

MEMO

TO: File

DATE: 10-1-1999

FROM: J E STANTON

SUBJECT: Claim A45-4114, App. For Permit 45-07745, US Forest Service

Yesterday I met with Marsh Creek watermaster Don Gunderson & water-district board member Ron Sorensen at their request. They are concerned about the proosed expansion of water usage from Bennett Spring at Pomerelle Ski Resort. We discussed the matter, and Don gave me photos of the existing system that he had recently taken. He also gave me a copy of the development plan for this system from 1976. We then drove out to look at the system.

We took the main road up to Pomerelle, then drove off the pavement on a gravel road that goes to Bennett Spring. I think that we parked on the first 180-degree turn in the road and then walked upstream to a standpipe/pump. I could hear the pump running. Two overflow pipes ran into the small stream at the base of the standpipe, and were discharging about  $\frac{1}{2}$  cfs (Don had estimated about 41 inches from the main overflow). It was difficult to determine exactly where this water came from, as two locks held a metal cover in place on top of the standpipe. There could be a separate spring, or they may be tapping into the stream itself. The 1976 drawing of this system show a 360' lift from the pipe to a second standpipe/booster pump; if I figured correctly, a 3 hp motor would pump a whopping 0.002 cfs that high, hardly a practical system. I did not GPS the site, but it appears that this is not the Bennett Spring that is shown on the quad map. Another spring is shown further up the canyon, so it could be that one.

We then drive further west on the main road, stopping just before it makes the 180-degree turn near the NW corner of Sec. 1. We walked over the bank to another diversion. A square concrete lid with lift rings and a 12" hole in the center was visible along the north side of the nearly-dry stream channel. Water was seeping out of the rocks around the lid. The hole in the lid was filled with gravel, so we removed some of the gravel. Ron stuck a tire iron down the hole, and said that he felt a metal plate. The water in the hole was very cold. We put the gravel back in the hole, then walked downstream to look for the pipeline they had previously seen. Maybe 75' downstream, a 2  $\frac{1}{2}$ " metal pipe was sticking out from the south bank; the end of the pipe was capped off, however. The pipe continued into the bank in the general direction of Pomerelle, then disappeared. Ron said he felt water moving in the pipeline. So this appears to be a second diversion below the ski lodge, but I can't be sure.

I have not discussed my visit with the USFS or other parties to verify what I saw. I wasn't sure what Don & Ron had in mind when they requested my presence, so did not

try to contact other parties. I am just adding my observations, and the photos from the watermaster, to the file. Don will also be adding comentary.

RECEIVED

SEP 03 1999

Department of Water Resources  
Southern RegionSTATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of Applicant USDA Forest Service Phone (208) 387-0835  
Mailing address 380 East Parkcenter Suite 330, Boise ID 83706
2. Source of water supply Unnamed stream and both Benett Spring and Pomerelle or Ski Run Spring which is a tributary of sinks, and see numbers 10 and 12 on back page.
3. Location of point of diversion is Township 135 Range 24 E Sec. 11, in the NW 1/4, NE 1/4, NE 1/4, Govt. Lot       , B.M., Cassia County;  
additional points of diversion if any: NWSE and SESW Sec. 2, T135, R24 E; and NW NENW Sec 1
4. Water will be used for the following purposes:
- |                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------|
| Amount <u>16.3 AF</u> for <u>Commercial storage</u> purposes from <u>1/1</u> to <u>12/31</u> (both dates inclusive)           |
| (cfs or acre-feet per annum) <u>Commercial from storage</u> purposes from <u>10/15</u> to <u>12/31</u> (both dates inclusive) |
| Amount <u>16.3 AF</u> for <u>Commercial from storage</u> purposes from <u>10/15</u> to <u>12/31</u> (both dates inclusive)    |
| (cfs or acre-feet per annum) <u>Diversion to storage</u> purposes from <u>9/15</u> to <u>12/31</u> (both dates inclusive)*    |
| Amount <u>0.06 cfs</u> for <u>Diversion to storage</u> purposes from <u>1/1</u> to <u>12/31</u> (both dates inclusive)        |
| (cfs or acre-feet per annum) <u>      </u> purposes from <u>      </u> to <u>      </u> (both dates inclusive)                |
| Amount <u>      </u> for <u>      </u> purposes from <u>      </u> to <u>      </u> (both dates inclusive)                    |
| (cfs or acre-feet per annum) <u>      </u> purposes from <u>      </u> to <u>      </u> (both dates inclusive)                |
| Amount <u>      </u> for <u>      </u> purposes from <u>      </u> to <u>      </u> (both dates inclusive)                    |
| (cfs or acre-feet per annum) <u>      </u> purposes from <u>      </u> to <u>      </u> (both dates inclusive)                |
5. Total quantity to be appropriated is (a)        and/or (b) 19.4  
cubic feet per second acre feet per annum
6. Proposed diverting works:
- a. Describe type and size of devices used to divert water from the source 3 storage reservoirs with total combined storage capacity of 16.3 AF, 1 to 2 surface acres each.
- b. Height of storage dam less than 10 feet; active reservoir capacity 16.3 acre-feet; total reservoir capacity 16.3 acre-feet
- c. Proposed well diameter is        inches; proposed depth of well is        feet
- d. Is ground water with a temperature of greater than 85°F being sought?
- e. If well is already drilled, when?       ; Drilling firm       ;  
Well was drilled for (well owner)       ; Drilling Permit No
7. Time required for completion of works and application of water to proposed beneficial use is 5 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
- a. Hydropower; show total feet of head and proposed capacity in KW
- b. Stockwatering; list number and kind of livestock
- c. Municipal; show name of municipality
- d. Domestic; show number of households
- e. Other; describe fully Commercial storage for snow making at Pomerelle Ski Area.

\* Per Phone Conv. Veldon Hunscock 9/3/99  
Adm

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

| TWP | RGE  | SEC | N E |    |    |    | N W |    |    |    | S W |    |    |    | S E |    |    |    | TOTALS |
|-----|------|-----|-----|----|----|----|-----|----|----|----|-----|----|----|----|-----|----|----|----|--------|
|     |      |     | NE  | NW | SW | SE | NE  | NW | SW | SE | NE  | NW | SW | SE | NE  | NW | SW | SE |        |
| 135 | 24 E | 1   |     |    |    |    |     |    |    |    |     | C  | C  |    |     |    |    |    |        |
| 135 | 24 E | 2   |     |    | C  | C  |     |    |    |    | C   |    |    | C  | C   | C  | C  |    |        |
| 135 | 24 E | 11  | C   | C  |    |    | C   |    |    |    |     |    |    |    |     |    |    |    |        |
|     |      |     |     |    |    |    |     |    |    |    |     |    |    |    |     |    |    |    |        |
|     |      |     |     |    |    |    |     |    |    |    |     |    |    |    |     |    |    |    |        |
|     |      |     |     |    |    |    |     |    |    |    |     |    |    |    |     |    |    |    |        |
|     |      |     |     |    |    |    |     |    |    |    |     |    |    |    |     |    |    |    |        |
|     |      |     |     |    |    |    |     |    |    |    |     |    |    |    |     |    |    |    |        |

Total number of acres to be irrigated \_\_\_\_\_

10. Describe any other water rights used for the same purposes as described above. Claim #45-04114 as a secondary source consistent with the existing amended claim.

11. a. Who owns the property at the point of diversion? USDA Forest Service

b. Who owns the land to be irrigated or place of use? USDA Forest Service

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: \_\_\_\_\_

12. Remarks: Three 1 to 2 surface acre reservoirs with earthen dams, maxium depth 10 feet.

Primary source of water is ephemeral surface runoff during snow melt. No perennial streams will be impounded or diverted. Secondary source of water would be existing spring diversions and pump delivery system identified in and consistent with amended claim #45-04114, no increase in diversion rate.

