

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

OFFICE USE ONLY
Log No. 116 358
Permit No. _____
Basin 053

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

NOTICE OF INTENT NO. 65619

1. OWNER Barrick /Cortez Gold Mines ADDRESS AT WELL LOCATION Horse Canyon
MAILING ADDRESS HC 66 Box 1250 GRMW-15 (well name)
NE Crescent Valley, NV 89821-1250

2. LOCATION NW 1/4 NW 1/4 Sec 20 T 26N N/S R 49 E Latitude _____ UTM E 544909 NAD 27
PERMIT/WAIVER No. SW m/0 1814 Longitude _____ N 4441167 NAD 83/WGS 84
Issued by Water Resources Parcel No. _____ Subdivision Name: _____ County: Eureka

3. WORKED PERFORMED New Well Replace Recondition
 Deepen Other...
4. PROPOSED USE Domestic Irrigation Test Cable Rotary RVC
 Municipal/Industrial Monitor Stock Air Other...

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
alluvial	X	0	300	300
black and gray rock		300	450	150
gray rock		450	480	30
brown clays		480	530	50
black and gray rock		530	1050	520
brown sandy clays		1050	1200	150
black and gray rock		1200	1900	700
black and gray rock, black clay		1900	2000	100
neat cement		0	125	125
bentonite grout		125	1680	1555
3/8 hole plug		1680	1798	118
s.r.i 1/4 gravel		1798	2000	202

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8. WELL CONSTRUCTION

Depth Drilled	2000	Feet	Depth Cased	2000	Feet
HOLE DIAMETER (BIT SIZE)					
From		To			
14.75	Inches	0	Feet	125	Feet
8.75	Inches	125	Feet	2000	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.75	28.04	.25	0	125
4.5	10.23	.224	+1	2000

Perforations:
Type of perforation _____ slotted
Size of perforation _____ 0.0625
From 1800 feet to 2000 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type: Neat Cement
Depth of Seal 125 Cement Grout
Placement Method: Pumped Poured Concrete Grout
Gravel Packed: Yes No
From 1798 feet to 2000 feet

9. WATER LEVEL
Static water level 198 feet below land surface
Artesian flow n/a G.P.M. _____ P.S.I. _____
Water temperature 62 °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 issued by the State Contractor's Board 0075355
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2454
Signed [Signature]
By driller performing actual drilling on site or contractor
Date 7-23-12

Date started June eighth, 20 12
Date completed July twentieth, 20 12

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	52	N.A	48

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

40.121514°N
116.472965°W NAD27