STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 118169
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. 68980

1. OWNER Barrick Cortez Mine GRPZ-29
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, NV. 89821

ADDRESS AT WELL LOCATION Cortez Mine
Horse Creek Project
Subdivision Name: County: Eureka

2. LOCATION SW¼SW¼ Sec36T26N/ R48E
PERMIT/WAIVER NO. m/o-1815
Issued by Water Resources Parcel. No.

Latitude Longitude
UTM E 540877 ☒ NAD 27
N 4436005 ☐ 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
Alluvium		0	40	40
Clay		40	60	20
Sand		60	80	20
Clay		80	120	40
Alluvium		120	620	500

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Date started: April 28, 20 12
Date completed: May 3, 20 12

7. Water Level
Static water level: 140 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: 61 °F
Quality:

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

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

NAD27 40.073408°N
116.520032°W

9. WELL CONSTRUCTION
Depth Drilled 620 Feet Depth Cased 600 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14.75 Inches	0 Feet	20 Feet
6.5 Inches	20 Feet	620 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	.98	.218	+1	600
10.75	28.04	0.250	+1	18

Perforations:
Type of perforation Slotted
Size of perforation .025
From 560 feet to 600 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 60 ☒ Pumped ☐ Poured
☒ Cement Grout 60 to 550 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 558 to 620 ☐ Pumped ☒ Poured
Type: 1/8 x 1/4 SRI
Bentonite Chips: ☒ Yes ☐ No 550 to 558 ☒ 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 (CONTRACTOR)
Address 2745 W 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 2462
Signed
By driller performing actual drilling on site or contractor
Date May 15, 2012

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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