ORIGINAL

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

OFFICE USE ONLY
Log No. 115975
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. 68533

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

ADDRESS AT WELL LOCATION HYCROFT MINE
"Well G-deep" WG-4390
Subdivision Name: County: Humboldt

2. LOCATION SW ¼ NE ¼ Sec 31 T 35N N/S R 29 E
PERMIT/WAIVER No. M/O - 1851 R-708
Issued by Water Resources Parcel No.

Latitude 40* 51.980 N
Longitude 118* 46.440 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
SAND		0'	100'	100'
SAND, GRAVEL AND CLAY		100'	200'	100'
GRAVEL		200'	250'	50'
GRAVEL AND CLAY		250'	350'	100'
GRAVEL		350'	420'	70'
CLAY		420'	550'	130'
GRAVEL		550'	600'	50'
FINE CONSOLIDATED SANDS		600'	750'	150'
CLAY		750'	760'	10'
SAND AND CLAY		760'	780'	20'
COARSE SAND		780'	900'	120'
SANDY CLAY		900'	1510'	610'
THE BOTTOM PORTION OF THIS BOREHOLE WAS ABANDON WITH NEAT CEMENT FROM 520'-1510'				

Date started: 14-Sep, 20 12
Date completed: 18-Sep, 20 12

9. WELL CONSTRUCTION
Depth Drilled 1510' Feet Depth Cased 510' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12 1/4"	Inches	0'	Feet	20'	Feet
7 7/8"	Inches	20'	Feet	1510'	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'	510'

Perforations:
Type of perforation SCREEN
Size of perforation 0.020"
From 350' feet to 510' 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 348' ☒ Pumped ☐ Poured
☒ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 348' to 520' ☐ Pumped ☒ Poured
Type: CEMEX 8X16
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 100' 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)
40.	866432 °N	NAD27
118.	773001 °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 10/11/2012

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY