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

VP-19

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

OFFICE USE ONLY
Log No. 118274
Permit No.
Basin 087

NOTICE OF INTENT NO. 69335

1. OWNER WASHOE COUNTY
MAILING ADDRESS 4930 ENERGY WAY
RENO, NV

ADDRESS AT WELL LOCATION NORTH S/O BROADWAY
400' EAST OF S. WELLS
Subdivision Name: County: WASHOE

2. LOCATION NE ¼ SW ¼ Sec 13 T 19 N S R 19 E
PERMIT/WAIVER No. CITY ROW
Issued by Water Resources Parcel No.

Latitude 39.3041.96 UTM E ☐ NAD 27
Longitude 119.48669 N ☒ 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 ATATCHED				
LITH LOG				
NAD27				
39.51745°N				
119.800834°W				

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Date started: 10-2, 20 13
Date completed: 10-2, 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 10 Feet Depth Cased 10 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6	Inches	0	Feet	10	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	10

Perforations:
Type of perforation FACTORY SLOT
Size of perforation .020
From 5 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 2 to 1 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 10 to 3 ☐ Pumped ☒ Poured
Type: #3 SAND
Bentonite Chips: ☒ Yes ☐ No 3 to 2 ☐ 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
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 [signature]
By driller performing actual drilling on-site or contractor
Date 10-2-13

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY

(NSPO 3-08) (O) 627

Log # 118274

CTMRD PROGRAM MONITORING WELL STRATIGRAPHIC LOG

Drilling Specifications:

Drilling Contractor: Cascade
Drilling Method: hand dug 0-5' / sonic 5'-11.5'
Rig:
Driller: Ken Phillips
Boring Diam.: 6 in TD: 11.5 ft
Development Method: —
Date Start: 10/1/13 End: 10/2/13

Well Specifications:

Location Description: N. side Broadway, 300' E. of Mill
Coordinates: ft N ft E
Elevation: ft Survey Method:
Reference Pt. Description:
Well TD: 10 ft bgs Well Diameter: 2 in
Screen Interval: 5-10 ft bgs
First Water: — ft bgs Static Water at completion: — ft bgs

WELL ID: VP-19
Vassar East Plumb
Project: PSA

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LOGGED BY: B. Kearney

Depth	Density/ Consistency	Moisture	Plasticity	Cohesiveness	Transmissivity	Color	Boulder %	Cobble %	Gravel %	Sand %	Silt %	Clay %	USCS Classification	Weathering/ Oxidization	Grading	Angularity	Matrix/Clast-Supported	Clast Lithology	Sedimentary Structure	Depositional Environment	Stratigraphic Contact	PID/Samples (ppm)	Lithology	Description
0																								5" asphalt, 8" road base
	L	D	NP	NC	H	10YR 4/4		10	20	50	20	tr	SM		PGu					FLW				dk. yellow brn silty sand w/gravel, sand is well sorted (f.-vf.)
5	VL	D	NP	NC	M	10YR 8/4	5	10	20	35	20	10	SM		WG	R-SR	MX	G-10 B-40 A-40 QHY-10	M U	GOW	G	5.2		v. pale brn silty sand w/gravel, incl. cobbles & sm. bldrs., clasts are mostly vx., incl. metavx.
10	VL	D	NP	NC	H	10YR 7/2		5	20	45	20	10	SM							FLW		2.1		lt. grey silty sand w/gravel incr. in v.c. sand fraction, incr. sorting
15																								
20																								
25																								
30																								

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.

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