VP-11

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

OFFICE USE ONLY
Log No. 119601
Permit No.
Basin 08D

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
ADDRESS AT WELL LOCATION ALLEY S OF ARROYO
RENO, NV
Subdivision Name: County:

2. LOCATION NW¼ 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 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				
NAD 27 39.512477°N 119.804009°W				

Date started: 6-14, 20 13
Date completed: 6-14, 20 13

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)

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 10 feet to 5 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

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name BART LONGYEAR
Contractor
Address 7103 W. AUGUSTA AVE
Contractor
GLEN DALE, 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
By driller performing actual drilling on-site or contractor
Date 6-15-13

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USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 05-06)

Log 11 Good

CTMRD PROGRAM MONITORING WELL STRATIGRAPHIC LOG

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ENGINEERS OFFICE

WELL ID: ASG-VP11
Project: 132867
Page 1 of 1

Drilling Specifications:

Drilling Contractor: Boart Longyear
Drilling Method: Sonic
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: 9.76 ft bgs Well Diameter: 2 in
Screen Interval: 9.76-4.76 ft bgs
First Water: ft bgs Static Water at completion: ft bgs

LOGGED BY: M. Owens

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	Lithology	Description
0																								6.5" Concrete / 1'-3/4" AB
1	MD	M	N	N	L	10yr 4/4			15	25	60		ML		PG	SR K	M	G-40 B-40 A-20	M U	GOW	S			18.5-2 DARK yellowish Brown SANDY silt w gravel
2/3	L	M	N	N	H	10yr 4/4			15	85			SP		PG	SR SA	M		MU	F		34.6		2-6 DARK yellowish Brn Poorly graded SAND, w/ Gravel, F-C SAND, Fine-coarse gravel upto 2", Angular F-gravel, R-coarse gravel.
4																								
5																								
6																								
7/8	MD	M	N	N	L	10yr 5/1		5	40	25	30		GP		PG	SR-SA	C	G-20 B-60 A-20	MU	GOW F				6-7.5 yellowish Brown poorly graded gravel w/ sandy silt, F-C sand, F-C subAng-Round gravel.
9	MD D	M	N	N	M	10yr 5/6		5/5	40	35	20		GP		PG	SR-SA	C	R-20 B-80	MU	GOW F		1.8		7.5-10 yellowish Br. PGG w/ silty sand, F-C sand w/ cobbles, F-C Subangular gravel upto 2", Rounded cobbles upto 5"
10/20																								
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.