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

OFFICE USE ONLY
Log No. 107099
Permit No.
Basin 054

PRINT OR TYPE 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. 61412

1. OWNER Barrick/Cortez Gold Mines
MAILING ADDRESS HC66 box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Hills
Hole # CHPZ-89
Subdivision Name: County: Lander

2. LOCATION SW ¼ SE ¼ Sec 31 T 27N N/S R 48 E
PERMIT/WAIVER No. M/O-1494A
Issued by Water Resources Parcel No.

Latitude 40.166699
Longitude 116.602854
UTM E 533742.647 [x] NAD 27
N 4445659.81 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[x] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [x] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [ ] Rotary [x] RVC
[ ] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvium, Gravel, Boulders		0	120	120
Gravel		120	200	80
Redish Brown Rock & Clays		200	340	140
Gray Rock w/Redish Tint		340	690	350
Black Rock		690	710	20
Greenish - Gray Rock		710	1120	410
Dark Gray Redish Rock w/Brown		1120	1180	60
Black/Gray Rock Bits of White		1180	1690	510
hard White Rock		1690	1770	80
Hard Broken Brown/Black Rock		1770	1790	20
Hard Whtie Rock w/ Brown & Black		1790	2000	210
1st noticed Water @ 680'				
2 gpm water @ 860'				
13 gpm water @ 1000'				
21 gpm water @ 1200'				
70 gpm water @ 1300'				
94 gpm water @ 1500'				
100 gpm water @ 2000'				
Installed 1 transducer @ 1520'				
in 5' of gravel pac. Gravel from				
1518' ti 1523'. Bentonite grout				
above and below transducer.				

Date started: 3-Sep , 20 08
Date completed: 16-Sep , 20 08

9. WELL CONSTRUCTION
Depth Drilled 2000 Feet Depth Cased 2000 Feet

HOLE DIAMETER (BIT SIZE)

12 1/4		0	From	40	To
6 3/4	inches	40	Feet	1310	Feet
6 1/2	Inches	1310	Feet	1760	Feet
6 1/4	Inches	1760	Feet	2000	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8		.188	0	40
2		Sch 80 PVC	0	2000

Perforations:
Type of perforation Slotted
Size of perforation 0.02

From	0	Blank	feet to	1720	feet
From	1720	Slotted	feet to	2000	feet
From			feet to		feet
From			feet to		feet
From			feet to		feet

Annular Seal: [x] Yes [ ] No

[x] Neat Cement	0 to 50	[x] Pumped	[ ] Poured
[ ] Cement Grout	to	[ ] Pumped	[ ] Poured
[ ] Concrete Grout	to	[ ] Pumped	[ ] Poured
[x] ≥30% Bentonite Grout	500 to 1718	[x] Pumped	[ ] Poured

Gravel Pack: [x] Yes [ ] No 1718 to 2000 [ ] Pumped [x] Poured
Type: #8 Well Gravel
Bentonite Chips: [x] Yes [ ] No 50 to 500 [ ] Pumped [x] Poured
Type: 3/8" Bentonite Hole Plug

7. Water Level
Static water level: 617 feet below land surface
Artesian Flow: No G.P.M. N/A P.S.I.
Water Temperature: Cool °F
Quality: Good

8. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [ ] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
100 gpm water while drilling @ 2000'.			

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Eklund Drilling Company, Inc. (Contractor)
Address PO Box 2748 (Contractor)
Elko, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 0030823
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* M-2298
Signed August Wildeman (By driller performing actual drilling on site or contractor)
Date 9/25/2008

(Rev. 05-06)
USE ADDITIONAL SHEETS IF NECESSARY

*See Plugging Log # 110174