

ORIGINAL

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

OFFICE USE ONLY
Log No. 116054
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. 69942

1. OWNER HYCROFT DEVELOPMENT & RESOURCES INC. ADDRESS AT WELL LOCATION HYCROFT MINE
 MAILING ADDRESS PO Box 3030 WELL O - 4611
Winnemucca, NV 89445
 Subdivision Name: _____ County: Pershing

2. LOCATION NE 1/4 NW 1/4 Sec 12 T 34N N/S R 28 E Latitude 40° 49.962 N UTM E NAD 27
 PERMIT/WAIVER No. M/O 1864 Longitude 118° 47.396 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 Stock
 Municipal/Industrial Monitor

5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
SAND		0'	30'	30'
SAND AND GRAVEL WITH CLAY LENSES		30'	280'	250'
CONSOLIDATED SANDS		280'	580'	300'
SAND AND CLAY		580'	610'	30'
THE BOTTOM PORTION OF THIS BOREHOLE WAS PLUGGED TO STATE REGS. FROM 430'-610'.				

9. WELL CONSTRUCTION

Depth Drilled 610' Feet Depth Cased 430' Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet
<u>14 3/4"</u>	0'	20'	Feet
<u>7 7/8"</u>	20'	610'	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	To	Feet
<u>380'</u>	<u>430'</u>	feet
From	feet to	feet
From	feet to	feet
From	feet to	feet

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>365'</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> ≥30% Bentonite Grout	<u>20'</u> to <u>365'</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Gravel Pack: Yes No 378' to 430' Pumped Poured
 Type: BCJ 8 X 16

Bentonite Chips: Yes No 365' to 378' Pumped Poured
 Type: COATED PELLETS

Date started: 27-Nov , 20 12
 Date completed: 28-Nov , 20 12

7. Water Level
 Static water level: 200' 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)
	<u>NAD 27</u>	
	<u>40.932799 PN</u>	
	<u>118.788934 PN</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 # 1713

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

Date 1/4/2013