STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 112646
Permit No.
Basin 053

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 66432

1. OWNER Barrick/Cortez Goldmine
MAILING ADDRESS HC66 Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION RHMW-02
Subdivision Name: Red Hill County: Eureka

2. LOCATION SW ¼ NW ¼ Sec 10 T 26 N/S R 48 E
PERMIT/WAIVER No. MO-1646B
Issued by Water Resources Parcel No.

Latitude 40.139008°N
Longitude 116.542346°W
UTM E 538987 ☒ NAD 27
N 4443076 ☐ NAD 83/WGS 84

3. WORKED 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
Alluvial	no	0	390	390
Black rock/clay seam	no	390	670	280
Black rock	yes	670	1610	940
				17.0

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Material	From	To
4" Blank SCH40 PVC	+2	1410'
4" Slotted SCH120 PVC	1410'	1610'
Neat Cement	0'	80'
Bensand grout	80'	998'
¼" Gravel	998'	1002'
Bensand grout	1002'	1248'
¼" Gravel	1248'	1252'
Bensand grout	1252'	1408'
¼" Gravel	1408'	1610'

Date started: 10/28/10, 20 10
Date completed: 12/4/10, 20 10

9. WELL CONSTRUCTION
Depth Drilled 1610 Feet Depth Cased 1610 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14 3/4"	Inches	0	Feet	20	Feet
9 7/8"	Inches	20	Feet	1610'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4"		Sch 120	+2	1410
10"		.188 wall	+2	20'

Perforations:
Type of perforation Slot
Size of perforation 0.02

From 1410	feet to	1610	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 80'	☒ Pumped	☐ Poured
☐ Cement Grout	to	☐ Pumped	☐ Poured
☐ Concrete Grout	to	☐ Pumped	☐ Poured
☐ ≥30% Bentonite Grout	to	☐ Pumped	☐ Poured

Gravel Pack: ☒ Yes ☐ No 1610 to 1405' ☒ Pumped ☐ Poured
Type: ¼" Gravel
Bentonite Chips: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: N/A feet below land surface
Artesian Flow: no G.P.M. P.S.I.
Water Temperature: cold °F
Quality: good

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
740'	5		½ hour
900'	15		½ hour
1000'	29		15 min
1200'	43		½ hour
1400'	75		½ hour
1610'	100		1 hour

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 Nevada (Contractor)
Address PO Box 2748 (Contractor)
Elko, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 0073086
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2414
Signed [signature] (By driller performing actual drilling on site or contractor)
Date 12/4/10

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY