

AUG 18 2000

DEPARTMENT OF WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 47-07923

1. Owner: Noh Sheep Co Laird Noh Phone No. 733-3617
Current Address: 3442 Addison Ave E Kimberly ID 83341

2. Accompanied by: John Noh EXAM DATE: Sep 7, 1999

Address: 3828 N 1000 E Castelford ID Phone No. _____

Relationship to Permit Holder: SON

3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use:

2. Other water rights with the same point of diversion:

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

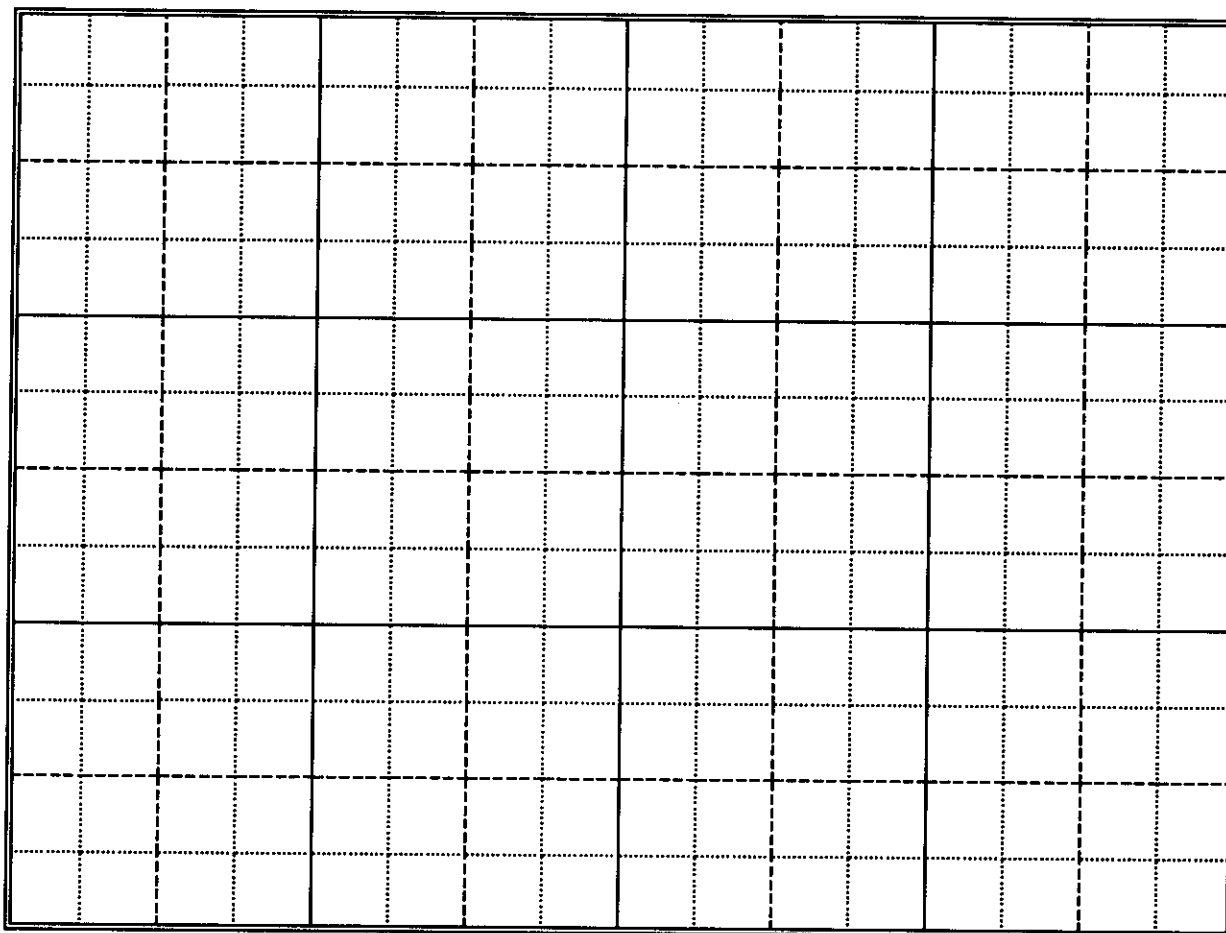
[illegible]

2. Place(s) of Use:

Indicate Method of Determination

[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	General Elec	15	5K6236XC1A		

*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
Fuji						

2. Measurements: I took a measurement with the Fuji. The measurement was taken on an open discharge system, however, the pipe was full, and the Fuji recorded a normal reading

E. NARRATIVE/REMARKS/COMMENTS

FILE: 47-07923

FROM: AMANDA FOLSOM

DATE: NOVEMBER 4, 1999

Noh Sheep Co. is owned by Laird Noh, but is operated by his son John Noh. The acres being irrigated and the sheep are located in Sec 17, Twn 10S, Rng 14E. There are 160 acres of pasture and corn being irrigated, along with 5000 sheep grazing and watered on the pasture.

The well is located in the NWSW 1/4. This well is used as a supplemental use for irrigation and watering the sheep. The well is used when the Twin Falls Canal shares are not sufficient. The water is pumped open discharge from the well to the sheep or acres by a ditch and gravity flow system.

I took a measurement from the well with the Fuji. All of the parameters were normal and the whole circumference of the pipe was full of water. I calculated 0.96cfs which I am recommending for irrigation. I am recommending the 0.30cfs for livestock which was permitted.

Have conditions of permit approval been met? ☒ yes ☐ no

F. FLOW CALCULATIONS☒ Additional Computation Sheets Attached

Measured Method:

$$\frac{430.9 \text{ gpm}}{448.83} = 0.96 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 4.0 (160) = 640$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = (0.96)(108)(1.9835) = 205.6$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 205.6$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	6-15	10-1	0.96	205.6
Stock Water	1-1	12-31	0.30	
Totals:			0.96	205.6

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. AUTHENTICATIONField Examiner's Name Amanda Folsom Date Nov 8, 1999

Reviewer _____ Date _____

SEAL

442
 435
 430
 432
 427
 429
 429
 430
 428
 427

 4309

 10

$$= \frac{430.9 \text{ gpm}}{448.83} = \boxed{0.96 \text{ cfs}}$$

No.01
 LOG NAME:NOH
 START :09-07 15:04
 END :09-07 15:13
 INTERVAL:00:01:00

 09-07 15:04:00
 +4.695E+0 ft/s
 +4.418E+2 gal/m
 +TOTAL 0000000 gal
 -TOTAL 0000000 gal
 NORMAL

 09-07 15:05:00
 +4.622E+0 ft/s
 +4.350E+2 gal/m
 +TOTAL 0000394 gal
 -TOTAL 0000000 gal
 NORMAL

 09-07 15:06:00
 +4.568E+0 ft/s
 +4.299E+2 gal/m
 +TOTAL 0000825 gal
 -TOTAL 0000000 gal
 NORMAL

 09-07 15:07:00
 +4.589E+0 ft/s
 +4.318E+2 gal/m
 +TOTAL 0001257 gal
 -TOTAL 0000000 gal
 NORMAL

 09-07 15:08:00
 +4.534E+0 ft/s
 +4.266E+2 gal/m
 +TOTAL 0001686 gal
 -TOTAL 0000000 gal
 NORMAL

 09-07 15:09:00
 +4.558E+0 ft/s
 +4.289E+2 gal/m
 +TOTAL 0002115 gal
 -TOTAL 0000000 gal
 NORMAL

 09-07 15:10:00
 +4.560E+0 ft/s
 +4.291E+2 gal/m
 +TOTAL 0002543 gal

-TOTAL 00000000 gal
NORMAL

09-07 15:11:00
+4.565E+0 ft/s
+4.296E+2 gal/m
+TOTAL 0002974 gal
-TOTAL 00000000 gal
NORMAL

09-07 15:12:00
+4.544E+0 ft/s
+4.276E+2 gal/m
+TOTAL 0003403 gal
-TOTAL 00000000 gal
NORMAL

09-07 15:13:00
+4.538E+0 ft/s
+4.271E+2 gal/m
+TOTAL 0003830 gal
-TOTAL 00000000 gal
NORMAL

Noh Sheep Company

3442 Addison Ave. East
Kimberly, Idaho 83341
(208) 733-3617



RECEIVED

AUG 18 2000

Department of Water Resources

March 7, 2000

RECEIVED

MAR 08 2000

Department of Water Resources
Southern Region

Amanda Folsom
Department of Water Resources
1341 Fillmore St., Suite 200
Twin Falls, Idaho 83301-3380

Dear Ms. Folsom:

The confusion is understandable, given the map you are using, or at least the strange area enclosed within the yellow line.

Herein is a copy of the USDA map used for crop programs which identifies the 160 acres. I have indicated the approximate location of the well.

If you need to visit about this, the phone during the legislative session is 332-1333.

Sincerely yours,

Laird Noh



Aerial Provided by Mr. Laird Noh

T10S R14E Sec17

Idaho Department of Water Resource

Recommendation for Permit 47-07923

Noh Sheep Co.

T10S

R14E



● Point of Diversion

□ Section Line

□ Quarter-quarter lines

□ Place of Use



Point of Diversion and Place of Use
T10S R14E S17

Data Entry on September 1999

Point of Diversion Presentation
1987/1988 NAPP Photography
Data Entry By: Amanda Folsom

1000 East Rd

Ditch

Ditch →

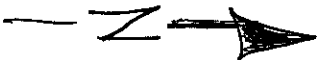
Ditch

□ Barn
□ House

□ Barn

Well
GPS Tag #
A0004834

47-07923





Looking SE'ly

Pump



Looking SE'ly

Service Pole

GPS TAG# A0004834

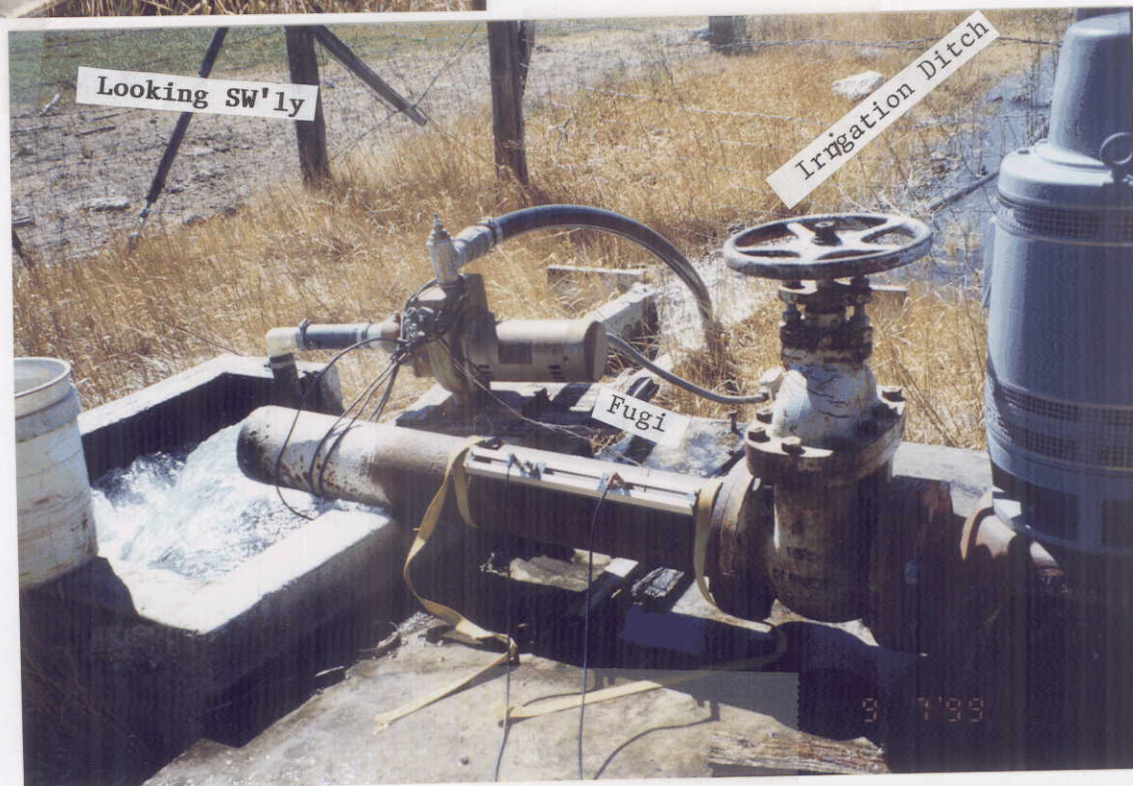
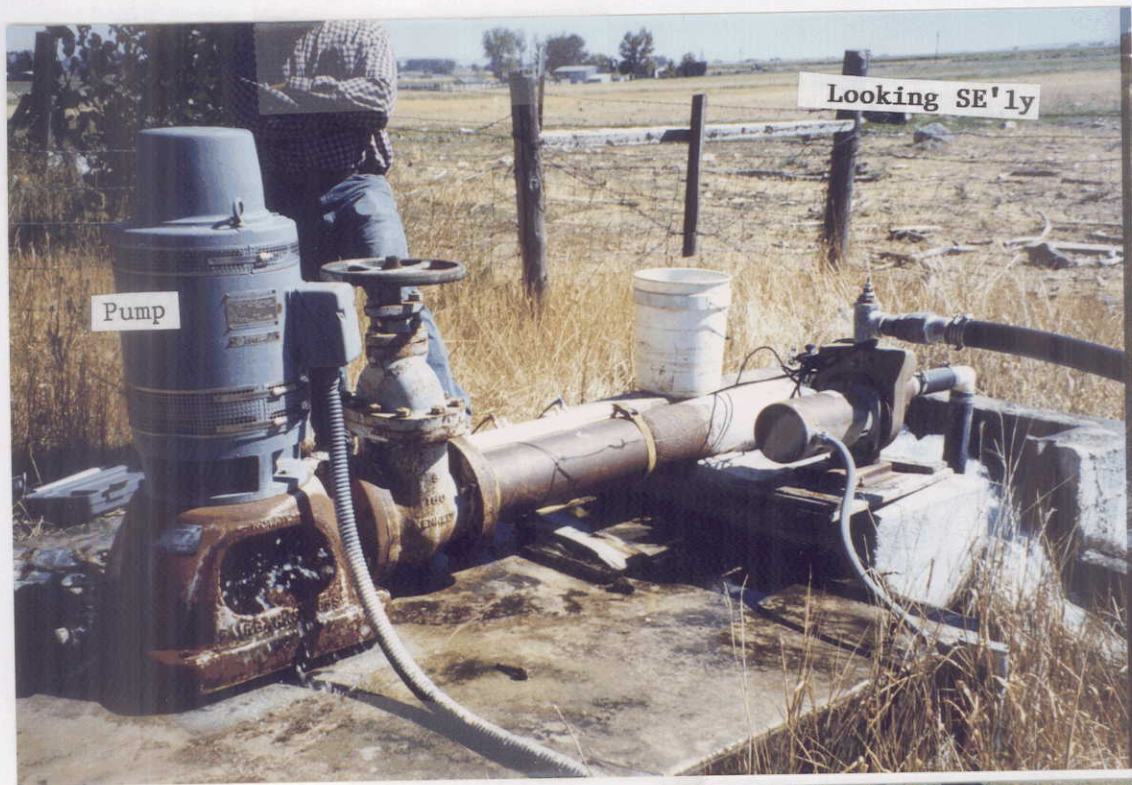
Noh Sheep Co.
FE: Amanda Folsom
Date: 7 Sept 1999

