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

OFFICE USE ONLY
Log No. 116927
Permit No.
Basin No. 028

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. 70210
WELL NAME *(If applicable)*: MW-AD

1. OWNER/CLIENT NAME Hycroft Resources & Development
MAILING ADDRESS P.O. Box 3030 Winnemucca, NV 89445

DETAILED ADDRESS AT WELL LOCATION Hycroft Mine
Well ID # 4858
Subdivision Name: *County:* Pershing

2. PLS LOCATION NE ¼ NE ¼ 11 Sec. 34 N/S 28 E
PERMIT/WAIVER NO. M0-1890 *Issued by Water Resources* *Current Parcel No.*

Latitude 40* 49.979 N UTM E ☐ NAD 27
Longitude 118* 47.917 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
Sand			0'	15'	15'
Gravel			15'	110'	95'
Gravel and Clay			110'	160'	50'
Gravel			160'	200'	40'
Gravel and Clay			200'	450'	250'
Sand and Gravel			450'	550'	100'
Silty Clay with some			550'	600'	50'
Gravel					
The bottom portion of					
this borehole was					
plugged to state regs.					
from 340'-600'.					

NAD 27
40.83 3062 N
118.79 7617 W

RECEIVED 2013 JUL -5 PM 1:08 STATE ENGINEERS OFFICE

Date started: 11-Jun, 20 13
Date completed: 12-Jun, 20 13

9. WELL CONSTRUCTION
Depth Drilled: 600' Feet Depth Cased: 330' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
13"	Inches	0'	Feet	20'	Feet
7 7/8"	Inches	20'	Feet	600'	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'	20'
2"		Sch. 40	+2'	330'

PERFORATIONS:
Type of perforation: Screen
Size of perforation: 0.020"
From 280' Feet To 330' Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

☒ Sanitary Seal	0' to 20'			
☒ Neat Cement	0' to 20'	☒ Pumped	☐ Poured	
☐ Cement Grout	to	☐ Pumped	☐ Poured	
☐ Concrete Grout	to	☐ Pumped	☐ Poured	
☒ Bentonite Chips	276' to 278'	☒ Pumped	☐ Poured	
☒ Bentonite Grout	20' to 276'	☒ Pumped	☐ Poured	
☐ 15 % ☐ 20 % ☒ Other, explain:		With Bentonite Chips		
☒ Gravel Pack [> 0.2 in.]	278' to 340'	☐ Pumped	☒ Poured	
☐ Sand Pack [< 0.2 in.]	to	☐ Pumped	☐ Poured	
☐ Other, explain:	to	☐ Pumped	☐ Poured	

7. WATER QUALITIES
Static water level: 179.7" 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)
Airlift	6	N/A	10 Hours

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: 7/2/2013

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