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

OFFICE USE ONLY
Log No. 115443
Permit No. 83215T
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. 68797
WELL NAME *(If applicable)*: DW37

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

DETAILED ADDRESS AT WELL LOCATION
Humboldt River Basin
Subdivision Name: *County:* Lander

2. PLS LOCATION ne ¼ sw ¼ 6 Sec 26 N/S 48 E
PERMIT/WAIVER NO. 83215T ~~77179~~ *Issued by Water Resources* ~~Order 1189~~ *Current Parcel No.*

Latitude UTM E 533271.419 [X] NAD 27
Longitude UTM N 4444480.284 [ ] 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 [ ] Monitor
[X] Mining / Dewater [ ] Com / Ind [ ] Stock
[ ] Test / Other [ ] Mun / QM [ ] Rec

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

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To	Thickness
Alluvium W/Tuff			0	1200	1200
there are 2 strings of					
2.375" sounder					
One is attachted @					
1180' elbowed in					
the other is at 750'					

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NAD27
40.151906°N
116.609365°W

Date started: , 20 13
Date completed: 25-Nov , 20 13

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

HOLE DIAMETER (BIT SIZE)

		From		To	
30	Inches	0	Feet	57	Feet
22	Inches	57	Feet	1040	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
24	86.6	.375	0	57
14	54.5	.375	+1.5	1200
2.375	4.39	.188	+1.5	1180

PERFORATIONS:
Type of perforation: wire wrap
Size of perforation: 0.04
From 800 Feet To 1200 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

[X] Sanitary Seal	0	to	57		
[ ] Neat Cement		to		[ ] Pumped	[ ] Poured
[ ] Cement Grout		to		[ ] Pumped	[ ] Poured
[X] Concrete Grout	0	to	740	[ ] Pumped	[X] Poured
[X] Bentonite Chips	740	to	745	[ ] Pumped	[X] Poured
[ ] Bentonite Grout		to		[ ] Pumped	[ ] Poured
[ ] 15 % [ ] 20 % [ ] Other, explain:					
[ ] Gravel Pack [> 0.2 in.]		to		[ ] Pumped	[ ] Poured
[X] Sand Pack [< 0.2 in.]	745	to	1200	[X] Pumped	[ ] Poured
[ ] Other, explain:		to		[ ] Pumped	[ ] Poured

7. WATER QUALITIES
Static water level: 517 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: cool ° Fahrenheit
Water Quality: fair

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

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

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 M [signature]
By driller performing actual drilling on site or contractor
Date: 12/2/2013

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY