**STATE OF NEVADA**

**DIVISION OF WATER RESOURCES**

# WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 109432
Permit No.
Basin 297

**PRINT OR TYPE ONLY**

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. **63072**

1. OWNER **Quadra-Robinson NV Mining** **PZ07-02**
MAILING ADDRESS **P.O. Box 382**
**Ruth, NV 89319**

ADDRESS AT WELL LOCATION **Robinson Mine, 2 miles south of Ruth, NV**
*Subdivision Name:* **NA** *County:* **White Pine**

2. LOCATION **SW¼NW¼** Sec**35**T**16**N/ R**62**E
PERMIT/WAIVER NO. **M/O-1542** (*Issued by Water Resources*) **NA** (Parcel. No.)

Latitude 39.211641°N UTM E **675362** ☒ NAD 27
Longitude 114.968915°W N **4342020** ☐ NAD 83/WGS 84
NAD 27 (G)

3. WORK 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 **Flooded Reverse**

6. **LITHOLOGIC LOG**

| Material | Water Strata | From | To | Thickness |
|---|---|---|---|---|
| **Alluvium** | | 0' | 40' | 40' |
| **Brown/Yellow Limestone** | | 40' | 280' | 240' |
| **Yellow Clay** | | 280' | 300' | 20' |
| **Gray/Brown/Yellow Limestone** | | 300' | 1010' | 710' |

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Date started: **02-May**, 20 **09**
Date completed: **06-May**, 20 **09**

7. *Water Level*
*Static water level:* **673** feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: °F
Quality:

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

| | G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|---|
| **1010'** | **20.0** | **NA** | **While Drilling** |

9. *WELL CONSTRUCTION*
Depth Drilled **1010** Feet Depth Cased **1000** Feet

*HOLE DIAMETER (BIT SIZE)*

| | | From | | To | |
|---|---|---|---|---|---|
| **14.750** | Inches | **0** | Feet | **40** | Feet |
| **6.750** | Inches | **40** | Feet | **1010** | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| **8.625** | **22.36** | **.250** | **+2** | **40** |
| **2.375** | **3.65** | **.154** | **+1** | **1000** |

*Perforations:*
Type of perforation **Slotted**
Size of perforation **.020**
From **900** feet to **1000** 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 100' ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 898' to 1010' ☒ Pumped ☐ Poured
Type: **1/4 x 1/8 SRI**
Bentonite Chips: ☒ Yes ☐ No 100' to 898' ☒ Pumped ☐ Poured
Type: **3/8 Hole Plug**

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name **Boart Longyear Drilling Services** (CONTRACTOR)
Address **P.O. Box 529** (CONTRACTOR)
**Elko, NV 89802**
Nevada contractor's license number issued by the *State Contractor's Board* ~~0021970~~ 0073086
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* **2329**
Signed
By driller performing actual drilling on site or contractor
Date **18-May-09**


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