STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 118526
Permit No
Basin No. 054

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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. 67465
WELL NAME *(If applicable)*: DW36

1. OWNER/CLIENT NAME Barrick Cortez
MAILING ADDRESS HC-66 BOX 1250
CRESCENT VALLEY NV 89821

DETAILED ADDRESS AT WELL LOCATION
Humboldt River Basin
Subdivision Name: *County:* Lander

2. PLS LOCATION sw ¼ nw ¼ 6 Sec 26n N/S 48 E
PERMIT/WAIVER NO. 77179 *Issued by Water Resources* | Order 1189 *Current Parcel No.*

Latitude UTM E 532870.25 [X] NAD 27
Longitude UTM N 4444805.88 [ ] 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 [ ] Rotary [X] RVC
[ ] Air [X] Mud [ ] Sonic
[ ] Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To	Thickness
Alluvium W/Tuff			0	1040	1040
casing screen is					
intermittent see					
well diagram attatched					
there are 2 string's of					
2.375" sounder					
attatched to the side					
of 14" see diagram					

Date started: 30-Sep, 20 13
Date completed: 25-Oct, 20 13

9. WELL CONSTRUCTION
Depth Drilled: 1040 Feet Depth Cased: 1040 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
30	Inches	0	Feet	57	Feet
22	Inches	57	Feet	1040	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
24	86.6	.375	0	57
22	54.5	.375	+1.5	1040
2.375	4.39	.188	+1.5	1000

PERFORATIONS:
Type of perforation: wire wrap
Size of perforation: 0.04
From 650 Feet To 1000 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

[X] Sanitary Seal	0	to	57		
[ ] Neat Cement		to		[ ] Pumped	[ ] Poured
[ ] Cement Grout		to		[ ] Pumped	[ ] Poured
[X] Concrete Grout	0	to	375	[ ] Pumped	[X] Poured
[X] Bentonite Chips	375	to	385	[ ] Pumped	[X] Poured
[ ] Bentonite Grout		to		[ ] Pumped	[ ] Poured
[ ] 15 % [ ] 20 % [ ] Other, explain:					
[ ] Gravel Pack [> 0.2 in.]		to		[ ] Pumped	[ ] Poured
[X] Sand Pack [< 0.2 in.]	385	to	1040	[X] Pumped	[ ] Poured
[ ] Other, explain:		to		[ ] Pumped	[ ] Poured

7. WATER QUALITIES
Static water level: 286 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: cool ° Fahrenheit
Water Quality: fair

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

	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
NAD27			
40.154855 N			
116.6140588 W			

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name NATIONAL EWP *Contractor*
Address 580 W SILVER ST ELKO NV 89801 *Contractor*

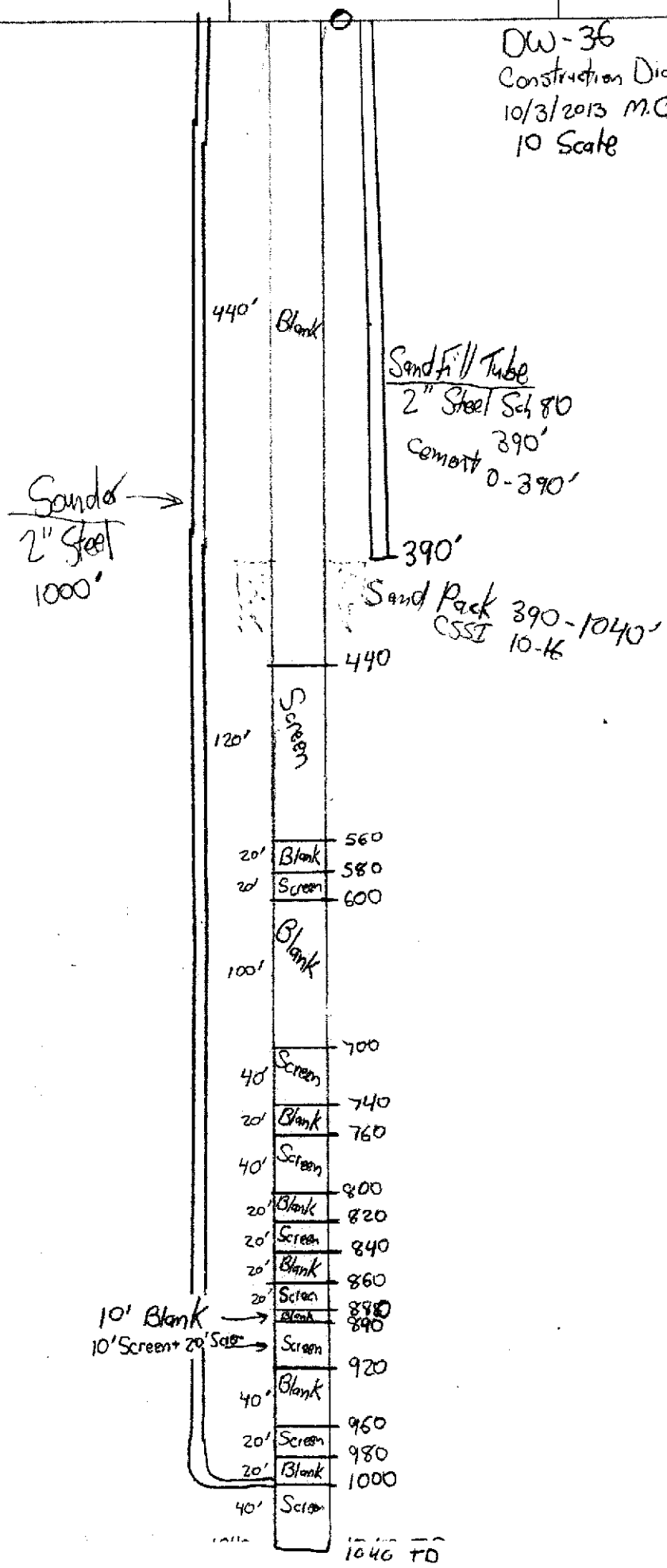
Nevada contractor's license number as issued by the *State Contractor's Board:* 0075355
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2385

Signed: James McGey *By driller performing actual drilling on site or contractor*
Date: 11/2/2013

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY

DW-36
Construction Diagram
10/31/2013 M. Crowter
10 Scale



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