STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 115333
Permit No.
Basin 054

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. **68994**

1. OWNER **Barrick Cortez Mine** well name: **CO-1**
MAILING ADDRESS **HC 66 Box 1250**
Crescent Valley, NV. 89821

ADDRESS AT WELL LOCATION **Cortez Mine**
South West of Crescent Valley
Subdivision Name: *County:* ~~Lander~~ EUREKA

2. LOCATION **NW¼NW¼** Sec**17**T**28**N/ R**49**E
PERMIT/WAIVER NO. **NEV0095111** *Issued by Water Resources* Parcel. No.

Latitude UTM E **544216** ☒ NAD 27
Longitude N **4461118** ☐ 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	245	245
Agua Guard		20	190	170
7 gpm @ 215'				

Date started: **June 10**, 20 **12**
Date completed: **June 12**, 20 **12**

9. ***WELL CONSTRUCTION***
Depth Drilled **245** Feet Depth Cased **233** Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14.75 Inches	**0** Feet	**20** Feet
6.50 Inches	**20** Feet	**245** Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.75	40.48	.375	0	20
2.375	.96	.218	+2	233

Perforations:
Type of perforation **slotted**
Size of perforation **.020**
From **213** feet to **233** 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 to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 211 to 245 ☐ Pumped ☒ Poured
Type: **1/8" x 1/4" SRI**
Bentonite Chips: ☒ Yes ☐ No 190 to 211 ☒ Pumped ☐ Poured
Type: **3/8" Coarse**

7. *Water Level*
Static water level: **171** feet below land surface
Artesian Flow: **n/a** G.P.M. 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)
3	N/A	2
40.301294°N NAD27		
116.479725°W		

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~~ **2339**
Signed
By driller performing actual drilling on site or contractor
Date **June 15, 2012**

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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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