

Plugged by well Log  
# 11126

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

OFFICE USE ONLY  
Log No. 106645  
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. 61365

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

ADDRESS AT WELL LOCATION CHPZ-103  
Cortez Hills  
Subdivision Name: \_\_\_\_\_ County: Lander

2. LOCATION NE 1/4 NE 1/4 Sec 31 T 27N N/S R 48 E  
PERMIT/WAIVER No. M/O-1499  
Parcel No. \_\_\_\_\_

Latitude 40.165339 UTM E 534317  NAD 83  
Longitude 116.597009 N 4445976  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	Thick-ness
Hard Gray Rock w/White & Brown		0	320	320
Greenish Gray Rock some white Clay		320	410	90
Hard Gray Rock w/White & Brown		410	440	30
Hard White & Gray Rock		440	550	110
Gray/White Rock w/brown Specs		550	840	290
Black Rock		840	850	10
Hard Gray Rock w/Bits of Black and White		850	1700	850
1st Noticed water @ 800'				
12 GPM water @ 1000'				
22 GPM water @ 1100'				
38 GPM water @ 1200'				
44 GPM water @ 1300'				
68 GPM water @ 1500'				
80 GPM water @ 1700'				
Note: Installed one transducer in 5' of gravel pack @ 1400'				
Gravel from 1397' to 1402'				
Benseal grout above & below Transducer				
Date started:	<u>19-Aug</u>	<u>20</u>	<u>08</u>	
Date completed:	<u>2-Sep</u>	<u>20</u>	<u>08</u>	

9. WELL CONSTRUCTION				
Depth Drilled	1700	Feet	Depth Cased	1700
HOLE DIAMETER (BIT SIZE)				
12 1/4	From 0	To 40		
6 3/4	Inches 40	Feet 1070	Feet	
6 1/2	Inches 1070	Feet 1600	Feet	
6 1/4	Inches 1600	Feet 1700	Feet	
CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8		.188	0	40
2		Schedule 80 PVC	0	1700
Perforations:				
Type of perforation	Slotted			
Size of perforation	0.02			
From Blank PVC 0	feet to	1500	feet	
From Slotted PVC 1500	feet to	1700	feet	
From	feet to		feet	
From	feet to		feet	
From	feet to		feet	
Annular Seal: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
<input checked="" type="checkbox"/> Neat Cement	0	to 53	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout		to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout		to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> ≥30% Bentonite Grout	630	to 1498	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
Gravel Pack:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1498	to 1700	<input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured
Type:	#8 Well Gravel			
Bentonite Chips:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	53	to 630	<input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured
Type:	3/8" Bentonite hole plug			

7. Water Level			
Static water level:	<u>750</u>	feet below land surface	
Artesian Flow:	<u>No</u>	G.P.M. <u>N/A</u>	P.S.I.
Water Temperature:	<u>Cold</u>	°F	
Quality:	<u>Good</u>		
8. WELL TEST DATA			
TEST METHOD	<input type="checkbox"/> Baller <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift		
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>N/A 80 GPM</u>			
<u>water while</u>			
<u>drilling @ 1700'</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 M-2298  
Signed August Wildemar  
By driller performing actual drilling on site or contractor  
Date 9/3/2008