**ORIGINAL**

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

**OFFICE USE ONLY**
Log No. 116056
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. 69944

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

ADDRESS AT WELL LOCATION HYCROFT MINE
WELL Q - 4610
Subdivision Name: County: Pershing

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

Latitude 40* 49.382 N
Longitude 118* 47.439 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 |
|---|---|---|---|---|
| SURFACE CLAY | | 0' | 8' | 8' |
| COARSE GRAVEL | | 8' | 20' | 12' |
| SANDY CLAY | | 20' | 90' | 70' |
| GRAVEL WITH CLAY LAYERS | | 90' | 230' | 140' |
| CONSOLIDATED SAND WITH CLAY LAYERS | | 230' | 570' | 340' |
| THE BOTTOM PORTION OF THIS BOREHOLE WAS PLUGGED TO STATE REGS. FROM 410'-570'. | | | | |

RECEIVED 2013 JAN 7 AM 10:09 STATE ENGINEERS OFFICE

Date started: 18-Nov , 20 12
Date completed: 19-Nov , 20 12

9. WELL CONSTRUCTION
Depth Drilled 570' Feet Depth Cased 400' Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 12 1/4" | Inches | 0' | Feet | 20' | Feet |
| 7 7/8" | Inches | 20' | Feet | 570' | 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' | 400' |
| | | | | |

Perforations:
Type of perforation SCREEN
Size of perforation 0.020"
From 350' feet to 400' 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 ~~345'~~ ☒ ~~Pumped~~ ☐ Poured
☒ ≥30% Bentonite Grout 20' to 345' ☒ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 348' to 410' ☐ Pumped ☒ Poured
Type: BCJ 8 X 16
Bentonite Chips: ☒ Yes ☐ No 345' to 348' ☐ Pumped ☒ Poured
Type: COATED PELLETS

7. Water Level
*Static water level:* 220' 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 | |
| | 40.823132°N | |
| | 118.789651°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 1/4/2013

(Rev. 05-08)

**USE ADDITIONAL SHEETS IF NECESSARY**