

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

OFFICE USE ONLY 109778  
 Log No. ....  
 Permit No. ....  
 Basin 138

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. 63057

1. OWNER **Barrick Cortez Mines** **GVPW-01** ADDRESS AT WELL LOCATION **Barrick Cortez Mine, south of Crescent Valley, NV**  
 MAILING ADDRESS **HC66 Box 1250** **Crescent Valley, NV 89821** **Subdivision Name: NA** **County: Lander**  
 2. LOCATION **SE¼SW¼ Sec18T26N/ R48E** Latitude **40.118169°N** UTM E **533340**  NAD 27  
 PERMIT/WAIVER NO. **73277** **NA** Longitude **116.608753°W** **4440736**  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  Monitor  Stock  
 Municipal/Industrial  Air  Other **Flooded Reverse**  
 5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other **Flooded Reverse**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Gray Gravel/Brown Clay Mix		0'	180'	180'
Gray Gravel		180'	200'	20'
Gray Gravel/Brown Clay Mix		200'	280'	80'
Gray Gravel		280'	480'	200'
Gray Gravel/Brown Clay Mix		480'	520'	40'
Gray Gravel/Trace Brown Clay		520'	600'	80'
Brown Clay/some Gray Gravel		600'	680'	80'
Gray Gravel		680'	720'	40'
Brown Clay/some Gray Gravel		720'	920'	200'

9. WELL CONSTRUCTION  
 Depth Drilled **920** Feet Depth Cased **898** Feet  
 HOLE DIAMETER (BIT SIZE)  
 From To  
**31.00** Inches **0** Feet **100** Feet  
**22.00** Inches **100** Feet **920** Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 CASING SCHEDULE  

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<b>24.00</b>	<b>94.62</b>	<b>.375</b>	<b>0</b>	<b>98</b>
<b>16.00</b>	<b>52.27</b>	<b>.312</b>	<b>+2</b>	<b>898</b>
<b>2.375</b>	<b>3.653</b>	<b>.154</b>	<b>+1</b>	<b>880</b>

 Perforations:  
 Type of perforation **Full Flow Louver**  
 Size of perforation **.110**  
 From **368** feet to **607** feet  
 From **627** feet to **667** feet  
 From **687** feet to **808** feet  
 From **828** feet to **888** feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Annular Seal:  Yes  No  
 Neat Cement 0' to 100'  Pumped  Poured  
 Cement Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Gravel Pack:  Yes  No 0' to 920'  Pumped  Poured  
 Type: **1/4 x 3/8SRI**  
 Bentonite Chips:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Type: \_\_\_\_\_

Date started: **19-Jan, 20 09**  
 Date completed: **05-Feb, 20 09**

7. Water Level  
 Static water level: **65** feet below land surface  
 Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water Temperature: **55** °F  
 Quality: \_\_\_\_\_

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 Drilling Services**  
(CONTRACTOR)  
 Address **P.O. Box 5279**  
(CONTRACTOR)  
**Elko, NV 89802**  
 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 **2130**  
 Signed \_\_\_\_\_  
 By driller performing actual drilling on site or contractor  
 Date **06-Feb-09**

8. WELL TEST DATA

TEST METHOD:	Bailer	Pump	Air Lift
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
G.P.M.	Draw Down (Feet Below Static)		Time (Hours)
<b>482.0</b>	<b>80.0</b>		<b>2.0</b>