

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

OFFICE USE ONLY  
 Log No. 113726  
 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-15** ADDRESS AT WELL LOCATION **Cortez Hills Minesite**  
 MAILING ADDRESS **HC66 Box 1250** **Spuh of Crescent Valley, NV.**  
**Crescent Valley, NV. 89821** Subdivision Name: \_\_\_\_\_ County: Lander

2. LOCATION **NE1/4SW1/4 Sec31T27N/ R48E** Latitude \_\_\_\_\_ UTM E **533383**  NAD 27  
 PERMIT/WAIVER NO. **M/O-1692** Longitude \_\_\_\_\_ 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	Thick-ness
Alluvium		0	680	680
Tan Rock		680	790	110
Grey Rock		790	880	90
Tan Rock		880	910	30
Grey Rock		910	1000	90
Gravel		494	502	8
Transducer		500		
Gravel		558	662	4
Transducer		660		
Gravel		758	762	4
Transducer		760		

Installed a 2 3/8" PVC pipe with transducers attached at 760', 660', 500'.

*Unsurveyed location*  
 40.164701°N NAD27  
 116.607981°W

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  
 \_\_\_\_\_ 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	5.02	.218	+1	920

Perforations:  
 Type of perforation **Slot**  
 Size of perforation **.020"**  
 From **920** feet to **1000** feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Angular 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 Supreme**  
 Bentonite Chips:  Yes  No 50 to 918  Pumped  Poured  
 Type: **3/8" Coarse Grade Sodium Bentonite Hole Plug**

Date started: **April 15, 20 11**  
 Date completed: **April 18, 20 11**

7. Water Level  
 Static water level: **454'** 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:	<input type="checkbox"/> Bailer	<input type="checkbox"/> Pump	<input checked="" type="checkbox"/> Air Lift
G.P.M.			Draw Down (Feet Below Static)
<b>1</b>			<b>546</b>
			Time (Hours)
			<b>24</b>

*2011 APR 28 11:27*

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 **2047**  
 Signed \_\_\_\_\_  
 By driller performing actual drilling on site or contractor  
 Date **April 21, 2011**