

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 37-7707

WATER RIGHT NUMBER: 37-7707

DRAFT

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	CARL CURTIS PO BOX 1073 KETCHUM, ID 83340 (208)726-3102
Present Owner	SCOTT CURTIS PO BOX 1835 KETCHUM, ID 83340 (208)726-3203

Priority Date: 03/24/1978

Basis: License

Status: Active DRAFT

Source

PARKER GULCH CREEK

Tributary

BIG WOOD RIVER

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
DIVERSION TO STORAGE	01/01 to 12/31	1.300 CFS	
AESTHETIC	01/01 to 12/31	1.300 CFS	941.00 AF
IRRIGATION FROM STORAGE	05/01 to 10/31	0.170 CFS	29.40 AF
RECREATION STORAGE	01/01 to 12/31		7.30 AF
IRRIGATION STORAGE	01/01 to 12/31		29.40 AF
AESTHETIC STORAGE	01/01 to 12/31		7.30 AF
	<u>Total Diversion:</u>	1.300 CFS	941.00 AF

Location of Point(s) of Diversion

PARKER GULCH CREEK

SE1/4SW1/4

Sec. 10, Twp 04N, Rge 18E, B.M.

BLAINE County

Place of Use

DIVERSION TO STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
04N	18E	10												X					

AESTHETIC

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals

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04N 18E 10						X	
04N 18E 15				X			
04N 18E 16	X	X					

[illegible]

RECREATION STORAGE

[illegible][illegible]

AESTHETIC STORAGE

[illegible]

Conditions of Approval:

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 37-7707

1. 01R When notified by the Department, the right holder shall install and maintain a measuring device of a type acceptable to the Department as part of the diverting works.
2. 027 Aesthetic use of water under this right shall be non-consumptive.
3. R63 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
4. R05 Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. &DISTRICT.
5. The irrigation storage reservoir for use in connection with this right is limited to approximately 3.27 af. The irrigation storage of 29.4 af under this right is authorized only by refilling the reservoir multiple times.

Remarks:

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report 37-7707

Comments:

1. eretelle 5/25/2005 license review

Comment: The PoU property is now owned by:
Parker Gulch, LLC
c/o Scott Curtis
PO Box 1835
Ketchum, ID 83340

Only one PoD of 4 was developed.

Since the irrigation volume exceeds the storage volume, we need a plan that allows for the filling of the reservoirs more than once in a year to comply with the IDAPA rules.

2. eretelle 6/17/2005 field evaluation

Comment:

On June 16, 2005, I conducted a third field evaluation of the system associated with this permit. I was accompanied by Allen Merritt and Nick Treasure from Southern Region.

PoD was located by GPS in the SESW of Section 10, T4N, R18E. Since this location was not included on the application/permit, it will need to be amended. No flow measurements were attempted because the water flows were extremely low at this time. The measurement from the May, 1998 exam will be used as the system capacity since the permit-holder has the ability to divert 100% of the flow using the 2 small dams at the PoD (see photos).

The uses covered under the permit are: Diversion to storage

Recreation storage
Aesthetic storage
Irrigation storage
Irrigation from storage
Power

The license will reflect the diversion to storage, storage components and aesthetic flow-through in place of the power use.

The volume licensed will be (1) the volume of the ponds (2) the volume of water lost to evaporation from the ponds (3) irrigation volume. The license will be conditioned so that pond #1 can be filled multiple times throughout the irrigation season since the volume of water used for irrigation exceeds the volume of the pond.

- | | | | |
|-----|--|-----------|---------|
| (1) | volume of pond #1 (from 1998 field exam) = | 3.27 af | |
| | volume of pond #2 (from 1998 field exam) = | 3.25 af | |
| | | | 6.52 af |
| (2) | surface area of pond #1 = | 0.3 acres | |
| | surface area of pond #2 = | 0.5 acres | |
| | | 0.8 acres | |

evaporation in area, appx. 30"/yr (IDWR transfer memo #26)
precipitation in area, appx. 19"/yr (<<http://www.wrcc.dri.edu/>>)
11" evaporation loss

0.8 acres x 11" = 0.73 af evaporation loss/year

- (3) Irrigated acres were determined using ArcView and the 1998 field exam map and narrative. The 1998 narrative states that the northern pasture area (about 4 acres) was irrigated by sprinklers, which the permit holder said were in storage. All investigators on the 2005 field evaluation agree that the northern pasture, although fenced, does not appear any more irrigated than the surrounding lands. Furthermore, no sprinklers were found in that area. Also, it seems fairly unlikely that water is, or ever has been, pumped from pond #1 with a 1hp pump up the steep gradient and over the long distance to the northern pasture. The other acres identified as irrigated downstream of the home and ponds are also somewhat questionable, but the possibility remains that they are irrigated with portable sprinklers or hoses that were not in place at the time of our visit. Therefore, the acres recommended on the license include those recommended in the 1998 field exam, less the acres in the northern pasture. 12.4 acres - 4 acres = 8.4 acres (consistent with "red" areas on 1990s IR photos).

