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

OFFICE USE ONLY
Log No. 124504
Permit No.
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. 71771
WELL NAME *(If applicable)*: DW-43

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

DETAILED ADDRESS AT WELL LOCATION Cortez Hills
Subdivision Name: *County:* Eureka

2. PLS LOCATION nw ¼ sw ¼ 31 Sec 27 N/S 48 E
PERMIT/WAIVER NO. 77179 *Issued by Water Resources* *Current Parcel No.*

Latitude UTM E 531396.97 [x] NAD 27
Longitude UTM N 4447147.182 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[x] New Well [ ] Deepen: Orig WL#
[ ] Replacement: Original well log #
[ ] Recondition: Original well log #

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Monitor
[x] Mining / Dewater [ ] Com / Ind [ ] Stock
[ ] Test / Other [ ] Mun / QM [ ] Rec

5. WELL TYPE
[ ] Auger [x] Rotary [ ] RVC
[x] Air [ ] Mud [ ] Sonic
[ ] Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To
Alluvium	y	y	0	690
Limestone	y		690	985

NAD27
40.161467°N
116.612209°W

Date started: 13-Dec , 20 15
Date completed: 27-Jan , 20 16

7. WATER QUALITIES
Static water level: 500 Feet below land surface
Artesian Flow: no G.P.M. P.S.I.
Water Temperature: 60 ° Fahrenheit
Water Quality: clear

8. WELL TEST DATA
Test Method: [ ] Bailer [ ] Pump [ ] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
Airlift	110	125	72 hours

9. CONSTRUCTION
Depth Drilled: 985 Feet Depth Cased: 980 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
30	Inches	0	Feet	38	Feet
22	Inches	38	Feet	985	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
24	94.61	.375	0	38
14	54.56	.375	+1.5	600
14	25	.375	600	620

ANNULAR MATERIALS
Sanitary Seal x [ ] Yes [ ] No

[x] Neat Cement	542 ~~553~~	to	surface	[x] Pumped	[ ] Poured
[ ] Cement Grout		to		[ ] Pumped	[ ] Poured
[ ] Concrete Grout		to		[ ] Pumped	[ ] Poured
[x] Bentonite Chips	553	to	542	[x] Pumped	[ ] Poured
[x] Gravel Pack [> 0.2 in.]	985	to	553	[x] Pumped	[ ] Poured
[ ] Sand Pack [< 0.2 in.]		to		[ ] Pumped	[ ] Poured
[ ] Other, explain:		to		[ ] Pumped	[ ] Poured

PERFORATIONS:
Type of perforation: wire wrap
Size of perforation: 0.12

From	Feet	To	Feet
600	Feet	620	Feet
640	Feet	980	Feet
	Feet		Feet
	Feet		Feet
	Feet		Feet

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*

Nevada contractor's license number as issued by the *State Contractor's Board:* 75355
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2385

Signed: James McCoy *By driller performing actual drilling on site or contractor*
Date: 2/1/2016

RECEIVED FEB 4 2016 DIVISION OF WATER RESOURCES

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		From	To
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Inches	Feet	Feet	Feet
Inches	Feet		Feet

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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

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Address 580 W Silver St Elko, NV 89801 *Contractor*

Nevada contractor's license number as issued by the *State Contractor's Board:* 75355
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2385
Signed: James McCoy *By driller performing actual drilling on site or contractor*
Date: 2/1/2016

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