

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

OFFICE USE ONLY
Log No. 116929
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. 70208
WELL NAME (if applicable): MW-AF

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 # 4861
Subdivision Name: _____ County: Pershing

2. PLS LOCATION SE 1/4 NE 1/4 12 Sec 34 N/S 28 E
PERMIT/WAIVER NO. MO-1890
Issued by Water Resources Current Parcel No.

Latitude 40° 49.706 N UTM E NAD 27
Longitude 118° 46.688 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 and Gravel			0'	120'	120'
Gravel and Clay			120'	190'	70'
Clay with small Gravel			190'	240'	50'
Clay & Sand stringers			240'	600'	360'
The bottom portion of this borehole was plugged to state regs. from 360'-600'.					

9. WELL CONSTRUCTION

Depth Drilled: 600' Feet Depth Cased: 350' Feet

HOLE DIAMETER (BIT SIZE)

From	To
13" Inches	0' Feet to 20' Feet
7 7/8" Inches	20' Feet to 600' 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'	350'

PERFORATIONS:

Type of perforation: Screen
Size of perforation: 0.020"

From	To
300' Feet	350' Feet

ANNULAR MATERIALS

<input checked="" type="checkbox"/> Sanitary Seal	0' to 20'	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Neat Cement	0' to 20'	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Bentonite Chips	296' to 298'	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Bentonite Grout	20' to 296'	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> 15 % <input type="checkbox"/> 20 % <input checked="" type="checkbox"/> Other, explain: With Bentonite Chips			
<input checked="" type="checkbox"/> Gravel Pack [> 0.2 in.]	298' to 360'	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
<input type="checkbox"/> Sand Pack [< 0.2 in.]	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Other, explain:	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Date started: 15-Jun, 20 13
Date completed: 17-Jun, 20 13

7. WATER QUALITIES
Static water level: 219.18' Feet below land surface
Artesian Flow: No G.P.M. 0 P.S.I.
Water Temperature: Cool ° Fahrenheit
Water Quality: _____

8. WELL TEST DATA

Test Method: Bailor Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
Airlift	5	N/A	8 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

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

NAD27
40.828467°W
118.77113