13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred)

BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

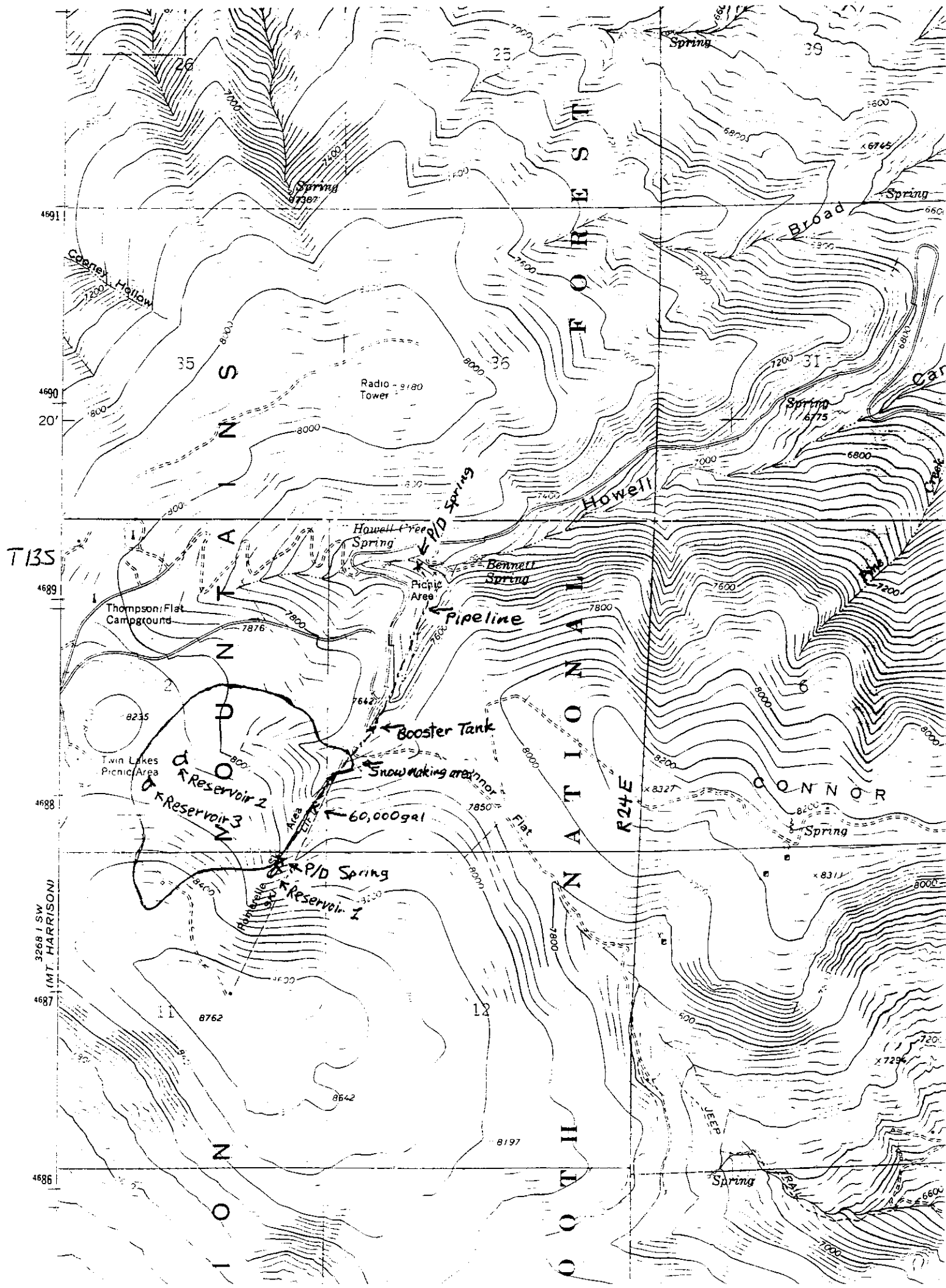
United States of America (USDA-Forest Service)

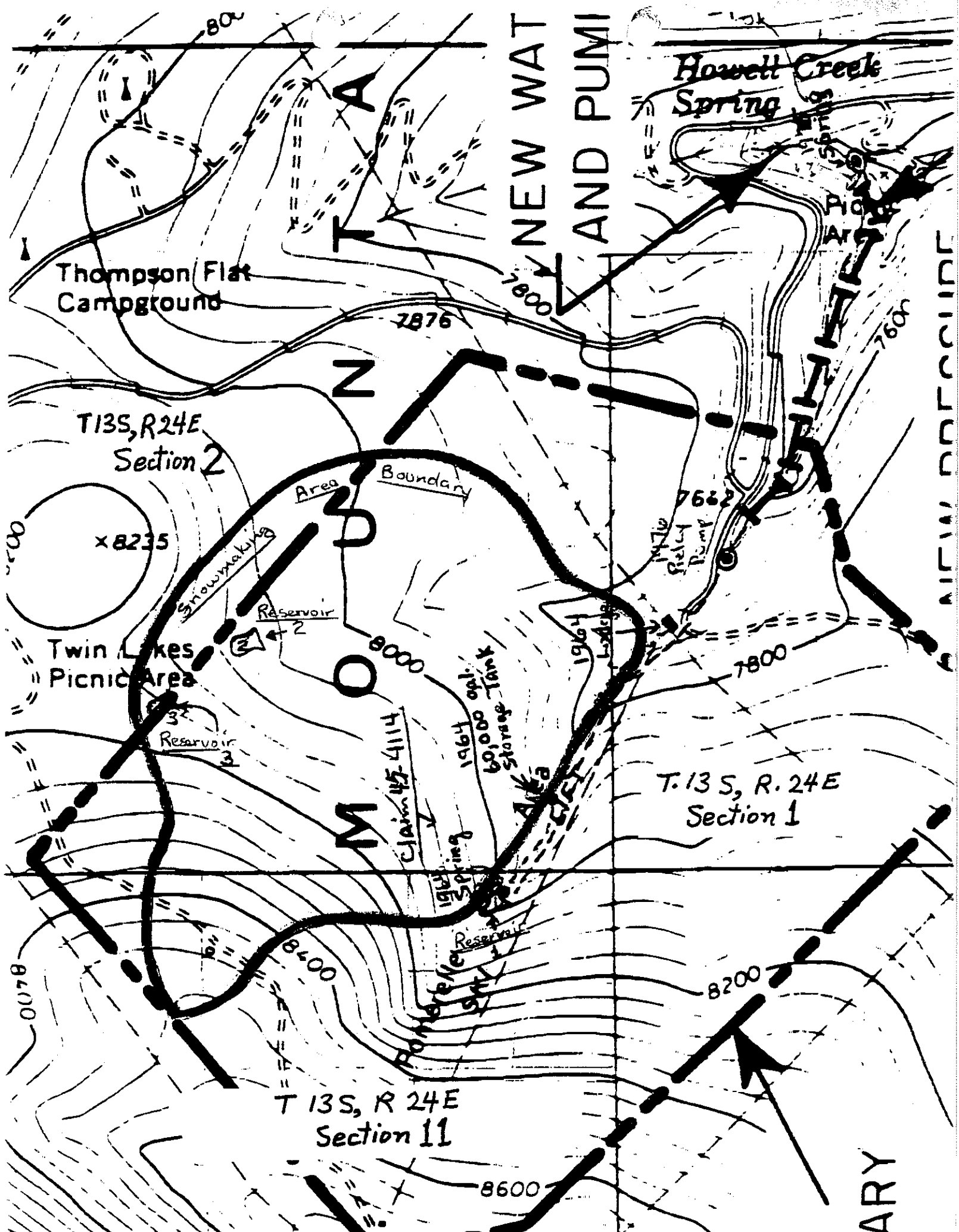
William P. LeVine

Signature of Applicant (and title, if applicable)

(for) JACK A BLACKWELL, Regional Forester

Received by ADM Date 9/3/99 Time 8:59 Preliminary check by \_\_\_\_\_  
 Fee \$ 50.00 Receipted by ADM # 5022518 Date 9/3/99  
 Publication prepared by MB Date 11/4/99 Published in Id. Press  
 Publication approved MB Date 12/15/99





NEW WAT  
AND PUMI

Howell Creek  
Spring

Thompson Flat  
Campground

T13S, R24E  
Section 2

x8235

Twin Lakes  
Picnic Area

Reservoir  
3

Area  
Boundary

Claim 45-4114

1964  
60,000 gal.  
Storage Tank

1964  
Spring

Reservoir  
4

T. 13 S, R. 24 E  
Section 1

T 13 S, R 24 E  
Section 11

ARY



# Snowmaking Corridors and Summer Trails

- New Building Location
- New Roads, Parking
- New Mountain Bike Route
- New Snowmaking Corridor
- Snowmaking Reservoir

