ORIGINAL

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

OFFICE USE ONLY
Log No. 112166
Permit No. 50704/64606
Basin 108

PRINT OR TYPE 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. 64936

1. OWNER NEVADA DEPARTMENT OF WILDLIFE
MAILING ADDRESS 4600 KIETZKE LANE, STE. D-135
RENO NV, 89502

ADDRESS AT WELL LOCATION MASON VALLEY FISH HATCHERY
50 HATCHERY WAY YERINGTON NV, 89447
Subdivision Name: County: Lyon

2. LOCATION SE ¼ NW ¼ Sec 18 T 14N N/S R 26 E
PERMIT/WAIVER No. 50704/64606 (Issued by Water Resources) R-644 Parcel No.
Latitude ~~39° 04.718 N~~
Longitude ~~119° 07.181 W~~
UTM E N
☐ NAD 27 ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☐ New Well ☒ Replace ☐ Recondition
☐ Deepen ☐ Other

4. PROPOSED USE (RECREATION)
☐ Domestic ☐ Irrigation ☐ Test
☒ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☒ RVC
☐ Air ☐ Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
BLOW SAND		0'	2'	2'
SILTY CLAY		2'	7'	5'
SAND		7'	24'	17'
SAND WITH CLAY LAYERS		24'	29'	5'
SAND		29'	43'	14'
SAND WITH CLAY LAYERS		43'	331'	288'
SAND WITH BROWN CLAY		331'	340'	9'
BROWN SILTY CLAY		340'	348'	8'
SAND AND GRAVEL		348'	406'	58'
39.078715°N				
119.118670°W				
NAD 27 (TO)				
THERE IS A 3" GRAVEL				
FEED PIPE FROM +1'-100'.				

Date started: 10-Oct, 20 10
Date completed: 11-Oct, 20 10

9. WELL CONSTRUCTION
Depth Drilled 406' Feet Depth Cased 400' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36"	Inches	0'	Feet	30'	Feet
28"	Inches	30'	Feet	406'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30"		.250"	0'	30'
18"		.312"	+1'	120'
18 5/8"		.312" HSLA	120'	400'

Perforations:
Type of perforation LOUVERED
Size of perforation .090"
From 120' feet to 400' 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 30' ☒ Pumped ☐ Poured
☒ Cement Grout 0' to 100' ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 100' to 406' ☐ Pumped ☒ Poured
Type: BCJ 1/4" X 1/8"
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 45.23' feet below land surface
Artesian Flow: NO G.P.M. 0 P.S.I.
Water Temperature: COOL °F
Quality:

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
CONSTANT	1742	44.19'	8 HOURS

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Hydro Resources-West, Inc. (Contractor)
Address 4975 W. Winnemucca Blvd. (Contractor)
Winnemucca NV, 89445
Nevada contractor's license number issued by the *State Contractor's Board* 56797
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* # 2158 12177
Signed (By driller performing actual drilling on site or contractor)
Date

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY