

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

OFFICE USE ONLY **108240**

Log No. _____
Permit No. _____
Basin **034** **pg 1**

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. 61395

1. OWNER Barrick/Cortez Gold Mine ADDRESS AT WELL LOCATION Cortez Hills
MAILING ADDRESS HC66 Box 1250 Hole # CHPZ-91A
Crescent Valley, NV 89821 Subdivision Name: _____ County: Lander

2. LOCATION NW 1/4 NE 1/4 Sec 6 T 26N N/S R 48 E Latitude 40.156137 UTM E: NAD 27
PERMIT/WAIVER No. M/O-1494A Longitude 116.605252 N 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
Broken Gravel, Alluvium		0	310	310
Black Rock w/Some Gray		310	870	560
Gray Rock w/Bits of Brown		870	980	110
Black Rock Hard		980	1100	120
Gray Rock Hard/Little Clay		1100	1370	270
Black Rock		1370	1730	360
Gray Rock		1730	1820	90
Black Rock Soft		1820	1860	40
Gray Rock w/Some White		1860	2040	180
1st noticed water @460'				
4 gpm water @ 560'				
29 gpm water @ 700'				
50 gpm water @ 800'				
86 gpm water @1000'				
120 gpm water @ 1460'				
150 gpm water @ 1760'				
167 gpm water @ 2040'				
NOTE: set 2 transducers				
transducer #1 set @ 860' in				
5' of #8 gravel. Gravel pack from				
857' to 862'.				
Transducer #2 set @ 1500' in				
5' of #8 gravel. Gravel pack from				
1498' to 1503'.				

9. WELL CONSTRUCTION				
Depth Drilled	2040	Feet	Depth Cased	2040
HOLE DIAMETER (BIT SIZE)				
12 1/4	0	From	40	40 To
6 3/4	Inches		780	Feet
6 1/2	Inches		1600	Feet
6 1/4	Inches		2040	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	2040
Perforations:				
Type of perforation	Slotted			
Size of perforation	0.02			
From	Blank PVC	0	feet to	1780
From	Slotted PVC	1780	feet to	2040
From			feet to	
From			feet to	
From			feet to	
Annular Seal: <input 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	340	to	1778	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
Gravel Pack:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1778	to	2040 <input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured
Type:	#8 Gravel			
Bentonite Chips:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	53	to	340 <input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured
Type:	3/8" Bentonite Hole Plug			

Date started: 6/25, 20 08
Date completed: 7/11, 20 08

7. Water Level
Static water level: 435 feet below land surface
Artesian Flow: No G.P.M. N/A P.S.I.
Water Temperature: Cool °F
Quality: Good

8. WELL TEST DATA			
TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
N/A			
167 GPM			
water while drilling @ 2040'			

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 0030823
issued by the State Contractor's Board
Nevada driller's license number issued by the M-2298
Division of Water Resources, the on-site driller
Signed Robert Wildemar by (Signature)
Date 7/12/2008

