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

OFFICE USE ONLY
Log No. 121803
Permit No. 30439
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. 72172
WELL NAME *(if applicable)*:

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

DETAILED ADDRESS AT WELL LOCATION Quilici Well
Subdivision Name: *County:* Lyon

2. PLS LOCATION SE ¼ NW ¼ 26 Sec 13 N/S 25 E
PERMIT/WAIVER NO. 30439 *Issued by Water Resources* *Current Parcel No.*

Latitude 38* 57.698 N UTM E ☐ NAD 27
Longitude 119* 9.542 W UTM N ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☐ New Well ☐ Deepen: Orig WL#
☒ Replacement: Original well log # 16450
☐ 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
Silty Clay			0'	23'	23'
Sand and Gravel			23'	27'	4'
Sand and Gravel with			27'	46'	19'
Clay Layers					
Sand and Gravel			46'	160'	114'
Sand and Gravel with			160'	200'	40'
Cobbles					
Dark Gray Clay			200'	213'	13'
Sand and Gravel			213'	250'	37'
Clay			250'	274'	24'
Sand and Gravel with			274'	300'	26'
some Cobbles					
Clay			300'	315'	15'
Sand and Gravel			315'	378'	63'
Cemented Sand and			378'	470'	92'
Gravels					
Sand with some Gravel			470'	497'	27'
Sand and Gravel with			497'	530'	33'
some Clay Layers					
NAD27					
38.961716°N					
119.157747					

Date started: 3-Feb , 20 15
Date completed: 6-Feb , 20 15

9. WELL CONSTRUCTION
Depth Drilled: 530' Feet Depth Cased: 520' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36"	Inches	0'	Feet	30'	Feet
28"	Inches	30'	Feet	530'	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'	520'
3.5"		Sch. 40	+2'	110'

PERFORATIONS:
Type of perforation: Louvered Standard Flo
Size of perforation: 0.090"
From 160' Feet To 520' Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

☒ Sanitary Seal		to		
☐ Neat Cement	0'	to 30'	☒ Pumped	☐ Poured
☒ Cement Grout	0'	to 100'	☒ 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 530'	☐ Pumped	☒ Poured
☐ Sand Pack [< 0.2 in.]		to	☐ Pumped	☐ Poured
☐ Other, explain:		to	☐ Pumped	☐ Poured

7. WATER QUALITIES
Static water level: 34.7' 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	3,300	78.8'	2 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 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: [signature] *By driller performing actual drilling on site or contractor*
Date: 2.19.15

RECEIVED FEB 19 2015 NEVADA ENGINEER

(Rev. 06-12) **USE ADDITIONAL SHEETS IF NECESSARY**

Replaces well log 16450