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

OFFICE USE ONLY
Log No. 117869
Permit No.
Basin No. 179

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. 70198
WELL NAME *(If applicable)*: N/A

1. OWNER/CLIENT NAME NDOT
MAILING ADDRESS 1263 S. Stewart St.
Carson City NV, 89712

DETAILED ADDRESS AT WELL LOCATION US 93
From Lages Junction to Currie
Subdivision Name: *County:* Elko

2. PLS LOCATION NW ¼ SE ¼ 19 Sec 27 N/S 65 E
PERMIT/WAIVER NO. C-275 *Issued by Water Resources* *Current Parcel No.*

Latitude 40* 11.929 N UTM E ☐ NAD 27
Longitude 114* 41.032 W UTM N ☒ 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
Surface Clay and			0'	40'	40'
Cobbles					
Hard Clay			40'	65'	25'
Sand			65'	70'	5'
White Clay with			70'	110'	40'
Cobbles					
Broken Rock with			110'	400'	290'
Clay embedded					

NAD27
40.198885°N
114.683008°W

Date started: 15-Aug, 20 13
Date completed: 16-Aug, 20 13

7. WATER QUALITIES
Static water level: 88.7' Feet below land surface
Artesian Flow: No G.P.M. 0 P.S.I.
Water Temperature: Cool ° Fahrenheit
Water Quality: N/A

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

	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
Constant	400	36.9'	5 Hours

9. WELL CONSTRUCTION
Depth Drilled: 400' Feet Depth Cased: 400' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14 3/4"	Inches	0'	Feet	400'	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8"		.188"	+2'	300'
8 5/8"		.250	300'	400'

PERFORATIONS:
Type of perforation: Double Row Mill Slot
Size of perforation: 0.090"
From 149' Feet To 213' Feet
From 323' Feet To 400' Feet
From Feet To Feet

ANNULAR MATERIALS

☒ Sanitary Seal		to			
☒ Neat Cement	0'	to	130'	☒ Pumped	☐ Poured
☐ Cement Grout		to		☐ Pumped	☐ Poured
☐ Concrete Grout		to		☐ Pumped	☐ Poured
☒ Bentonite Chips	130'	to	140'	☐ Pumped	☒ Poured
☐ Bentonite Grout		to		☐ Pumped	☐ Poured
☐ 15 % ☐ 20 % ☐ Other, explain:					
☒ Gravel Pack [> 0.2 in.]	140'	to	400'	☐ Pumped	☒ Poured
☐ Sand Pack [< 0.2 in.]		to		☐ Pumped	☐ Poured
☐ Other, explain:		to		☐ Pumped	☐ Poured

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Hydro Resources-West, Inc. *Contractor*
Address 4975 W. Winnemucca Blvd. Winnemucca, NV 89445 *Contractor*

Nevada contractor's license number as issued by the *State Contractor's Board:* 56797
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* # 1713

Signed: Michelle Strother *By driller performing actual drilling on site or contractor*
Date:

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