VP 08

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

OFFICE USE ONLY
Log No. 119600
Permit No.
Basin 087

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. 70770

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

ADDRESS AT WELL LOCATION ALLEY SOUTH OF ARROYO
EAST OF HOLCOMB RENO, NV
Subdivision Name: County: WASHOE

2. LOCATION NW ¼ SW ¼ Sec 13 T 19 N S R 19 E
PERMIT/WAIVER No. RIGHT OF WAY
Issued by Water Resources Parcel No.

Latitude 39° 30' 44.58"
Longitude 119° 48' 18.12"
UTM E ☐ NAD 27
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 ATTATCHED LITH LOG				
Rad 27				
39.512472°N				
119.804009°W				

Date started: 6-12, 20 13
Date completed: 6-12, 20 13

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	5

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 to ☐ Pumped ☐ Poured
☒ Cement Grout 2 to 1 ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 10 to 4 ☐ Pumped ☒ Poured
Type: 10x20 SILICA
Bentonite Chips: ☒ Yes ☐ No 4 to 2 ☐ Pumped ☒ Poured
Type: MEDIUM CHIPS

7. Water Level
Static water level: 0 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)

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name BOART LONGYEAR
Contractor
Address 7103 W. AUGUSTA AVE
Contractor
GLENDALE, AZ
Nevada contractor's license number issued by the State Contractor's Board 0021976
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2434 M
Signed K L. Phelps
By driller performing actual drilling on-site or contractor
Date 6-15-13

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2013 JUN 19 AM 10:36
STATE ENGINEERS OFFICE

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

(NSPO 3-08) (O) 627

Log 119t000

CTMRD PROGRAM MONITORING WELL STRATIGRAPHIC LOG

Drilling Specifications:

Drilling Contractor: Boart Longyear
Drilling Method: Sonic Rotary
Rig: 1860
Driller: Dustin
Boring Diam.: 6 in TD: 10 ft
Development Method:
Date Start: End:

Well Specifications:

Location Description: Alley S/o Arroyo
Coordinates: ft N ft E
Elevation: ft Survey Method:
Reference Pt. Description:
Well TD: ft bgs Well Diameter: in
Screen Interval: ft bgs
First Water: ft bgs Static Water at completion: ft bgs

SEAL OF WASHOE COUNTY STATE OF NEVADA

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WELL ID: ASG-VP08
Project: 132867
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LOGGED BY:

Depth	Engineering Properties: Density/Consistency	Moisture	Plasticity	Cohesiveness	Transmissivity	1st Description: Color	Boulder %	Cobble %	Gravel %	Sand %	Silt %	Clay %	USCS Classification	2nd Effects: Weathering/Oxidization	Depositional Properties: Grading	Angularity	Matrix/Clast-Supported	Clast Lithology	Sedimentary Structure	Depositional Environment	Stratigraphic Contact	Graphics: PID/Samples	Lithology
0	D	M	L-M	NC-C	L	10yr 3/3		20	20	15	40	5	ML		PG	SA-R	M	G-80 B-20	M U	Gow	G	0.4	
5	D	M	N	N	H	10yr 6/2		10	20	65	≤5		SP		PG	R-SR	M	G-20 B-60 A-20	M U	F	G	0.8	
10																							
15																							
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.

5" ASHPH, 1' AB

1'5" – 4 10yr 4/4 Sandy silt w/ Clay, gravel, cobbles and Boulders, F-C SAND, F-C gravel upto 3" SR-R, Cobbles upto 5", Large Boulders.

Cobble Composition. granite w Decomposed granite (Reduced to soil) surrounding Clasts, High plasticity Clay intermixed w/ Matrix From weathered feldspar in granite parent Rock/soil.

4-10 Light Brownish Gray Poorly Graded Sand, w/ Gravel & Cobbles. F-C SAND, F-C gravel, Rounded - Subround upto 3", Cobbles upto 4". poorly graded Larger Cobbles @ 10', Trace silt