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

OFFICE USE ONLY
Log No. 121478
Permit No.
Basin No.

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. 38105
WELL NAME (if applicable): 44MW-5R

1. OWNER/CLIENT NAME USA
MAILING ADDRESS Washington DC 20260

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-2996 (Issued by Water Resources) 140-04-801-001 (Current Parcel No.)

Latitude 36 14'05.12"N UTM E ☐ NAD 27
Longitude 115 02'37.54"W UTM N ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☐ New Well ☐ Deepen: Orig WL#
☒ Replacement: Original well log # n/a
☐ 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	4	4
Clayey Sand			4	20	16
Clay			20	58	38
Sandy Clay			58	60	2

Date started: 14-May, 20 14
Date completed: 15-May, 20 14

DCNR/DWR/SNP
RECEIVED
JUN 18 2014

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)
		.5

9. WELL CONSTRUCTION
Depth Drilled: 60 Feet Depth Cased: 60 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10	Inches	0	Feet	60	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4.5		Sch 40	0	60

PERFORATIONS:
Type of perforation: Factory Slotted
Size of perforation: 0.01
From 30 Feet To 60 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

☐ Sanitary Seal		to		
☐ Neat Cement		to	☐ Pumped	☐ Poured
☐ Cement Grout		to	☐ Pumped	☐ Poured
☐ Concrete Grout		to	☐ Pumped	☐ Poured
☒ Bentonite Chips	1	to 28	☐ Pumped	☒ Poured
☐ Bentonite Grout		to	☐ Pumped	☐ Poured
☐ 15 % ☐ 20 % ☐ Other, explain:				
☒ Gravel Pack [> 0.2 in.]	28	to	☐ Pumped	☒ Poured
☐ Sand Pack [< 0.2 in.]		to	☐ Pumped	☐ Poured
☐ Other, explain:		to	☐ Pumped	☐ Poured

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 (onsite driller): 2381
Signed: (By driller performing actual drilling on site or contractor)
Date: 6-9-15

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

36.2347347
-115.0429269
NAD 27