DCNR/DWR/SNBO
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SEP 09 2013

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

OFFICE USE ONLY
Log No. 118462
Permit No.
Basin No. 212

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. 37682
WELL NAME *(if applicable)*: MW21-45

1. OWNER/CLIENT NAME County Of Clark (aviation) Qucdcar
MAILING ADDRESS 5233 Rent A Car Rd
Las Vegas, NV 89119-1218

DETAILED ADDRESS AT WELL LOCATION Paradise
Subdivision Name: *County:* Clark

2. PLS LOCATION SW ¼ NW ¼ 27 Sec 21S N/S 61 E
PERMIT/WAIVER NO. *Issued by Water Resources* 162-27-201-004 *Current Parcel No.*

Latitude 36 05'44.57"N UTM E ☐ NAD 27
Longitude 115 09'01.80"W UTM N ☒ 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	Thickness
Fill			0	1	1
Sandy Gravel			1	9	8
Caliche			9	10	1
Silty Sand			10	23	13
Sandy Clay			23	40	17
Silty Sand			40	46	6

Date started: 22-Aug, 20 13
Date completed: 22-Aug, 20 13

9. WELL CONSTRUCTION
Depth Drilled: 46 Feet Depth Cased: 45 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8	Inches	0	Feet	46	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375		Sch 40	0	45

PERFORATIONS:
Type of perforation: Factory Slotted
Size of perforation: 0.02
From 40 Feet To 45 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

☐ Sanitary Seal		to			
☐ Neat Cement		to		☐ Pumped	☐ Poured
☒ Cement Grout	1	to	35	☒ Pumped	☐ Poured
☐ Concrete Grout		to		☐ Pumped	☐ Poured
☒ Bentonite Chips	35	to	37	☐ Pumped	☒ Poured
☐ Bentonite Grout		to		☐ Pumped	☐ Poured
☐ 15 % ☐ 20 % ☐ Other, explain:					
☒ Gravel Pack [> 0.2 in.]	37	to	46	☐ Pumped	☒ Poured
☐ Sand Pack [< 0.2 in.]		to		☐ Pumped	☐ Poured
☐ Other, explain:		to		☐ Pumped	☐ Poured

7. WATER QUALITIES
Static water level: 25 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: ° Fahrenheit
Water Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
		.5

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Cascade Drilling L.P. *Contractor*
Address 4590 Copper Sage St., Las Vegas, NV 89115 *Contractor*
Nevada contractor's license number as issued by the *State Contractor's Board:* C23-0073966
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2381
Signed: *By driller performing actual drilling on site or contractor*
Date: 9-9-13

(Rev. 08-12)
USE ADDITIONAL SHEETS IF NECESSARY

36.0957417
-115.1496685
NAD27