

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

OFFICE USE ONLY
 Log No. 113725
 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. **65800**

1. OWNER **Barrick Cortez** **FLC-14** ADDRESS AT WELL LOCATION **Cortez Hills Minesite**
 MAILING ADDRESS **HC66 Box 1250** **South of Crescent Valley, NV.**
Crescent Valley, NV. 89821 **Subdivision Name:** _____ **County: Lander**

2. LOCATION **NE 1/4 SW 1/4 Sec 31 T24N R48E** Latitude 40.164703°N UTM E **533383** NAD 27
 PERMIT/WAIVER NO. **M/O-1692** Longitude 116.608651°W N **4445901** 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	Thickness
Alluvium		0	720	720
Grey Rock		720	760	40
Tan Rock		760	840	80
Black Rock		840	920	80
Tan Rock		920	1000	80
Gravel		498	502	4'
Transducer		500		
Gravel		713	717	4'
Transducer		715		
Gravel		758	762	4'
Transducer		760		

Installed a 2 3/8" PVC pipe with transducers attached at 760', 715', and 500'.

9. WELL CONSTRUCTION

Depth Drilled **1000** Feet Depth Cased **1000** Feet

HOLE DIAMETER (BIT SIZE)

From	To
12.250 Inches	0 Feet 40 Feet
6.75 Inches	40 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
6.75	5.02	.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

Angular Seal: Yes No

<input checked="" type="checkbox"/> Neat Cement	_____ to _____	<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"/> ≥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: 1/4" SRI Supreme		
Bentonite Chips: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	50 to 918	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
Type: 3/8" Coarse Grade Sodium Bentonite Hole Plug		

Date started: **April 1**, 20 **11**
 Date completed: **April 10**, 20 **11**

7. Water Level

Static water level: **426'** 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:	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift		
G.P.M. 1	494'	48

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 **2085**

Signed _____
 By driller performing actual drilling on site or contractor

Date **April 20, 2011**