STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 115504
Permit No.
Basin 053

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. **68978**

1. OWNER **Barrick Cortez Mine** (well name) **GRPZ-28**
MAILING ADDRESS **HC66 Box 1250**
Crescent Valley, NV. 89821

ADDRESS AT WELL LOCATION **Cortez Mine**
South Of Crescent Valley, NV
Subdivision Name: *County:* **Eureka**

2. LOCATION **SE¼NE¼** Sec**01**T**25**N/ R**48.5**E
PERMIT/WAIVER NO. **M/O-1815** + R3D-2012-8
Issued by Water Resources Parcel. No.

Latitude
Longitude
UTM E **542967** ☒ NAD 27
N **4436420** ☐ NAD 83/WGS 84

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 Rev**

6. **LITHOLOGIC LOG**

Material	Water Strata	From	To	Thickness
Alluvium		**0**	**620**	**620**

Date started: **April 25**, 20 **12**
Date completed: **April 28**, 20 **12**

7. *Water Level*
Static water level: **235** feet below land surface
Artesian Flow: **N/A** G.P.M. **N/A** P.S.I
Water Temperature: **cool** °F
Quality: **good**

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
53	**N/A**	**1**
40.078847 °N	NAD27	
116.496070 °W		

9. ***WELL CONSTRUCTION***
Depth Drilled **620** Feet Depth Cased **618** Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14.75 Inches	**0** Feet	**20** Feet
6.5 Inches	**20** Feet	**620** Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.75	**40.48**	**.365**	**0**	**20**
2.375	**.95**	**.154**	**+2**	**618**

Perforations:
Type of perforation **Slotted**
Size of perforation **.020**
From **400** feet to **600** 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 50	☒ Pumped	☐ Poured
☒ Cement Grout	50 to 340	☒ Pumped	☐ Poured
☐ Concrete Grout	to	☐ Pumped	☐ Poured
☐ ≥30% Bentonite Grout	to	☐ Pumped	☐ Poured
Gravel Pack: ☒ Yes ☐ No	398 to 620	☒ Pumped	☐ Poured
Type: **1/8" SRI**			
Bentonite Chips: ☐ Yes ☐ No	340 to 398	☒ 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** (CONTRACTOR)
Address **2745 W California Ave** (CONTRACTOR)
SLC., UT. 84104
Nevada contractor's license number issued by the *State Contractor's Board* **0021976**
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* **2239**
Signed
By driller performing actual drilling on site or contractor
Date **May 20, 2012**

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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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