PLUGGED BY
NOT #65089

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

OFFICE USE ONLY
Log No. 106554
Permit No.
Basin 054 pg1

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

NOTICE OF INTENT NO. 61357

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

ADDRESS AT WELL LOCATION Cortez Hills
Hole #CHPZ-87
Subdivision Name: County: Lander

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

Latitude 40.163698
Longitude 116.603419
UTM E 533771.997 [x] NAD 27
N 4445790.22 [ ] 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		0	20	20
Rusty Gray rock		20	370	350
Gray and Black Rock		370	390	20
Tan Clay		390	420	30
Rusty Tan and Gray Rock		420	530	110
Tan Clay		530	540	10
Rusty Tan rock		540	590	50
Tan clay		590	600	10
Rusty Gray Rock		600	630	30
Tan Clay		630	640	10
Rusty Tan Rock		640	690	50
Rusty Tan Clay		690	720	30
Gray Rock	yes	720	1360	640
Tan Clay		1360	1380	20
Gray Rock		1380	1400	20
Rusty Clay		1400	1410	10
Gray Rock	yes	1410	1560	150
Black and Gray Rock		1560	1810	250
Rusty White Rock		1810	1920	110
Rusty Black Rock		1920	1940	20
Rusty White Rock		1940	2000	60

*See Plugging Log# 110175

Date started: 19-May, 20 08
Date completed: 3-Jun, 20 08

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

HOLE DIAMETER (BIT SIZE)

		From		To	
14 7/8	Inches	0	Feet	20	Feet
7	Inches	20	Feet	1080	Feet
6 3/4	Inches	1080	Feet	2000	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10 3/4		.188	0	20
2 3/8		Sch 80 PVC	0	1840

Perforations:
Type of perforation Slotted
Size of perforation 0.02
From 1840 feet to 2000 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [x] Yes [ ] No
[x] Neat Cement 0 to 60 [x] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured
Gravel Pack: [x] Yes [ ] No to [x] Pumped [ ] Poured
Type:
Bentonite Chips: [ ] Yes [x] No to [ ] Pumped [ ] Poured
Type:

7. Water Level
Static water level: 523 feet below land surface
Artesian Flow: No G.P.M. N/A P.S.I.
Water Temperature: Cold °F
Quality: Clear

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
760	10		1/2 Hr.
1080	26		1/2 Hr.
1200	38		1/2 Hr.
1240	75		1/2 Hr.
1320	125		1/2 Hr.
1540	150		1/2 Hr.
2000	143		1/2 Hr.

STATE ENGINEERS OFFICE
2008 JUN 25 AM 11:49
RECEIVED

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* 1957
Signed Larry Dailey By (MH)
By driller performing actual drilling on site of contractor
Date 6/7/2008

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

STATE OF NEVADA
DIVISION OF WATER RESOURCES
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Subdivision Name: County: Lander

2. LOCATION ¼ ¼ Sec T N/S R E
PERMIT/WAIVER No. Issued by Water Resources
Parcel No.
Latitude
Longitude
UTM E
N
☐ NAD 27
☐ 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
Page 2 of 2				
Cement		0	60	60
Abandonite		60	420	360
Ben Sand Grout		420	1227	807
1/4" Gravel		1227	1232	5
Ben Sand Grout		1232	1517	285
1/4" Gravel		1517	1522	5
Ben Sand Grout		1522	1838	316
1/4" Gravel		1838	2000	162
Transducer set @ 1230'				
Transducer set @ 1520'				
Gravel Pack @ 1227' - 1232'				
1517' - 1522'				
1838' - 2000'				

Date started: , 20
Date completed: , 20

9. WELL CONSTRUCTION
Depth Drilled Feet Depth Cased Feet

HOLE DIAMETER (BIT SIZE)

	From	To
Inches	Feet	Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:
Type of perforation
Size of perforation
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☐ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:
Bentonite Chips: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:

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

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

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

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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* 1957
Signed (By driller performing actual drilling on site or contractor)
Date 06/0708

(Rev. 05-06)

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