STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116959
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. 67820 i

1. OWNER Barrick Cortez Mine CHTH-255
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, NV 89821

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

2. LOCATION SW¼SE¼ Sec31T27N/ R48E
PERMIT/WAIVER NO. Issued by Water Resources Parcel. No.

Latitude
Longitude
UTM E 533623 ☒ NAD 27
N 4445719 ☐ NAD 83/WGS 84

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☒ Other Test hole

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
Conglomerate & Limestone		0	80	80
Limestone		80	1680	1600
Marble		1680	2020	340
Hole Diameter 6.250 1680'-2020'				
Pump abondonite 500' - 2020'				
Hole is abandoned				
40.163061°N NAD27				
116.605196°W Decl Deg				

Date started: October 2, 20 11
Date completed: October 12, 20 11

7. Water Level
Static water level: 750.6 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: Cool °F
Quality: Fair

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
N/A			

9. WELL CONSTRUCTION
Depth Drilled 2020 Feet Depth Cased 80 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
20.50 Inches	0 Feet	80 Feet
6.750 Inches	80 Feet	700 Feet
6.500 Inches	700 Feet	1680 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	42.05	.250	0	80

Perforations:
Type of perforation
Size of perforation
From feet to 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 10 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:
Bentonite Chips: ☒ Yes ☐ No 10 to 500 ☐ 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 2350
Signed
By driller performing actual drilling on site or contractor
Date October 14, 2011