

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

OFFICE USE ONLY
 Log No. 109612

Permit No. _____
 Basin 138

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. 63063

1. OWNER **Barrick Cortez Mine** **GVPW-02** ADDRESS AT WELL LOCATION **Barrick Cortez Mine, south of Crescent Valley, NV**
 MAILING ADDRESS **HC 66 Box 1250** **Crescent Valley, NV 89821** **Subdivision Name: NA** **County: Lander**

2. LOCATION **NE¼NW¼ Sec19T26N/ R48E** Latitude 40.113809°N UTM E **533314** NAD 27
 PERMIT/WAIVER NO. **73278** **NA** Longitude 116.609683°W **4440252** NAD 83/WGS 84
Issued by Water Resources Parcel. No. NA02202

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Other _____

4. PROPOSED USE
 Domestic Irrigation Test Monitor Stock
 Municipal/Industrial Air Other **Flooded Reverse**

5. WELL TYPE
 Cable Rotary RVC
 Air Other **Flooded Reverse**

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thick-ness |
|----------------------|--------------|------|------|------------|
| Silty Clay | | 0' | 50' | 50' |
| Sandy Gravel | | 50' | 190' | 140' |
| Larger Gravel | | 190' | 260' | 70' |
| Sandy Clay | | 260' | 270' | 10' |
| Course Gravel | | 270' | 375' | 105' |
| Sandy Clay | | 375' | 460' | 85' |
| Sandy Gravel | | 460' | 602' | 142' |
| Clay | | 602' | 612' | 10' |
| Gravel w/Clay Ledges | | 612' | 960' | 348' |

Construction Notes:
Steel ring welded between the 24" and 16" casing

9. WELL CONSTRUCTION

Depth Drilled **960** Feet Depth Cased **940** Feet

HOLE DIAMETER (BIT SIZE)

| From | To |
|--------------|-----------------------|
| 31.00 Inches | 0 Feet 100 Feet |
| 22.00 Inches | 100 Feet 960 Feet |
| _____ Inches | _____ Feet _____ Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|--------------------|---------------------|-------------------------|-------------|-----------|
| 24.00 | 125.49 | .500 | 0 | 100 |
| 16.00 | 52.27 | .3125 | +1.5 | 940 |
| 2.375 | 3.65 | .154 | +1.5 | 920 |

Perforations:

Type of perforation **Louvered**

Size of perforation **.100**

| From | To |
|----------|----------|
| 440 feet | 480 feet |
| 500 feet | 560 feet |
| 580 feet | 680 feet |
| 700 feet | 780 feet |
| 800 feet | 920 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 0' to 960' Pumped Poured
 Type: **1/4 x 1/8 SRI**

Bentonite Chips: Yes No _____ to _____ Pumped Poured
 Type: _____

Date started: **24-Feb**, 20 **08**
 Date completed: **12-Mar**, 20 **08**

7. Water Level

Static water level: **80** feet below land surface
 Artesian Flow: _____ G.P.M. _____ P.S.I.
 Water Temperature: **Cold** °F
 Quality: **Good**

8. WELL TEST DATA

| TEST METHOD: | Bailer | Pump | Air Lift |
|-------------------------------|--------|-------|----------|
| G.P.M. | _____ | _____ | _____ |
| Draw Down (Feet Below Static) | _____ | _____ | _____ |
| Time (Hours) | _____ | _____ | _____ |

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 5279** (CONTRACTOR)
Elko, NV 89802
 Nevada contractor's license number issued by the State Contractor's Board **021976**
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller **2385**

Signed _____
 By driller performing actual drilling on site or contractor
 Date **20-Mar-09**