

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

OFFICE USE ONLY
 Log No. 148816
 Permit No. _____
 Basin 54 pg1

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 63900

1. OWNER **Barrick Cortez Mine** DB-32 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 **SE1/4NW1/4 Sec8T27N/ R47E** Latitude **40 13.696'** UTM E NAD 27
 PERMIT/WAIVER NO. **71044** **NA** Longitude **116 42.296'** N 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 **Fllooded Reverse**

6. LITHOLOGIC LOG

Material	From	To	Thick-ness
Alluvial Gravel & Clay	0'	871'	871'
Tan/Black/Brown Rock	871'	917'	46'
No Sample	917'	1150'	233'
Tan/Brown Rock	1150'	1220'	70'
No Sample	1220'	1400'	180'
Brown Rock	1400'	1420'	20'
Black Rock	1420'	1430'	10'
Brown Rock	1430'	1450'	20'
Brown/Tan Rock	1450'	1500'	50'
Black/Brown Rock	1500'	1620'	120'
Brown Rock	1620'	1650'	30'
Black/Brown Rock	1650'	1680'	30'
Black Rock	1680'	1991'	311'

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40.228347' ON
 116.704012' W
 N20 27 (S)

9.

Depth Drilled	1991 Feet	Depth Cased	1991 Feet
From	0 Feet	To	37 Feet
46.00 Inches		37 Feet	837 Feet
38.00 Inches		838 Feet	1655 Feet
24.00 Inches			

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
40.00	208.26	.500	0	37
34.00	178.89	.500	0	838
18.00	70.59	.375	+50	1991

Type of perforation **Louvered**
 Size of perforation **.125**

From	270 feet to	310 feet
From	510 feet to	550 feet
From	750 feet to	790 feet
From	990 feet to	1991 feet
From	_____ feet to	_____ feet

Annular Seal: Yes No

<input checked="" type="checkbox"/> Neat Cement	0' to 837'	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Cement Grout	0' to 190'	<input checked="" type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
Gravel Pack: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	190' to 1991'	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
Type: 3/8 & 3/4 SRI Gravel			
Bentonite Chips: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
Type: _____			

Date started: **01-Jun**, 20 **09**
 Date completed: **19-Jul**, 20 **09**

7. Water Level
 Static water level: **1080** feet below land surface
 Artesian Flow: _____ G.P.M. _____ P.S.I.
 Water Temperature: **95** °F
 Quality: **Fair**

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)	Time (Hours)
	428	0	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 **2233**

Signed _____
 By driller performing actual drilling on site or contractor
 Date **21-Jul-09**