8.4 acres x 3.5 af/a = 29.4 af

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 37-7707

volume = 0.73 af + 6.52 af + 29.4 af = 36.7 af

Aesthetic volume = 1.3 cfs x 365 days x 1.98 = 941 af

Irrigation from pond #1 only.

Irrigation season adjusted to standard.

Water District 37. Measuring device required on permit. No measuring device found during field examinations. The watermaster communicated to me by phone that Parker Gulch is considered to be a dry stream and it was not typically regulated. An order will be prepared removing the measuring device requirement.

The 20 photographs taken on June 16th are attached.

3. eretelle 6/23/2005 POD

Comment: Updated shape

4. eretelle 6/23/2005 POU

Comment: Updated Shape

Dates and Other Information:

Licensed Date:

Decreed Date:

Water Supply Bank Enrollment Accepted:

Water Supply Bank Enrollment Removed:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

State or Federal:

Owner Name Connector:

Water District Number: 37

Generic Max Rate Per Acre: 0.02

Generic Max Volume Per Acre: 3.5

Decree Defendant:

Decree Plaintiff:

Civil Case Number:

Judicial District:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

Carey Act Number:

Mitigation Plan: False

Combined Use Limits:

Element Reviewed/Verified Dates:

<u>Element</u>	<u>Last Reviewed Date</u>	<u>Reviewer</u>	<u>Last Verified Date</u>	<u>Verifier</u>	<u>Status</u>
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Verification Log:

<u>Element</u>	<u>Date Time Stamp</u>	<u>Reviewer</u>	<u>Log text</u>
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Water Supply Bank:

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: **A37-07707**

Date Received: 9/ 8/1997

Receipt No: S020548

Received By: SC

**NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW**

1. Name: CARL CURTIS 208-726-3102
Address: PO BOX 1073
KETCHUM ID 83340

2. Date of Priority: MAR 24, 1978

3. Source: PARKER GULCH CREEK Trib. to: BIG WOOD RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
04N	18E	10		SW	NE		BLAINE
				SW	SW		BLAINE
		16		SE	NE		BLAINE
				NW	SE		BLAINE

5. Description of diverting works:
SLIDE GATE, EARTHEN DAM W/ SPILL WAY

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION STORAGE	01/01	12/31			100.00
IRRIGATION FROM STORAGE	01/01	12/31			100.00
RECREATION STORAGE	01/01	12/31			100.00
AESTHETIC	01/01	12/31			100.00
DIVERSION TO STORAGE	01/01	12/31	1.300		

7. Total Quantity Appropriated is:
1.300 C.F.S. (and/or) 100.00 A.F.A.

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:
RECREATION & AESTHETIC

10. Place of Use:

Township	Range	Section	1/4	of	1/4	Lot	Use	Acres
04N	18E	10	SW		NE		IRR	3.0
			NE		SW		IRR	5.0
			SW		SW		IRR	2.0
			SE		SW		IRR	5.0
			Section Acres					15.0
		16	SW		NE		IRR	3.0
			SE		NE		IRR	7.0
			NE		SE		IRR	16.0
			NW		SE		IRR	16.0
			SW		SE		IRR	5.0
			SE		SE		IRR	3.0
			Section Acres					50.0
			Total Acres					65.0

11. Place of use in counties: BLAINE

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:
NONE

14. Remarks:

15. Basis of Claim: PERMIT

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not _____ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Individuals:

I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s): _____ Date: _____
_____ Date: _____

State of Idaho)
County of _____) SS.

Subscribed and sworn (or affirmed) before me this _____ day
of _____ 19 _____

Notary Public

Seal

Residing at _____

My Commission Expires _____

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLSIN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM

CIVIL CASE NUMBER: 39576

Ident. Number A37-07707Date Received 9/8/97 *sm*Receipt Number 5020548

NOTICE OF CLAIM

RECEIVED

TO A

SEP 08 1997

WATER RIGHT

Department of Water Resources
Southern Region

ACQUIRED UNDER STATE LAW

\$50 Flat Fee
 \$65 Var. inv.
 \$115
 14 acc's } stor
 14 Rec }
 50 Late Fee
 \$193 total

nt clearly

1. Name of Claimant (s) CARL CURTIS Phone (208) 726-3102Mailing Address Box 1073 Ketchum Zip 833402. Date of Priority (Only one (1) per claim) 3/24/783. Source of water supply (a) Parker Gulch Creek
which is tributary to (b) Big Wood River4. a. Location of existing point of diversion is: Township 4N Range 18E Section 10,1/4 of SW 1/4 of NE 1/4, Govt. Lot, B.M., County of BLAINEAdditional points of diversion if any: T4N, R18E, S10SWSW; T4N, R18E, S16SENE + N4SE

b. If instream flow, beginning point of claimed instream flow is:

Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____ 1/4,

Govt. Lot _____ B.M., County of _____

ending point is: Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____

1/4, Govt. Lot _____ B.M., County of _____

5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates, Etc), including the dates of any changes or enlargements in use, the dimensions of the diversion works as constructed and as enlarged and the depth of each well.

