STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116531
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. 68984

1. OWNER Barrick Cortez Mines (well name:) GRPZ-27
MAILING ADDRESS HC66, Box 1250
Crescent Valley, NV. 89821

ADDRESS AT WELL LOCATION Pine Valley Hydrographic Basin
Subdivision Name: County: Eureka

2. LOCATION SE¼NE¼ Sec5T25N/ R49E
PERMIT/WAIVER NO. m/o-1815 Parcel. No.
Issued by Water Resources

Latitude 545836 UTM E ~~545713~~ ☒ NAD 27
Longitude 4436487 N ~~4436689~~ ☐ 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	620	620

Date started: May 9, 20 12
Date completed: May 13, 20 12

7. Water Level
Static water level: 141 feet below land surface
Artesian Flow: N/A G.P.M. N/A P.S.I
Water Temperature: Cool °F
Quality: Clear

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

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

40. 079299°N NAD27
116. 462418°W

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

HOLE DIAMETER (BIT SIZE)

	From	To
14.75 Inches	0 Feet	35 Feet
6.75 Inches	35 Feet	620 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.75	28.04	.250	+2	35
2.375	.96	.218	+18	600

Perforations:
Type of perforation Slot
Size of perforation .020
From 400 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		to	☐ Pumped	☐ Poured
☐ Concrete Grout		to	☐ Pumped	☐ Poured
☒ ≥30% Bentonite Grout	60	to 385	☒ Pumped	☐ Poured

Gravel Pack: ☒ Yes ☐ No 398 to 620 ☒ Pumped ☐ Poured
Type: #8 5RI Supreme Sand
Bentonite Chips: ☒ Yes ☐ No 385 to 398 ☒ Pumped ☐ Poured
Type: 3/8" Holeplug Chips

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)
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 2376
Signed
By driller performing actual drilling on site or contractor
Date May 22, 2012

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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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