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

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

OFFICE USE ONLY
Log No. 114508
Permit No.
Basin 057
Well ID# MK-30

NOTICE OF INTENT NO. 70787

1. OWNER Washoe County
MAILING ADDRESS 4930 Energy Way
Reno, NV 89502

ADDRESS AT WELL LOCATION Mill St and Kietzke
City of Reno
Subdivision Name: County:

2. LOCATION NE ¼ SE ¼ Sec 12 T 19 N/S R 19 E
PERMIT/WAIVER No. Issued by Water Resources
Parcel No. NDOT ROW

Latitude
Longitude
UTM E 39.524198 ☐ NAD 27
N 119.789332 ☒ 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 Attached Form.				

Date started: 11-15, 20 13
Date completed: 11-16, 20 13

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)
NAD27			
39.524287°N			
119.789308°W			

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"	Sch80	PVC	0	15'

Perforations:
Type of perforation Factory Cut
Size of perforation 0.20
From 10' feet to 15' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No

☐ Neat Cement		to	☐ Pumped	☐ Poured
☒ Cement Grout	0	to 5'	☒ Pumped	☐ Poured
☐ Concrete Grout		to	☐ Pumped	☐ Poured
☐ ≥30% Bentonite Grout		to	☐ Pumped	☐ Poured

Gravel Pack: ☒ Yes ☐ No 8 to 16 ☐ Pumped ☒ Poured
Type: #3 Sand
Bentonite Chips: ☒ Yes ☐ No 5 to 7' ☐ Pumped ☒ Poured
Type: MEDIUM Chips 3/8

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 LP. (Contractor)
Address 1333 W 9th St (Contractor)
Upland, CA 91786
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 2475
Signed (By driller performing actual drilling on-site or contractor)
Date 11-16-13

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

(NSPO 3-08)

(O) 627

CTMRD PROGRAM MONITORING WELL STRATIGRAPHIC LOG

Drilling Specifications:

Drilling Contractor: Cascade
Drilling Method: Sonic
Rig: Spider SPR6
Driller: Alex Patricio
Boring Diam.: 6 in TD: 16 ft
Development Method: N/A
Date Start: 11/15/13 End: 11/16/13

Well Specifications:

Location Description: W. side of Kietzke, N. of 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: N/A ft bgs Static Water at completion: N/A ft bgs

WELL ID: MK-30
Project: Mill Kietzke PSA
Page 1 of 1
LOGGED BY: B. Kearney

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	Description
0																								7" asphalt, 14" road base hand dug to 6' bgs
	L	D	NP	NC	H	7.5YR 4/2	10	10	40	20	10	10	GM		WG	SR	MX	G-30 B-40 A-30	M	GOW	G			brown silty gravel w/ sand, gravel vf-vc, incl. cobbles to 6"+ small boulders, sand vf-vc esp. c-vc
5																								
10																						1.9		
																						1.0		
15	L	M	NP	NC	H	7.5YR 3/1			tr	90	10		SP-SM		PG in		MX	G-20 B-60 A-20	M	FLUV	S			v. dark grey poorly graded sand w/ silt, sand is c. well sorted
	L	M	NP	C	M	7.5YR 3/1		10	30	40	10	10	SM		WG		MX	G-20 B-50 A-30	M-L	FLUV	S	0.9		v. dark grey silty sand w/ gravel, sand is m., gravel is vf-vc, esp. c; some laminations in the finer fraction
20																								TD at 16'
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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