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

OFFICE USE ONLY
Log No. 115666
Permit No.
Basin No. 138

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

NOTICE OF INTENT NO. 68578
WELL NAME *(If applicable)*: CHPZ-291

1. OWNER/CLIENT NAME Barrick Cortez
MAILING ADDRESS HC-66 BOX 1250
CRESCENT VALLEY NV 89821

DETAILED ADDRESS AT WELL LOCATION Cortez Hold Mine
Subdivision Name: *County:* Lander

2. PLS LOCATION nw ¼ se ¼ 6 Sec 26n N/S 48 E
PERMIT/WAIVER NO. m/o 1848
Issued by Water Resources *Current Parcel No.*

Latitude UTM E 533594.5 [X] NAD 27
Longitude UTM N 4444444.6 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[X] New Well [ ] Deepen: Orig WL#
[ ] Replacement: Original well log #
[ ] Recondition: Original well log #

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [X] Monitor
[ ] Mining / Dewater [ ] Com / Ind [ ] Stock
[ ] Test / Other [ ] Mun / QM [ ] Rec

5. WELL TYPE
[ ] Auger [X] Rotary [X] RVC
[X] Air [ ] Mud [ ] Sonic
[ ] Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To	Thickness
Gravel/sand			0	200	200
Black limestone		232	200	690	490
Brown sands and rock			690	900	210
Black /brown mix rock			900	1440	540

NAD 27
40.151566°N
116.605579°W

Date started: 7-Sep, 20 12
Date completed: 23-Sep, 20 12

9. WELL CONSTRUCTION
Depth Drilled: 1440 Feet Depth Cased: 1440 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
19	Inches	0	Feet	80	Feet
6.75	Inches	80	Feet	1440	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
14	54.57	.375	0	80
2.375	0.958	.154	+2	1440

PERFORATIONS:
Type of perforation: Slotted
Size of perforation: 0.02
From 1360 Feet To 1440 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

[ ] Sanitary Seal		to			
[X] Neat Cement	0	to	80	[X] Pumped	[ ] Poured
[ ] Cement Grout	80	to	1350	[X] Pumped	[ ] Poured
[ ] Concrete Grout		to		[ ] Pumped	[ ] Poured
[X] Bentonite Chips	1350	to	1355	[ ] Pumped	[X] Poured
[ ] Bentonite Grout		to		[ ] Pumped	[ ] Poured
[ ] 15 % [ ] 20 % [ ] Other, explain:					
[X] Gravel Pack [> 0.2 in.]	1355	to	1440	[ ] Pumped	[X] Poured
[ ] Sand Pack [< 0.2 in.]		to		[ ] Pumped	[ ] Poured
[ ] Other, explain:		to		[ ] Pumped	[ ] Poured

7. WATER QUALITIES
Static water level: 232 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: Cold " Fahrenheit
Water Quality: good

8. WELL TEST DATA
Test Method: [ ] Bailer [ ] Pump [X] Air Lift

G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
5		24

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name NATIONAL EWP
Contractor
Address 580 W SILVER ST ELKO NV 89801
Contractor
Nevada contractor's license number as issued by the *State Contractor's Board:* 0075355
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2385
Signed: James McCoy
By driller performing actual drilling on site or contractor
Date: 8/23/2012

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY