STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 117742
Permit No. 49858
Basin No. 053

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. 70234
WELL NAME *(If applicable)*: JD Ranch

1. OWNER/CLIENT NAME Barrick Gold Mine-JD Ranch
MAILING ADDRESS P.O. Box 29
Elko, NV 89803

DETAILED ADDRESS AT WELL LOCATION Pine Valley
Eureka, NV
Subdivision Name: *County:* Eureka

2. PLS LOCATION NE ¼ NW ¼ 34 Sec 26 N/S 50 E
PERMIT/WAIVER NO. 49858 *Issued by Water Resources* *Current Parcel No.*

Latitude 40.09637 UTM E ☐ NAD 27
Longitude 116.32423 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
Sand w/s Gravel			0	68	68
Brown Clay			68	122	54
Gray Clay			122	128	6
Brown Clay			128	155	27
Clay w/s Sand		X	155	218	63
Gravel w/s Sand		X	218	271	53
Brown Clay			271	300	29

Replace unknown well log
NAD27
40.096449°N
116.323333°W

Date started: 24-Jun , 20 13
Date completed: 2-Jul , 20 13

9. *WELL CONSTRUCTION*
Depth Drilled: 300 Feet Depth Cased: 300 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12.75	Inches	0	Feet	300	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.625	12.92	.188	0	300

PERFORATIONS:
Type of perforation: Mill Cut
Size of perforation:
From 80 Feet To 100 Feet
From 180 Feet To 280 Feet
From Feet To Feet

ANNULAR MATERIALS

☒ Sanitary Seal		to		
☒ Neat Cement	0	to	50	☒ 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.]	50	to	300	☐ Pumped ☒ Poured
☐ Sand Pack [< 0.2 in.]		to		☐ Pumped ☐ Poured
☐ Other, explain:		to		☐ Pumped ☐ Poured

7. *WATER QUALITIES*
Static water level: 14 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: Cool ° Fahrenheit
Water Quality: unknown

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 Parsons Drilling, Inc. *Contractor*
Address P.O. Box 1265 Fallon, NV 89407 *Contractor*

Nevada contractor's license number as issued by the *State Contractor's Board:* 29064
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2285

Signed: *By driller performing actual drilling on site or contractor*
Date: 8/2/2013

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY