

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

OFFICE USE ONLY 109426

Log No. _____
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. 61085

1. OWNER Barrick/Cortez Gold Mines ADDRESS AT WELL LOCATION Cortez Hills Mine
MAILING ADDRESS HC66 Box 1250 Hole #DW-13
Crescent Valley, NV 89821 Subdivision Name: _____ County: Lander

2. LOCATION NW 1/4 SE 1/4 Sec 31 T 27N N/S R 48 E Latitude 40.163660°N UTM E 533779.992 NAD 27
PERMIT/WAIVER No. 77179 Longitude 116.603325°W N 4445787.234 NAD 83/WGS 84
Parcel No. _____

3. WORKED PERFORMED
 New Well Replace Recondition
 Deepen Other

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

5. WELL TYPE
 Cable Rotary RVC
 Air Other Mud

LITHOLOGIC LOG				
Material	Water Strata	From	To	Thick-ness
Fill		0	10	10
Black Grey & Pink Rock		10	210	200
Broken Black 7 Grey Rock		210	280	70
Black Grey & Pink Rock	x	280	510	230
Red Clay with Red Rock		510	550	40
Brown Clay with little rock		550	600	50
Brown & White Rock		600	610	10
Brown Clay with little rock		610	700	90
Broken Black Rock		700	750	50
Broken Grey Rock	x	750	800	50
White & Grey Rock		800	850	50
Grey & Black with Brown Clay		850	980	130
Black & Grey Rock		980	1040	60
Greyish rock with Green Clay		1040	1070	30
Black Grey with Pink Rock		1070	1270	200
Brown Clay with Black Rock		1270	1290	20
Fractured Black & Grey	x	1290	1320	30
Black & Grey Rock		1320	1330	10
Black & Grey with Brown Clay		1330	1340	10
Fractured Black & Grey	x	1340	1360	20
Black Grey with Pink Rock		1360	1430	70
Black Grey Rock w/Brown Clay		1430	1470	40
Fractured Black Rock	x	1470	1500	30
Broken Black, Grey & Pink	x	1500	1810	310
White & light Brown		1810	1860	50

WELL CONSTRUCTION					
Depth Drilled	1860	Feet	Depth Cased	1860	Feet
HOLE DIAMETER (BIT SIZE)					
	From	To			
24	Inches	0	Feet	104	Feet
17 1/2	Inches	104	Feet	1860	Feet
	Inches		Feet		Feet

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20	78.5	.375	0	104
10	38.5	.375	0	1860

Perforations:
Type of perforation Louvered
Size of perforation 0.25
From 0 - Blank feet to 1200 feet
From 1200 Louvered feet to 1860 feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Annular Seal: Yes No
 Neat Cement 0 to 104 Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout _____ to _____ Pumped Poured
Gravel Pack: Yes No 0 to 1860 Pumped Poured
Type: _____
Bentonite Chips: Yes No _____ to _____ Pumped Poured
Type: _____

Date started: 9-Mar, 2009
Date completed: 15-Apr, 2009

7. Water Level
Static water level: 480 feet below land surface
Artesian Flow: No G.P.M. N/A P.S.I.
Water Temperature: Cold °F
Quality: Good

8. WELL TEST DATA			
TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
Through Drill	235		24 Hours
Pipe	<u>77100</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 2368
Signed William Templeton
By driller performing actual drilling on site of contractor
Date 5/13/2009

40.163660°N
116.603325°W
NAD 27

USE ADDITIONAL SHEETS IF NECESSARY

(Rev 05-06)