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

OFFICE USE ONLY
Log No. 125853
Permit No. 77179
Basin No. 054

PRINT OR TYPE IN BLACK INK 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. 74315
WELL NAME (If applicable): AD-07

1. OWNER/CLIENT NAME Barrick Cortez
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, NV 89821

DETAILED ADDRESS AT WELL LOCATION Barrick Cortez gold mine,
Crossroads area
Subdivision Name: County: Lander

2. PLS LOCATION SW ¼ SE ¼ 5 Sec t27n N/S r47 E
PERMIT/WAIVER NO. 77179 order 1189
Issued by Water Resources Current Parcel No.

Latitude UTM E 525322.856 ☐ NAD 27
Longitude UTM N 4453395.732 ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Deepen: Orig WL#
☐ Replacement: Original well log #
☐ Recondition: Original well log #

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Monitor
☒ Mining / Dewater ☐ Com / Ind ☐ Stock
☐ Test / Other ☐ Mun / QM ☐ Rec

5. WELL TYPE
☐ Auger ☒ Rotary ☐ RVC
☐ Air ☐ Mud ☐ Sonic
☐ Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To
Alluvium	no	no	0	55
Alluvium	no	no	55	120
Alluvium	no	yes	120	630
Red siltstone and clay	yes	yes	630	634
Grey Limestone	yes	yes	634	740

Date started: July 31st. , 20 16
Date completed: August 19th. , 20 16

9. WELL CONSTRUCTION
Depth Drilled: 740 Feet Depth Cased: 740 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
26	Inches	0	Feet	55	Feet
20	Inches	55	Feet	634	Feet
11 3/4	Inches	620	Feet	638	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
26	89.1	.375	0	54
12.75	52.3	.375	+2	619.5
10.75	59.8	.50	600.9	638.28

ANNULAR MATERIALS
Sanitary Seal ☒ Yes ☐ No

☒ Neat Cement	0 / 0	to	55 / 45	☒ Pumped	☐ Poured
☐ Cement Grout		to		☐ Pumped	☐ Poured
☐ Concrete Grout		to		☐ Pumped	☐ Poured
☐ Bentonite Chips	45	to	50.5	☒ Pumped	☐ Poured
☐ Gravel Pack [> 0.2 in.]		to		☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	50.5	to	600	☒ Pumped	☐ Poured
☐ Other, explain: Neat Cement	600	to	619.5	☒ Pumped	☐ Poured

PERFORATIONS:
Type of perforation: Mill slot
Size of perforation: 0.08

From	92.75	Feet	To 576	Feet
From	611	Feet	To 740	Feet
From		Feet	To	Feet
From		Feet	To	Feet
From		Feet	To	Feet

7. WATER QUALITIES
Static water level: 120 Feet below land surface
Artesian Flow: no G.P.M. no P.S.I.
Water Temperature: 60 ° Fahrenheit
Water Quality: good

8. WELL TEST DATA
Test Method: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
140		24
	NAD 27	
	40.232507	
	116.702355	

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.

Name National EWP Inc. (Contractor)
Address 580 W. Silver St. Elko, NV 89801 (Contractor)
Phone 775-753-7355
Nevada contractor's license number as issued by the State Contractor's Board. 0075355
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller). 2470
Signed: (By driller performing actual drilling on site or contractor)
Date: 8/26/2016

(Rev 04-16)
USE ADDITIONAL SHEETS IF NECESSARY

STATE OF NEVADA
DIVISION OF WATER RESOURCES

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NOTICE OF INTENT NO. .....

1. OWNER .....
MAILING ADDRESS .....

ADDRESS AT WELL LOCATION .....

2. LOCATION ..... ¼ ..... ¼ Sec ..... T ..... N/S R ..... E
PERMIT/WAIVER No. ..... Issued by Water Resources ..... Parcel No.

Latitude ..... UTM E ..... ☐ NAD 27
Longitude ..... N ..... ☐ NAD 83/WGS 84
Subdivision Name: ..... County:

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

Date started ..... , 20
Date completed ..... , 20

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

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

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

HOLE DIAMETER (BIT SIZE)

		From		To	
8 1/2"	Inches	638.28	Feet	740.1	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.625	18.3	.250	572.75	740.1

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

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

9. WATER LEVEL
Static water level ..... feet below land surface
Artesian flow ..... G.P.M ..... P.S.I
Water temperature ..... °F Quality

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name ..... Contractor
Address ..... Contractor
Nevada contractor's license number issued by the *State Contractor's Board* .....
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* .....
Signed ..... By driller performing actual drilling on site or contractor
Date

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

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