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A. GENERAL INFORMATION

Exam Date: 4/23/2007

1. Current Owner: YOUNG LIVING LAVENDER FARM
3125 W EXECUTIVE PKWY
LEHI UT 84043
(801) 418-9000
2. Accompanied by: LOUIS NAJERA-MONTEJO
Phone No: (208) 245-2745
Address: 701 NORTH FORK COON CREEK ROAD, ST. MARIES, ID, 83861
Relationship to Permit Holder: EMPLOYEE

- ## B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER SW1/4NW1/4 Sec. 28, Twp 46N, Rge 03W, B.M.
BENEWAH County

Method of Determination: GPS

2.

PLACE OF USE: COMMERCIAL

[illegible]

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Method of Determination:

3. ☐ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion</u>						<u>Pump Serial No. or Discharge</u>
<u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Size</u>	
272403						

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement</u>						
<u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>

2. Measurements:

Verbal
3 hours to fill 2500 gallon tank

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

$$\frac{2500}{180} = 14 \text{ gpm} = 0.03 \text{ cfs}$$

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F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses:

$$\frac{200,000 \text{ gal}}{325,850} = 0.6 \text{ AFA at distillery}$$

$$14 \text{ gpm} \times 40 \text{ hours/week} = 560 \text{ gal/week} \times 52 = \frac{29,120 \text{ gal/year}}{325,982} = 0.1 \text{ AFA for Shop \& Office}$$

$$0.6 + 0.1 = 0.7 \text{ AFA total}$$

G. NARRATIVE/REMARKS/COMMENTS

THE GROUNDWATER WELL IS USED TO FILL THREE 2500 GAL. TANKS. THE WELL CAN FILL 1 TANK IN ABOUT 3 HOURS. THE WATER IS THEN USED FOR THE HEATING AND COOLING OF THE DISTILLERY. ACCORDING TO THE WELL DRILLERS REPORT THE WELL CAN PRODUCE ABOUT 75 GPM.

NOTE

THE APPLICANTS EMPLOYEE CALLED HEADQUARTERS TO FIND THE ANUAL VOLUME FOR THE DISTILLERY WHICH THE ENGINEER STATED THAT IT IS ESTIMATED AT 200,000 GALLONS PER YEAR.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE	ANNUAL VOLUME
COMMERCIAL	01/01 to 12/31	0.030 CFS	
Totals:		0.030 CFS	0.70 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

