STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116960
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. 67842 ✓

1. OWNER Barrick Cortez Gold Mine IM-64-S
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 NE¼NW¼ Sec7T28N/ - R49E
PERMIT/WAIVER NO. M/O - 1784A
Issued by Water Resources Parcel. No.

Latitude Longitude
UTM E 543198 ☒ NAD 27
N 4462832 ☐ 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	100	100

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Date started: February 24, 20 12
Date completed: February 26, 20 12

7. Water Level
Static water level: 47 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)
5	N/A	1

40.316789 NAD 27
116.491587

9. WELL CONSTRUCTION
Depth Drilled 100 Feet Depth Cased 88 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14.750 Inches	0 Feet	40 Feet
4.875 Inches	40 Feet	100 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	88

Perforations:
Type of perforation slotted
Size of perforation .020
From 68 feet to 88 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 46 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 65 to 100 ☐ Pumped ☒ Poured
Type: 1/4 SRI
Bentonite Chips: ☒ Yes ☐ No 46 to 65 ☒ 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 Avenue (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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