STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

PRINT OR TYPE ONLY

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

OFFICE USE ONLY
Log No. 113980
Permit No.
Basin 054

NOTICE OF INTENT NO. 65829

1. OWNER Barrick Cortez FLC-16
MAILING ADDRESS HC 66 BOX 1250
Crescent Valley, NV. 89821

ADDRESS AT WELL LOCATION Cortez Hills Minesite
S.of Crescent Valley, NV.
Subdivision Name: County: Lander

2. LOCATION NE ¼ SW ¼ Sec 31 T 27 N S R 48 E
PERMIT/WAIVER NO. M/O-1692
Issued by Water Resources Parcel. No.

Latitude 40.16468 N UTM E ☒ NAD 27
Longitude 116.60724 W N ☐ 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
Aluvium Rock		0	40	40
Conglomerate Rock		40	640	600
Bleached Limestone Rock		640	670	30
Conglomerate Rock		670	740	70
Black/Grey Limestone Rock		740	1000	260
Transducers at 500', 620', 650', 720', 820'.				

Date started: April 20, 20 11
Date completed: April 24, 20 11

9. WELL CONSTRUCTION
Depth Drilled 1000 Feet Depth Cased 1000 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12	Inches	0	Feet	40	Feet
6.750	Inches	40	Feet	1000	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
7.625	38.05	.500	+2	40
2.375	.8	.218	+1	920

Perforations:
Type of perforation Slot
Size of perforation .020
From 920 feet to 1000 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 50 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 918 to 1000 ☐ Pumped ☒ Poured
Type: 1/4" SRI
Bentonite Chips: ☒ Yes ☐ No 50 to 918 ☐ Pumped ☐ Poured
Type: 3/8" Hole Plug

7. Water Level
Static water level: 490 feet below land surface
Artesian Flow: n/a G.P.M. n/a P.S.I
Water Temperature: 60 °F
Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1	n/a	24

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 2339
Signed Karen Rudolph
By driller performing actual drilling on site or contractor
Date June 6, 2011

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