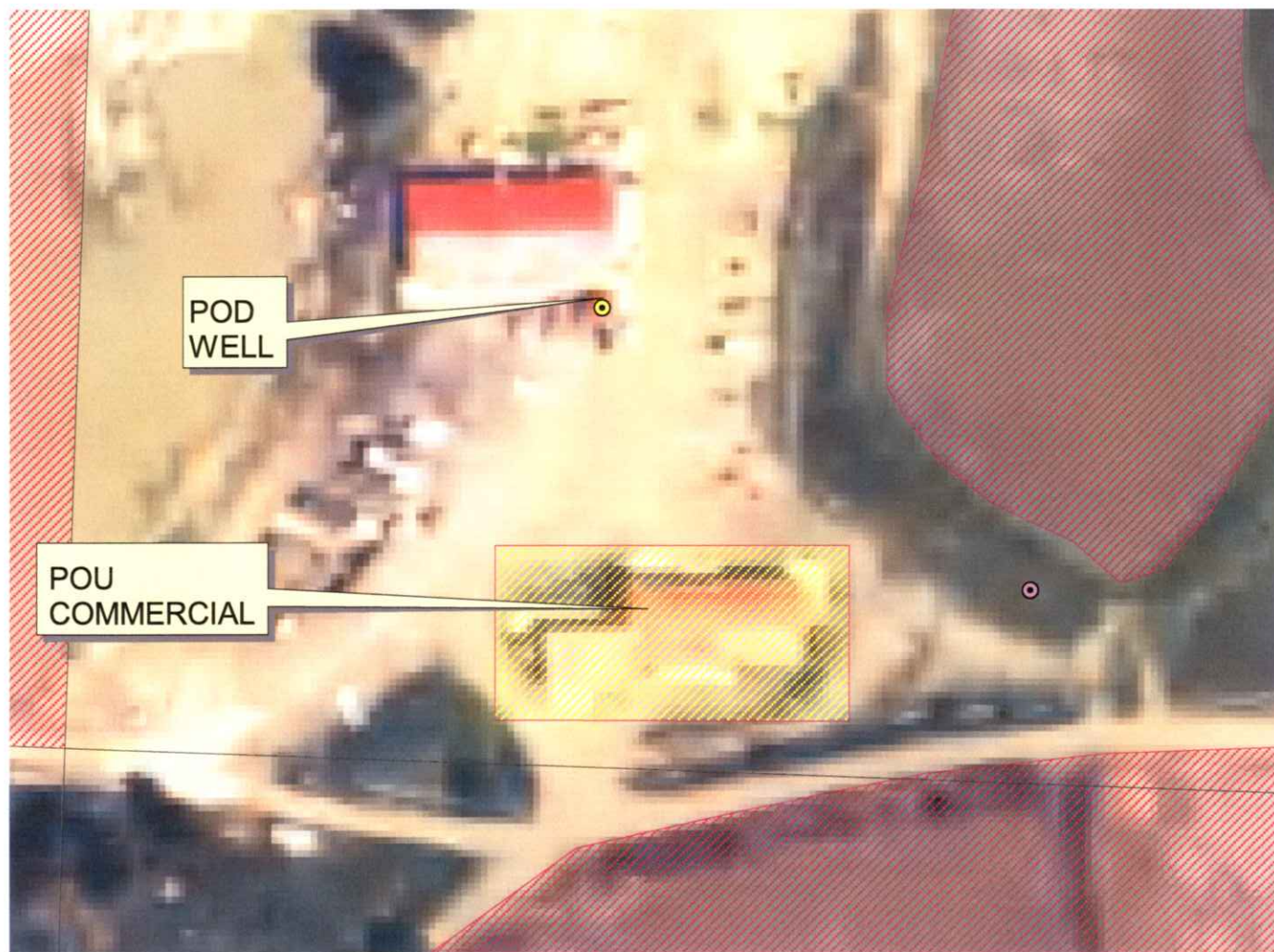
I. AUTHENTICATION

Field Examiner's Name Chad H Goodwin Date 5-30-07

Reviewer [Signature] Date 5/30/07

SCANNED
MAY 30 2007

95-9011



0.03 0 0.03 0.06 Miles

-  GCDB46N03W GCDB
-  Right POD
-  Right POU
-  Administrative BasinsAdminbas.shp



95-9011

SCANNED

MAY 30 2007

	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
$Q = \text{HP} \times 8.8 \times \text{Eff} / H$	7.5	418.7755	0.7	280	60

Q = 0.110 cfs

Form 143-7
3/95

RECEIVED

JUL 21 1997



IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

096875

Office Use Only
Inspected by _____
Twp _____ Rge _____ Sec _____
1/4 _____ 1/4 _____ 1/4 _____
Lat: _____ Long: _____

SCANNED

MAY 30 2007

1. DRILLING REGION NO. 95-97N-68
Other IDWR No. _____

2. OWNER:

Name MONTY HOLMES
Address HC01 Box 82A
City ST MARIES State ID Zip 83861

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N
W
E
S

Twp. 46 North ☒ or South ☐
Rge. 3 East ☐ or West ☒
Sec. 28 1/4 SW 1/4 N 1/4 SW 1/4
Gov't Lot _____ County BENEFIT
Lat: _____ Long: _____
Address of Well Site Take Benefit Rd
approx 5 m take Benefit Rd on corner City ST MARIES
Creek Rd approx 4 miles up
Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		
<u>Benokite</u>	<u>0</u>	<u>32</u>	<u>300</u>		<u>Poured</u>

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 32
Was drive shoe seal tested? ☒ Y ☐ N How? Air

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>6</u>	<u>+1</u>	<u>32</u>	<u>.25</u>	<u>Steel</u>	☒	☐	☒	☐
<u>5</u>	<u>1</u>	<u>500</u>	<u>188</u>	<u>Steel</u>	☐	☒	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☒ Perforations Method Torch
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>1</u>	<u>500</u>	<u>5/16</u>	<u>80</u>	<u>5"</u>	<u>Steel</u>	☐	☒

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

2 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
<u>Est. 75 gal</u>	<u>By Air Lift</u>		

Water Temp. Cold Bottom hole temp. Cold

Water Quality test or comments: good

Depth first Water Encountered _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>8</u>	<u>0</u>	<u>3</u>	<u>Top Soil</u>		☒
<u>8</u>	<u>3</u>	<u>15</u>	<u>gray clay</u>		☒
<u>8</u>	<u>15</u>	<u>22</u>	<u>Broken Basalt</u>		☒
<u>8</u>	<u>22</u>	<u>32</u>	<u>hard Basalt</u>		☒
<u>6</u>	<u>32</u>	<u>80</u>	<u>hard Basalt</u>		☒
<u>6</u>	<u>80</u>	<u>110</u>	<u>Broken Basalt</u>	☒	
<u>6</u>	<u>110</u>	<u>260</u>	<u>Hard Basalt</u>		☒
<u>6</u>	<u>260</u>	<u>280</u>	<u>Hard tan clay</u>		☒
<u>6</u>	<u>280</u>	<u>300</u>	<u>Fractured Basalt</u>	☒	
<u>6</u>	<u>300</u>	<u>430</u>	<u>mixed shale</u>	☒	
<u>6</u>	<u>430</u>	<u>470</u>	<u>Broken Basalt shale</u>	☒	
<u>6</u>	<u>470</u>	<u>490</u>	<u>hard blue shale</u>		☒
<u>6</u>	<u>490</u>	<u>510</u>	<u>Mixed Shale</u>		☒

Completed Depth 510 (Measurable)

Date: Started 7-13-97 Completed 7-14-97

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Precision Drilling Firm No. 558

Firm Official Juan Garman Date 7/15/97

and _____

Supervisor or Operator Juan DC Date 7/15/97

(Sign once if Firm Official & Operator)

NWSW 28 46N 3W

IDAHO DEPARTMENT OF WATER RESOURCES



disconnected pipe for filling pond



distillery



pipe for filling pond



pipng in well house



pressure of system
60psi



pressure tanks



well head



well house

SCANNED
MAY 30 2007



Distillery











10 29 2002





