

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

OFFICE USE ONLY
Log No. 116729
Permit No. _____
Basin No. 054

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. 67428
WELL NAME (If applicable): CHPZ-314

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

DETAILED ADDRESS AT WELL LOCATION CHPZ 314
Subdivision Name: _____ County: Lander

2. PLS LOCATION nw 1/4 nw 1/4 6 Sec 26n N/S 48 E Latitude _____ UTM E 532948 NAD 27
PERMIT/WAIVER NO. m/o 1862 Longitude _____ UTM N 4445272 NAD 83/WGS 84
Issued by Water Resources Current Parcel No.

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

4. PROPOSED USE
 Domestic Irrigation Monitor Auger Rotary RVC
 Mining / Dewater Corn / Ind Stock Air Mud Sonic
 Test / Other Mun / QM Rec Other _____

5. WELL TYPE
 Rotary RVC
 Auger Mud Sonic
 Air Rec Other _____

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To	Thickness
aluvium			0	1020	
light brown rock			1020	1060	40
gray rock w/ clay			1060	1200	140
trans duct @ 63'					
hole plugged and abandoned from 1200' to 936'					
neat cement			100	0	
Bore Grout Abandon mat			100	630	
3/8 hole plug			630	634	
1/4 sand			634	638	
3/8 hole plug			638	874	
1/4 sand			874	936	

Date started: 26-Apr, 20 13
Date completed: 20-May, 20 13

9. WELL CONSTRUCTION

Depth Drilled: 1200 Feet Depth Cased: 936 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
<u>12.250</u> Inches	<u>0</u> Feet	<u>100</u> Feet
<u>6.75</u> Inches	<u>100</u> Feet	<u>1200</u> Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>7.675</u>	<u>29.2</u>	<u>.375</u>	<u>+2</u>	<u>100</u>
<u>2.375</u>	<u>0.958</u>	<u>.154</u>	<u>+1.5</u>	<u>936</u>

PERFORATIONS:

Type of perforation: mill slot
Size of perforation: 0.02
From 936 Feet To 876 Feet
From _____ Feet To _____ Feet
From _____ Feet To _____ Feet

ANNULAR MATERIALS

<input checked="" type="checkbox"/> Sanitary Seal	<u>0</u> to <u>100</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Neat Cement	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Bentonite Chips	<u>874</u> to <u>638</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Bentonite Grout	<u>630</u> to <u>100</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> 15% <input type="checkbox"/> 20% <input checked="" type="checkbox"/> Other, explain: Bore grout 25%			
<input type="checkbox"/> Gravel Pack [> 0.2 in.]	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Sand Pack [< 0.2 in.]	<u>936</u> to <u>874</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Other, explain: _____	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

7. WATER QUALITIES

Static water level: 454 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: Bailor Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
air lift	<u>2</u>		<u>48</u>

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: John McC...
By driller performing actual drilling on site or contractor.
Date: 5/21/2013