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

OFFICE USE ONLY
Log No. 121679
Permit No. 19667
Basin No. 108

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. 72173
WELL NAME *(If applicable)*: Frade

1. OWNER/CLIENT NAME Desert Pearl Farms, LLC.
MAILING ADDRESS P.O. Box 35 Yerington, Nevada 89447

DETAILED ADDRESS AT WELL LOCATION Frade South Well Location
Subdivision Name: *County:* Lyon

2. PLS LOCATION SE ¼ SE ¼ 23 Sec 13 N/S 25 E
PERMIT/WAIVER NO. 19667 *Issued by Water Resources* *Current Parcel No.*

Latitude 38° 58.118 N UTM E ☐ NAD 27
Longitude 119° 8.817 W UTM N ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☐ New Well ☐ Deepen: Orig WL#
☒ Replacement: Original well log # 5811
☐ 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 & Gravel			0'	121'	121'
Sand & Gravel with some Cobbles			121'	135'	14'
Clay with Sand, Gravel, and Cobbles			135'	200'	35'
Sand and some small Gravels			200'	285'	85'
Sand and Gravel with some Cobbles			285'	329'	44'
Sand and Gravel with Clay layers			329'	364'	35'
Sand and Gravel			364'	387'	23'
Sand and Clay layers			387'	465'	78'
Sanda and Gravel with some Cobbles			465'	470'	5'
NAD 27					
38.968716°N					
119.145961°W					

Date started: 1-Feb , 20 15
Date completed: 3-Feb , 20 15

9. WELL CONSTRUCTION
Depth Drilled: 470' Feet Depth Cased: 470' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36"	Inches	0'	Feet	30'	Feet
28"	Inches	30'	Feet	470'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30"		.250"	0'	30'
20"		.375"	+2'	470'
3.5"		Sch. 40	+2'	110'

PERFORATIONS:
Type of perforation: Louvered Standard Flow
Size of perforation: 0.090"
From 150' Feet To 470' 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 470' ☐ Pumped ☒ Poured
☐ Sand Pack [< 0.2 in.] to ☐ Pumped ☐ Poured
☐ Other, explain: to ☐ Pumped ☐ Poured

7. WATER QUALITIES
Static water level: 28.6' 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	3,500	49.4'	1 Hour

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Stonehouse Drilling and Construction, LLC. *Contractor*
Address 7801 Lakeside Drive Reno, NV 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: Z. Tomanis - Admin *By driller performing actual drilling on site or contractor*
Date: 02.03.15

(Rev. 08-12)
USE ADDITIONAL SHEETS IF NECESSARY
Replacing Well log 5811