Add ONE Slide Gate -Added 4 FT To Earth DAM.30' concrete spill way

COPY

6. Water is claimed for the following purposes:

(both dates are inclusive)

(cfs)

(acre feet)

For Irrigation Storage purposes from 1/1 to 12/31 amount _____ or 100

For Irr. From Storage purposes from 4/15 to 10/15 amount _____ or 100

For Aesthetic purposes from 1/1 to 12/31 amount _____ or 100

For Recreation Storage purposes from 1/1 to 12/31 amount _____ or 100

For Diversion to Storage purposes from 1/1 to 12/31 amount _____ or 100

7. Total quantity claimed (a) 1.30 (cfs) and/or (b) 100 (acre feet)

8. Total consumptive use claimed is N/A acre feet per annum.

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) _____

10. 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 use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RNG	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
4N	18E	10			3						5		2	5					15
		1																	
4N	18E	16			3	7									16	16	5	3	50

Total number of acres irrigated 65

11. In which county (ies) are lands listed above as place of use located? Blaine

12. Do you own the property listed above as place of use? Yes X No _____

If your answer is No, describe in Remarks below the authority you have to claim this water right.

13. Describe any other water rights used at the same place and for the same purposes as described above. _____ or None (X)

14. Remarks: 2 P/D's in SENE 310; 3 P/D's in SENE 316;
3 P/D's in NWE 316.

COPY

Last Name Curtis Ident No. _____

Copies: White -State, Yellow-Claimant

15. Basis of Claim (check one) Beneficial Use _____ Posted Notice _____ License _____ Permit X
Decree _____
If applicable provide IDWR Water Right Number 37-07707
Court _____ Case Number _____ Decree Date _____
Plaintiff vs Defendant _____

16. Signature (s)
(a.) By signing below, I/We acknowledge that I/We have received, read, and understand the form entitled
"How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not _____
wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments _____

X For Individuals: I do solemnly swear or affirm that the statements contained in the foregoing document are true
and correct.

Signature of Claimant (s) _____

Date Sept 8, 1997

_____ Date _____
CARL CURTIS

For Organizations: I do solemnly swear or affirm that I am _____

Title _____

of _____, that I have signed the foregoing
Organization _____

document in the space below as _____ of _____
Title _____ Organization _____

and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent _____

Title and Organization _____

Date _____

X State of Idaho/or _____)
County of TWIN FALLS) SS.

Subscribed and sworn (or affirmed) before me this 8th day of September 19 97

SEAL

Notary Public Steve C. ...

Residing at Twin Falls, ID

My Commission Expires 12/1/2000

Please Print Name

17. Notice of Appearance:

Notice is hereby given that I, _____ will be acting as attorney at law on behalf
of the claimant signing above, and that all notices required by law to be mailed by the director to the claimant signing above
should be mailed to me at the address listed below.

