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

OFFICE USE ONLY
Log No. 111.120
Permit No. —
Basin 154 pg 1/5

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Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

1. OWNER Barrick Goldstrike
MAILING ADDRESS PO BOX 2760 Elko NV 89803

NOTICE OF INTENT NO. 65863
ADDRESS AT WELL LOCATION Baldwin Mine White Pine
Subdivision Name: County:

2. LOCATION NE ¼ SW ¼ Sec 22 T 24 N S R 57 E
PERMIT/WAIVER No. MO-1627 | PZ-1026
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 624274 ☐ NAD 27
N 4421619 ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☑ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☑ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☑ Rotary ☑ RVC
☑ Air ☐ Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Clay + Rock	G	G	300	300'
Hard Rock Frac. Zones	G	300'	800'	500'
Frac Rock Some Clay	10GPM	800'	820'	20'
Rock + Frac Zones		820'	1300'	480'
Hit 10 GPM @ 800'				
Set 1300' Steel 2 3/8				
with 100' of Screen				
on Bottom Trimmed				
In 60 Bags 1/4 Gravel				
4' Bentonite Seal				
Trimmed In 3/8 Chips				
+ #8 Sand to 200' of				
Surface poured 3/8 Hole				
plug to 80' of Surface				
Set 60' Cement Seal				
NAD-27 GPS				
39.935641 °N				
115.544630 °W				

Date started: 6/7/10, 20 10
Date completed: 6/13/10, 20 10

7. Water Level
Static water level: N/A feet below land surface
Artesian Flow: G G.P.M. G P.S.I.
Water Temperature: G °F
Quality: Poor

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☑ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
10	N/A	2

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9. WELL CONSTRUCTION
Depth Drilled Feet Depth Cased Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6 3/4	Inches	G	Feet	1300'	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2 3/8		Sec 80	G	1300'

Perforations:
Type of perforation Machine
Size of perforation 1/8
From 1200' feet to 1300' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☑ Yes ☐ No
☑ Neat Cement 0 to 50' ☐ Pumped ☑ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☑ Yes ☐ No 1300' to 1198' ☐ Pumped ☑ Poured
Type: 1/4 Sand Trimmed From Bottom to 1198'
Bentonite Chips: ☑ Yes ☐ No 1198' to G ☐ Pumped ☑ Poured
Type: 3/8 pellets + #8 Sand Trimmed In

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Boart Longyear Nevada
Contractor
Address PO Box 2748
Contractor
Elko, NV 89803
Nevada contractor's license number issued by the State Contractor's Board 0073086
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1395
Signed [signature]
By driller performing actual drilling on site or contractor
Date 6/13/10

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

PLO.-F

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ORIGINAL FILE WITH DIVISION OF WATER RESOURCES P2-1026

NOTICE OF INTENT

No. 65863

Today's Date: 5-13-10 Intended Start Date: 5-19-10

Type of Work to be Done: Drilling: ☒ Deepening: ☐ Reconditioning: ☐ Plugging: ☐

Is this a replacement well? Yes ☐ No ☒ If there is an existing well, what is the well log number? N/A

Proposed use of well: MONITOR Diameter of well: 2" inches Number of wells: 1

If this well is a domestic well, is it located within a water purveyor's service area? Yes ☐ No ☒ If yes, what is the DOM waiver: N/A

If this is a monitor well required by another government agency, what is the facility ID number? N/A

If this well is being completed under a waiver, please provide the corresponding waiver number: MO-1627

If a water right is associated with this well, what is the permit number? N/A

Location of the well by Public Land Survey: NE 1/4 SW 1/4 Sec. 22 T 24 ☒S R 57 E

Latitude: _____ UTM E 624274 ☐ NAD 27

Longitude: _____ or UTM N 4421619 ☒ NAD 83/WGS 84

Address at well location: Bald Mtn Mine

Assessor Parcel Number: _____

County: White Pine Subdivision Name: _____

Name of Client: Barrick Gold

Address of Client: Box 2706 Elko NV 89803

Contractor's License Number: 0073086 On-Site Driller's License Number: 1395

Company Name and Address: Boart Longyear NV Box 2748 Elko NV 89803

Need Log Forms ☐ Need Intent Cards ☐

(Rev. 04-07)

Driller's Signature: M. Adams

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Hole #: P2-1026

Contractor / Rig: Bonnt / 166

Date started: 6/7/10

Compressor CFM: 1070

Bit Diameter: 6 3/4

Pipe Diameter: 4 1/2

Date Complete:

Azimuth:

Inclination: 70°

20' Interval	Penetration Rate (start time/end time (& Date) - Note 1	Unloading Pressure PSI High Point	Bit Type T = tricone H=Hammer	Degree of Fracturing 1= none 2= some fracturing 3 = very fractured	Clay Content 1= none 2= some clay 3 = very clayey	Air Lift Flow (gpm)	Air Pressure PSI end of rod	Comments
20								
40								
60	15		T	1	1	0		SHIFT CHANGE PM
80	17							
100	15							
20	15							
40	20							
60	19							
80	20							
200	21							
20	29							
40	18							
60	17							
80	25							
300	22							
20	100							ROCK HOUSE 300 –
40	30			2-3				HARD HARD HARD
60	65			2	1		270	AND FRAC. SHIFT CHANGE AM 6/8/10
80	92			1			280	
400	40			2			280	
20	51			2			280	
40	38			1			280	
60	31			3			300	– Possible H2O contact?
80	36			1			300	Fractured Gravel
500	28			3			300	Shift change PM
20	27	198		3	2		320	
40	31	200					320	STARTED TO LOOSE AIR @ 55'
60	33	210		3			325	HAD CHANGE START PUMPING COMMENCE AT 8:00
80	24	240		2			327	
600	28	260				0	340	DRILL TEST 600' NO WATER

Note 1: Make note of date changes at midnight.

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Hole #: 02-1026
Contractor / Rig: Bucyrus 1166
Date Started: 6/7/10

Compressor Drill: 1167
Bit Diameter: 6 3/4
Pipe Diameter: 6 1/2
Date Completed:
Azimuth:
Inclination: 70°

Depth (m)	Penetration Rate (min/meter) (4 Carry - Note 1)	Threading Pressure (5 = High Pressure)	Drill Noise (1 = silence 4 = Very Loud)	Degree of Fracturing (1 = none 2 = some Fracturing 3 = Very Fractured)	Clay Content (1 = none, 2 = some clay 3 = Very clay rich)	Air Lift Flow (gpm)	Air Pressure Psi (psig or bar)	Comments
6 00	68	200	1	1	1	6	385	
01	42	"	1	1	1	6	382	
02	59	4	4	2	2	6	"	
03	120	"	4	1	1	6	390	Shut Down for blowout line
7 00	60	"	"	1	1	6	390	Tight hole broke handle
01	12	250	4	2	1	50	80	Air blow test air water
02	13	250	4	2	1	6	390	broke back, Sure test
03	20	200	4	2	1	6	390	circulation
04	40	1	1	2		6	390	Shut Change rig
8 00	40	"	1	2		6	Pressure	Lower DP @ 80'
01	20							
02	23							
03	30							
04	32							
9 00	33	150				15	390	Blowpipe
01	34							
02	44							
03	52							
04	54						70	Shut Change Air Hose
10 00	45	300				10	390	Air blow test air water
01	63	160	1	1		10	390	Drain water out shut down
02	60	"	1	1		10	390	drill pipe O 390'
03	62	"				10	390	Lay down rod
04	60	380				100		Tight hole at 90' to
11 00	60	380						water hole [illegible]
01	52	380						
02	30	360				620		
03	58	360				620		
04	32	380				620	Rig Change Change bend	
12 00	37	400				620	Blow test 80 psi	

Note 1: Indicate note on date changes at midnight.

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Compressor CFM: 1070

Hole #: P2-1026

Bit Diameter: 6 3/4 to 120' 6 1/4 ft

Contractor / Rig: Bonn / 166

Pipe Diameter: 4 1/2

Azimuth:

Date started: 6/7/10

Date Complete: 6/11/10

Inclination: 70

20' Interval	Penetration Rate (start time/end time) (& Date) - Note 1	Unloading Pressure PSI High Point	Bit Type T = tricone H=Hammer	Degree of Fracturing 1= none 2= some fracturing 3 = very fractured	Clay Content 1= none 2 = some clay 3 = very clayey	Air Lift Flow (gpm)	Air Pressure PSI end of rod	Comments
12 20	48	400	H	1	1		600	Rock Change Hard
40	52	360						
60	40	360						SHIFT Change AM 6/11/10
80	51	360				10	600	
13 00	45	360				10	600	Did Air lift 10 gpm. let
20								recharge for 1/2 hour. Still
40								10 gpm. Rock white, to
60								brown. Hard for last 40'
80								
00								
20								
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