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

OFFICE USE ONLY
Log No. 125318
Permit No.
Basin No. 049

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. 72106
WELL NAME (if applicable): 23

1. OWNER/CLIENT NAME Union Pacific Railroad
MAILING ADDRESS 1400 Douglas ST. Omaha, NE 68179

DETAILED ADDRESS AT WELL LOCATION Intersection of W. Commercial St + A. St
Subdivision Name: County: Elko

2. PLS LOCATION SE¼ SW ¼ 15 Sec 34 N/S 55 E
PERMIT/WAIVER NO. m/o-2061 (Issued by Water Resources) 000-036-001 (Current Parcel No)

Latitude UTM E 605,441.3607 ☐ NAD 27
Longitude UTM N 28,459,995.3008 ☐ 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
top soil			0	2
Silty clay			2	7
Sandy clay w/gravel			7	25
tight clay hard			25	30

Date started: 5/3, 20 16
Date completed: 5/3, 20 16

7. WATER QUALITIES
Static water level: 7' 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)
	NAD 27	
	40.828474	
	115.765745	

9. WELL CONSTRUCTION
Depth Drilled: 30 Feet Depth Cased: 30 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6"	Inches	0	Feet	30	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	27.5

ANNULAR MATERIALS
Sanitary Seal ☒ Yes ☐ No

☐ Neat Cement		to		☐ Pumped	☐ Poured
☒ Cement Grout	0	to	20	☐ Pumped	☐ Poured
☐ Concrete Grout		to		☐ Pumped	☐ Poured
☒ Bentonite Chips	20	to	26	☐ Pumped	☐ Poured
☐ Gravel Pack [> 0.2 in.]		to		☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	26	to	30	☐ Pumped	☒ Poured
☐ Other, explain:		to		☐ Pumped	☐ Poured

PERFORATIONS:
Type of perforation: Factory
Size of perforation: Micro bubble sparge

From		To	
27.5	Feet	30	Feet
	Feet		Feet
	Feet		Feet
	Feet		Feet
	Feet		Feet

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Environmental West Exploration (Contractor)
Address 1015 N. Yardley Spokane, WA 99211 (Contractor)
Phone (509) 534-2740
Nevada contractor's license number as issued by the State Contractor's Board: 0028363
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on site driller): 2507
Signed [signature] By driller performing actual drilling on site or contractor
Date: 5/31/16

(Rev 04-16)
USE ADDITIONAL SHEETS IF NECESSARY
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