Signature _____

Address _____

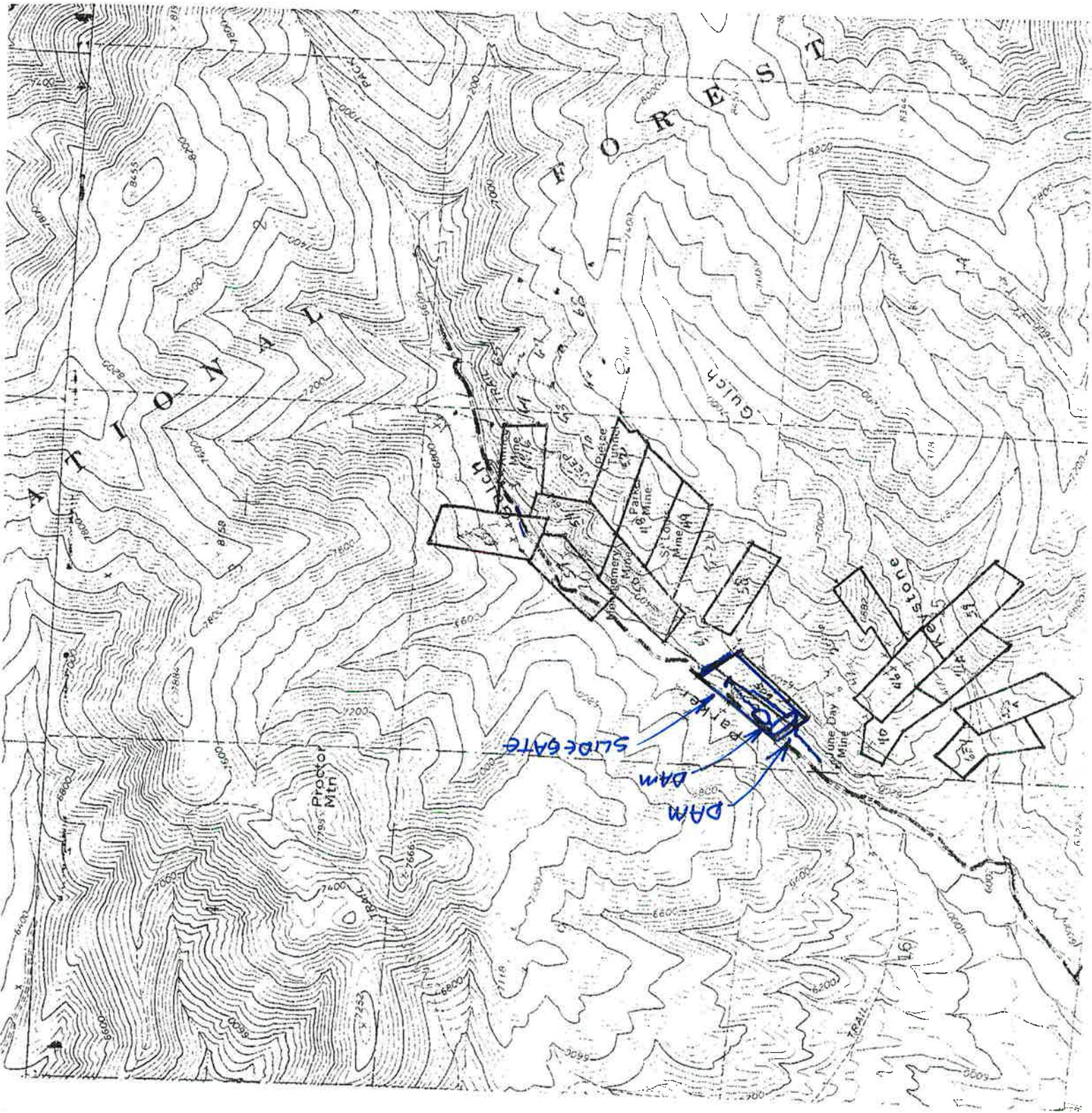
Date _____

COPY

Last Name _____ Ident. Number _____

Copies White-State, Yellow-Claimant

H37-0707



01/03/2007

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 37-7707

NAME AND ADDRESS: CARL CURTIS
PO BOX 1073
KETCHUM ID 83340

SOURCE: PARKER GULCH CREEK

TRIBUTARY: BIG WOOD RIVER

QUANTITY: 1.300 CFS
941.000 AFY

PRIORITY DATE: 03/24/1978

POINT OF DIVERSION:

T04N R18E S10 SESW Within BLAINE County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
AESTHETIC STORAGE	01/01 12/31	7.30 AFY
RECREATION STORAGE	01/01 12/31	7.30 AFY
DIVERSION TO STORAGE	01/01 12/31	1.300 CFS
IRRIGATION STORAGE	01/01 12/31	29.40 AFY
IRRIGATION FROM STORAGE	05/01 10/31	29.40 AFY
AESTHETIC	01/01 12/31	1.300 CFS 941.00 AFY

PLACE OF USE: IRRIGATION STORAGE in BLAINE County

T04N R18E S15 NWNW

IRRIGATION FROM STORAGE in BLAINE County

T04N R18E S10 SESW 0.50 T04N R18E S15 NWNW 5.00

T04N R18E S16 NENE 0.60 T04N R18E S16 SENE 2.30

RECREATION STORAGE in BLAINE County

T04N R18E S15 NWNW

AESTHETIC in BLAINE County

T04N R18E S10 SESW T04N R18E S15 NWNW

T04N R18E S16 NENE T04N R18E S16 SENE

DIVERSION TO STORAGE in BLAINE County

T04N R18E S10 SESW

8.4 ACRES TOTAL

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho

Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - License

Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 37.

Aesthetic use of water under this right shall be non-consumptive.

The irrigation storage reservoir for use in connection with this right is limited to approximately 3.27 af. The irrigation storage of 29.4 af under this right is authorized only by refilling the reservoir multiple times.

This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.

When notified by the Department, the right holder shall install and maintain a measuring device of a type acceptable to the Department as part of the diverting works.

