STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 117707
Permit No. 77179
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. 67833

1. OWNER Barrick Cortez Mine DW-19
MAILING ADDRESS HC66, Box 1250
Crescent Valley, NV 89821

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

2. LOCATION NW¼SE¼ Sec31T27N/ R48E
Well spacing
PERMIT/WAIVER NO. #77179
Issued by Water Resources Parcel. No.

Latitude
Longitude

UTM E 533626 ☒ 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 Flooded Rev

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvium		0	400	400
Limestone		400	2035	1635

Date started: November 25, 20 11
Date completed: February 13, 20 12

7. Water Level
Static water level: 794.4 feet below land surface
Artesian Flow: N/A G.P.M. N/A P.S.I
Water Temperature: 61 °F
Quality: N/A

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
N/A	190	N/A	72

NAD27 40.163358°N, 116.605135°W

9. WELL CONSTRUCTION
Depth Drilled 2035.1 Feet Depth Cased 2024.93 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
26 Inches	0 Feet	97 Feet
19 Inches	97 Feet	2035.1 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
22	86.61	.375	0	97
12.75	49.56	.375	+2	2024.93
1.75	2.72	.145	+2	2005.55

Perforations:
Type of perforation Modified flow
Size of perforation .250
From 801 feet to 2024.93 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 785 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 790 to 2035 ☐ Pumped ☒ Poured
Type: 3/8 x 1/2 SRI
Bentonite Chips: ☒ Yes ☐ No 785 to 790 ☐ 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 2308
Signed
By driller performing actual drilling on site or contractor
Date March 12, 2012

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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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