

DEPARTMENT OF WATER ADMINISTRATION
FIELD REPORT

1. Name of permit holder Phyllis Ellsworth
Post office address Lemhi, Idaho Phone
Person to contact Phone
2. Source of water supply: Groundwater Surface water Yearian Creek
Tributary to Lemhi River

3. Water will be used for the following purposes:
Amount .90 c.f.s. for irrigation
AF/Annum (nature of use)
Period of Use: from Apr. 1 to Nov. 1
(mo.-day) inclusive (mo.-day)
Amount c.f.s. for
AF/Annum (nature of use)
Period of Use: from to
(mo.-day) inclusive (mo.-day)
Amount c.f.s. for
AF/Annum (nature of use)
Period of Use: from to
(mo.-day) inclusive (mo.-day)
Other uses:

Permit No. 74-7002A
Examination for b/u

4. Total amount to be appropriated:
Max Rate of Diversion .90 cubic feet per second and annual volume AF/Annum.
5. Location of Point(s) of Diversion:
Township 18N N/S, Range 24E E/W, B.M., Section 36, Subdivision NW 1/4 SW 1/4, Lemhi County
Township N/S, Range E/W, B.M., Section, Subdivision 1/4 1/4, County
Township N/S, Range E/W, B.M., Section, Subdivision 1/4 1/4, County
Other Points of Diversions:

Description of diverting works: Same as on exam for 74-7002.

Measuring device required: yes no

6. Lands to be irrigated or place of use.

Table with 19 columns: TWP, RANGE, SEC., NE 1/4, NW 1/4, SW 1/4, SE 1/4, and TOTALS. Row 1 contains data for Township 18N, Range 24E, Section 33, with values 20 and 25 in the SE 1/4 columns, and a total of 45.

T
18
N

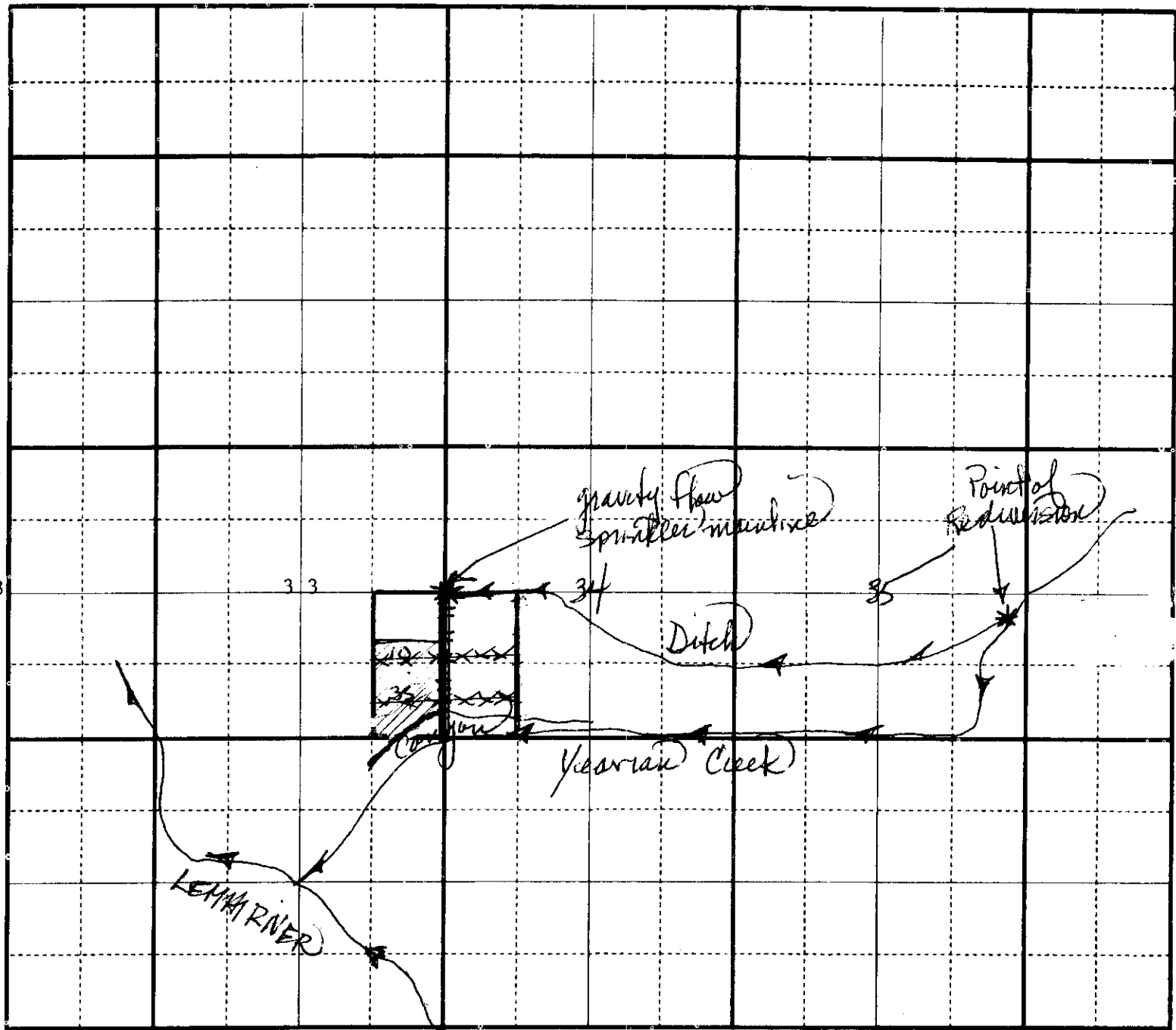
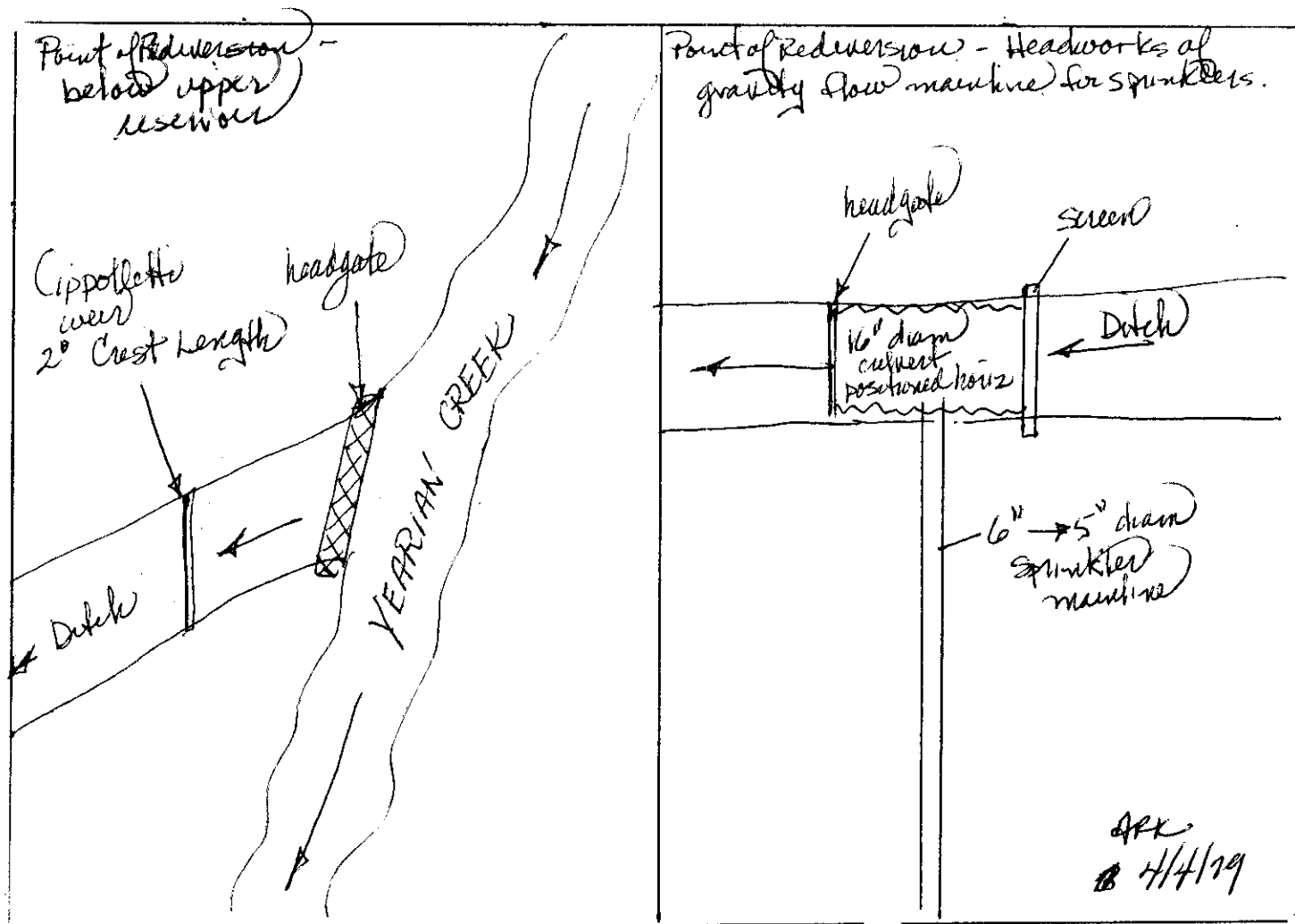


