STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 11696L
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. 67841 ✓

1. OWNER Barrick Cortez Gold Mine IM 65-D
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Hills
West of Crescent Valley, NV
Subdivision Name: County: Lander

2. LOCATION ~~NE~~ SE ¼NE¼ Sec ~~7~~ 6 T28N/ R49E
PERMIT/WAIVER NO. M/O - 1783A
Issued by Water Resources Parcel. No.

Latitude Longitude
UTM E 544135 ☒ NAD 27
N 4463818 ☐ 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvium		0	180	180

Date started: February 13, 20 12
Date completed: February 23, 20 12

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7. Water Level
Static water level: 69 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)
22	N/A	1

40.325623 NAD 27
116.480492

9. WELL CONSTRUCTION
Depth Drilled 180 Feet Depth Cased 170 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14.75 Inches	0 Feet	40 Feet
9.875 Inches	40 Feet	180 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	+2	38
4	2.86	.337	+2	168

Perforations:
Type of perforation Slotted
Size of perforation .020
From 145 feet to 168 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 136 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 145 to 180 ☒ Pumped ☒ Poured
Type: 1/4" SRI
Bentonite Chips: ☒ Yes ☐ No 136 to 145 ☒ 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 2745 California Ave (CONTRACTOR)
Salt Lake City, 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 March 1, 2012

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