

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

OFFICE USE ONLY  
 Log No. 113908  
 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. 65829

1. OWNER **Barrick Cortez** **FLC-13** ADDRESS AT WELL LOCATION **Cortez Hills Minesite**  
 MAILING ADDRESS **HC 66Box 1250** **South of Crescent Valley, NV.**  
**Crescent Valley, NV. 89821** **Subdivision Name:** \_\_\_\_\_ **County: Lander**

2. LOCATION **NE $\frac{1}{4}$ SW $\frac{1}{4}$  Sec31T27 /S R48E** Latitude \_\_\_\_\_ UTM E **533265**  NAD 27  
 PERMIT/WAIVER NO. **M/O-1692** Longitude \_\_\_\_\_ N **4445954**  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 \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Conglomerate		0	690	690
Dark Grey Limestone		690	700	10
Bleached Limestone		700	770	70
Dark Grey Limestone		770	1000	230
40.164701°N NAD 27				
116.60798°W				
Hole plug 50'- 497'				
Transducer at 500'				
Gravel 497'-502'				
Hole Plug 502'- 678'				
Transducer at 680'				
Gravel 678'- 682'				
Hole Plug 682'- 918'				
Gravel 918'- 1000'				

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 775 Feet
6.500 Inches	775 Feet 1000 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	To
920 feet to	1000 feet
_____ feet to	_____ feet
_____ feet to	_____ feet
_____ feet to	_____ feet
_____ feet to	_____ feet

Annular Seal:  Yes  No

Material	From	To	Method
<input checked="" type="checkbox"/> Neat Cement	0	to 50	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	_____	to _____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	_____	to _____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> $\geq$ 30% Bentonite Grout	_____	to _____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
Gravel Pack: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	918	to 1000	<input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured
Type: <b>1/4" SRI Supreme</b>			
Bentonite Chips: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	50	to 918	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
Type: <b>3/8" Coarse grade sodium bentonite hole plug</b>			

7. Water Level

Static water level: **510'** feet below land surface  
 Artesian Flow: **n/a** G.P.M. **n/a** P.S.I  
 Water Temperature: **60** °F  
 Quality: **Good**

8. WELL TEST DATA

TEST METHOD:	Bailer	Pump	Air Lift
G.P.M.			
1		590	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 \_\_\_\_\_  
 By driller performing actual drilling on site or contractor  
 Date **May 11, 2011**