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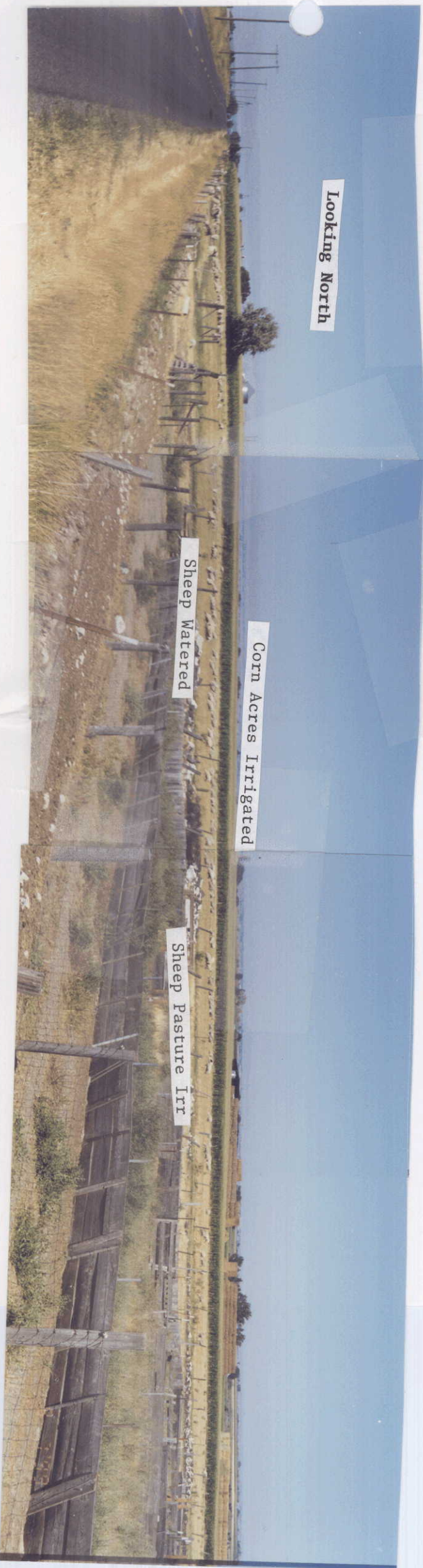


Looking NW'ly

Irrigation Ditch

Noh Sheep Co.
FE: Amanda Folsom
Date: 7 Sept 1999

47-07923



Looking North

Corn Acres Irrigated

Sheep Watered

Sheep Pasture Irr