ASG- MK- 18

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

OFFICE USE ONLY
Log No. 115228
Permit No.
Basin 057

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. 69321

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

ADDRESS AT WELL LOCATION EAST SIDE OF GOULD ST NORTH OF KIETZKE
Subdivision Name: County: WASHOE

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

Latitude 39° 31 28.37 N
Longitude 119 47' 29.16 W
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 SONIC

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
SEE ATTATCHED LITH LOG				

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Date started: 8-30, 20 13
Date completed: 8-30, 20 13

7. Water Level
Static water level: N/A 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			
39.5246360 N			
119.79016 W			

9. WELL CONSTRUCTION
Depth Drilled 15 Feet Depth Cased 15 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6	Inches	0	Feet	15	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	SCH 80 PVC	0	15

Perforations:
Type of perforation FACTORY SLOT
Size of perforation .020
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 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 15 to 8 ☐ Pumped ☒ Poured
Type: 10x20 SILICA
Bentonite Chips: ☒ Yes ☐ No 8 to 6 ☐ 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 [signature]
By driller performing actual drilling on-site or contractor
Date 9-5-13

(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: Roto-Sonic
Rig: Truck Mount Sonic
Driller: Ken Phillips
Boring Diam.: 6 in TD: 16 ft
Development Method: —
Date Start: 8/29/13 End: 8/30/13

Well Specifications:

Location Description: W/S/O Gould Street
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-MK18
Project: 135534
Page 1 of 1
LOGGED BY: M. Owens

Depth	Engineering Properties: Density/Consistency	Moisture	Plasticity	Cohesiveness	Transmissivity	1º Description: Color	Boulder %	Cobble %	Gravel %	Sand %	Silt %	Clay %	USCS Classification	2º 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	NP	NC	H	10YR5/4	5	10	15	50	20	0	SM		PG	R	Mx	B-80 A-20	MU	FIV	G	0.0	
5																						4.6	
	MD	M	NP	NC	H	10YR5/4		5	15	80	0	0	SP		PG	A-R	M	80-B A-20	MU	FIV	G		
	MD D	M	NP	NC	H	10YR5/4	30	10	5	35	20		SM		PG	R-A	M	80-B 20-A	MU	FIV	G		
10																						26.2	
	D-MD	M	NP	NC	H	10YR 6/1	1	10	30	44	15		SP		PG	R-A	M	80-B 20-A	MU	FIV	G		
15																						10.3	
	D	M	NP	NC	H-M	10YR5/4			30	50	20		SM		PG	R-A	M	B-100	MU	FIV	G		
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" Asphalt, 12" Road Base
22" - 5'
Yellowish Brn Silty Sand w/ Grav./Cobbles/Bldrs
F-C Angular Sand F-C Rounded Gravel, Rounded
Cobbles & Rounded Boulders (to 6" & 18" Respectively)
5-7 Yell Br PGS w grav & Cobb, F-C-Ang Sand
SA-Gravel - R Gravel (to 3"), Round Cobbles to 4-5"
7-10 Gray Silty Sand w/ Cobbles/Boulders, F-C Angular
Sand, Trace F-Gravel to 2", Cobbles (to 4"),
Boulders. Boulders & Cobbles are Supported by Sm Matrix
10-15 PGS w/Grav, Cobb, Bldr, F-C Angular Sand,
F-C Gravel (to 3") Round, Subrnd, Cobbles to 5", Bldrs
to ? (6"-12")
Basalt Bld @ 14'
15-16 Yell Br Silty Sand w Gravel, F-C Ang Sand,
F-C Rnd-Subrnd gravel to 3". Gravel is Supported
by tight Sm matrix.

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