | ☒ Poured |
| ☐ Bentonite Grout | | to | | ☐ Pumped | ☐ Poured |
| ☐ 15 % ☐ 20 % ☐ Other, explain: | | | | | |
| ☐ Gravel Pack [ > 0.2 in. ] | | to | | ☐ Pumped | ☐ Poured |
| ☒ Sand Pack [ < 0.2 in. ] | 8 | to | 25 | ☐ Pumped | ☒ Poured |
| ☐ Other, explain: | | to | | ☐ Pumped | ☐ Poured |

7. WATER QUALITIES
*Static water level:* 15 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: ° Fahrenheit
Water Quality:

8. WELL TEST DATA
*Test Method:* ☐ Bailer ☐ Pump ☐ Air Lift

| G.P.M. | Draw Down (Feet Below Static) | Recorded Time (Hours) |
|---|---|---|
| | | |

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Cascade Drilling, L.P. *Contractor*
Address 3000 Duluth Street West Sacramento, CA 95691 *Contractor*
Nevada contractor's license number as issued by the *State Contractor's Board:* 73966
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2467
Signed: *By driller performing actual drilling on site or contractor*
Date: 3-Nov-15

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(Rev. 08-12) **USE ADDITIONAL SHEETS IF NECESSARY**