Diagram of System



ROUGH DRAFT

State of Idaho
Department of Water Resources

ROUGH DRAFT

WATER RIGHT LICENSE

License of Water Right No. 74-7002A Priority _____ Amount 65.25 A/yr

THIS IS TO CERTIFY, that Phyllis Ellsworth
of Lemhi, Idaho, has complied with the terms and conditions of Permit
No. 74-7002A issued pursuant to Application for Permit dated _____,
and has submitted proof to the Department of Water Resources on _____,
that he has applied water to a beneficial use; an examination by the Department indicates that the works have a
capacity for the diversion of n/a of water from Yearian Creek,
tributary to Lemhi River, and that the permit holder has applied to a beneficial use and
established a right to use water as follows:

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
<u>Storage for irrigation</u>	from <u>Nov 1</u> to <u>April 1</u>	at _____ cfs and	<u>65.25 A/yr</u>
<u>irrigation from storage</u>	from <u>April 1</u> to <u>Nov 1</u>	at _____ cfs and	<u>65.25 A/yr</u>
	from _____ to _____	at _____ cfs and	

(both dates inclusive)

Subject, however, to the condition that no more than _____ of water be diverted at any one time, and
that the amount of water so diverted and to which such right is entitled and confirmed is for the purpose
aforementioned and is limited to the amount which can actually be beneficially used and shall not exceed
65.25 acre feet per year, said waters to be diverted within the NESW 3rd 18
Twp 18N Rge 25E B.M. in the County of Lemhi

Description and location of place of use:

Twp.	Range	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
18N	24E	33																35	45

Total number of acres irrigated 45

Assumes completion of amendment for point of diversion & place of use

NOTE: Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho Law. This right may be forfeited by five years of non-use.

The right to the use of the water hereby confirmed is restricted and appurtenant to the lands or place of use herein described, as provided by the laws of Idaho.

Witness the seal and signature of the Director, affixed at Boise, Idaho, this _____ day of

_____, 19 _____.

ROUGH DRAFT

DATE OF EXAM 6/13/78

ACREAGE
Found 45
Recommended 45

Irrigation Requirement _____ Ac Ft/Ac

USE
Irrigation Q= _____ c.f.s. V= _____ AF/Ann. from _____ to _____
Domestic Q= _____ c.f.s. V= _____ AF/Ann. from _____ to _____
Livestock Q= _____ c.f.s. V= _____ AF/Ann. from _____ to _____
Storage for irrigation 65.25 AF/yr from Nov 1 to April 1
Irrigation from storage - 65.25 AF/yr from April 1 to Nov 1

Is water co-mingled? yes _____ no X

Name source: n/a
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____ County _____

Exchange? yes _____ no X

Name source exchanged with: n/a
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____ County _____

Point of injection: n/a
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____ County _____

Point of exchange: n/a
twp. _____ N/S, Rge _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____ County _____

Total Q measured _____ n/a Method of measurement none

Total Q recommended _____ Meter No. n/a Type n/a Condition n/a

Total V recommended _____ 65.25 AF/yr

Recommended Amendments:

P.D. Should be NE 1/4 sec. 18 Twp 18N Rge 25E. (Upper Reservoir only)
Place of Use See rough draft amendment
Other _____
None _____

MEASUREMENT CALIBRATION:

The upper reservoir which stores water for the irrigation of these lands has a capacity of approx 369 AF.
See enclosed data sheet

SYSTEM DESCRIPTION:

Surface water is stored in the upper Reservoir and is redirected from Clearman Creek into an irrigation ditch and is conveyed downhill via the force of gravity into a gravity flow sprinkler system used for the irrigation of 45 acres of land - Average irrigated by portions of 2 - 7 1/2 mi lateral handline sprinklers

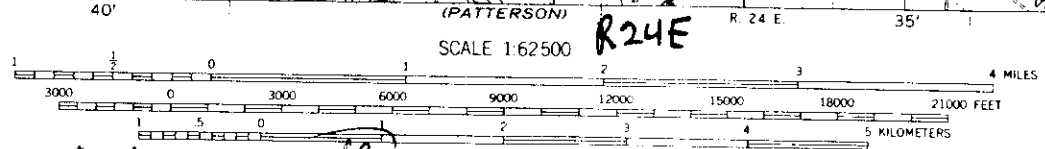
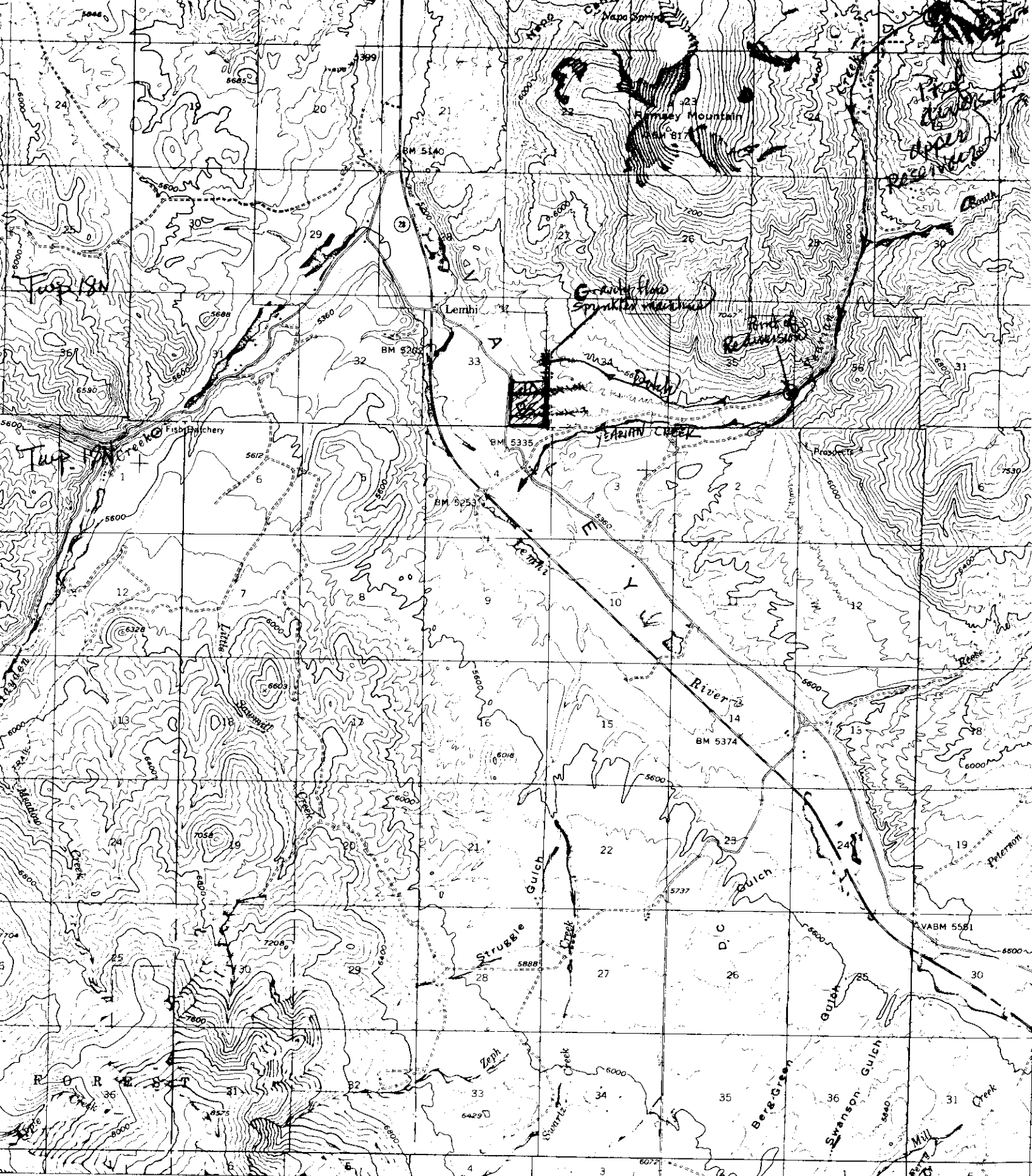
REMARKS:

