STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 114365
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. 65820

1. OWNER Barrick Cortez Mine CHPZ-227
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Hills Minesite
Crescent Valley, NV 89821
Subdivision Name: County: Lander

2. LOCATION SW¼SE¼ Sec31T27N/ R48E
PERMIT/WAIVER NO. M/O 1712 (Issued by Water Resources) Parcel. No.

Latitude
Longitude
UTM E 553510 ☒ NAD 27
N 4445697 ☐ 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
Alluvium		0	420	420
Limestone		420	2012	1592
Tranducers at 1260 1440				
Neat cement		0	52	52
3/8 hole plug		52	95	43
abantonite		95	1247	1152
3/8 hole plug		1247	1255	8
1/4 gravel		1255	1264	9
3/8 hole plug		1264	1424	160
1/4 gravel		1424	1444	20
3/8 hole plug		1444	1639	195
abantonite		1639	1869	230
3/8 hole plug		1869	1881	12
1/4 gravel		1881	2012	131

Date started: July 16, 20 11
Date completed: July 31, 20 11

9. WELL CONSTRUCTION
Depth Drilled 2012 Feet Depth Cased 1998 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
19 Inches	0 Feet	37 Feet
6.75 Inches	37 Feet	1335 Feet
6.5 Inches	1335 Feet	2012 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	52.77	.312	+1.5	37
2.375	.958	.218	+1	1998

Perforations:
Type of perforation Slot .125 spacing
Size of perforation .028
From 1898 feet to 1998 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 52 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No to ☐ Pumped ☒ Poured
Type:
Bentonite Chips: ☒ Yes ☐ No to ☒ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 590 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: °F
Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
.50	N/A	7

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 (CONTRACTOR)
Address 2745 California Ave (CONTRACTOR)
SLC, UT 84104
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 2350
Signed
By driller performing actual drilling on site or contractor
Date August 12, 2011

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40.160981°N, 116.604875°W NAD27 d.d.