STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY

Log No. 109613

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. 63062

1. OWNER Barrick Cortez Mine CHPZ-129

MAILING ADDRESS HC 66 Box 1250

Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Barrick Cortez Mine, south of Crescent Valley, NV

Subdivision Name: NA County: Lander

2. LOCATION NE¼NW¼ Sec19T26N/ R48E

PERMIT/WAIVER NO. MO-1532 (Issued by Water Resources) NA (Parcel. No.)

Latitude 40.114133°N UTM E 533315 ☒ NAD 27

Longitude 116.609079W N 4440288 ☐ NAD 83/WGS 84

NAD 27 (TR)

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 Reverse

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Silty Clay		0'	50'	50'
Sandy Gravel		50'	190'	140'
Larger Gravel		190'	260'	70'
Sandy Clay		260'	270'	10'
Course Gravel		270'	375'	105'
Sandy Clay		375'	460'	85'
Sandy Gravel		460'	602'	142'
Clay		602'	612'	10'
Gravel w/Clay Ledges		612'	1000'	388'

Construction Notes:

Neat Cement Pumped		883'	1000'	117'

Date started: 17-Feb, 20 08

Date completed: 21-Feb, 20 08

9. WELL CONSTRUCTION

Depth Drilled 1000 Feet Depth Cased 860 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14.750 Inches	0 Feet	40 Feet
6.50 Inches	40 Feet	1000 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	5.02	.218	+2	860
8.675	22.36	.250	0	40

Perforations:

Type of perforation Slot

Size of perforation .125

From 760 feet to 860 feet

From feet to feet

From feet to feet

From feet to feet

From feet to feet

Annular Seal: ☒ Yes ☐ No

☒ Neat Cement 0' to 757' ☒ Pumped ☐ Poured

☐ Cement Grout to ☐ Pumped ☐ Poured

☐ Concrete Grout to ☐ Pumped ☐ Poured

☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 757' to 883' ☒ Pumped ☐ Poured

Type:

Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured

Type:

7. Water Level

Static water level: 71 feet below land surface

Artesian Flow: G.P.M. P.S.I

Water Temperature: Cold °F

Quality:

8. WELL TEST DATA

TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
4.0	NA	11.0

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 2385

Signed

By driller performing actual drilling on site or contractor

Date 20-Mar-09

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