



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

OFFICE USE ONLY

Log No. 116060  
Permit No. \_\_\_\_\_  
Basin 028

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. 69949 ✓

1. OWNER HYCROFT DEVELOPMENT & RESOURCES INC. ADDRESS AT WELL LOCATION HYCROFT MINE  
MAILING ADDRESS PO Box 3030 Winnemucca, NV 89445 WELL V - 4645  
Subdivision Name: \_\_\_\_\_ County: Pershing

2. LOCATION SW 1/4 NW 1/4 Sec 18 T 34N N/S R 29 E Latitude 40° 48.969 N UTM E  NAD 27  
PERMIT/WAIVER No. M/O 1864 Longitude 118° 46.607 W N  NAD 83/WGS 84  
Issued by Water Resources Parcel No. \_\_\_\_\_

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	Thick-ness
SAND AND GRAVEL		0'	160'	160'
SANDY CLAY		160'	320'	160'
CONSOLIDATED SANDS		320'	905'	585'
THE BOTTOM PORTION OF THIS BOREHOLE WAS PLUGGED TO STATE REGS. FROM 440'-905'				

9. WELL CONSTRUCTION

Depth Drilled 905' Feet Depth Cased 430' Feet

HOLE DIAMETER (BIT SIZE)

	From	To
<u>12 1/4"</u> Inches	<u>0'</u> Feet	<u>20'</u> Feet
<u>7 7/8"</u> Inches	<u>20'</u> Feet	<u>905'</u> Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>8 5/8"</u>		<u>.188"</u>	<u>+2'</u>	<u>20'</u>
<u>2"</u>		<u>SCH. 40 PVC</u>	<u>+1'</u>	<u>430'</u>

Perforations:

Type of perforation SCREEN  
Size of perforation 0.020"

From	feet to	feet
<u>380'</u>	<u>430'</u>	

Annular Seal:  Yes  No

<input checked="" type="checkbox"/> Neat Cement	<u>0'</u> to <u>20'</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	<u>0'</u> to <u>20'</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	<u>20'</u> to <u>373'</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> ≥30% Bentonite Grout	<u>20'</u> to <u>373'</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Gravel Pack:  Yes  No 378' to 440'  Pumped  Poured  
Type: BCJ 8 X 16

Bentonite Chips:  Yes  No 373' to 378'  Pumped  Poured  
Type: COATED PELLETS

Date started: 5-Dec , 20 12  
Date completed: 8-Dec , 20 12

7. Water Level  
Static water level: 281' 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:  Bailor  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
	<u>NAD 27</u>	
	<u>10.816249° N</u>	
	<u>118.775785° W</u>	

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 # 2483 ✓

Signed Michelle Strother  
By driller performing actual drilling on site or contractor

Date 1/4/2013

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STATE ENGINEERS OFFICE