

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

OFFICE USE ONLY  
Log No. 116688  
Permit No. \_\_\_\_\_  
Basin Q54

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. 61363

1. OWNER Barrick/Cortez Gold Mine ADDRESS AT WELL LOCATION Cortez Hills  
MAILING ADDRESS HC66 Box 1250 Hole #CHPZ-101  
Crescent Valley, NV 89821 Subdivision Name: \_\_\_\_\_ County: Lander

2. LOCATION SE 1/4 SE 1/4 Sec 31 T 27N N/S R 48 E Latitude 40.160968 #1077 UTM E 534274.4333  NAD 27  
PERMIT/WAIVER No. M/O-1499 Longitude 116.597535 N 4445492.801  NAD 83/WGS 84  
Issued by Water Resources Parcel No. \_\_\_\_\_

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	Thick-ness
Alluvium		0	15	15
Gray Rock		15	520	505
Gray and Brown rock		520	840	320
Black rock	Yes	840	1090	250
White Rock		1090	1280	190
Green Rock		1280	1360	80
Brown Rock		1360	1370	10
Gray and White Rock	Yes	1370	1700	330
Black and White Rock		1700	1800	100
Gray and White Rock	Yes	1800	2000	200
2" Sch 80 PVC Blank		0	1900	1900
2" Sch 80 PVC Screen		1900	2000	100
Transducer set @ 1260'				
Neat cement		0	60	60
3/8" hole plug		60	860	800
Bensand Grout		860	1257	397
1/4" Gravel		1257	1262	5
Bensand Grout		1262	1898	636
1/4" Gravel		1898	2000	102

9. WELL CONSTRUCTION  
Depth Drilled 2000 Feet Depth Cased 2000 Feet  
HOLE DIAMETER (BIT SIZE)  
From To  
14 Inches 0 Feet 40 Feet  
7 Inches 40 Feet 1200 Feet  
6 3/4 Inches 1200 Feet 2000 Feet

CASING SCHEDULE  
Size O.D. (Inches) Weight/Ft. (Pounds) Wall Thickness (Inches) From (Feet) To (Feet)  
2 3/8 Sch 80 PVC 0 1900  
10 3/4 .188 Wall 0 40

Perforations:  
Type of perforation Slotted  
Size of perforation 0.02  
From 1900 feet to 2000 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No  
 Neat Cement 0 to 60  Pumped  Poured  
 Cement Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured

Gravel Pack:  Yes  No 1888 to 2000  Pumped  Poured  
Type: 1/4 1257' - 1262'

Bentonite Chips:  Yes  No 60 to 860  Pumped  Poured  
Type: 3/8" hole plug

Date started: 16-Jun, 20 08  
Date completed: 29-Jun, 20 08

7. Water Level  
Static water level: 975 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  Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>980</u>	<u>4</u>		<u>1/2 Hour</u>
<u>1640</u>	<u>60</u>		<u>1/2 Hour</u>
<u>1900</u>	<u>88</u>		<u>1/2 Hour</u>
<u>2000</u>			<u>1/2 Hour</u>

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 [Signature]  
Date 7/7/2008  
By driller performing actual drilling on site or contractor