

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 87-10083
Exam Date: 7/20/2016

1. Current Owner:
GREGORYS CUSTOM SAUSAGE 3025 HWY 8 E MOSCOW ID 83843 And/Or

PATSY GREGORY 3025 HWY 8 E MOSCOW ID 83843 And/Or

TERRY GREGORY 3025 HWY 8 E MOSCOW ID 83843
2. Accompanied by: In house exam
Phone No:
Address:
Relationship to Permit Holder:

3. **SOURCE:**
GROUND WATER

TRIBUTARY:

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NA
2. Other water rights with the same point-of-diversion: NA

C. DIVERSION AND DELIVERY SYSTEM

Water will be pumped from well to interior of small meat processing building.

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER NE¼SW¼ Sec. 15, Twp 39N, Rge 05W, B.M. LATAH County

Method of Determination: Application

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
39N	05W	15										X							

Method of Determination: Application map

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.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
87-70-N-9					

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. FLOW

_____ Additional Computation Sheets Attached

CALCULATIONS

Measured Method:

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: Domestic Use less than 2500 gallons per day. $2500 \times 365/325,850 = 2.8$ af**G. NARRATIVE/REMARKS/COMMENTS:**

DOMESTIC USE: Confirmed dwelling on site for identified owner by Latah County Assessor page, ArcMap Aerial photo (2015) Parcel # RP39N05W154815 Well log attached

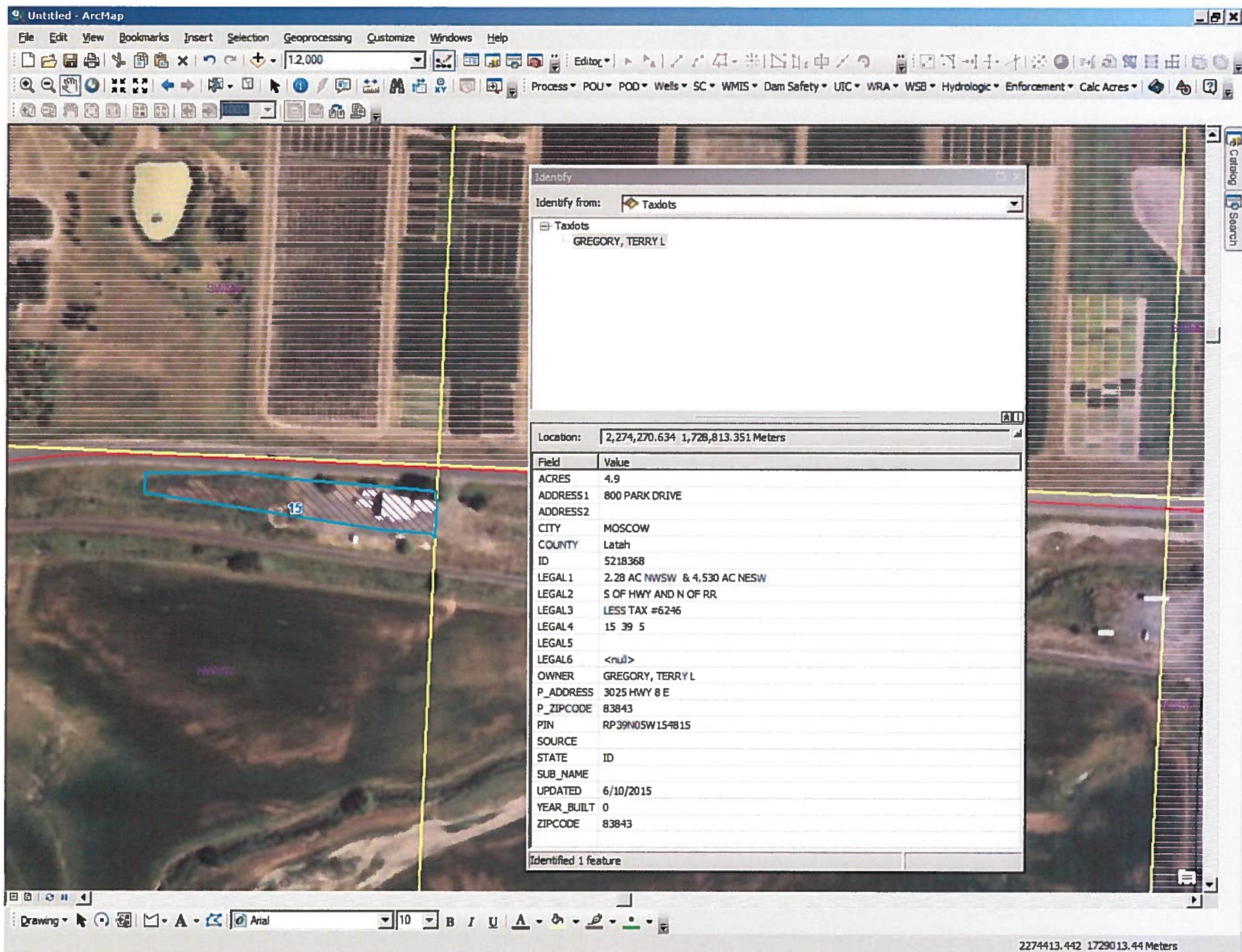
Have conditions of permit approval been met? ☒ Yes ☐ No**H. RECOMMENDATIONS****1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.04 CFS	2.8 AF
	<u>Totals:</u>	0.040 CFS	2.80 AF

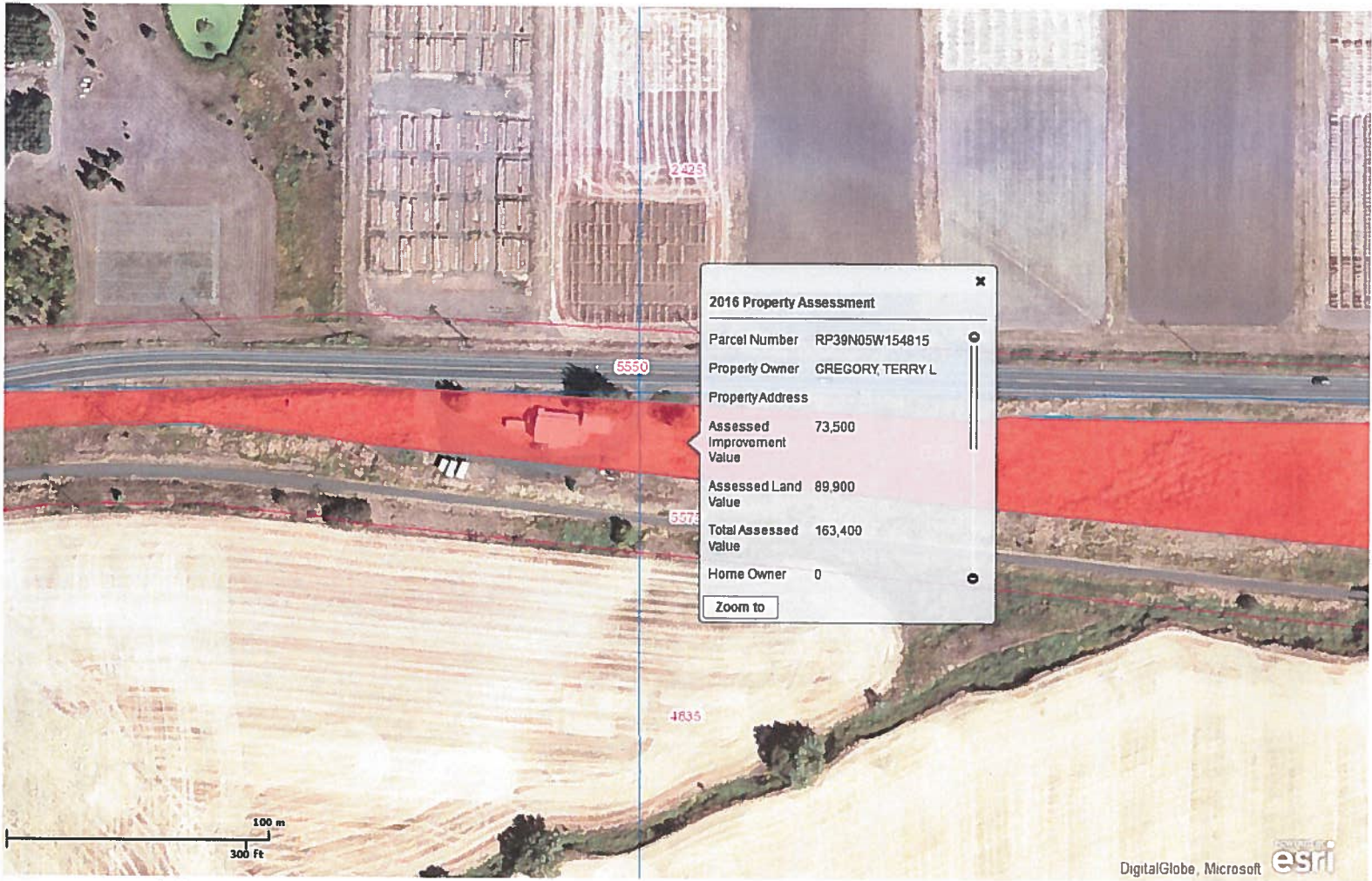
2. Recommended Amendments_____ Change P.D. as reflected above _____ Add P.D. as reflected above ☒ None_____ Change P.U. as reflected above _____ Add P.U. as reflected above ☒ None**I. AUTHENTICATION**

