ORIGINAL

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

OFFICE USE ONLY
Log No. 116041
Permit No. 82480T
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. 68534

1. OWNER HYCROFT RESOURCES & DEVELOPMENT INC.
MAILING ADDRESS PO BOX 3030
WINNEMUCCA, NV 89445

ADDRESS AT WELL LOCATION HYCROFT MINE
10" TEST WELL (PW-4)
Subdivision Name: County: Pershing

2. LOCATION NW ¼ NW ¼ Sec 1 T 34N N/S R 28 E
PERMIT/WAIVER No. 82480T
Issued by Water Resources Parcel No.

Latitude 40* 51.326 N
Longitude 118* 47.749 W
UTM E N
☐ NAD 27 ☒ NAD 83/WGS 84

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	Thickness
SMALL TO MEDIUM SANDS		0'	50'	50'
AND GRAVELS				
SAND AND GRAVEL IMBEDED		50'	280'	230'
IN CLAY				
MEDIUM GRAVEL IN CLAY		280'	360'	80'
SMALL TO MEDIUM GRAVELS		360'	590'	230'

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Date started: 20-Sep, 20 12
Date completed: 26-Sep, 20 12

9. WELL CONSTRUCTION
Depth Drilled 590' Feet Depth Cased 570' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
26"	Inches	0'	Feet	45'	Feet
17 1/2"	Inches	45'	Feet	590'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20"		.375"	+1'	45'
10 3/4"		.250"	+2'	570'

Perforations:
Type of perforation MILL SLOT DOUBLE ROW
Size of perforation 0.080"
From 270' feet to 570' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No

☐ Neat Cement	0' to 45'	☒ Pumped	☐ Poured
☒ Cement Grout	0' to 170'	☒ Pumped	☐ Poured
☐ Concrete Grout	to	☐ Pumped	☐ Poured
☐ ≥30% Bentonite Grout	to	☐ Pumped	☐ Poured

Gravel Pack: ☒ Yes ☐ No 170' to 590' ☐ Pumped ☒ Poured
Type: SRI 4X12
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 131' 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: ☐ Bailer ☒ Pump ☐ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
CONSTANT	1,200	35'	95 HRS
	40.855532°N		NAD27
	118.794817°W		

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* T1-1154
Signed Michelle Strother (By driller performing actual drilling on site or contractor)
Date 10/11/2012

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY