STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 114364
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. 65820

1. OWNER Barrick Cortez Mine CHPZ-228
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, NV 89821

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

2. LOCATION NW¼SE¼ Sec31T27N/ R48E
PERMIT/WAIVER NO. M/O-1712 (Issued by Water Resources) Parcel. No.

Latitude
Longitude
UTM E 533590 ☒ NAD 27
N 4445753 ☐ 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
Lime stone		0	1360	1360
Intrusive		1360	1480	120
Limestone		1480	1860	380
Intrusive		1860	1880	20
Limestone		1880	1920	40
Intrusive		1920	1950	30
Limestone		1950	1970	20

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Date started: August 1, 20 11
Date completed: August 15, 20 11

9. WELL CONSTRUCTION
Depth Drilled 1972 Feet Depth Cased 1970 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
20.50 Inches	0 Feet	40 Feet
6.75 Inches	40 Feet	1580 Feet
6.5 Inches	1580 Feet	1972 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	42.05	.250	+3	37
2.375	.958	.218	+1.5	1970

Perforations:
Type of perforation Slotted
Size of perforation .020
From 1870 feet to 1970 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 55 ☒ Pumped ☐ Poured
☒ Cement Grout 215 to 1006 ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 1866 to 1972 ☐ Pumped ☒ Poured
Type: 1/4 SRI
Bentonite Chips: ☒ Yes ☐ No 1006 to 1866 ☒ Pumped ☐ Poured
Type: 3/8 Hole Plug 55 to 215

7. Water Level
Static water level: 667.8 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: °F
Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1	N/A	8

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 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 2308
Signed
By driller performing actual drilling on site or contractor
Date August 16, 2011

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40.163360°N 116.605558°W NAD27 d.d.