ORIGINAL

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

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

OFFICE USE ONLY
Log No. 116560
Permit No.
Basin No. 028

NOTICE OF INTENT NO. 69948
WELL NAME *(If applicable)*: MW - U

1. OWNER/CLIENT NAME HYCROFT RESOURCES & DEV.
MAILING ADDRESS PO BOX 3030
WINNEMUCCA, NV 89445

DETAILED ADDRESS AT WELL LOCATION HYCROFT MINE
WELL I.D. # 4682
Subdivision Name: *County:* Pershing

2. PLS LOCATION SE ¼ NW ¼ 13 Sec 34 N/S 28 E
PERMIT/WAIVER NO. MO - 1864 *Issued by Water Resources* *Current Parcel No.*

Latitude 40* 48.847 N UTM E ☐ NAD 27
Longitude 118* 47.445 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 AND CLAY			0'	20'	20'
SAND, GRAVEL, AND			20'	510'	490'
COBBLES					
CONSOLIDATED			510'	600'	90'
SAND AND GRAVEL					
WITH CLAY					
40.814215°N	NAD27				
118.789751°W					

Date started: 12-Feb , 20 13
Date completed: 24-Feb , 20 13

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9. WELL CONSTRUCTION
Depth Drilled: 600' Feet Depth Cased: 450' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12 1/4"	Inches	0'	Feet	20'	Feet
6 1/2"	Inches	20'	Feet	600'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8"		.188"	+2'	20'
2 1/2"		SCH. 80	+2'	450'

PERFORATIONS:
Type of perforation: SCREEN
Size of perforation: 0.020"
From 400' Feet To 450' Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

☐ Sanitary Seal		to			
☒ Neat Cement	0'	to	20'	☒ Pumped	☐ Poured
☐ Cement Grout		to		☐ Pumped	☐ Poured
☐ Concrete Grout		to		☐ Pumped	☐ Poured
☒ Bentonite Chips	393'	to	398'	☐ Pumped	☒ Poured
☒ Bentonite Grout	0'	to	393'	☒ Pumped	☐ Poured
☐ 15 % ☐ 20 % ☒ Other, explain: 30%					
☒ Gravel Pack [> 0.2 in.]	398'	to	450'	☐ Pumped	☒ Poured
☐ Sand Pack [< 0.2 in.]		to		☐ Pumped	☐ Poured
☐ Other, explain:		to		☐ Pumped	☐ Poured

7. WATER QUALITIES
Static water level: 236.06' 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)
AIR LIFT	2	N/A	30 HRS

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)*: # 2483
Signed: Michelle Strothes *By driller performing actual drilling on site or contractor*
Date: 3/4/2013

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