STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 121086
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. 71766
WELL NAME *(If applicable)*: DW-41

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

Latitude UTM E 533245.288 [x] NAD 27
Longitude UTM N 4445748.42 [ ] 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	670	670
light gray rock			670	720	50
light brown tan gravels			720	910	190
2" diameter .188 wall					
4 lb gravel					
Fill tube +1'-450'					
NAD27					
40.163332°N					
116.609606°W					

Date started: 10-Sep , 20 14
Date completed: 28-Sep , 20 14

9. WELL CONSTRUCTION
Depth Drilled: 910 Feet Depth Cased: 900 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
26	Inches	0	Feet	37	Feet
20	Inches	37	Feet	910	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
14	54.57	.375	+2	900
2	4	.188	+1.5	860

PERFORATIONS:
Type of perforation: pipe based wire wrap
Size of perforation: 0.12
From 460 Feet To 900 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

[x] Sanitary Seal	0	to	430		
[x] Neat Cement	0	to	430	[x] Pumped	[ ] Poured
[ ] Cement Grout		to		[ ] Pumped	[ ] Poured
[ ] Concrete Grout		to		[ ] Pumped	[ ] Poured
[x] Bentonite Chips	430	to	435	[ ] 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.]	435	to	910	[ ] Pumped	[x] Poured
[ ] Other, explain:		to		[ ] Pumped	[ ] Poured

7. WATER QUALITIES
Static water level: 201 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)
60		

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:* 76355
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2385
Signed: James M. [illegible] *By driller performing actual drilling on site or contractor*
Date: 10/20/2014

RECEIVED 2014 NOV 17 PM 1:00 ENGINEERS OFFICE

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY