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

OFFICE USE ONLY
Log No. ~~116802~~ 116802
Permit No.
Basin No. 087

PRINT OR TYPE IN BLACK INK 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. 69067
WELL NAME *(If applicable)*: IP-11

1. OWNER/CLIENT NAME Antea Group
MAILING ADDRESS 3855 Precision Drive Suite 160
Loveland, CO 80538

DETAILED ADDRESS AT WELL LOCATION Facility ID: 4-000013
2240 Victorian Ave. Sparks, NV
Subdivision Name: *County:* Washoe

2. PLS LOCATION SE ¼ SE ¼ 6 Sec 19N N/S 20 E
PERMIT/WAIVER NO. 032-022-40
Issued by Water Resources *Current Parcel No.*

Latitude 39 32.143' N UTM E ☐ NAD 27
Longitude 119 46.468' W UTM N ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Deepen: Orig WL#
☐ Replacement: Original well log #
☐ Recondition: Original well log #

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☒ Monitor
☐ Mining / Dewater ☐ Com / Ind ☐ Stock
☐ Test / Other ☐ Mun / QM ☐ Rec

5. WELL TYPE
☐ Auger ☐ Rotary ☐ RVC
☐ Air ☐ Mud ☒ Sonic
☐ Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To	Thickness
Sand Cobbles			0	5	5
Light brown gravely			5	10	5
sand					
Gravely sand cobbles			10	33	23

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NAD27
39.535806° N
119.773444° W

Date started: 6-May, 20 13
Date completed: 7-May, 20 13

9. WELL CONSTRUCTION
Depth Drilled: 33 Feet Depth Cased: 32 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6	Inches	0	Feet	33	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2	0.682	.154	0	32

PERFORATIONS:
Type of perforation: Slot
Size of perforation: 0.02
From 27 Feet To 32 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

☐ Sanitary Seal		to		
☐ Neat Cement		to	☐ Pumped	☐ Poured
☒ Cement Grout	1	to 21	☐ Pumped	☒ Poured
☐ Concrete Grout		to	☐ Pumped	☐ Poured
☒ Bentonite Chips	21	to 26	☐ Pumped	☒ Poured
☐ Bentonite Grout		to	☐ Pumped	☐ Poured
☐ 15 % ☐ 20 % ☐ Other, explain:				
☐ Gravel Pack [> 0.2 in.]		to	☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	26	to 33	☐ Pumped	☒ Poured
☐ Other, explain:		to	☐ Pumped	☐ Poured

7. WATER QUALITIES
Static water level: 33 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: ° Fahrenheit
Water Quality:

8. WELL TEST DATA
Test Method: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Cascade Drilling, L.P.
Contractor
Address 3000 Duluth Street West Sacramento, CA 95691
Contractor

Nevada contractor's license number as issued by the *State Contractor's Board*: 73966
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller)*: 2425

Signed:
By driller performing actual drilling on site or contractor
Date: 6·05·2013

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY