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

OFFICE USE ONLY
Log No. 120017
Permit No. 83157T
Basin No. 109

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. 70179
WELL NAME *(If applicable)*:

1. OWNER/CLIENT NAME Desert Pearl Farms LLC.
MAILING ADDRESS PO Box 35 Yerington, NV 89447

DETAILED ADDRESS AT WELL LOCATION MacKenzie Well
Subdivision Name: County: Lyon

2. PLS LOCATION NW ¼ SW ¼ 12 Sec 12 N/S 25 E
PERMIT/WAIVER NO. 83157-T (Issued by Water Resources) 4-677 (Current Parcel No.)

Latitude 38* 54.861 N UTM E ☐ NAD 27
Longitude 119* 08.474 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
Top Soil			0'	2'	2'
Sand, Gravel some			2'	10'	8'
Clay					
Sand, Gravel, Clay			10'	80'	70'
and Cobbles					
Sand and Gravel			80'	375'	295'
with small Clay layers					
3" Gravel feed pipe					
was installed from					
+1.5'*105'					
Nad 27					
38.914433°N					
119.1402450°W					

Date started: 21-Apr, 20 14
Date completed: 24-Apr, 20 14

9. WELL CONSTRUCTION
Depth Drilled: 375' Feet Depth Cased: 360' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36"	Inches	0'	Feet	30'	Feet
28"	Inches	30'	Feet	375'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30"		.250"	0'	30'
16"		.250"	+2'	120'
16"		.312"	120'	360'

PERFORATIONS:
Type of perforation: Standard Flo Louvered
Size of perforation: 0.090"
From 120' Feet To 360' Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

☒ Sanitary Seal	0' to 30'			
☐ Neat Cement	0' to 100'	☒ Pumped	☐ Poured	
☒ Cement Grout	to	☐ Pumped	☐ Poured	
☐ Concrete Grout	to	☐ Pumped	☐ Poured	
☐ Bentonite Chips	to	☐ Pumped	☐ Poured	
☐ Bentonite Grout	to	☐ Pumped	☐ Poured	
☐ 15 % ☐ 20 % ☐ Other, explain:				
☒ Gravel Pack [> 0.2 in.]	100' to 375'	☐ Pumped	☒ Poured	
☐ Sand Pack [< 0.2 in.]	to	☐ Pumped	☐ Poured	
☐ Other, explain:	to	☐ Pumped	☐ Poured	

7. WATER QUALITIES
Static water level: 57.8' Feet below land surface
Artesian Flow: No G.P.M. 0 P.S.I.
Water Temperature: Cool ° Fahrenheit
Water Quality: N/A

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

	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
Constant	1450	104.9'	7.5 Hours

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Stonehouse Drilling, LLC. (Contractor)
Address 7801 Lakeside Drive Reno, Nevada 89511 (Contractor)
Nevada contractor's license number as issued by the *State Contractor's Board:* 0069994
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* # 2177
Signed: (By driller performing actual drilling on site or contractor)
Date: 04/29/14

(Rev. 08-12)
USE ADDITIONAL SHEETS IF NECESSARY