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

OFFICE USE ONLY
Log No. 116164
Permit No.
Basin No. 129

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. 68731 ✓
WELL NAME *(If applicable)*: SV12-602W

1. OWNER/CLIENT NAME BARRICK GOLD OF NORTH AMERI
MAILING ADDRESS P.O. BOX 29 ELKO NV 89803

DETAILED ADDRESS AT WELL LOCATION Barrick Mine
129 28N 34E 03AB;40.329617331 N,118.139571002 W
Subdivision Name: County: PERSHING

2. PLS LOCATION NW ¼ NE ¼ 03 Sec 28 N/S 34 E
PERMIT/WAIVER NO. M/O1839 *(Issued by Water Resources)* *(Current Parcel No.)*

Latitude UTM E ☐ NAD 27
Longitude UTM N ☒ 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
QAL-ALUVIUM			0	40	40
RHYOLITE TUFF			40	190	150
WELDED TUFF			190	200	10

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40.329708°N NAD 27
118.138599°W

Date started: 19-Aug , 20 12
Date completed: 22-Aug , 20 12

9. WELL CONSTRUCTION
Depth Drilled: 200 Feet Depth Cased: 200 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	200	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8	10.8	1.56	+4	50
4.5	11.36	.250	+3	200

PERFORATIONS:
Type of perforation: SLOT
Size of perforation: 0.04
From 162 Feet To 182 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

☒ Sanitary Seal	0	to	50		
☐ Neat Cement		to		☐ Pumped	☐ Poured
☒ Cement Grout	160'	to	162'	☒ Pumped	☐ Poured
☐ Concrete Grout		to		☐ Pumped	☐ Poured
☐ Bentonite Chips		to		☐ Pumped	☐ Poured
☒ Bentonite Grout	50'	to	160'	☒ Pumped	☐ Poured
☐ 15 % ☐ 20 % ☐ Other, explain:					
☐ Gravel Pack [> 0.2 in.]		to		☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	160	to	182	☐ Pumped	☐ Poured
☒ Other, explain:	182	to	200	☒ Pumped	☐ Poured

BENTONITE GROUT SLURRY 182 TO 200

7. WATER QUALITIES
Static water level: 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 ☐ Air Lift

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

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name ROBERT OESCHGER / Hard Rock Exploration (Contractor)
Address 5905 SKY TERRACE CT - RENO NV 89511 (Contractor)

Nevada contractor's license number as issued by the *State Contractor's Board*: 0048915A
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller)*: 1670

Signed: (By driller performing actual drilling on site or contractor)
Date: 1-Sep-12

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY

8-19 to 8-22

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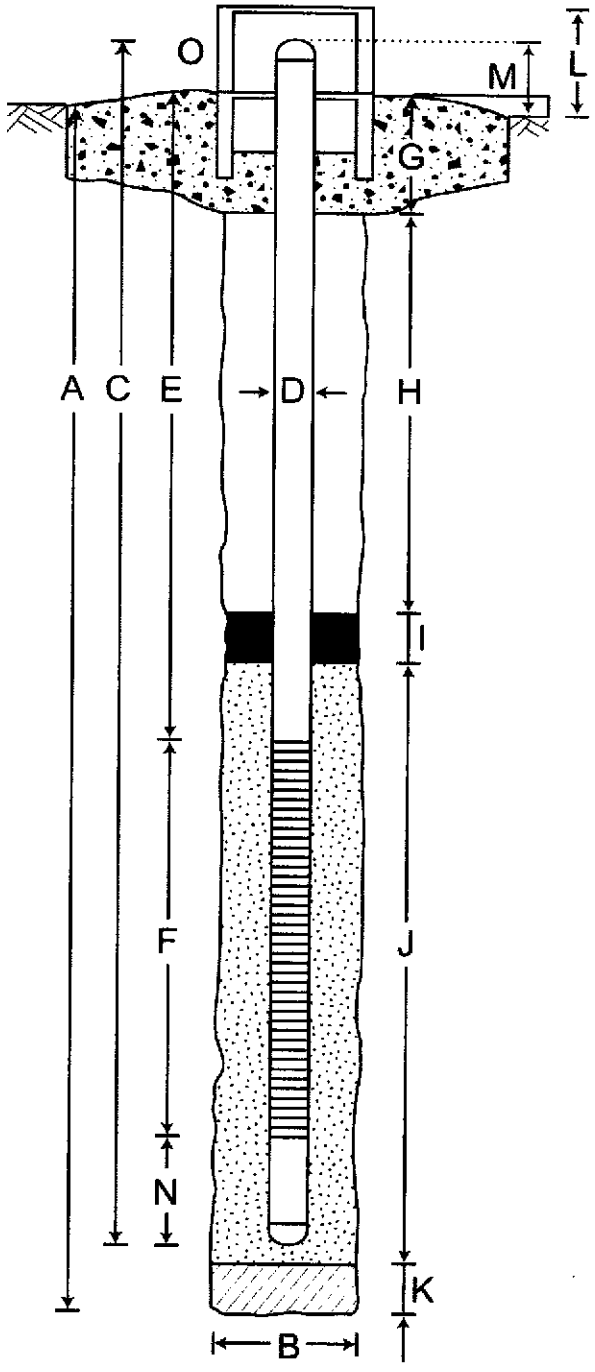
integral

Figure 3c
Proposed Monitoring Well Construction Diagram

Project Number: C855 | Boring/Well ID: Proposed Monitoring Well Diagram (SV12-602W)

Project Name: Barrick Spring Valley, NV | Top of Casing Elevation (at Mark):

Project Location: Spring Valley, NV | Collar Elevation: 5475



6 5/8 Surface Casing 50 TD + 4' Stickup

Boring

A. Total Depth (feet): 200

B. Diameter (inches): 10 5/8

Drilling Method: mud Rotary

Well Construction

C. Casing Length (feet): 203

Material:

D. Diameter (inches): 4.5 (OD)

E. Depth to Top of screen (feet): ~~175~~ 162' ~~182'~~

F. Screened Interval (from/to-feet): ~~175-195~~ 162' to 182'

Screen Type: 162-182'

Screen Size (inches): 0.040 slot

G. Surface Grout (from/to-feet): 0-50'

Materials: Neat Cement - SuperPlug

H. Backfill (from/to-feet): 162' to 50'

Backfill Material: SuperPlug - Barite - 1/4 chips

I. Bentonite Seal (from/to-feet): ~~171-172~~ 160 to 162'

Material: bentonite + Cement + Chips

J. Filter Pack (from/to-feet): ~~172-200~~ 160 - 182'

Pack Material/Size: 8-12 sand pack

K. Bottom Zone if Needed (from/to-feet): 182' to 200'

Material: cement - SuperPlug slurry

L. Surface Monument Height above Grade (feet): 4

M. Stickup height (feet): 3

N. Silt Trap Length (feet): 18'

O. Type of Surface Monument: 6 5/8 steel 4' AGL