ORIGINAL

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

OFFICE USE ONLY
Log No. 116050
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. 68537

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

ADDRESS AT WELL LOCATION HYCROFT MINE
WELL M - 4501
Subdivision Name: County: Pershing

2. LOCATION NW ¼ NE ¼ Sec 1 T 34N N/S R 28 E
PERMIT/WAIVER No. M/O - 1860 (Issued by Water Resources) Parcel No.

Latitude 40* 51.097 N
Longitude 118* 46.994 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'	10'	10'
SAND AND CLAY LENSES		10'	710'	700'
THE BOTTOM PORTION OF THIS BOREHOLE WAS PLUGGED TO STATE REGS. FROM 630'-710'.				

Date started: 17-Oct, 20 12
Date completed: 18-Oct, 20 12

9. WELL CONSTRUCTION
Depth Drilled 710' Feet Depth Cased 620' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12 1/4"	Inches	0'	Feet	20'	Feet
7 7/8"	Inches	20'	Feet	710'	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. 80 PVC	+1.5'	620'

Perforations:
Type of perforation SCREEN
Size of perforation 0.020"
From 400' feet to 620' 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 ~~390'~~ ☒ Pumped ☐ Poured
☒ ≥30% Bentonite Grout 20 to 390 ☒ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 398' to 630' ☐ Pumped ☒ Poured
Type: BCJ 8X16
Bentonite Chips: ☒ Yes ☐ No 390' to 398' ☐ Pumped ☒ Poured
Type: COATED PELLETS

7. Water Level
Static water level: 141' 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)
	NAD27	
	40.851716	°N
	118.782234	°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 11/14/2012

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY