ORIGINAL

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

OFFICE USE ONLY
Log No. 1163883
Permit No. 60560
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. 68353

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

ADDRESS AT WELL LOCATION MASON VALLEY FISH HATCHERY
Subdivision Name: County: Lyon

2. LOCATION NE ¼ NW ¼ Sec 18 T 14N N/S R 26 E
PERMIT/WAIVER No. 60560 / P12-02 (Issued by Water Resources) Parcel No.

Latitude 39* 04.892 N
Longitude 119* 07.139 W
UTM E N
☐ NAD 27 ☒ NAD 83/WGS 84

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

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

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
TOP SOIL		0'	3'	3'
COARSE SAND		3'	11'	8'
SAND WITH CLAY LAYERS		11'	33'	22'
SAND AND GRAVEL WITH		33'	221'	188'
CLAY LAYERS				
SANDY CLAY WITH SAND AND		221'	308'	87'
GRAVEL LAYERS				
SAND AND GRAVEL WITH		308'	397'	89'
CLAY LAYERS				
CLAY WITH SAND LAYERS		397'	408'	11'
3" SCH. 40 WAS PUT IN AS				
A GRAVEL FEED PIPE.				
IT IS +1' - 105'.				

Date started 15-Jun , 20 12
Date completed: 17-Jun , 20 12

7. Water Level
Static water level 41.8' 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	2,000	60.2'	9.5 HOURS

9. WELL CONSTRUCTION
Depth Drilled 408' Feet Depth Cased 400' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36"	Inches	0'	Feet	30'	Feet
28"	Inches	30'	Feet	408'	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"	+ 2'	120'
18 5/8"		.312"	120'	400'

Perforations:
Type of perforation HSLA LOUVERED
Size of perforation 0.090"
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 408' ☐ Pumped ☒ Poured
Type: BCJ 1/4" X 1/8"
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

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
Signed Michelle Strother (By driller performing actual drilling on site or contractor)
Date 7/10/2012

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 05-06)

39.081571°N NAD27
119.117943°W

2012 JUL 13 AM 10:04 STATE ENGINEERS OFFICE