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

OFFICE USE ONLY
Log No. 119552
Permit No. 68004 / 68006
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. 67085 ✓
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 AHLSWEDE WELL
125 FARRELL LANE
Subdivision Name: *County:* Lyon

2. PLS LOCATION SW ¼ SE ¼ 8 Sec 14 N/S 25 E
PERMIT/WAIVER NO. 68004/68006 (*Issued by Water Resources*) 014-181-02 (*Current Parcel No.*)

Latitude 39* 05.086 N UTM E ☐ NAD 27
Longitude 119* 12.516 W UTM N ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☐ New Well ☐ Deepen: Orig WL#
☒ Replacement: Original well log # # 6857
☐ 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'	5'	5'
SAND AND GRAVEL			5'	45'	40'
BROWN CLAY			45'	100'	55'
SAND AND GRAVEL			100'	360'	260'
WITH SMALL CLAY					
LAYERS					
GRAY CLAY			360'	375'	15'
SAND AND GRAVEL			375'	410'	35'
GRAY CLAY			410'	420'	10'
SAND AND GRAVEL			420'	520'	100'
GRAY CLAY			520'	540'	20'
SAND AND GRAVEL			540'	570'	30'
GRAY CLAY			570'	590'	20'
	Nad 27				
	39.0548417 N				
	119.2076122 W				
	Replaces log (685)				

Date started: 20-Mar , 20 13
Date completed: 23-Mar , 20 13

9. WELL CONSTRUCTION
Depth Drilled: 590' Feet Depth Cased: 580' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36"	Inches	0'	Feet	590'	Feet
28"	Inches	+2'	Feet	580'	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'	580'
3"		SCH. 40	+2'	115'

PERFORATIONS:
Type of perforation: AG FLO LOUVERED
Size of perforation: 0.090"
From 140' Feet To 580' 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 590'		☐ Pumped	☒ Poured
☐ Sand Pack [< 0.2 in.]	to		☐ Pumped	☐ Poured
☐ Other, explain:	to		☐ Pumped	☐ Poured

7. WATER QUALITIES
Static water level: 53.4' Feet below land surface
Artesian Flow: NO G.P.M. 0 P.S.I.
Water Temperature: COOL ° Fahrenheit
Water Quality:

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

	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
CONSTANT	4,000	71.60'	5 HOURS

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Hydro Resources-West, Inc. (Contractor)
Address 4975 W. Winnemucca Blvd. Winnemucca, NV 89445 (Contractor)

Nevada contractor's license number as issued by the *State Contractor's Board:* 56797
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* # 2177

Signed: Michelle Strother (By driller performing actual drilling on site or contractor)
Date: 4/8/13

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY