

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

OFFICE USE ONLY
Log No. 115671
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. 67425
WELL NAME (if applicable): CHPZ330

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

DETAILED ADDRESS AT WELL LOCATION
This well was started as CHPZ-330 then turned into DW-21
Subdivision Name: _____ County: Lander

2. PLS LOCATION ne 1/4 se 1/4 36 Sec 27 N/S 47 E
PERMIT/WAIVER NO. Order 1149
Issued by Water Resources Current Parcel No.

Latitude UTM E 532517 NAD 27
Longitude UTM N 4445874 NAD 83/WGS 84

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

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

5. WELL TYPE
 Auger Rotary RVC
 Air Mud Sonic
 Other

6. LITHOLOGIC LOG					
Material Encountered	Lost Circ.	Water Strata	From	To	Thickness
aluvium clay and gravel			0	60	60
Limestone			60	940	880
rhyolite			940	970	30
limestone			970	1140	170
rhyolite			1140	1260	120
grey limestone			1260	1360	100
black limestone			1360	1420	60
grey limestone			1420	1570	150
dark grey limestone			1570	1630	60
light grey limestone			1630	1730	100
Limestone			1730	1760	30
dark grey limestone			1760	1790	30
tan/white rhyolite			1790	1800	10
Limestone			1800	2150	350
rhyolite			2150	2180	30
grey limestone			2180	2310	130
rhyolite			2310	2340	2340
Limestone			2340	2430	90
dolomite			2430	2610	180
Limestone			2610	2680	70
micrite			2680	2830	150
calc silicate			2830	2910	80
dolomite			2910	3000	3000

9. WELL CONSTRUCTION
Depth Drilled: 3000 Feet Depth Cased: 3000 Feet

HOLE DIAMETER (BIT SIZE)					
		From			To
Excavated	Inches	0	Feet	15	Feet
26	Inches	15	Feet	80	Feet
19	Inches	80	Feet	3000	Feet

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
40	210.93	.5	0	15
22	86.61	.375	0	80
14	24.57	.375	+2	3000

PERFORATIONS:
Type of perforation: Rosco Moss Full Flow
Size of perforation: .1/8
From 920 Feet To 940 Feet
From 1820 Feet To 3000 Feet
From _____ Feet To _____ Feet

ANNULAR MATERIALS
 Sanitary Seal 0 to 200
 Neat Cement 0 to 200 Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 Bentonite Chips 200 to 210 Pumped Poured
 Bentonite Grout _____ to _____ Pumped Poured
 15 % 20 % Other, explain: _____
 Gravel Pack [> 0.2 in.] _____ to _____ Pumped Poured
 Sand Pack [< 0.2 in.] _____ to _____ Pumped Poured
 Other, explain: _____ to _____ Pumped Poured
See page 2

7. WATER QUALITIES
Static water level: 1615 Feet below land surface
Artesian Flow: n/a G.P.M. n/a P.S.I.
Water Temperature: _____ ° Fahrenheit
Water Quality: Good

8. WELL TEST DATA			
Test Method:	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
<input type="checkbox"/> Baller <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	<u>100</u>	<u>0</u>	<u>1 hr</u>
<u>NAD 27</u>			
<u>40-11-11-2012</u>			
<u>116-6151294</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): 2374
Signed: TJ Simkins
By driller performing actual drilling on site or contractor
Date: 8/23/2012

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY

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