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

OFFICE USE ONLY
Log No. 118871
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. 37712
WELL NAME *(If applicable)*: 267IOP-5

1. OWNER/CLIENT NAME USA
MAILING ADDRESS Washington, DC

DETAILED ADDRESS AT WELL LOCATION Sunrise Manor
Subdivision Name: *County:* Clark

2. PLS LOCATION SE ¼ SE ¼ 4 Sec 20S N/S 62 E
PERMIT/WAIVER NO. MO-2986 *Issued by Water Resources* 140-04-801-001 *Current Parcel No.*

Latitude UTM E 815217 ☐ NAD 27
Longitude UTM N 26787677 ☒ 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
Concrete			0	1.5	2
Fill			1.5	2.5	1
Clay			2.5	40	38
Clay w/ caliche nodules			40	42	2
Clay			42	52	10

DCNR/DWR/SNBO
RECEIVED
DEC 20 2013

Date started: 12-Dec , 20 13
Date completed: 13-Dec , 20 13

9. *WELL CONSTRUCTION*
Depth Drilled: 52 Feet Depth Cased: 51.5 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8	Inches	0	Feet	52	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
1.315		Sch 80	0	51.5

PERFORATIONS:
Type of perforation: Factory Slotted
Size of perforation: #50 Mesh
From 50.5 Feet To 51.5 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

☐ Sanitary Seal		to			
☐ Neat Cement		to		☐ Pumped	☐ Poured
☒ Cement Grout	2	to	44.5	☒ Pumped	☐ Poured
☐ Concrete Grout		to		☐ Pumped	☐ Poured
☒ Bentonite Chips	44.5	to	47.5	☐ Pumped	☒ Poured
☐ Bentonite Grout		to		☐ Pumped	☐ Poured
☐ 15 % ☐ 20 % ☐ Other, explain:					
☐ Gravel Pack [> 0.2 in.]		to		☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	47.5	to	52	☒ Pumped	☐ Poured
☐ Other, explain:		to		☐ Pumped	☐ Poured

7. *WATER QUALITIES*
Static water level: 40 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)
N/A			

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: 12-18-13

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

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-115.0430045
NAD 27