State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 37-07707

PLACE OF USE: AESTHETIC STORAGE, same as RECREATION STORAGE use

PLACE OF USE: IRRIGATION STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N 18E 15						X											

PLACE OF USE: IRRIGATION FROM STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N 18E 10												.5					.5
04N 18E 15							5.0										5.0
04N 18E 16	.6			2.3													2.9

Total Acres: 8.4

CONDITIONS OF APPROVAL

1. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 37.
2. When notified by the Department, the right holder shall install and maintain a measuring device of a type acceptable to the Department as part of the diverting works.
3. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
4. The irrigation storage reservoir for use in connection with this right is limited to approximately 3.27 af. The irrigation storage of 29.4 af under this right is authorized only by refilling the reservoir multiple times.
5. Aesthetic use of water under this right shall be non-consumptive.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed and sealed this 26th day of August, 2005.

David R Tutthill
for **KARL J. BREHER**
Director

State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 37-07707

Priority: March 24, 1978

Maximum Diversion Rate: 1.30 CFS
Maximum Diversion Volume: 941.0 AF

It is hereby certified that CARL CURTIS
PO BOX 1073
KETCHUM ID 83340 has complied with the terms and conditions of the
permit, issued pursuant to Application for Permit dated March 24, 1978; and has submitted Proof of
Beneficial Use on May 12, 1983. An examination indicates that the works have a diversion capacity of
1.32 cfs of water from:

SOURCE

PARKER GULCH CREEK

Tributary: BIG WOOD RIVER

and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL DIVERSION VOLUME</u>
DIVERSION TO STORAGE	01/01 to 12/31	1.30 CFS	
AESTHETIC	01/01 to 12/31	1.30 CFS	941.0 AF
IRRIGATION FROM STORAGE	05/01 to 10/31		29.4 AF
RECREATION STORAGE	01/01 to 12/31		7.3 AF
IRRIGATION STORAGE	01/01 to 12/31		29.4 AF
AESTHETIC STORAGE	01/01 to 12/31		7.3 AF

LOCATION OF POINT OF DIVERSION:

PARKER GULCH CREEK SE¼ SW¼ Sec. 10, Twp 04N, Rge 18E, B.M. BLAINE County

PLACE OF USE: DIVERSION TO STORAGE

Tw	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N	18E	10																	
														X					

PLACE OF USE: AESTHETIC

[illegible]

PLACE OF USE: RECREATION STORAGE

[illegible]

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

Scott Curtis
726-3203
471-0065

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

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

D. FLOW MEASUREMENTS

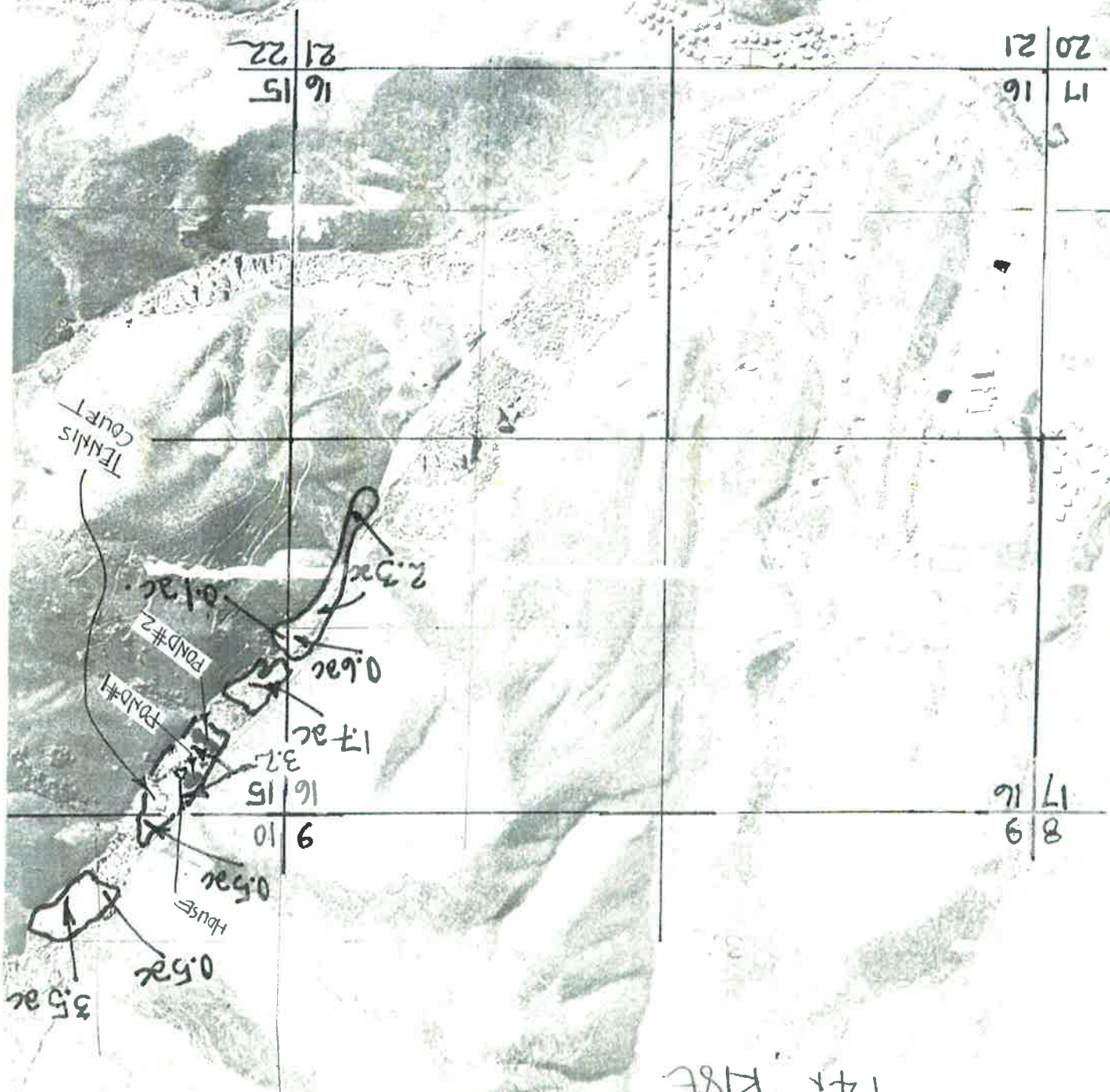
1.

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

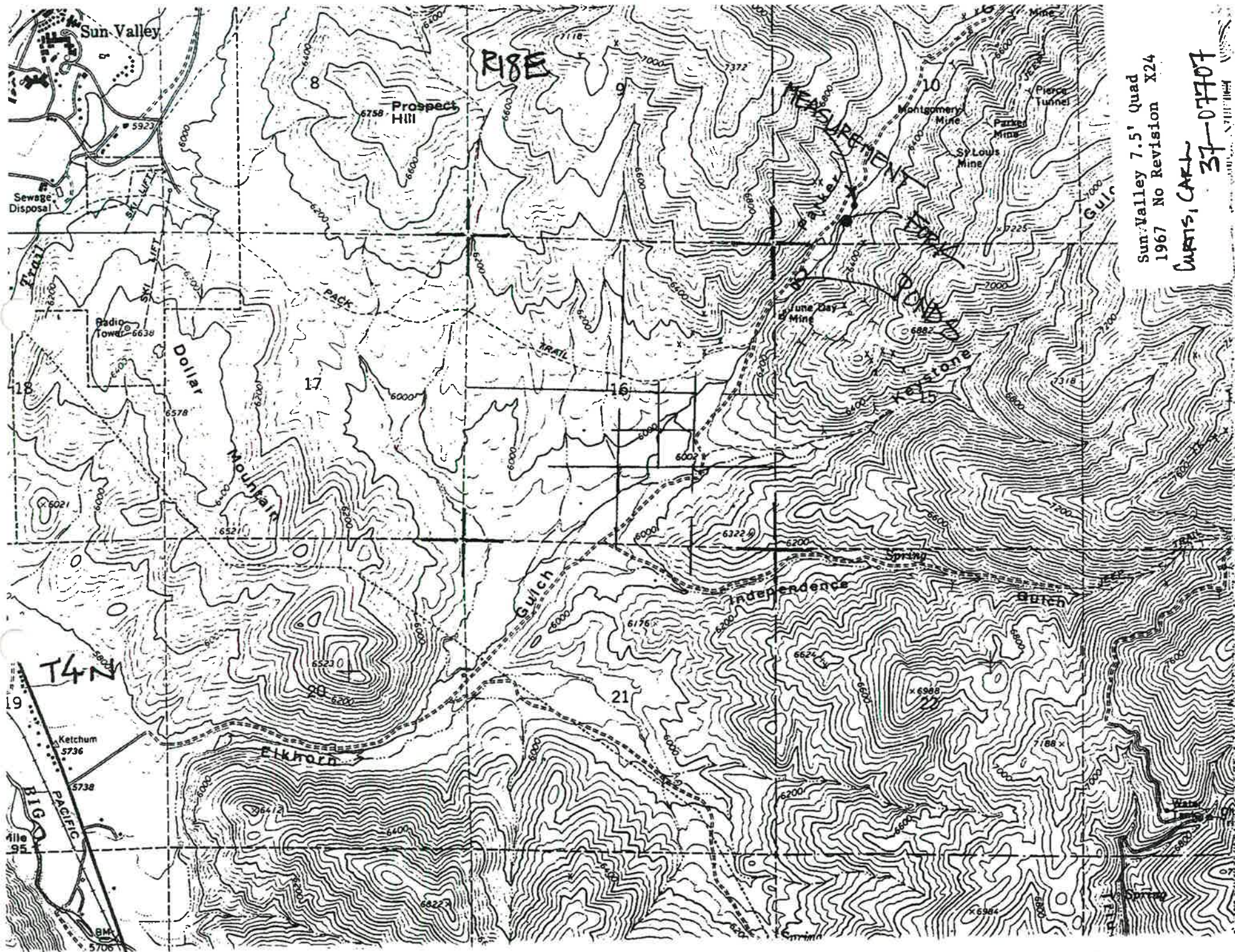
2. Measurements: FLUME, LEVELED, w/ CONSTANT FLOW 21.0 CM = 1.32 cfs

WRTS, CARL
37-07707

1984 FLIGHT
1" = 1000'



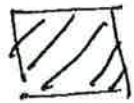
T41 R18E

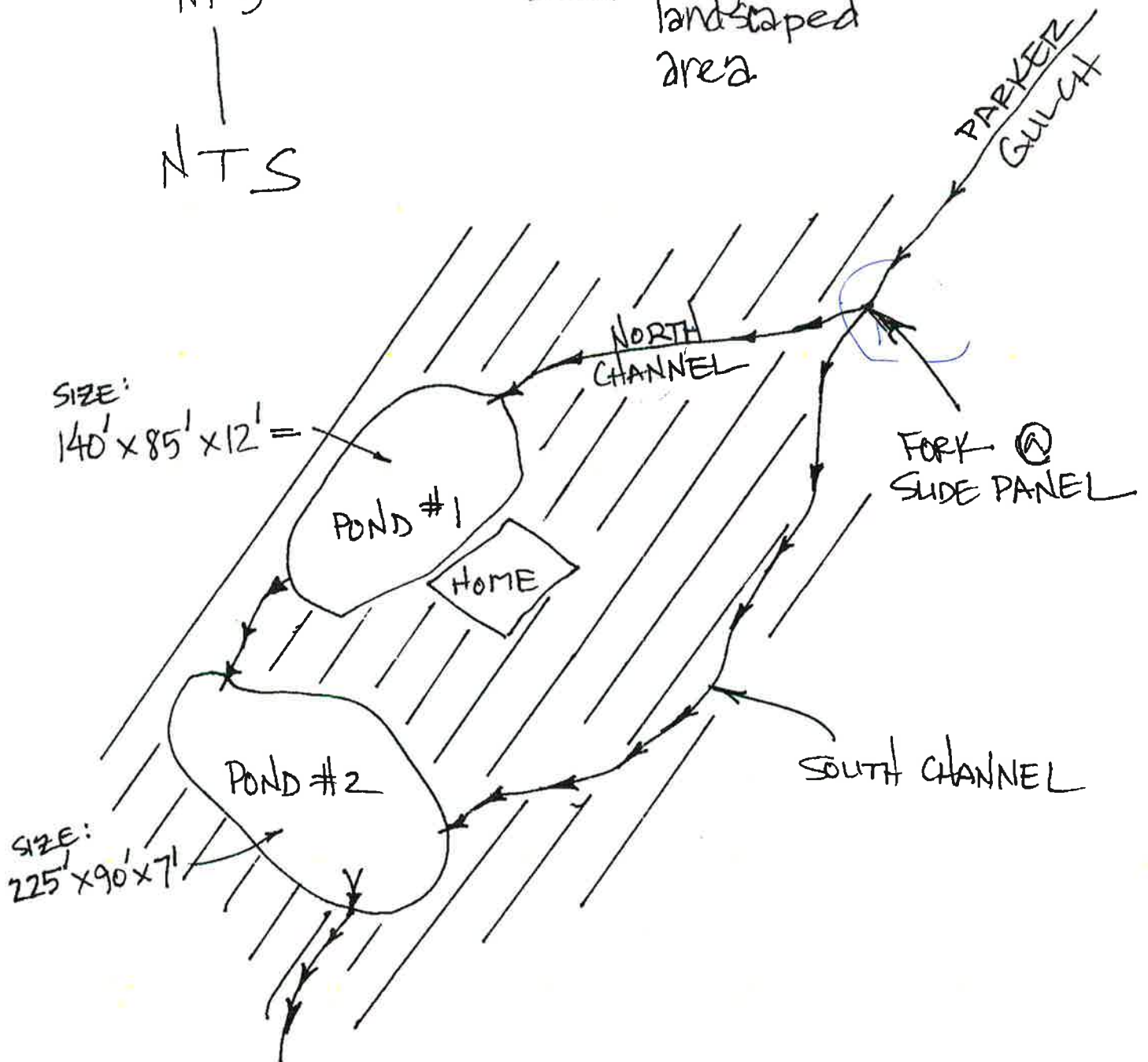


Sun Valley 7.5' Quad
1967 No Revision X24

CURTIS, CARL
37-07707

NTS
|
NTS

 irrigated
landscaped
area



CURTIS, CARL

37-07707

1/6 PHOTO LOOKING SW'LY



Parker Gulch looking downstream towards fork in the creek (at the slide panel)*



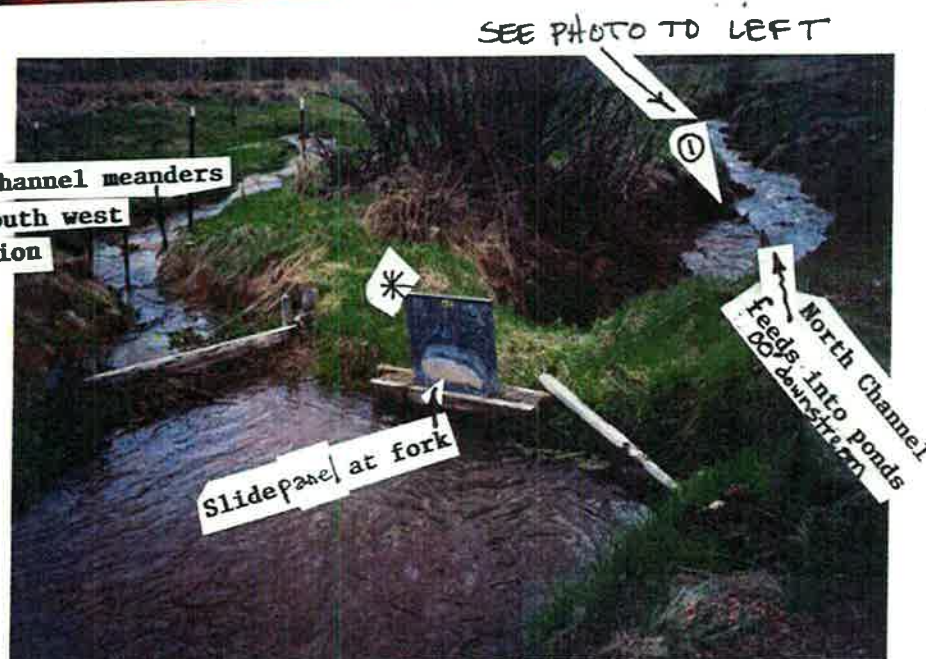
Photo was taken after measurement



