STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116487
Permit No.
Basin Ø54

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. 67578 ✓

1. OWNER Barrick Cortez Mine "AW-14"
MAILING ADDRESS HC 66, Box 1250
SE SE Crescent, Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Pipeline Mine
Crescent Valley, NV
Subdivision Name: County: Lander

2. LOCATION ~~SW~~¼~~SW~~¼ Sec ~~04~~ 05 27N/ R47E
PERMIT/WAIVER NO. W/S 1082A
Issued by Water Resources Parcel. No.

Latitude UTM E ~~0~~526048 ☒ NAD 27
Longitude N 4453771 ☐ 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	960	960

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STATE ENGINEERS OFFICE

40.235866°N NAD27
116.693796°W

Date started: March 12, 20 12
Date completed: April 1, 20 12

9. WELL CONSTRUCTION

Depth Drilled 960 Feet Depth Cased 960 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
26 Inches	0 Feet	80 Feet
19 Inches	80 Feet	960 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20	78.60	.375	0	80
12.75	49.56	.375	+2	960

Perforations:
Type of perforation Louvered
Size of perforation .080
From 120 feet to 880 feet
From 920 feet to 960 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 105 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 115 to 960 ☐ Pumped ☒ Poured
Type: 1/4" SRI
Bentonite Chips: ☒ Yes ☐ No 105 to 115 ☐ Pumped ☒ Poured
Type: 3/8" course hole plug

7. Water Level
Static water level: 152.9 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)
565	21.2	1

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 [signature]
By driller performing actual drilling on site or contractor
Date April 13, 2012