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

OFFICE USE ONLY
Log No. 124414
Permit No.
Basin 072
Well Name MW-22

PRINT OR TYPE 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. 74235

1. OWNER Travel City of America LLC
MAILING ADDRESS 24601 Center Ridge RD
Westlake, OH 44145

ADDRESS AT WELL LOCATION 6000 East Frontage RD
Mill City, NV
Subdivision Name: County: Pershing

2. LOCATION SW ¼ NW ¼ Sec 30 T 33 N R 35 E
PERMIT/WAIVER No. M/O-2035 (Issued by Water Resources) 008-130-01 (Parcel No)
Latitude 40°.693444 Longitude -118°.056496
UTM E N
☒ NAD 27 ☐ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Replace ☐ Recondition ☐ Deepen ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal/Industrial ☒ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC ☐ Air ☒ Other Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
See Attached				

Date started 2-18 20 16
Date completed 2-18 20 16

7. Water Level
Static water level: feet below land surface
Artesian Flow: G.P.M P.S.I.
Water Temperature: °F
Quality:

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

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

9. WELL CONSTRUCTION
Depth Drilled 75' Feet Depth Cased 75' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8"	Inches	0	Feet	75'	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2"		Sch 40 PVC	0	75'

Perforations:
Type of perforation Manufactured Slot
Size of perforation 010
From 55' feet to 75' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 33' ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 53' to 75' ☐ Pumped ☒ Poured
Type: 2/12 Sand
Bentonite Chips: ☒ Yes ☐ No 33' to 53' ☐ Pumped ☒ Poured
Type: Bentonight chips.

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Gregs Drilling (Contractor)
Address 950 Howe Ave Martinez CA 94553 (Contractor)
Nevada contractor's license number issued by the State Contractor's Board 38113
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2354-M
Signed (By driller performing actual drilling on site or contractor)
Date 2-18-16

USE ADDITIONAL SHEETS IF NECESSARY

Bore ID:	MW-22	Plunge:	—	Logged By:	C. PARK
Total Depth:	76.5'	H/V Datum:	—	Drilling Equipment:	MARL-MID
Depth to Rock/Coring:	NA	Latitude/Northing:	40.693209	Drill Bit Size/Type:	8"
Date Begin-End:	2/10 /2016	Longitude/Easting:	-118.0564854	Bore Diameter:	8"
Surface Condition:	ASPHALT	Elevation:		Drilling Method:	H.S.A
Weather:	WINDY OVERCAST	Drilling Company:	GREGG	Hammer Type:	AUTO
Groundwater During:	55'	Driller License #:		Hammer Drop/Weight:	30" / 140lbs
Groundwater After:	58.31'	Drill Crew:	ERIC DAVID BLAKE	Hammer Eff./Cal. Date:	

Depth	Drilling Method	Sample Type Sym.	Blows Per 6"	Recovery	Sample Number	PID/FID	USCS Symbol	Soil Type, Particle-Size Range, Particle Angularity, Particle Shape, Density/Consistency, Plasticity, Color, Odor, Moisture, Reaction to HCL, Structure, Cementation	Backfill	Well Construction	Backfill	Well Completion: Description
0	SAFED-6							ASPHALT (3")				T PLUG CAP
1								SILTY SAND SOME GRAVEL/COBBLES DENSE MOIST LIGHT BROWN				8" WELL VAULT WITH CONCRETE COLLAR TRAFFIC RATED
2												
3												
4												
5			9	18	1-6	0.0	ML	SANDY SILT, FEW GRAVEL, M STIFF, MOIST, BROWN NO ODOR/STAINING MASONRY				
6			13									
			10									
7	H.S.A.											BENTONITE CONCRETE SLURRY
8												
9												
10			17	17	2-6	0.3	ML	SAME AS ABOVE (6")				
11			28					OVERLYING POORLY GRADED SAND W				
			32				SP	GRAVEL, V DENSE, S MOISTURE, OLIVE GREY NO ODOR/STAINING				2" SCH 40 PVC WELL RISER WITH THREADED JOINTS
12												
13												
14												
15			24	9	3-6	0.0	ML	SANDY SILT TO SILT W SAND, V				
16			50					STIFF, MODERATELY CEMENTED, NO				
			5					STRUCTURE, S MOISTURE, LIGHT BROWN NO ODOR NO STAINING				
17												
18												
19												
20												

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PROJECT NO.: 20163102
DRAWN BY:
CHECKED BY:
DATE:
REVISED:

ENVIRONMENTAL FIELD LOG

Project Name: TA MILL CITY NEVADA
Address:
City/County, State: MILL CITY NEVADA
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[FIELD LOG - ENVIRONMENTAL FIELD LOG]

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Bore ID:	MW-22	Plunge:	—	Logged By:	C. PARK
Total Depth:	76.5'	H/V Datum:	—	Drilling Equipment:	MARL M-10
Depth to Rock/Coring:	NA	Latitude/Northing:	SEE PG-1	Drill Bit Size/Type:	8"
Date Begin-End:	2/18/2016	Longitude/Easting:	" "	Bore Diameter:	8"
Surface Condition:	ASPHALT	Elevation:	" "	Drilling Method:	H.S.A
Weather:	WINDY	Drilling Company:	GREGG	Hammer Type:	AUTO
Groundwater During:	55'	Driller License #:		Hammer Drop/Weight:	30" / 140lbs
Groundwater After:		Drill Crew:	ERIC, DAVID, [illegible]	Hammer Eff./Cal. Date:	

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20–21			32 50/0 5	10	4-6	0.0	ML	SAME AS ABOVE WELL CEMENTED CALICHE'				
22–24	H.S.A.											BENTONITE CONCRETE SLURRY PUMPED INTO PLUG WITH RIG PUMP SYSTEM
25–26			40 50/0 4	9	5-6	0.8	GM	SILTY GRAVEL W SAND, V DENSE, S MOISTURE LIGHT BROWN SUBROUND GRAVEL NO ODOR NO STAINING SOME CEMENTED CLASTS				
27–29												2" SCH 40 PVC RISER WITH THREADED JOINTS
30–31			48 50/0 5	6	6-6	0.4	GM	SAME AS ABOVE				
32–34												
35–36			35 50/0 4	9	7-6	0.7	ML	SANDY SILT, V STIFF, MASSIVE, MODERATELY CEMENTED, S MOISTURE, LIGHT YELLOW BROWN CALICHE' VERTICAL CARBONATE STAINING ALONG SOIL PROFILE JOINTS, REACTS TO HCL				3/8" BENTONITE HOLE PLUG FREQUENTLY HYDRATED DURING PLACEMENT
37–40												H.S.A USED AS TREMIE DURING PLACEMENT

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Weather:	WIND	Drilling Company:	GREGG	Hammer Type:	AUTO
Groundwater During:	55'	Driller License #:		Hammer Drop/Weight:	30"/140lbs
Groundwater After:		Drill Crew:	ERIC DAVID BLAKE	Hammer Eff./Cal. Date:	

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40–41			58 5	4	8-6	2.1	SM	SILTY SAND W GRAVEL, V DENSE, S MOISTURE BROWN				
42	H.											3/8" HOLE PLUG BENTONITE FREQUENTLY HYDRATED DURING PLACEMENT
43	S.											
44	A.											
45–46			30 50 3	5	9-6	1.3	SM	SAME AS ABOVE NO ODOR/STAINING				
47–49												2" SCH. 40 PVC RISER WITH THREADED JOINTS
50–51			32 50 5	3	10-6	0.6	GM	SILTY GRAVEL W SAND, V DENSE, S MOISTURE, GREY BROWN NO ODOR NO STAINING				HSA USED AS TREMIE
52–54												#2/12 MONTEREY SAND
55–56			58 4	3	11-6 ▽	0.3	GM	SAME AS ABOVE WET MASSIVE SUB ROUND TO ANGULAR GRAVEL				
57–60												0.010 IN SLOTTED 2" SCH 40 PVC WELL SCREEN WITH THREADED JOINTS

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Weather:	WIND	Drilling Company:	GREGG	Hammer Type:	AUTO
Groundwater During:	55'	Driller License #:		Hammer Drop/Weight:	30"/140lbs
Groundwater After:		Drill Crew:	ERIC, DAVID, BLAKE	Hammer Eff./Cal. Date:	

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60–61	H.S.A		50/5	6	12-6	0.1	GM	SILTY GRAVEL W SAND, V DENSE, WET DK GREY MASSIVE SUBANGULAR CLASTS NO ODOR/STAINING				
62–64												0.010 IN. SLOTTED 2" SCH 40 WELL SCREEN WITH THREADED JOINTS
65–66			40 50/4	12	B-6	0.0	SP GM	POORLY GRADED SAND (LOOSE WET RED BROWN F TO M GRAINED) OVERLYING SILTY GRAVEL W SAND, V DENSE, WET, BROWN				
70–71			26 50/5	11	14-6	2.8	ML	SANDY SILT W OCCASIONAL GRAVEL V STIFF, MODERATELY CEMENTED POORLY DEFINED BLOCKY STRUCTURE, GREY NO ODOR/STAINING				II 2/12 MONTEREY SAND HSA USED AS TREMIE
75–76			18 50/5	10	15-6	1.9	SM	SILTY SAND W GRAVEL, V DENSE, WET, M TO COARSE GRAINED, GREY NO ODOR, NO STAINING				THREADED END CAP

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