STATE OF NEVADA
DIVISION OF WATER RESOURCES

# WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 111573
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. 35092

1. OWNER ARC / Desert Pearl Farms, LLC
MAILING ADDRESS P.O. Box 35 Yerington, NV 89447

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

2. LOCATION SE ¼ SE ¼ Sec 5 T 13N N/S R 25 E
PERMIT/WAIVER No. NA (Issued by Water Resources) 014-407-20 Parcel No.

Latitude 39d 1' [illegible]" Longitude 119d 12' [illegible]"
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 Material - fine grained w/ sands | | 0 | 15 | 15 |
| Clayey Sands | X | 15 | 55 | 40 |
| PW5 - P 2 | | | | |
| EPA # : 9-2007-0005 | | | | |

Date started: 26-Feb , 20 10
Date completed: 27-Feb , 20 10

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 | |

9. WELL CONSTRUCTION
Depth Drilled 55 Feet Depth Cased 54 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 | 34 |

Perforations:
Type of perforation Machined Slotted
Size of perforation 0.020"
From 34 feet to 54 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 20 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout 20 to 30 ☐ Pumped ☒ Poured
Gravel Pack: ☒ Yes ☐ No 32 to 55 ☐ Pumped ☒ Poured
Type: 10 - 20 Sand
Bentonite Chips: ☒ Yes ☐ No 30 to 32 ☐ Pumped ☒ Poured
Type: Med Chips

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 issued by the State Contractor's Board 58304-A ~~0053804-A~~
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M - 2378

Signed [signature] (By driller performing actual drilling on site or contractor)
Date 13-Aug

(Rev. 05-09)

USE ADDITIONAL SHEETS IF NECESSARY