

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

OFFICE USE ONLY  
Log No. 103190  
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. 58628

1. OWNER Barrick/Cortez ADDRESS AT WELL LOCATION Cortez Hills CHPZ-42  
MAILING ADDRESS HC66 Box 1259  
Crescent Valley, NV 89821 Subdivision Name: \_\_\_\_\_ County: Lander

2. LOCATION 36 1/4 SE 1/4 Sec 6 T 26 S R 48 E Latitude UTM E 533429.226  NAD 27  
PERMIT/WAIVER No. M/D-1441 Longitude N 4443925.495  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
Gravel/Clay	0	0	700	700
Hit Water	2gpm		680	20
Water	34gpm		840	
Making 50 GPM water			900	
Volcanic rock/Clay slightly fractured		700	960	260
<u>N40.146901</u>				
<u>W 116.607541 N4027</u>				
Graveled screen 1/4" from 570' - 610'				
Bentonite grout from 570'-560'				
abandonite from 560' to surface used some chips.				

9. WELL CONSTRUCTION

Depth Drilled 960 Feet Depth Cased 960 Feet

HOLE DIAMETER (BIT SIZE)

	From	To		
<u>12 1/4</u> Inches	0	40	Feet	Feet
<u>6 3/4</u> Inches	40	960	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8		.188	0	40
2 1/2	sch 80	schedule 80	0	960

Perforations: PC 6-18-08 per driller 7-2-08

Type of perforation slotted  
Size of perforation .020

From perf. Slotted screen 820 feet to 960 feet  
From blank 600-820 feet to 820-0 feet  
From 20 ft perf. 580 feet to 600 feet  
From blank surface feet to 580 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 610 to 800  Pumped  Poured

Gravel Pack:  Yes  No 800 to 960  Pumped  Poured  
Type: 1/4" gravel

Bentonite Chips:  Yes  No 60 to 610  Pumped  Poured  
Type: 3/8" hole plug

7. Water Level  
Static water level: 420' feet below land surface  
Artesian Flow: n/a G.P.M. \_\_\_\_\_ P.S.I. \_\_\_\_\_  
Water Temperature: cool °F  
Quality: good

8. WELL TEST DATA

TEST METHOD:  Bailor  Pump  Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>n/a</u>			
<u>50 gpm while drilling</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 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 Wildenra By driller performing actual drilling on site or contractor  
Date 4/6/2007