

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

1083  
 OFFICE USE ONLY  
 Log No. 113635  
 Permit No. 054  
 Basin

PRINT OR TYPE ONLY

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 66939

1. OWNER **Barrick Cortez Gold** ADDRESS AT WELL LOCATION **ODC-073**  
 MAILING ADDRESS **HC-66 Box 1250 CV, NV 89812** **Cortez Hills**

2. LOCATION **NW¼NE¼ Sec31T27N/ R48E** **Subdivision Name:** **County: Lander**  
 Latitude **4,446,660.139** UTM E  **NAD 27**  
 PERMIT/WAIVER NO. **M/O 1691** **N/A** Longitude **533,904.775** N  **NAD 83/WGS 84**  
*Issued by Water Resources* Parcel No.

3. WORK 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
<b>ODC-073</b>				
<b>Corehole turned into Piezo Well. Clean hole to bottom with PQ core rod, install transducer @ 1250' &amp; 705' on 1" pvc pipe pump some fresh water add 1/4" gravel &amp; Ben seal #8 mixture through PQrod @640'something hooked the 1" PVCpipe &amp; pulled it apart it slowly started down well tried fishing top of pvc but couldn't hook pipe, build a grapple looking tool lowered it down well to try &amp; hook bottom of dangling pvc Hooked right into something pulled it out of hole slowly ended up with 140' red conductor 2<sup>nd</sup> trip brought out 80' of yellow conductor. Hole compromised pull out PQ mix &amp; pump 640 gal of abantonite &amp; pump from 640' to surface, pump 4 bags of EZ Seal @ 300' cement from 300 to 250' with neat cement from 50' to surface. Hole was not utilize.</b>				

9. WELL CONSTRUCTION

Depth Drilled \_\_\_\_\_ Feet Depth Cased \_\_\_\_\_ Feet

HOLE DIAMETER (BIT SIZE)

From		To	
_____ Inches	_____ Feet	_____ Feet	_____ Feet
_____ Inches	_____ Feet	_____ Feet	_____ Feet
_____ Inches	_____ Feet	_____ Feet	_____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:

Type of perforation \_\_\_\_\_  
 Size of perforation \_\_\_\_\_

From _____	feet to _____	feet
From _____	feet to _____	feet
From _____	feet to _____	feet
From _____	feet to _____	feet
From _____	feet to _____	feet

Annular Seal:  Yes  No

<input type="checkbox"/> Neat Cement	_____ to _____	<input 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 type="checkbox"/> Yes <input type="checkbox"/> No	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Type: \_\_\_\_\_

*40.171520° N*  
*116.601814° W*  
*N 20 27 (T)*

Bentonite Chips:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Type: \_\_\_\_\_

Date started: **March 26, 20 11**  
 Date completed: **March 28, 20 11**

7. Water Level  
 Static water level: \_\_\_\_\_ feet below land surface  
 Artesian Flow: **N/A G.P.M.** **N/A P.S.F.**  
 Water Temperature: **N/A**  
 Quality: **N/A**

8. WELL TEST DATA  
 TEST METHOD:  Bailer  Pump  Air Lift

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name **Fred Anderson Drilling, Inc.**  
 (CONTRACTOR)  
 Address **10760 S. Grass Valley Road**  
 (CONTRACTOR)  
**Winnemucca, NV 89445**

2 of 3 #113635

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

Nevada contractor's license number issued by the *State Contractor's Board* **021467**

Nevada driller's license number issued by the Division of Water Resources, the on-site driller **1375**

Signed *Fred Anderson Drilling Inc*  
By driller performing actual drilling on site or contractor

Date **April 11, 2011**

STATE ENGINEERS OFFICE

2011 APR 13 AM 11:30

RECEIVED

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

3 of 5

OFFICE USE ONLY  
Log No. 113635  
Permit No. 454  
Basin         

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NOTICE OF INTENT NO. **66939**

1. OWNER **Barrick Cortez Gold** ADDRESS AT WELL LOCATION **ODC-073**  
MAILING ADDRESS **HC 66 Box 1250 CV, NV 89821** **Cortez Hills**

Subdivision Name: \_\_\_\_\_ County: **Lander**

2. LOCATION **NW¼NE¼ Sec31T27N/ R48E** Latitude **4,446,660.139** UTM E  NAD 27

PERMIT/WAIVER NO. **M/O 1691** Parcel No. **N/A** Longitude **533,904.775** N  NAD 83/WGS 84

Issued by Water Resources

3. TYPE OF WELL  
 Domestic  Irrigation  Test  Municipal/Industrial  Monitor  Stock  
Is this well being plugged because a replacement well was drilled?  Yes  No  
If yes, what is replacement well NOI? \_\_\_\_\_  
Is there an existing well log?  Yes  No  
If yes, what is NDWR well log #? \_\_\_\_\_

4. EXISTING WELL CONSTRUCTION

Depth Drilled **1260** Feet Depth Cased **1260** Feet

EXISTING CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
1		Sch 80	surface	1260

Existing Perforations:  
Type of perforation \_\_\_\_\_  
Size of perforation \_\_\_\_\_  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

5. WATER LEVEL

Static water level: **None** feet below land surface

Artesian flow: **N/A** G.P.M. **N/A** P.S.I.

Water Temperature: **N/A** °F Quality **N/A**

6. Additional Notes or Comments

7. WELL PLUGGING PROCEDURE

Was well cleaned out to total depth?  Yes  No

If well was not cleaned out to total depth, please explain why: \_\_\_\_\_

Was the well contaminated?  Yes  No

Was the casing pulled?  Yes  No

Was the casing over drilled?  Yes  No

If casing was left in place, please show where additional perforations were made:

Additional Perforations: \_\_\_\_\_

Type of perforator used: **open hole pulled PQ rod**

From	feet to	feet	Number of perfs per linear foot
From	feet to	feet	Number of perfs per linear foot
From	feet to	feet	Number of perfs per linear foot
From	feet to	feet	Number of perfs per linear foot
From	feet to	feet	Number of perfs per linear foot
From	feet to	feet	Number of perfs per linear foot
From	feet to	feet	Number of perfs per linear foot

8. WELL PLUGGING MATERIALS

Material Used

From	feet to	feet	Material	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured	
From	1260	feet to	640	feet	<b>Benseal</b>	<input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured
From	640	feet to	300	feet	<b>340 ABA</b>	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
From	300	feet to	250	feet	<b>50' cement</b>	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
From	250	feet to	50	feet	<b>200 ABA</b>	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
From	50	feet to	0	feet	<b>50 cement</b>	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
From		feet to		feet		<input type="checkbox"/> Pumped <input type="checkbox"/> Poured

Neat Cement Fluid Weight **15** lbs/gal

Bentonite Grout **12 abantonite** % bentonite

Date Started **March 26, 2011**

Date Completed **March 28, 2011**

9. DRILLER'S CERTIFICATION

This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

Name **Fred Anderson Drilling, Inc.**

(CONTRACTOR)

Address **10760 S. Grass Valley Road**

(CONTRACTOR)

**Winnemucca, NV 89445**

Nevada contractor's license number

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