well name: Well #12

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

OFFICE USE ONLY
Log No. 116332
Permit No. 81560T & 81562T
Basin 108 and

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. 66679

1. OWNER L - M RANCHES / Lawrence C. Masini
MAILING ADDRESS CASINO WEST, 11 NORTH MAIN STREET
YERINGTON NEVADA, 89447

ADDRESS AT WELL LOCATION HOME RANCH WELL # 12
Subdivision Name: County: Lyon

2. LOCATION NE ¼ SE ¼ Sec 33 T 15N N/S R 25 E
PERMIT/WAIVER No. 81560T & 81562T and
Issued by Water Resources
Parcel No.

Latitude 39* 07.095 N
Longitude 119* 10.999 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'	2'	2'
COARSE SAND		2'	10'	8'
SAND WITH SILTY CLAY		10'	95'	85'
SAND AND GRAVEL		95'	137'	42'
SAND AND GRAVEL WITH		137'	242'	105'
SMALL CLAY LAYERS				
COARSE SAND		242'	286'	44'
GRAY CLAY & SAND		286'	297'	11'
SAND AND GRAVEL WITH		297'	387'	90'
SMALL CLAY LAYERS				
CLAY WITH SOME SAND		387'	428'	41'
SAND AND GRAVEL		428'	512'	84'
SAND AND CLAY LAYERS		512'	520'	8'

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Date started: 12-Apr, 20 12
Date completed: 16-Apr, 20 12

9. WELL CONSTRUCTION
Depth Drilled 520' Feet Depth Cased 510' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36"	Inches	0'	Feet	30'	Feet
28"	Inches	30'	Feet	520'	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'	510'
3"		SCH. 40	+1'	103'

Perforations:
Type of perforation MILL SLOT
Size of perforation 0.090"
From 110' D.R. feet to 390' feet
From 430' T.R. feet to 470' feet
From 470' D.R. feet to 510' 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 520' ☐ Pumped ☒ Poured
Type: HUNEWILL 3/8" MINUS
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 38' 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	3,000	106'	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
Signed Michelle Strother (By driller performing actual drilling on site or contractor)
Date 6/4/2012

(Rev. 05-06) USE ADDITIONAL SHEETS IF NECESSARY

39.118332°N
119.182329°W
NAD27