Field Examiner's Name Jan Hersley Date 7-20-16

Reviewer Daniel A. Niles Date 7-22-16



Gregory Property



Wed Jul 20 2016 03:39:11 PM.

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Reclamation

Location Corrected by IDWR To:

T39N R05W Sec. 15 NWNWSW

By: segbert 2012-04-17

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation
within 30 days after completion or abandonment of the well.

1. WELL OWNER

Name Oscar K. Nelson
Address E. 860 7th Mission Idaho
Owner's Permit No. 87-70-N-9

7. WATER LEVEL

Static water level 98 feet below land surface
Flowing? ☐ Yes ☐ No G.P.M. flow _____
Temperature _____ ° F. Quality _____
Artesian closed-in pressure _____ p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

8. WELL TEST DATA

☐ Pump ☒ Bailor ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
<u>40 g.p.m.</u>	<u>None</u>	<u>1 1/2</u>

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test
☐ Municipal ☐ Industrial ☐ Stock

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
8	0	30	Pack yellow clay a little water	X	
30	90	11	white clay		
90	100		brown clay rich wood and vegetation a little water		
100	140		very hard brown rock		X

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 8 inches Total depth 140 feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>1/2</u> inches	<u>8</u> inches	<u>1/2</u> feet	<u>140</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was a packer or seal used? ☐ Yes ☐ No
Perforated? ☐ Yes ☐ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☐ No

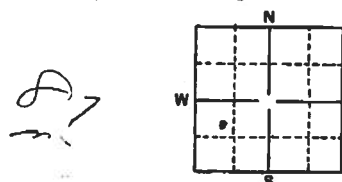
Manufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☐ No Size of gravel _____
Placed from _____ feet to _____ feet

Surface seal? ☐ Yes ☐ No To what depth 30 feet
Material used in seal ☒ Cement grout ☐ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.



County Latah
SW 1/4 SW 1/4 Sec. 15 T. 39 N. R. 5 E. W

10.

Work started Sept 30 1970 finished Oct 22, 1970

11. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is true to the best of my knowledge.

Phil Olson Well Drilling 179
Driller's or Firm's Name Number
Box 334 Ing Idaho
Address
Phil Olson Oct 23, 1970
Signed By Date

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT