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

OFFICE USE ONLY
Log No. 118195
Permit No.
Basin No. 849

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. 69201V
WELL NAME (*If applicable*): MW-7

1. OWNER/CLIENT NAME Union Pacific Railroad
MAILING ADDRESS 221 Hodgeman St.
Laramie, WY 82072

DETAILED ADDRESS AT WELL LOCATION At Park Service Station
Corner of 12th and Silver Elko Nevada
*Subdivision Name:* *County:* Elko

2. PLS LOCATION NW¼ NW ¼ 14 Sec 34 ☒N S 55 E
PERMIT/WAIVER NO. *Issued by Water Resources* *Current Parcel No.*

Latitude UTM E 604984.54 ☒ NAD 27
Longitude UTM N 4521504.05 ☐ 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 | Thickness |
|---|---|---|---|---|---|
| Please see Attach | | | | | |

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Date started: 12-4, 20 12
Date completed: 12-4, 20 12

9. WELL CONSTRUCTION
Depth Drilled: 60 Feet Depth Cased: 60 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 10" | Inches | 0 | Feet | 60' | Feet |
| | Inches | | Feet | | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 4" | | Sch 40 | 0 | 60' |
| | | | | |
| | | | | |

PERFORATIONS:
Type of perforation: Manufactured Slot
Size of perforation: 020
From 45' Feet To 60' Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

| | | | | |
|---|---|---|---|---|
| ☐ Sanitary Seal | | to | | |
| ☐ Neat Cement | 40' | to 0' | ☒ Pumped | ☐ Poured |
| ☐ Cement Grout | | to | ☐ Pumped | ☐ Poured |
| ☐ Concrete Grout | | to | ☐ Pumped | ☐ Poured |
| ☒ Bentonite Chips | 43' | to 40' | ☐ Pumped | ☒ Poured |
| ☐ Bentonite Grout | | to | ☐ Pumped | ☐ Poured |
| ☐ 15 % ☐ 20 % ☐ Other, explain: | | | | |
| ☒ Gravel Pack [ > 0.2 in. ] | 60' | to 43' | ☐ Pumped | ☒ Poured |
| ☐ Sand Pack [ < 0.2 in. ] | | to | ☐ Pumped | ☐ Poured |
| ☐ Other, explain: | | to | ☐ Pumped | ☐ Poured |

7. WATER QUALITIES
*Static water level:* 48' 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) |
|---|---|---|
| | | |
| | | |
| NAD27 | 40.839764°N | |
| | 115.754752°W | |

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Gregg Drilling (Contractor)
Address 950 Howe Ave Martinez, CA 94553 (Contractor)

Nevada contractor's license number as issued by the *State Contractor's Board:* C23-0038113
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* M-2354

Signed: *By driller performing actual drilling on site or contractor*
Date: 12-4-12

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY