

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

OFFICE USE ONLY

Log No. 106453
Permit No. _____
Basin 954

See Plugging Log 109059
PRINT OR TYPE ONLY
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. 61321

1. OWNER Barrick/Cortez Gold Mines ADDRESS AT WELL LOCATION Cortez Hills
MAILING ADDRESS HC66 Box 1250 Hole #CHPZ-68
Crescent Valley, NV 89821 Subdivision Name: _____ County: Lander

2. LOCATION NE 1/4 NE 1/4 Sec 6 T 26N N/S R 48 E Latitude 40.158963 UTM E 534143.517 NAD 27
PERMIT/WAIVER No. M/O-1486 Longitude 116.599084 N 4445267.505 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	Thickness
Alluvium		0	20	20
Rusty Gray and Black Rock		20	430	410
Black Rock		430	550	120
Rusty Tan and Gray Rock	Yes	550	790	240
Black Rock		790	910	120
Green and White Clay		910	920	10
Black Rock		920	990	70
Rusty Gray Rock	Yes	990	1080	90
Gray and Black Rock w/Green		1080	1310	230
Tan, Gray and White Rock	Yes	1310	1460	150
Black, red, and tan rock	Yes	1460	1640	180
Rusty White Rock		1640	1700	60
Well Construction:				
Neat Cement		0	60	60
3/8" Hole Plug		60	673	613
Bensand Grout		673	878	205
1/4" Gravel		878	883	5
Bensand Grout		883	1497	614
1/4" Gravel		1497	1502	5
Bensand Grout		1502	1678	176
1/4" Gravel		1678	1700	22
Transducer Set @ 880'				
Transducer Set @ 1500'				
2" Sch 80 Blank 0-1680'				
2" Sch 80 Slotted 1680-1700'				

9. WELL CONSTRUCTION

Depth Drilled 1700 Feet Depth Cased 1700 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
<u>14 7/8</u> Inches	<u>0</u> Feet	<u>20</u> Feet
<u>7</u> Inches	<u>20</u> Feet	<u>1340</u> Feet
<u>6 3/4</u> Inches	<u>1340</u> Feet	<u>1700</u> Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2 3/8</u>		<u>Sch 80</u>	<u>0</u>	<u>1680</u>
<u>10 3/4</u>		<u>.188</u>	<u>0</u>	<u>20</u>

Perforations:

Type of perforation Slotted
Size of perforation 0.02

From 1680 feet to 1700 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 _____ to _____ Pumped Poured
Type: _____

Bentonite Chips: Yes No 673 to 60 Pumped Poured
Type: 3/8" Hole Plug

7. Water Level
Static water level: 762 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>720</u>	<u>3</u>		<u>1/2 Hour</u>
<u>760</u>	<u>12</u>		<u>1/2 Hour</u>
<u>1000</u>	<u>19</u>		<u>1/2 Hour</u>
<u>1360</u>	<u>38</u>		<u>1/2 Hour</u>
<u>1520</u>	<u>63</u>		<u>1/2 Hour</u>
<u>1620</u>	<u>80</u>		<u>1/2 Hour</u>
<u>1800</u>	<u>80</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 Daily By driller performing actual drilling on site for contractor
Date 5/18/2008