STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 107137
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. 62721

1. OWNER Barrick Cortez Mines DB-31
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, NV 89821

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

2. LOCATION SE¼NW¼ Sec8T27N/ R47E
PERMIT/WAIVER NO. order W/S-1082A NA
Issued by Water Resources Parcel. No.

Latitude 40.228482 UTM E 525246.4 91 ☒ NAD 27
Longitude 116.763251 N 4452948.73 ☐ 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
Aluvium Gravel & Clay		0'	801'	801'
Brown, Black & White Bedrock		801'	1030'	229'
Tan Rock		1030'	1080'	50'
Black, Gray w/Brown Rock		1080'	1170'	90
Mostly Black, w/White & Tan		1170'	1290'	120'
Mostly Tan Rock,some Black		1290'	1320'	30'
Black & White Rock		1320'	1360'	40'
Tan, Brown & Black Rock		1360'	1680'	320'
Black Rock w/some White		1680'	1738'	58'

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Date started: 15-Jun , 20 08
Date completed: 21-Jul , 20 08

9. WELL CONSTRUCTION
Depth Drilled 1738 Feet Depth Cased 1712 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
46.00 Inches	0 Feet	40 Feet
38.00 Inches	40 Feet	770 Feet
24.00 Inches	770 Feet	1738 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
40.00	210.93	.500	0	40
34.00	177.21	.500	0	770
18.00	70.59	.375	+2	1712

Perforations:
Type of perforation Full Flow Louvered
Size of perforation .125
From 272 feet to 312 feet
From 512 feet to 552 feet
From 752 feet to 792 feet
From 992 feet to 1712 feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0' to 192' ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 232' to 1713' ☐ Pumped ☒ Poured
Type: 3/8 x 3/4 SRI
Bentonite Chips: ☒ Yes ☐ No 192' to 232' ☐ Pumped ☒ Poured
Type: 3/8 Hole Plug

7. Water Level
Static water level: 1013 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: 97 °F
Quality: Good

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
340.0	.80	1.0

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 P.O. Box 5279 (CONTRACTOR)
Elko, NV 89802
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 2319
Signed
By driller performing actual drilling on site or contractor
Date 22-Jul-08

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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