STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116972
Permit No.
Basin 054

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 67347

1. OWNER Barrick /Cortez Gold Mines
MAILING ADDRESS HC 66 Box 1250
Cresent Valley, NV 89821-1250

ADDRESS AT WELL LOCATION Cortez Hills Mine
chpz241

2. LOCATION SW ¼ NW ¼ Sec 6 T 26N N/S R 48 E
PERMIT/WAIVER No. M/C - 1739 (Issued by Water Resources) Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 532966.007 ☑ NAD 27
N 4444651.882 ☐ NAD 83/WGS 84
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	Thickness
micrite		0	340	340
oxidized welded tuff	x	340	500	160
silty micrite/shell		500	510	10
oxidized welded tuff		510	680	170
welded tuff		680	780	100
oxidized welded tuff		780	870	90
welded tuff		870	960	90
oxidized welded tuff		960	1300	340
glass obsidean		1300	1320	20
welded tuff		1320	1400	80
neat cement		0	54	54
bentonitegrout		54	1194	1140
3/8 hole plug		1194	1199	5
S.R.I 1/4 gravel		1199	1380	181
natural fill		1380	1400	20
transducer 500'				
transducer 820'				

Date started november ninth, 20 11
Date completed november nineteenth, 20 11

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☑ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
air lift	8	n.a.	5

8. WELL CONSTRUCTION
Depth Drilled 1400 Feet Depth Cased 1380 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
20	Inches	0	Feet	40	Feet
6	Inches	40	Feet	1400	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
14	54.57	.375	0	40
2.375	.958	.154	+1.5	1380

Perforations:
Type of perforation slotted
Size of perforation 0.02
From 1200 feet to 1380 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 54
Placement Method: ☐ Pumped ☑ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 1199 feet to 1380 feet

9. WATER LEVEL
Static water level 354 feet below land surface
Artesian flow n/a G.P.M. P.S.I
Water temperature 68 °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* 22133
Signed Kevin (By driller performing actual drilling on site or contractor)
Date 11-19-11

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

40.153456 °N
116.612942 °W
NAD27
Dec/Deg