ASG-MK23

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

OFFICE USE ONLY
Log No. 118408
Permit No.
Basin OSD

PRINT OR TYPE ONLY
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Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 69322

1. OWNER Washoe County
MAILING ADDRESS 4930 Energy Way Reno, NV.
ADDRESS AT WELL LOCATION West side of Sunshine between Zinc and Prosperity
Subdivision Name: County:

2. LOCATION SW ¼ SW ¼ Sec 7 T 19N N/S R 20E
PERMIT/WAIVER No. City Row
Issued by Water Resources Parcel No.
Latitude 39 31' 24.46N UTM E
Longitude 119 47' 16.72W
☐ 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 Sonic

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
SEE ATTATCHED				
LITH LOG				
NAD27				
39.523550°N				
119.786954°W				

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Date started: 9-12, 20 13
Date completed: 9-12, 20 13

7. Water Level
Static water level: Ø 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 16 Feet Depth Cased 15 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6	Inches	0	Feet	16	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 80 PVC	0	15

Perforations:
Type of perforation FACTORY SLOT
Size of perforation .020
From 15 feet to 10 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☐ Yes ☐ No
☒ Neat Cement 6 to 1 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 16 to 8 ☐ Pumped ☒ Poured
Type: 10x20 AND #60 FINE
Bentonite Chips: ☒ Yes ☐ No 6 to 8 ☐ Pumped ☒ Poured
Type: MEDIUM

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Cascade Drilling
Contractor
Address 230 E Sydney Dr
Contractor
McCarron, NV. 89434
Nevada contractor's license number issued by the State Contractor's Board 73966
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2434-M
Signed K.L. Phillips
By driller performing actual drilling on-site or contractor
Date 9-13-13

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 05-06)

(NSPO 3-08) (O) 627

CTMRD PROGRAM MONITORING WELL STRATIGRAPHIC LOG

Drilling Specifications:

Drilling Contractor: Cascade
Drilling Method: Sonic
Rig: Geoprobe 8140LS
Driller:
Boring Diam.: 6 in TD: 15.5 ft
Development Method:
Date Start: 8/27/13 End: 8/28/13

Well Specifications:

Location Description: W/SO/Sunshine Bet. Zinc/prosperity
Coordinates: ft N ft E
Elevation: ft Survey Method:
Reference Pt. Description:
Well TD: 15 ft bgs Well Diameter: 2 in
Screen Interval: 10-15 ft bgs
First Water: — ft bgs Static Water at completion: — ft bgs

WELL ID: ASG-MK23
Project: 135534
Page 1 of 1
LOGGED BY: M. Owens

Log #118408

Hand Augured

Depth	Engineering Properties: Density/Consistency	Moisture	Plasticity	Cohesiveness	Transmissivity	1° Description: Color	Boulder %	Cobble %	Gravel %	Sand %	Silt %	Clay %	USCS Classification	2° Effects: Weathering/Oxidization	Depositional Properties: Grading	Angularity	Matrix/Clast-Supported	Clast Lithology	Sedimentary Structure	Depositional Environment	Stratigraphic Contact	Graphics: PID/Samples	Lithology
0																							
	MD D	M	N	N	M-H	7.5yr 4/2	1%	15	14	50	20		Sm		PG	R	M	G-100	M U	F-GOW	G	0.0	
																		G-50 B-50					
5						10yr 7/1																0.0	
10																						0.8	
15						10yr 3/1 10yr 7/1																0.2	
20																							
25																							
30																							

Description

Note: Description section to be used to complement and provide additional information to supplement column descriptors to the left, identify any samples collected, and describe any particulars associated with drilling behavior.

10" of Concrete sidewalk
0-1½ Brn 7.5yr 4/2 Silty sand w/ gravel, cobb. Boulders. F-C sand, F-C gran to 3"-4", cobb to 6" Boulders to 24" Angular Boulders, (1 Large Granitic Boulder @ 5 vrf. - 2' BGS)
10yr 7/1 - light Gray due to Rock Flour
AS ABOVE
Boulder @ 12' - greater than 4"
10yr 3/1 @ 14-15
15-16 10yr 7/1

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