ORIGINAL

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

OFFICE USE ONLY
Log No. 116048
Permit No. 81279
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. 69933

1. OWNER HYCROFT RESOURCES & DEVELOPMENT
MAILING ADDRESS PO Box 3030
Winnemucca, NV 89445

ADDRESS AT WELL LOCATION HYCROFT MINE
LEWIS WELL #2 - 4463 (PW-9)
Subdivision Name: County: Humboldt

2. LOCATION SE ¼ SE ¼ Sec 17 T 35N N/S R 30 E
PERMIT/WAIVER No. 81279
Issued by Water Resources Parcel No.

Latitude 40* 53.971 N
Longitude 118* 38.306 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
CLAY		0'	40'	40'
RED VOLCANIC GRAVELS		40'	70'	30'
GRAY VOLCANICS		70'	100'	30'
CLAY		100'	140'	40'
RED VOLCANICS		140'	380'	240'

RECEIVED
2013 JAN -7 AM 11:10
STATE ENGINEERS OFFICE

Replaces Well Log 116047
allied Nevada Gold Corp
to file charge application

Date started: 1-Nov , 20 12
Date completed: 7-Nov , 20 12

9. WELL CONSTRUCTION
Depth Drilled 380' Feet Depth Cased 371' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
24"	Inches	0'	Feet	100'	Feet
17 1/4"	Inches	100'	Feet	380'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
18"		.312"	0'	100'
10 3/4"		.250" HSLA	+2'	371'

Perforations:
Type of perforation FULL FLOW LOUVERED
Size of perforation 0.100"
From 120' feet to 371' 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 100' ☒ Pumped ☐ Poured
☒ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 0' to 380' ☐ Pumped ☒ Poured
Type: BCJ 1/4" X 1/8"
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 140.68' 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	100	145.88'	63 HOURS
		NAD 27	
		40.899832°N	
		118.637539°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* # 1713
Signed Michelle Strother
By driller performing actual drilling on site or contractor
Date 1/4/2013

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY