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

OFFICE USE ONLY
Log No. 118192
Permit No.
Basin No. 138

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

NOTICE OF INTENT NO. 69589
WELL NAME *(If applicable)*: chpz 294

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

DETAILED ADDRESS AT WELL LOCATION
Subdivision Name: *County:* Lander

2. PLS LOCATION nw ¼ se ¼ 6 Sec 26n N/S 48 E
PERMIT/WAIVER NO. M/O1848
Issued by Water Resources *Current Parcel No.*

Latitude UTM E 533527.8 [X] NAD 27
Longitude UTM N 4444371.2 [ ] 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
conglamorite			0	100	100
limestone			100	140	40
conglamorite			140	210	70
limestone			210	1020	810
gray clays and rock			1020	1050	30
limestone			1050	2000	
CHPZ - 294					
Transducers @ 1040' and 1600'					

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Date started: 23-Nov, 20 12
Date completed: 2-Dec, 20 12

9. WELL CONSTRUCTION
Depth Drilled: 2000 Feet Depth Cased: 2000 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
19	Inches	0	Feet	80	Feet
6.750	Inches	80	Feet	2000	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	+1.5	2000

PERFORATIONS:
Type of perforation: slotted
Size of perforation: 0.02
From 1900 Feet To 2000 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

[X] Sanitary Seal	0	to	80		
[X] Neat Cement	0	to	50	[X] Pumped	[ ] Poured
[X] Cement Grout	50	to	1898	[X] Pumped	[ ] Poured
[ ] Concrete Grout		to		[ ] Pumped	[ ] Poured
[X] Bentonite Chips	1893	to	1898	[ ] Pumped	[X] Poured
[ ] Bentonite Grout		to		[ ] Pumped	[ ] Poured
[ ] 15 % [ ] 20 % [ ] Other, explain:					
[X] Gravel Pack [> 0.2 in.]	1898	to	2000	[ ] Pumped	[X] Poured
[ ] Sand Pack [< 0.2 in.]		to		[ ] Pumped	[ ] Poured
[ ] Other, explain:		to		[ ] Pumped	[ ] Poured

7. WATER QUALITIES
Static water level: 762 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 65 ° 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)
air lift	2		24
NAD 27	40.150913°N 116.606360°W		

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 McCa
By driller performing actual drilling on site or contractor
Date: 12/14/2012

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY