STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 120614
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. 68847
WELL NAME *(If applicable)*: DW-38

1. OWNER/CLIENT NAME Barrick
MAILING ADDRESS HC-66 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 order # 11889
Issued by Water Resources *Current Parcel No.*

Latitude UTM E 533162.979 [x] NAD 27
Longitude UTM N 4445376.134 [ ] 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 [ ] Rotary [x] RVC
[ ] Air [x] Mud [ ] Sonic
[ ] Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To	Thickness
Alluvium			0	160	160
Brown clay with rock			160	580	420
gray rock with clay fill			580	970	390
fractures					
Gravel fill tube 2.375					
from +1.5-500'					
NAD27					
40.159981°N					
116.610592°W					

Date started: 10-Aug, 20 14
Date completed: 29-Aug, 20 14

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9. WELL CONSTRUCTION
Depth Drilled: 970 Feet Depth Cased: 960 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
26	Inches	0	Feet	40	Feet
19	Inches	40	Feet	970	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
22		.375	0	40
10.75		.375	+1.5	960
2.375		.188	+1.5	920

PERFORATIONS:
Type of perforation: Wire wrap
Size of perforation: 0.08
From 520 Feet To 960 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

[x] Sanitary Seal	0	to 74		
[x] Neat Cement	74	to 500	[x] Pumped	[ ] Poured
[ ] Cement Grout		to	[ ] Pumped	[ ] Poured
[ ] Concrete Grout		to	[ ] Pumped	[ ] Poured
[ ] Bentonite Chips		to	[ ] Pumped	[ ] Poured
[ ] Bentonite Grout		to	[ ] Pumped	[ ] Poured
[ ] 15 % [ ] 20 % [ ] Other, explain:				
[ ] Gravel Pack [> 0.2 in.]		to	[ ] Pumped	[ ] Poured
[x] Sand Pack [< 0.2 in.]	500	to 970	[x] Pumped	[ ] Poured
[ ] Other, explain:		to	[ ] Pumped	[ ] Poured

7. WATER QUALITIES
Static water level: 376 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)
119		

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 McCoy
By driller performing actual drilling on site or contractor
Date: 8/29/2014

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY