

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

OFFICE USE ONLY

Log No. 104775  
Permit No. \_\_\_\_\_  
Basin Ø54

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. 61248

1. OWNER Barrick/Cortez ADDRESS AT WELL LOCATION Cortez Hills  
MAILING ADDRESS HC 66 Box 1250 Hole #CHPZ-51  
Crescent Valley, NV 89821 Subdivision Name: \_\_\_\_\_ County: Lander

2. LOCATION NW ¼ SW ¼ Sec 31 T 27N N/S R 48 E Latitude 40.165769 UTM E 532772.632  NAD 27  
PERMIT/WAIVER No. M/O-1448 Longitude 116.615143 N 4446016.836  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  Stock  
 Municipal/Industrial  Monitor

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other

6. LITHOLOGIC LOG				
Material	Water Strata	From	To	Thick-ness
Overburden		0	70	70
Blk limestone		70	160	90
Brn limestone w/clay		160	210	50
Blk limestone		210	350	140
Blk grey limestone		350	470	120
Blk limestone w/clay		470	490	20
Clay		490	500	10
Blk grey limestone	x	500	1080	580
Grey limestone		1080	1280	200
Grey blk limestone		1280	1330	50
Brown grey limestone	x	1330	1360	30
Grey limestone		1360	1400	40
Grey blk limestone		1400	1590	190
Black limestone		1590	1790	200
Grey clay dike		1790	1850	60
Black limestone		1850	1940	90
Green clay dike		1940	1970	30
Blk limestone w/clay		1970	2020	50
Clay dike		2020	2060	40
Blk grey limestone	x	2060	2070	10
Clay dike		2070	2140	70
Grey limestone	x	2140	2300	160

9. WELL CONSTRUCTION  
Depth Drilled 2300 Feet Depth Cased 2300 Feet

HOLE DIAMETER (BIT SIZE)

	From	To		
<u>17 1/2</u> Inches	<u>0</u> Feet	<u>40</u> Feet		
<u>10</u> Inches	<u>40</u> Feet	<u>1300</u> Feet		
<u>9 7/8</u> Inches	<u>1300</u> Feet	<u>2300</u> Feet		

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>10</u>	<u>34.24</u>	<u>.307</u>	<u>0</u>	<u>40</u>
<u>4</u>	<u>11.6</u>	<u>.250</u>	<u>0</u>	<u>2300</u>

Perforations:

Type of perforation Slotted  
Size of perforation 0.08

From	feet to	feet
<u>2140</u>	<u>2300</u>	<u>feet</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Annular Seal:  Yes  No

<input checked="" type="checkbox"/> Neat Cement	<u>0</u> to <u>57</u>	<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 type="checkbox"/> ≥30% Bentonite Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Gravel Pack:  Yes  No 2139 to 2300  Pumped  Poured  
Type: 1/4"

Bentonite Chips:  Yes  No 57 to 2139  Pumped  Poured  
Type: ez seal #8 3/8" hole plug - abandonite

7. Water Level  
Static water level: 1350 feet below land surface  
Artesian Flow: No G.P.M. N/A P.S.I.  
Water Temperature: 117 °F  
Quality: Good

8. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
airlift through	<u>75</u>		
drill pipe			

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 2318

Signed John M. O'Brien  
By driller performing actual drilling on site or contractor

Date 11/4/2007

USE ADDITIONAL SHEETS IF NECESSARY