- Double Chair Lift
- Triple Chair Lift
- Handle Tow

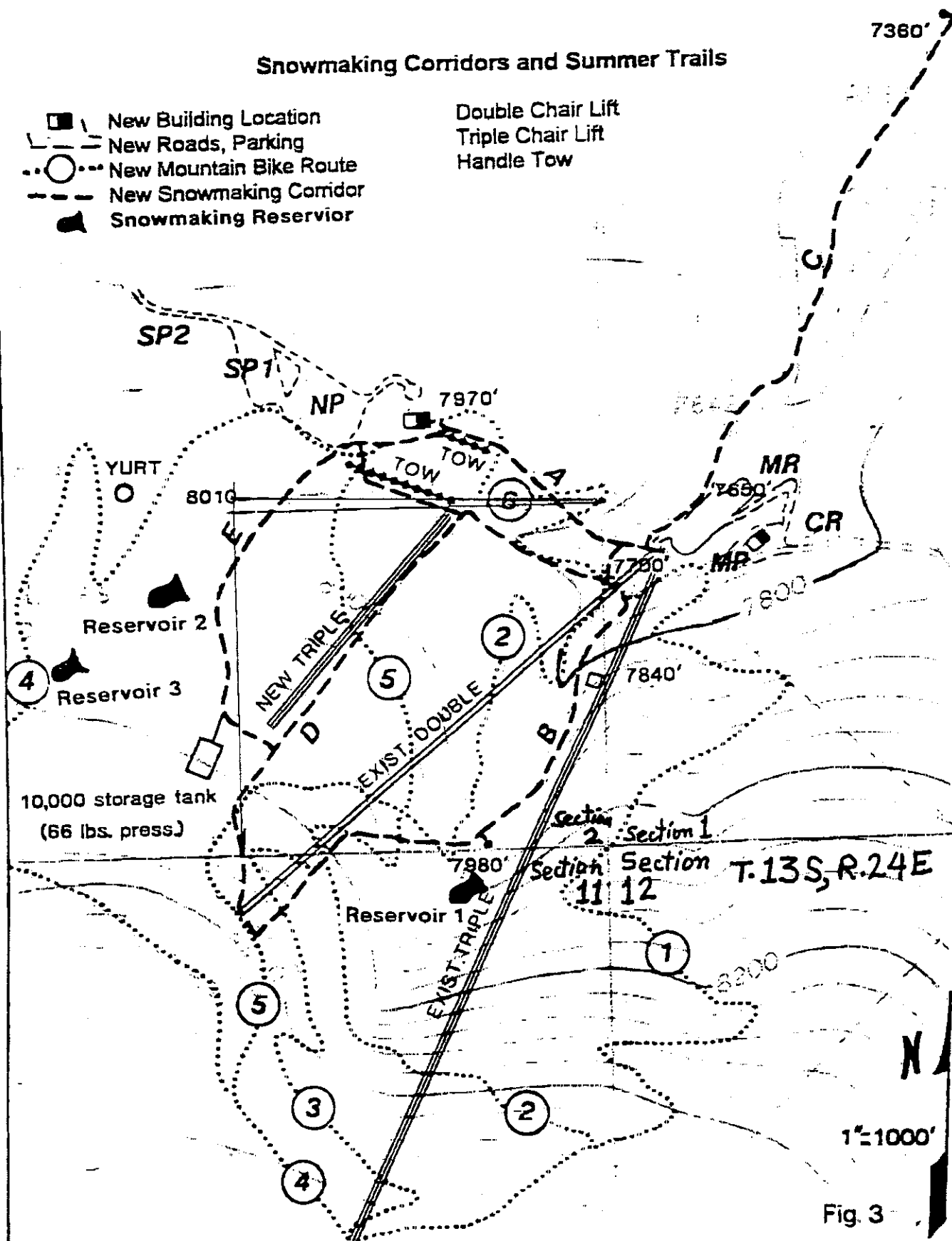


Fig. 3