

Plugged By Well Log

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

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

OFFICE USE ONLY

Log No. 105741
Permit No.
Basin 054

NOTICE OF INTENT NO. 59808

1. OWNER Barrick/Cortez Gold
MAILING ADDRESS HC66 Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Hills CHPZ-41

Subdivision Name: County: Lander

2. LOCATION NE 1/4 NE 1/4 Sec 31 T 27N N/S R 48 E
PERMIT/WAIVER No. MO-1437
Issued by Water Resources Parcel No.

Latitude 40.171969 UTM E 534111.060 NAD 27
Longitude 116.599359 N 4446710.922 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
Clay - Quartz monzanite		0	50	50
Quartz monzanite		50	80	30
Clay		80	90	10
Quartz monzanite		90	140	50
Dike		140	190	50
Quartz monzanite		190	240	50
Dike		240	370	130
Quartz monzanite		370	400	30
Dike		400	410	10
Quartz monzanite	X	410	430	20
Dike		430	440	10
Quartz monzanite		440	540	100
Dike - Quartz monzanite	X	540	560	20
Quartz monzanite		560	610	50
Quartz - Dike		610	670	60
Quartz monzanite		670	790	120
Quartz - Dike	X	790	890	100
Quartz monzanite	X	890	1210	320
Quartz - Dike	X	1210	1220	10
Quartz monzanite	X	1220	2000	780

9. WELL CONSTRUCTION				
Depth Drilled	2000	Feet	Depth Cased	2000
HOLE DIAMETER (BIT SIZE)				
From		To		
18 1/2	Inches	0	Feet	40
9 7/8	Inches	40	Feet	420
6 3/4	Inches	420	Feet	2000
CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10 5/8	33	0.375	0	40
2	PVC	Sch80	0	2000

Perforations:
Type of perforation Slotted
Size of perforation 0.02
From 1800 feet to 2000 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: Yes No
 Neat Cement 0 to 56 Pumped Poured
 Cement Grout to Pumped Poured
 Concrete Grout to Pumped Poured
 ≥30% Bentonite Grout to Pumped Poured

Gravel Pack: Yes No 1798 to 2000 Pumped Poured
Type:
Bentonite Chips: Yes No 56 to 1798 Pumped Poured
Type: EZ Seal #8 - 3/8" hole plug

Date started: 2-Jun 20 07
Date completed: 28-Jun 20 07

7. Water Level
Static water level: 416 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: Cool °F
Quality: Good

8. WELL TEST DATA			
TEST METHOD:	<input type="checkbox"/> Bailer	<input type="checkbox"/> Pump	<input checked="" type="checkbox"/> Air Lift
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Drill pipe	250+		
Airlift			

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 [Signature]
By driller performing actual drilling on site or contractor
Date: 7/6/2007