

**STATE OF NEVADA**  
**DIVISION OF WATER RESOURCES**  
**WELL DRILLER'S REPORT**

OFFICE USE ONLY

110373

Log No. ....  
 Permit No. 054  
 Basin .....

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. 65314

1. OWNER **Barrick Cortez Mine** **CHPZ-138** ADDRESS AT WELL LOCATION **Crescent Valley, NV.**  
 MAILING ADDRESS **HC 66 Box 1250**  
**Crescent Valley, NV. 89821** *Subdivision Name:* \_\_\_\_\_ *County:* **Lander**

2. LOCATION **SE¼NW¼ Sec6T26N/ R48E** Latitude 40.153404°N UTM E **533359**  NAD 27  
 PERMIT/WAIVER NO. m/o 1608 Longitude 116.608328°W **4444647**  NAD 83/WGS 84  
*Issued by Water Resources* Parcel. No. \_\_\_\_\_

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	Thick-ness
Alluvium		0	160	160
Marble		160	740	580
Clay Dike & Marble		740	1000	260
Clay Dike		1000	1330	330
Clay Dike & Marble		1330	1400	70
Marble		1400	1480	80
Marble & Clay Dike		1480	1520	40
Clay Dike		1520	1730	210
Marble & Clay Dike		1730	1830	100
Clay Dike		1830	2580	750
Black Limestone		2580	2640	60
Clay Dike		2640	2760	120
Black Limestone		2760	2860	100
Clay Dike		2860	2900	40
Black Limestone		2900	3300	400
Clay Dike & Black Limestone		3300	3380	80
Clay Dike		3380	3400	20
Black Limestone		3400	3480	80
Clay Dike		3480	3660	180

9. WELL CONSTRUCTION

Depth Drilled 3662 Feet Depth Cased 3490 Feet

HOLE DIAMETER (BIT SIZE)

From	To
<u>24</u> Inches	<u>0</u> Feet <u>76</u> Feet
<u>14.75</u> Inches	<u>76</u> Feet <u>2480</u> Feet
_____ Inches	_____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>20</u>	<u>78.60</u>	<u>.375</u>	<u>0</u>	<u>76</u>
<u>10.75</u>	<u>40.48</u>	<u>.375</u>	<u>0</u>	<u>2476</u>

Perforations:

Type of perforation \_\_\_\_\_  
 Size of perforation \_\_\_\_\_

From	feet to	feet
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Annular Seal:  Yes  No

Neat Cement 0 to 2476  Pumped  Poured  
 Cement Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 =30% Bentonite Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured

Gravel Pack:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Type: **Page 2**

Bentonite Chips:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Type: **Page 2**

Date started: **January 30, 20 10**  
 Date completed: **March 10, 20 10**

7. Water Level

Static water level: \_\_\_\_\_ feet below land surface  
 Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water Temperature: \_\_\_\_\_ °F  
 Quality: \_\_\_\_\_

8. WELL TEST DATA

TEST METHOD:	<input type="checkbox"/> Bailer	<input type="checkbox"/> Pump	<input type="checkbox"/> Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
STATE ENGINEERS OFFICE			
2010 MAR 25 AM 11:41			
RECEIVED			

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 **2196**

Signed \_\_\_\_\_  
 By driller performing actual drilling on site or contractor  
 Date **March 18, 2010**