

DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

Plugged by W.L. 110919

Log No. 100415
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-94** 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 **NW¼SW¼ Sec31T27N/ R48E** Latitude 40.163299 UTM E **532844.8** **69** NAD 27
PERMIT/WAIVER NO. **M/O-1486A** **NA** Longitude 116.614308 N **4445743.** **052** 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
Conglomerate		0'	370'	370'
Gray Clay		370'	380'	10'
Gray Limestone		380'	400'	20'
Black Limestone		400'	560'	160'
Gray Limestone & Clay		560'	640'	80'
Calcite		640'	670'	30'
Gray Limestone & Clay		670'	700'	30'
Gray & White Limestone		700'	730'	30'
Black, Brown, Gray Limestone		730'	1340'	610'
Quartzite		1340'	1380'	40'
Black & White Limestone		1380'	1800'	420'
Gray Limestone		1800'	1840'	40'
Conglomerate		1840'	1860'	20'
Black Limestone		1860'	2100'	240'
Black & Gray Clay		2100'	2290'	190'
Red & Gray Clay		2290'	2340'	50'
Light Gray & White Dike		2340'	2500'	160'
Gray Limestone		2500'	2700'	200'
Gray, White, & Green Dike		2700'	2800'	100'

9. WELL CONSTRUCTION
Depth Drilled **2800** Feet Depth Cased **2778** Feet
HOLE DIAMETER (BIT SIZE)
From To
20.500 Inches 0 Feet 95 Feet
12.250 Inches 95 Feet 2343 Feet
6.500 Inches 2343 Feet 2800 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16.00	42.05	.375	0	95
7.625	29.03	.375	+2	2343
2.375	5.02	.218	+1	2778

Perforations:
Type of perforation **Milled Slot**
Size of perforation **.020**
From **2498** feet to **2778** feet
From _____ feet to _____ feet

Annular Seal: Yes No
 Neat Cement 0' to 2457' Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout _____ to _____ Pumped Poured
Gravel Pack: Yes No 2487' to 2800' Pumped Poured
Type: **1/4 SRI**
Bentonite Chips: Yes No 2457' to 2487' Pumped Poured
Type: **3/8 Hole Plug**

Date started: **27-Apr, 20 08**
Date completed: **24-May, 20 08**

7. Water Level
Static water level: **1392** feet below land surface
Artesian Flow: **NO** G.P.M. **NA** P.S.I.
Water Temperature: **92** °F
Quality: _____

8. WELL TEST DATA

TEST METHOD:	Draw Down (Feet Below Static)		
	G.P.M.	Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift <input type="checkbox"/>	Time (Hours)
While Drilling 2800'	111.0	NA	1.0

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 _____
By driller performing actual drilling on site or contractor
Date **09-Jun-08**