ORIGINAL

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

OFFICE USE ONLY
Log No. 116057
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. 69945

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

ADDRESS AT WELL LOCATION HYCROFT MINE
WELL R - 4504
Subdivision Name: County: Pershing

2. LOCATION NE ¼ SE ¼ Sec 12 T 34N N/S R 28 E
PERMIT/WAIVER No. MO - 1864 (Issued by Water Resources) Parcel No.

Latitude 40° 49.467 N
Longitude 118° 46.932 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
SURFACE CLAY		0'	10'	10'
COARSE GRAVEL		10'	90'	80'
CLAY		90'	100'	10'
GRAVEL WITH CLAY LAYERS		100'	210'	110'
CONSOLIDATED SAND		210'	600'	
THE BOTTOM PORTION OF THIS BOREHOLE WAS PLUGGED TO STATE REGS. FROM 350'-600'.				

Date started 15-Nov, 20 12
Date completed: 18-Nov, 20 12

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9. WELL CONSTRUCTION
Depth Drilled 600' Feet Depth Cased 330' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12 1/4"	Inches	0'	Feet	35'	Feet
7 7/8"	Inches	35'	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'	35'
2"		SCH. 40 PVC	+2'	330'

Perforations:
Type of perforation SCREEN
Size of perforation 0.020"
From 280' feet to 330' 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 35' ☒ Pumped ☐ Poured
☐ Cement Grout 0' to 20' ☒ Pumped ☐ Poured
☐ Concrete Grout ~~20'~~ to ~~274'~~ ~~☒ Pumped~~ ☐ Poured
☒ ≥30% Bentonite Grout 20' to 274' ☒ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 278' to 350' ☐ Pumped ☒ Poured
Type: BCJ 8 X 16
Bentonite Chips: ☐ Yes ☐ No 274' to 278' ☐ Pumped ☒ Poured
Type: COATED PELLETS

7. Water Level
Static water level: 191' 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	
	40.824549°N	
	118.781201°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. 06-06)

USE ADDITIONAL SHEETS IF NECESSARY