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

OFFICE USE ONLY
Log No. 121085
Permit No. 77179
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. 71672
WELL NAME *(If applicable)*: DW-40

1. OWNER/CLIENT NAME Barrick Cortez
MAILING ADDRESS HC66 Box 1250
Crescent Valley, NV 89821

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

2. PLS LOCATION se ¼ sw ¼ 31 Sec 27 N/S 48 E
PERMIT/WAIVER NO. 77179 *Issued by Water Resources* order 1189 *Current Parcel No.*

Latitude
Longitude
UTM E 533182.275 [x] NAD 27
UTM N 4445602.003 [ ] 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 [x] Rotary [ ] RVC
[ ] Air [ ] Mud [ ] Sonic
[ ] Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To	Thickness
Aluvium			0	750	750
light gray rock			750	1010	260
perforations					
780-980					
NAD 27					
40.161997°N					
116.610354°W					

Date started: 28-Sep , 20 14
Date completed: 13-Oct , 20 14

9. WELL CONSTRUCTION
Depth Drilled: 1010 Feet Depth Cased: 1000 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
26	Inches	0	Feet	37	Feet
19	Inches	37	Feet	1010	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
22	86.61	.375	0	37
10.75	40.48	.375	+2	1000
2.375	4	.188	+1.5	960

PERFORATIONS:
Type of perforation: pipe based wire wrap
Size of perforation: 0.09
From 520 Feet To 660 Feet
From 580 Feet To 720 Feet
From 740 Feet To 760 Feet

ANNULAR MATERIALS

[x] Sanitary Seal	0	to	490		
[x] Neat Cement	0	to	490	[x] Pumped	[ ] Poured
[ ] Cement Grout		to		[ ] Pumped	[ ] Poured
[ ] Concrete Grout		to		[ ] Pumped	[ ] Poured
[x] Bentonite Chips	490	to	495	[ ] 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.]	495	to	1010	[ ] Pumped	[x] Poured
[ ] Other, explain:		to		[ ] Pumped	[ ] Poured

7. WATER QUALITIES
Static water level: 432 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: ° Fahrenheit
Water Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
25		

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:* 75355
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2385
Signed: James McCo By driller performing actual drilling on site or contractor
Date: 10/20/2014

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(Rev. 08-12)
USE ADDITIONAL SHEETS IF NECESSARY