STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 108230
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. 63055

1. OWNER Barrick Cortez Mines CHPZ-128
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 SE¼SW¼ Sec18T26N/ R48E
PERMIT/WAIVER NO. M/O-1528A (Issued by Water Resources) NA (Parcel. No.)

Latitude 40.118215 UTM E 533300 ☒ NAD 27
Longitude 116.609222 N 4440741 ☐ NAD 83/WGS 84

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
Blow Sand		0'	40'	40;
Sand & Gravel		40'	135'	95'
Tuff, Sand & Gravel		135'	190'	55'
Sand & Gravel		190'	300'	110'
Tuff & sand		300'	330'	30'
Sand & Gravel		330'	450'	120'
Smaller Sand & Gravel		450'	590'	140'
Clay		590'	620'	30'
Sand & Gravel		620'	680'	60'
Clay		680'	700'	20'
Sand & Gravel		700'	790'	90'
Clay & Some Gravel		790'	820'	30'
Sand & Gravel		820'	970'	150'
Clay & Sand		970'	1060'	90'
Course Sand		1060'	1150'	90'
Clay		1150'	1200'	50'
Transducer ran on outside of pipe, gravel packed from		520'	525'	5'
Cemented		600'	1055'	455'
Bentonite Chips		525'	600'	75'
Cemented		180'	520'	340'
Bentonite Chips		50'	180'	130'

Date started: 08-Jan, 20 09
Date completed: 18-Jan, 20 09

9. WELL CONSTRUCTION
Depth Drilled 1200 Feet Depth Cased 1100 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14.750 Inches	0 Feet	40 Feet
6.500 Inches	40 Feet	1200 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8.675	22.36	.250	0	40
2.375	5.00	.218	+2	1100

Perforations:
Type of perforation Slotted
Size of perforation .050
From 1060 feet to 1100 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 50' ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 1055' to 1100' ☒ Pumped ☐ Poured
Type: 1/4 SRI 520' to 525'

Bentonite Chips: ☒ Yes ☐ No 1100' to 1200' ☒ Pumped ☐ Poured
Type: 3/8 Hole Plug

7. Water Level
Static water level 77 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: 55 °F
Quality:

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
100	NA	
	While Drilling	

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 1410
Signed
By driller performing actual drilling on site or contractor
Date 20-Jan-09

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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