

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

OFFICE USE ONLY
Log No. 115129
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. 67341

1. OWNER Barrick /Cortez Gold Mines ADDRESS AT WELL LOCATION Cortez Hills Mine
MAILING ADDRESS HC 66 Box 1250 Parcel No. Hole # CHPZ-190
Crescent Valley, NV 89821-1250

2. LOCATION NW 1/4 SE 1/4 Sec 31 T 27N N/S R 48 E Latitude _____ UTM E 532.752.989 NAD 27
PERMIT/WAIVER No. m/a 1685 Longitude _____ N 4,445,915.036 NAD 83/WGS 84
Issued by Water Resources Parcel No. _____ Subdivision Name: _____ County: Lander

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
black and gray rock		0	70	70
brown and grey rock		70	400	330
black rock		400	600	200
brown rock		600	660	60
black rock		660	1070	410
red rock		1070	1080	10
black white rock		1080	1220	140
black and gray rock	x	1220	2050	830
red, black, and gray sandy rock		2050	2090	40
black and gray rock		2090	2120	30
gray and black rock		2120	2280	160
black rock		2280	2310	30
gray rock		2310	2340	30
black and gray rock		2340	2610	270
gray and tan rock		2610	2920	310
light gray rock		2920	3000	80
neat cement poured		0	55	55
3/8 hole plug poured		55	780	725
bentonite grout pumped		780	2310	1530
3/8 hole plug pumped		2310	2319	9
1/4 s.r.l. gravel pumped		2319	3000	681

* See plugging log # 115130

8. WELL CONSTRUCTION

Depth Drilled	3000	Feet	Depth Cased	3000	Feet
HOLE DIAMETER (BIT SIZE)					
From To					
20	Inches	0	Feet	40	Feet
12.25	Inches	40	Feet	2270	Feet
6.75	Inches	2270	Feet	3000	Feet
CASING SCHEDULE					
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)	
14	54.57	.375	0	40	
7.625	23.54	.301	0	2270	
2.375	5.02	.218	+1.5	3000	
Perforations:					
Type of perforation <u>slotted</u>					
Size of perforation <u>0.02</u>					
From	<u>2320</u>	feet to	<u>3000</u>	feet	
From		feet to		feet	
From		feet to		feet	
From		feet to		feet	
From		feet to		feet	
Surface Seal: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Seal Type: <input checked="" type="checkbox"/> Neat Cement					
Depth of Seal <u>0-55</u> <input type="checkbox"/> Cement Grout					
Placement Method: <input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured <input type="checkbox"/> Concrete Grout					
Gravel Packed: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
From	<u>2319</u>	feet to	<u>3000</u>	feet	

9. WATER LEVEL
Static water level 1639 feet below land surface
Artesian flow non G.P.M. _____ P.S.I. _____
Water temperature 104 ° 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 National EWP Inc. Contractor
Address 580 W. Sliver St. Elko NV, 89801 Contractor
Nevada contractor's license number 0075355 issued by the State Contractor's Board
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2429
Signed [Signature] By driller performing actual drilling on site or contractor
Date 11-29-11

Date started september ninth, 20 11
Date completed november twenty first, 20 11

7. WELL TEST DATA

TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
N.A.			