

CHPZ-22A

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

OFFICE USE ONLY

Log No. 1047101  
Permit No.  
Basin 257

Finalized

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. 58640

1. OWNER Barrick / Cortez  
MAILING ADDRESS HC 166 Box 1250  
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Hills  
Subdivision Name: County: Lander

2. LOCATION SE 1/4 NE 1/4 Sec 31 T 27 N R 48 E  
PERMIT/WAIVER No. W/D-1420  
Issued by Water Resources Parcel No.

Latitude 40.168547 UTM E 533986.122 NAD 27  
Longitude 116.600869 N 4440330.541 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
<u>Overburden</u>	<u>-</u>	<u>0</u>	<u>100</u>	<u>100</u>
<u>Gray Rock</u>		<u>100</u>	<u>1680</u>	<u>1580</u>
<u>PLUGGED BY MPT</u>				
<u>* 62693</u>				
<u>Lt. gray clay</u>		<u>1680</u>	<u>1740</u>	<u>60'</u>
<u>Lt gray, blk specs</u>		<u>1740</u>	<u>1800</u>	<u>60'</u>

9. WELL CONSTRUCTION				
Depth Drilled	Feet	Depth Cased	Feet	
<u>1800</u>		<u>1800</u>		
HOLE DIAMETER (BIT SIZE)				
	From		To	
<u>14"</u>	Inches	<u>0</u>	Feet	<u>20'</u>
<u>6 1/2"</u>	Inches	<u>20</u>	Feet	<u>1800</u>
	Inches		Feet	
CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>10"</u>			<u>0</u>	<u>20</u>
<u>2"</u>		<u>SCH 40</u>	<u>+1</u>	<u>1800</u>
Perforations:				
Type of perforation	<u>horizontal</u>			
Size of perforation	<u>0.20</u>			
From	<u>1800'</u>	feet to	<u>1760'</u>	feet
From		feet to		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	<u>0</u> to <u>160'</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: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>1800</u> to <u>1758'</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured	
Type:	<u>1/4" wash gravel, Ben sand 1758'-160'</u>			
Bentonite Chips: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>160'</u> to <u>160'</u>	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured	
Type:	<u>3/8" coarse chips</u>			

7. Water Level  
Static water level: 800 feet below land surface  
Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water Temperature: cold °F  
Quality: good

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 Co  
Address 605 Union Pacific Way  
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 2262  
Division of Water Resources, the on-site driller  
Signed Frank [Signature]  
Date 02/22/07

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			
	<u>90</u>	<u>-</u>	<u>2 1/2</u>

USE ADDITIONAL SHEETS IF NECESSARY

PLD-E