ORIGINAL

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

OFFICE USE ONLY
Log No. 118634
Permit No. 6624504
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. 70158
WELL NAME *(if applicable)*: PW - 12

1. OWNER/CLIENT NAME HYCROFT RESOURCES & DEV.
MAILING ADDRESS PO BOX 3030
WINNEMUCCA, NV

DETAILED ADDRESS AT WELL LOCATION HYCROFT MINE
Subdivision Name: *County:* Pershing

2. PLS LOCATION SW ¼ NE ¼ 12 Sec 34 N/S 28 E
PERMIT/WAIVER NO. 82480T *issued by Water Resources* *Current Parcel No.*

Latitude 40* 49.702 N UTM E ☐ NAD 27
Longitude 118* 47.226 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'	30'	30'
GRAVEL WITH CLAY			30'	190'	160'
LAYERS					
CONSOLIDATED			190'	640'	450'
SANDS AND GRAVELS					
40.828465°N	NAD 27				
118.786101°W					

Date started: 11-Feb , 20 13
Date completed: 19-Feb , 20 13

RECEIVED 2013 MAR 11 AM 11:40 STATE ENGINEERS OFFICE

9. WELL CONSTRUCTION
Depth Drilled: 640' Feet Depth Cased: 630' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36"	Inches	0'	Feet	50'	Feet
28"	Inches	50'	Feet	640'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30"		.375"	0'	50'
18.625"		HSLA .312"	+3'	630'

PERFORATIONS:
Type of perforation: LOUVERED FULL FLO
Size of perforation: 0.060"
From 400' Feet To 630' 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 640'		☐ Pumped	☒ Poured
☐ Sand Pack [< 0.2 in.]	to		☐ Pumped	☐ Poured
☐ Other, explain:	to		☐ Pumped	☐ Poured

7. WATER QUALITIES
Static water level: 221.45' 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: ☐ Bailer ☒ Pump ☐ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
CONSTANT	740	87.55'	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)*: # 2177
Signed: Michelle Strother *By driller performing actual drilling on site or contractor*
Date: 3/4/2013

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY