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

OFFICE USE ONLY
Log No. 111564
Permit No. –
Basin 108

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. 35091

1. OWNER ARC / Arimetco Inc
MAILING ADDRESS 2700 E Executive Dr., Ste 100, Tucson, AZ 85706

ADDRESS AT WELL LOCATION NA - Yerington Mine Site
Subdivision Name: NA County: Lyon

2. LOCATION NW ¼ SW ¼ Sec 4 T 13N N/S R 25 E
PERMIT/WAIVER No. NA 014-401-06
Issued by Water Resources Parcel No.

Latitude 39d 4' 12.1"
Longitude 119d 10' 40.5"
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 Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Fill Materials - fine grained w/		0	15	15
sands				
Clayey Sands	X	15	55	40
PW2-P 2				
EPA # : 9-2007-0005				

Date started: 9-Mar , 20 10
Date completed: 10-Mar , 20 10

9. WELL CONSTRUCTION
Depth Drilled 55 Feet Depth Cased 52 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8	Inches	0	Feet	55	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.4	0.70	0.154 - Sch 40	0	32

Perforations:
Type of perforation machine slotted
Size of perforation 0.020"
From 32 feet to 52 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 20	☐ Pumped	☒ Poured
☐ Concrete Grout		to	☐ Pumped	☐ Poured
☒ ≥30% Bentonite Grout	20	to 28	☐ Pumped	☒ Poured

Gravel Pack: ☒ Yes ☐ No 30 to 55 ☐ Pumped ☒ Poured
Type: 10-20 Sand
Bentonite Chips: ☒ Yes ☐ No 28 to 30 ☐ Pumped ☒ Poured
Type: Med Chips

7. Water Level
Static water level: ~ 30 feet below land surface
Artesian Flow: No G.P.M. NA P.S.I.
Water Temperature: NA °F
Quality: NA

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

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

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name David Messina (Contractor)
Address P.O. Box 801, Gilbert, AZ 85299 (Contractor)
Nevada contractor's license number 58304-A
issued by the State Contractor's Board ~~0053804-A~~
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M-2378
Signed (By driller performing actual drilling on site or contractor)
Date 8/13/2010

(Rev. 06-00)
USE ADDITIONAL SHEETS IF NECESSARY

PLO.