ORIGINAL

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

OFFICE USE ONLY
Log No. 116055
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. 69943

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

ADDRESS AT WELL LOCATION HYCROFT MINE
WELL P - 4499
Subdivision Name: County: Pershing

2. LOCATION SW ¼ NE ¼ Sec 12 T 34N N/S R 28 E
PERMIT/WAIVER No. MO - 1864 (Issued by Water Resources) Parcel No.
Latitude 40* 49.697 N
Longitude 118* 47.226 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 (mud) ☐ RVC ☐ Air ☐ Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
SAND		0'	30'	30'
GRAVEL WITH CLAY LAYERS		30'	190'	160'
CONSOLIDATED GRAVELS		190'	680'	490'
WITH CLAY				
THE BOTTOM PORTION OF				
THIS BOREHOLE WAS				
PLUGGED TO STATE REGS.				
FROM 440'-680'.				

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

Date started: 14-Nov, 20 12
Date completed: 16-Nov, 20 12

9. WELL CONSTRUCTION
Depth Drilled 680' Feet Depth Cased 430' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12 1/4"	Inches	0'	Feet	20'	Feet
7 7/8"	Inches	20'	Feet	680'	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"		SCH. 40 PVC	+2'	430'

Perforations:
Type of perforation SCREEN
Size of perforation 0.020"
From 280' feet to 430' 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 20' ☒ Pumped ☐ Poured
☐ Cement Grout 0' to 20' ☒ Pumped ☐ Poured
☐ Concrete Grout ~~20'~~ to ~~275'~~ ~~☒ Pumped~~ ☐ Poured
☒ ≥30% Bentonite Grout 20' to 275 ☒ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 278' to 440' ☐ Pumped ☐ Poured
Type: BCJ 8 X 16
Bentonite Chips: ☒ Yes ☐ No 275' to 278' ☐ Pumped ☒ Poured
Type: COATED PELLETS

7. Water Level
Static water level: 221' 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)
	NAD 27	
	40.828382°	N
	118.787201	°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 # 2483
Signed Michelle Strother (By driller performing actual drilling on site or contractor)
Date 1/4/2013

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY