STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 11817
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. 69236

1. OWNER Barrick Cortez Mines JDW-1
MAILING ADDRESS HC66, Box 1250, Crescent Valley, NV. 89821

ADDRESS AT WELL LOCATION Barrick Cortez Hills Lodge at Pine Valley, Near the JD Ranch
Subdivision Name: County: Eureka

2. LOCATION SW¼SW¼ Sec30T26N/ R51E
PERMIT/WAIVER NO. 82169-T (Issued by Water Resources) Parcel. No.

Latitude
Longitude
UTM E 561966 ☒ NAD 27
N 4438824 ☐ 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/Clay		0	210	210
Gravel		210	230	20
Alluvium/Clay		230	430	200
Gravel		430	470	40
Alluvium/Clay		470	600	130
Gravel		600	640	40

Date started: October 26, 20 12
Date completed: November 16, 20 12

9. WELL CONSTRUCTION
Depth Drilled 640 Feet Depth Cased 620 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
26 Inches	0 Feet	115 Feet
19 Inches	115 Feet	640 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20	104.13	.50	0	115
12.75	41.52	.325	+2	620

Perforations:
Type of perforation Louvered
Size of perforation .050
From 320 feet to 620 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 300 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 310 to 640 ☒ Pumped ☐ Poured
Type: 1/4 SRI
Bentonite Chips: ☒ Yes ☐ No 300 to 310 ☒ Pumped ☐ Poured
Type: 3/8 Hole Plug

7. Water Level
Static water level: N/A feet below land surface
Artesian Flow: Yes G.P.M. 10 P.S.I
Water Temperature: 70.2 °F
Quality: Good

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
420-500	62	36

NAD 27 40.099337°N
116.272676°W

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 2339
Signed
By driller performing actual drilling on site or contractor
Date November 21, 2012

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