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

OFFICE USE ONLY
Log No. 117734
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. 68571
WELL NAME *(If applicable)*:

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

DETAILED ADDRESS AT WELL LOCATION
CHPZ 284B
Subdivision Name: *County:* Lander

2. PLS LOCATION NE ¼ SW ¼ 6 Sec 26N N/S 48 E
PERMIT/WAIVER NO. M/01831A
Issued by Water Resources *Current Parcel No.*

Latitude UTM E 533186 [X] NAD 27
Longitude UTM N 4444454 [ ] 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
ALLUVIUM			0	350	350
LIHT BROWN ROCK			350	760	410
light brown rock w/clay			760	830	70
lt brown & gray rock			830	1605	775

*Changes made per National EWP on 9/19/2012 L.M.J.

RECEIVED 2012 SEP -4 AM 11:45 STATE ENGINEER'S OFFICE

Date started: 18-Jul, 20 12
Date completed: 23-Aug, 20 12

9. WELL CONSTRUCTION
Depth Drilled: 1605 Feet Depth Cased: 1600 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
19"	Inches	0	Feet	80	Feet
12.250	Inches	80	Feet	1000	Feet
6.75	Inches	1000	Feet	1650	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
14"	54.5	.375	0	80
7.675"	19.2	.250	+2 ~~0~~	~~1000~~ 100 *
2.375"	0.9	.199	+1.5	~~1605~~ 1600

PERFORATIONS:
Type of perforation: mill slot
Size of perforation: 0.02
From 1500 Feet To 1600 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

[X] Sanitary Seal	0 to 80			
[ ] Neat Cement	to		[ ] Pumped	[ ] Poured
[X] Cement Grout	50 to 1485		[X] Pumped	[ ] Poured
[ ] Concrete Grout	to		[ ] Pumped	[ ] Poured
[X] Bentonite Chips	1485 to 1490		[ ] Pumped	[X] Poured
[ ] Bentonite Grout	to		[ ] Pumped	[ ] Poured
[ ] 15 % [ ] 20 % [ ] Other, explain:				
[X] Gravel Pack [> 0.2 in.]	1490 to 1605		[ ] Pumped	[X] Poured
[ ] Sand Pack [< 0.2 in.]	to		[ ] Pumped	[ ] Poured
[ ] Other, explain:	to		[ ] Pumped	[ ] Poured

7. WATER QUALITIES
Static water level: 428 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: COOL ° 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	9	N/A	24:00
		40.151672°N	NAD 27
		116.610369°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: Jack McC *Driller performing actual drilling on site or contractor*
Date: 8/23/2012

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY