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

**OFFICE USE ONLY**
Log No. 111560
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
Latitude 39d 58' 50.1"
Longitude 119d 10' 10.2"
UTM E N
☐ NAD 27 ☒ NAD 83/WGS 84
PERMIT/WAIVER No. NA (Issued by Water Resources) 014-401-06 (Parcel No.)

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/ sands | | 0 | 15 | 15 |
| Clayey Sands | X | 15 | 50 | 35 |
| PW1-P 1 | | | | |
| EPA # : 9-2007-0005 | | | | |

Date started: 12-Mar, 20 10
Date completed: 13-Mar, 20 10

9. WELL CONSTRUCTION
Depth Drilled 50 Feet Depth Cased 48.5 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 8 | Inches | 0 | Feet | 50 | 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 | 28.5 |

Perforations:
Type of perforation machine slotted
Size of perforation 0.020"
From 28.5 feet to 48.5 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 | 0 to 24 | | ☐ Pumped | ☒ Poured |
| ☐ Concrete Grout | to | | ☐ Pumped | ☐ Poured |
| ☐ ≥30% Bentonite Grout | to | | ☐ Pumped | ☒ Poured |

Gravel Pack: ☒ Yes ☐ No 26 to 50 ☐ Pumped ☒ Poured
Type: 10-20 Sand
Bentonite Chips: ☒ Yes ☐ No 24 to 26 ☐ Pumped ☒ Poured
Type: Med Chips

7. Water Level
Static water level: ~ 22 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. 05-08)

**USE ADDITIONAL SHEETS IF NECESSARY**

Pro.