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

PRINT OR TYPE IN BLACK INK ONLY
DO NOT WRITE ON BACK

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

OFFICE USE ONLY
Log No. 121775
Permit No. 84318T
Basin No. 054

NOTICE OF INTENT NO. 71781
WELL NAME (if applicable): PW99-01R

1. OWNER/CLIENT NAME Barrick Cortez Mine
MAILING ADDRESS HC66 P.O. Box 1250
Crescent Valley, NV. 89821

DETAILED ADDRESS AT WELL LOCATION 10 Miles SW of Crescent Valley, NV
Subdivision Name: County: Lander

2. PLS LOCATION SW ¼ SW ¼ 15 Sec 28 N/S 47 E
PERMIT/WAIVER NO. 84318T (Issued by Water Resources) Current Parcel No.

Latitude UTM E 528080 ☒ NAD 27
Longitude UTM N 4460176 ☐ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Deepen: Orig WL#
☐ Replacement: Original well log #
☐ Recondition: Original well log #

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Monitor
☐ Mining / Dewater ☐ Com / Ind ☐ Stock
☐ Test / Other ☒ Mun / QM ☐ Rec

5. WELL TYPE
☐ Auger ☐ Rotary ☐ RVC
☐ Air ☐ Mud ☐ Sonic
☒ Other Flooded

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To
Brown and grey rock			0	10
Brown and dark grey rock			10	30
Light grey, brown and tan rock			30	70
Brown and grey rock w/little clay			70	320
Light grey rock w/little clay			320	490
Brown abd grey rock			490	500
Light grey rock			500	520
Cement seal left 5' below grade for future construction. Ring welded between conductor and production casing				
Nad 27 40.293505 N 116.669629 W				

Date started: 20-Jan, 20 15
Date completed: 21-Jan, 20 15

7. WATER QUALITIES
Static water level: 337.3 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 62 ° Fahrenheit
Water Quality: Good

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

G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
70	NA	4

9. CONSTRUCTION
Depth Drilled: 520 Feet Depth Cased: 500 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
26	Inches	0	Feet	60	Feet
19	Inches	60	Feet	520	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
22	86.61	.375	0	60
10.75	40.48	.375	+2	300
10.75	12.3	.593	300	500

ANNULAR MATERIALS
Sanitary Seal ☒ Yes ☐ No

☐ Neat Cement	5	to 60	☐ Pumped	☒ Poured	
☐ Cement Grout		to	☐ Pumped	☐ Poured	
☐ Concrete Grout		to	☐ Pumped	☐ Poured	
☒ Bentonite Chips	60	to 370	☒ Pumped	☐ Poured	3/8" Hole plug
☒ Gravel Pack [> 0.2 in.]	370	to 520	☐ Pumped	☒ Poured	1/4" Gravel
☐ Sand Pack [< 0.2 in.]		to	☐ Pumped	☐ Poured	
☐ Other, explain:		to	☐ Pumped	☐ Poured	

PERFORATIONS:
Type of perforation: Millslot
Size of perforation: 0.08

From	Feet	To	Feet
420	Feet	500	Feet
	Feet		Feet
	Feet		Feet
	Feet		Feet
	Feet		Feet

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Boart Longyear (Contractor)
Address 2745 California Ave., SLC., UT. 84104 (Contractor)
Nevada contractor's license number as issued by the State Contractor's Board. 0021976
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): 2452
Signed: (By driller performing actual drilling on site or contractor)
Date: 5-Feb-15

(Rev. 12-13) USE ADDITIONAL SHEETS IF NECESSARY pg. 1 of pg. 1