STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 113969
Permit No.
Basin 054

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. 65809

1. OWNER Barrick Cortez CHPZ-178
MAILING ADDRESS HC 66 BOX 1250
Crescent Valley, NV. 89821

ADDRESS AT WELL LOCATION Barrick Cortez Hills Mine
Subdivision Name: County: Lander

2. LOCATION SE¼NW¼ Sec6T26N/ R48E
PERMIT/WAIVER NO. MO-1686
Issued by Water Resources Parcel. No.

Latitude
Longitude
UTM E 533370 ☒ NAD 27
N 4444684 ☐ 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 Rock		0	160	160
Black and Tan Rock		160	430	270
Tan Rock		430	480	50
Black Rock		480	780	300
Tan Rock		780	830	50
Alluvium Rock		830	980	150
Tan Rock		980	1080	100
Transducer set at 970'				

Date started: April 30, 2011
Date completed: May 20, 2011

7. Water Level
Static water level: 784 feet below land surface
Artesian Flow: n/a G.P.M. n/a P.S.I
Water Temperature: °F
Quality: Good

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

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

9. WELL CONSTRUCTION
Depth Drilled 1080 Feet Depth Cased 1080 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
20 Inches	0 Feet	60 Feet
12.750 Inches	60 Feet	460 Feet
6.500 Inches	960 Feet	1080 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	62.85	.375	0	60
7.675	38.05	.3125	+3	960
2.375	.95	80	0	1080

Perforations:
Type of perforation Milled Slot
Size of perforation .020
From 1040 feet to 1080 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 50 to 1030 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 1038 to 1080 ☐ Pumped ☒ Poured
Type: 1/4" SRI
Bentonite Chips: ☒ Yes ☐ No 1030 to 1038 ☒ 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 (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 June 1, 2011

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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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40.153737°N
116.608197°W NAD 27 TA