

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

OFFICE USE ONLY 107200

Log No.
 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. **61709**

1. OWNER **Barrick Cortez Mine** **CHPZ-96** 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 **NW1/4SW1/4 Sec31T27N/ R48E** Latitude 40.16327 UTM E **533042** NAD 27
 PERMIT/WAIVER NO. **M/O-1486A** **NA** Longitude 116.61993 N **4445747** 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
Comglomerate		0'	510'	510'
Limestone Calcite		510'	540'	30'
Black Limestone		540'	630'	90'
Dike		630'	640'	10'
Black Limestone		640'	950'	310'
Dike		950'	970'	20'
Black Limestone		970'	1170'	200'
Green & White Dike		1170'	1190'	20'
Limestone Calcite		1190'	1260'	70'
Dike		1260'	1270'	10'
Black Limestone		1270'	1360'	90'
Dike		1360'	1520'	160'
Iron Stained Dike		1520'	1540'	20'
Dike		1540'	1590'	50'
Black Limestone		1590'	1630'	40'
Gray Dike		1630'	1760'	130'
Tan & Grey Dike		1760'	1810'	50'
Gray & Black Limestone		1810'	2080'	270'
Green & Tan Dike		2080'	2260'	180'
Black Limestone		2260'	2300'	40'
Red & Green Dike		2300'	2470'	170'

9. WELL CONSTRUCTION

Depth Drilled **2470** Feet Depth Cased **2450** Feet

HOLE DIAMETER (BIT SIZE)

	From	To
20.000 Inches	0 Feet	95 Feet
14.750 Inches	95 Feet	2285 Feet
6.500 Inches	2285 Feet	2470 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16.00	42.50	.250	0	95
8.625	22.36	.250	0	2264
2.375	5.02	.218	+2	2450

Perforations:

Type of perforation **Mill Slot**
 Size of perforation **.060**

From	To
2310 feet	2450 feet
feet	feet
feet	feet
feet	feet
feet	feet

Annular Seal: Yes No

Neat Cement 0' to 2260' Pumped Poured
 Cement Grout to to Pumped Poured
 Concrete Grout to to Pumped Poured
 ≥30% Bentonite Grout to Pumped Poured

Gravel Pack: Yes No 2300' to 2470' Pumped Poured
 Type: **1/4 x 1/8 SRI**

Bentonite Chips: Yes No 2260' to 2300' Pumped Poured
 Type: **3/8 Hole Plug**

Date started: **26-May, 20 08**
 Date completed: **20-June, 20 08**

7. Water Level

Static water level: **1483.4** feet below land surface
 Artesian Flow: _____ G.P.M. _____ P.S.I.
 Water Temperature: **90** °F
 Quality: _____

8. WELL TEST DATA

TEST METHOD:	<input type="checkbox"/> Bailer	<input type="checkbox"/> Pump	<input checked="" type="checkbox"/> Air Lift
G.P.M.	85.0	NA	2.0
Draw Down (Feet Below Static)	NA		
Time (Hours)			

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 **2365**

Signed [Signature]
 By driller performing actual drilling on site or contractor
 Date **01-July-08**