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

OFFICE USE ONLY
Log No. 119686
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. 37716
WELL NAME *(If applicable)*: MW-2

1. OWNER/CLIENT NAME Herbst Development LLC % S Higgins
MAILING ADDRESS 5195 Las Vegas Blvd
Las Vegas, NV 89119-3209

DETAILED ADDRESS AT WELL LOCATION 2395 N.Rancho Dr.
Las Vegas
Subdivision Name: *County:* Clark

2. PLS LOCATION NE ¼ NW ¼ 19 Sec 20S N/S 61 E
PERMIT/WAIVER NO. 139-19-103-001
Issued by Water Resources *Current Parcel No.*

Latitude 36 12'9.25"N UTM E ☐ NAD 27
Longitude 115 11'56.94"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	Thick-ness
Fill			0	2	2
Sandy Clay			2	5	3
Sandy Silt			5	10	5
Clayey Sand			10	12	2
Sandy Clay			12	20	8
Clayey Sand			20	22	2
Sandy Clay			22	24	2
Clayey Sand			24	35	11

Date started: 29-Jan , 20 13
Date completed: 30-Jan , 20 13

9. WELL CONSTRUCTION
Depth Drilled: 35 Feet Depth Cased: 35 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8	Inches	0	Feet	35	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	35

PERFORATIONS:
Type of perforation: Factory Slotted
Size of perforation: 0.02
From 20 Feet To 35 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

☐ Sanitary Seal		to		☐ Pumped	☐ Poured
☐ Neat Cement		to		☐ Pumped	☐ Poured
☒ Cement Grout	1	to	16	☒ Pumped	☐ Poured
☐ Concrete Grout		to		☐ Pumped	☐ Poured
☒ Bentonite Chips	16	to	18	☐ Pumped	☒ Poured
☐ Bentonite Grout		to		☐ Pumped	☐ Poured
☐ 15 % ☐ 20 % ☐ Other, explain:					
☐ Gravel Pack [> 0.2 in.]		to		☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	18	to	35	☐ Pumped	☒ Poured
☐ Other, explain:		to		☐ Pumped	☐ Poured

7. WATER QUALITIES
Static water level: 23.61 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)

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: 2-13-14

NDWR DWRS NRD RECEIVED FEB 18 2014

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

36.2026008 NAD 27
-115.1983136