System shown & described by George Elsworth's Son
This filing is a portion of an original filing # 74-7002.
65.25 AF of storage was assigned to Phyllis Elsworth the
65.25 AF is deducted from the active capacity of the upper
reservoir and is also deducted from the rough draft license permit
Examiner's Signature Anthony R. Kozlowski Date 7/3/79 74-7002
Checked by Rodney A. Parker Date 4/5/79

Approved by _____ Date _____

See reverse side
See R.D. License 74-7002
This system of delivery is also used to deliver storage water from Elsworth's Upper Dam to additional adjacent lands under permit no. 74-7002

Upper Reservoir crest width $\approx 12'$ (earthfill)
crest length $\approx 350'$
Deepest point $\approx 22'$
active capacity 369 AF



Phyllis Ellsworth
74-7002A

CONTOUR INTERVAL 80 FEET
DOTTED LINES REPRESENT 40-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON
300000m E MR 1071

ROAD CLASSIFICATION
Medium-duty ——— Light
Unimproved dirt - - - -
State Route (circle symbol)



CONTOUR	CONTOUR INTERVAL	AVG CONT INT.	PLANIMETER READING IN. ²	AVG. AREA IN. ²	AVG. AREA AC.	AREA FT. ²	AREA (AREA AC. X 3600) FT. ³	Storage Avg. Accum
		2.5						
55	0		1.08	.50	0.04	1,800	4,500	0.2 0.2
		5		20.76	1.71	78,888	394,440	8.6 8.8
60	5		40.52					
		5		107.26	8.9	386,136	1,930,680	44.5 53.3
65	5		174.0					
		5		193.40	16.0	715,580	3,577,900	80.0 133.3
70	5		212.8					
		5		246.60	20.4	887,760	4,438,800	104.0 231.3
75	5		280.4					
		5		316.5	26.2	1,139,400	5,697,000	151.0 368.3
80	5		352.6					
		27.5						

16,043,320 cu ft.

8.47 gals/acre

~~135,886,920 gals~~ TOTAL

Data for
upper
reservoir

550.662107 H

$$1 \text{ sq ft} = 3600 \text{ sq ft} = 0.0827$$

APPROX. STORAGE = 369 AC. FT.

200

150

Correction 30' wide 5 ft. } 45,000.00
5 ft. } 45,000.00

Upper end of breeding Corral
80' drop to road 30' drop to
past 4 posts from brace