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

**OFFICE USE ONLY**
Log No. 115632
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. 70159
WELL NAME *(if applicable)*: PW-13

1. OWNER/CLIENT NAME Hycroft Dev. & Resources Inc.
MAILING ADDRESS PO Box 3030 Winn, NV 89445

DETAILED ADDRESS AT WELL LOCATION Hycroft Mine
*Subdivision Name:* *County:* Pershing

2. PLS LOCATION SW ¼ NW ¼ 18 Sec 34 N/S 29 E
PERMIT/WAIVER NO. WE-003 *Issued by Water Resources* *Current Parcel No.*

Latitude 40* 48.967 N UTM E ☐ NAD 27
Longitude 118* 46.609 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 | Thick-ness |
|---|---|---|---|---|---|
| Sand & Gravel | | | 0' | 160' | 160' |
| Sandy Clay | | | 160' | 320' | 160' |
| Consolidated Sands | | | 320' | 780' | 460' |
| with some small | | | | | |
| gravels | | | | | |

NAD27
40.816249°N
118.775785°W

Date started: 6-Mar , 20 13
Date completed: 15-Mar , 20 13

9. WELL CONSTRUCTION
Depth Drilled: 780' Feet Depth Cased: 770' Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 42" | Inches | 0' | Feet | 50' | Feet |
| 30" | Inches | 50' | Feet | 780' | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 36" | | .375" | 0' | 50' |
| 20.750" | | HSLA .375" | +2' | 770' |
| | | | | |

PERFORATIONS:
Type of perforation: Full Flo Louvered
Size of perforation: 0.080"
From 470' Feet To 770' Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS
☒ Sanitary Seal 0' to 50'
☐ Neat Cement to ☒ Pumped ☐ Poured
☒ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ Bentonite Chips to ☐ Pumped ☐ Poured
☐ Bentonite Grout to ☐ Pumped ☐ Poured
☐ 15 % ☐ 20 % ☐ Other, explain:
☐ Gravel Pack [ > 0.2 in. ] 0' to 780' ☐ Pumped ☒ Poured
☐ Sand Pack [ < 0.2 in. ] to ☐ Pumped ☐ Poured
☐ Other, explain: to ☐ Pumped ☐ Poured

7. WATER QUALITIES
*Static water level:* 285.6' 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) |
|---|---|---|---|
| Constant | 250 | 125.9' | 96 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):* # 2158
Signed: Michelle Strother *By driller performing actual drilling on site or contractor*
Date: 4/8/13

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