

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

OFFICE USE ONLY **110152**
 Log No. _____
 Permit No. _____
 Basin **654**

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. **65309**

1. OWNER **Barrick Cortez Mine** DW - 09 ADDRESS AT WELL LOCATION **South of Crescent Vly, NV.**

MAILING ADDRESS **HC 66 Box 1250**
Crescent Valley, NV. 89821 Subdivision Name: _____ County: **Lander**

2. LOCATION **NE 1/4 NE 1/4 Sec 31 T27 N R48 E** Latitude **40.172636° N** UTM E **534117 E** NAD 27
 PERMIT/WAIVER NO. **77179** Longitude **116.599315° W** **N** **4446785** NAD 83/WGS 84
 Issued by Water Resources Parcel No. **2802750**

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**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Top Soil		0	60	60
Grey Sandy Clay		60	155	95
Light Tan Clay		155	170	15
Grey Rock, Light Grey Clay		170	190	20
Grey Rock		190	220	30
Grey Clay		220	275	55
Granite Dyrite		275	300	25
Grey Rock		300	320	20
Grey Rock, Brown Bark		320	330	10
Dark Grey Rock		330	385	55
Light Grey Clay	x	385	395	10
Granite Dyrite	x	395	430	35
Dark Grey Rock		430	445	15
Granite Dyrite w/Clay	x	445	575	130
Grey Clay w/Black Rock	x	575	615	40
Grey Clay		615	645	30
Granite Dyrite		645	715	70
Black Rock		715	730	15
Granite Dyrite w/Grey Clay	x	730	1420	690

9. WELL CONSTRUCTION
 Depth Drilled **1420** Feet Depth Cased **1420** Feet
HOLE DIAMETER (BIT SIZE)
 From To
26.00 Inches **0** Feet **90** Feet
17.50 Inches **90** Feet **1420** Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20	78.60	.375	0	90
10.750	40.48	.3665	+2	1420
2.375	5.02	.218	+1	1400

Perforations:
 Type of perforation **Louvered 10"**
 Size of perforation **.125 full flow**
 From **320** feet to **1420** feet
 From _____ feet to _____ feet

Annular Seal: Yes No
 Neat Cement 0 to 90 Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 =30% Bentonite Grout _____ to _____ Pumped Poured
 Gravel Pack: Yes No 0 to 1420 Pumped Poured
 Type: **3/4" SRI supreme**
 Bentonite Chips: Yes No _____ to _____ Pumped Poured
 Type: _____

Date started: **January 17, 2010**
 Date completed: **February 13, 2010**

7. Water Level
 Static water level: **214'** feet below land surface
 Artesian Flow: **NA** G.P.M. **NA** P.S.I.
 Water Temperature: **Cool** °F
 Quality: **Good**

8. WELL TEST DATA

TEST METHOD:	TEST METHOD:		
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
Air Lift	368	350	6

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 **2376**
 Signed _____
 By driller performing actual drilling on site or contractor
 Date **February 19, 2010**