South Channel meanders in a south west direction

Fork 30'

THIS IS THE OLD DIVERSION SYSTEM (ROTTED AWAY BY LIMESTONE PER SCOTT CURTIS)



Slidepanel at fork

North Channel feeds into Ponds 60\'' downstream

PHOTO LOOKING SW'LY ±

Carl Curtis 13 May 1998 1300 hrs
Examiner Satterlee

NORTH CHANNEL OF PARKER GULCH DUMPS IN HERE

CURTIS HOME

2/5

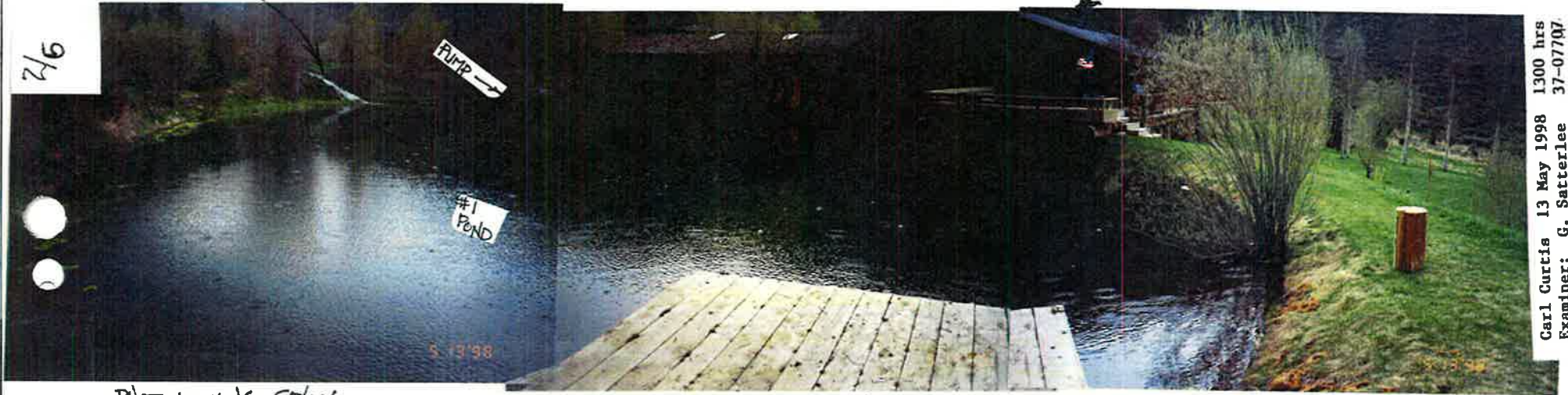


PHOTO LOOKING SE'LY

Photo Pg 2/5

PUMP IN POND #1



N. CHANNEL



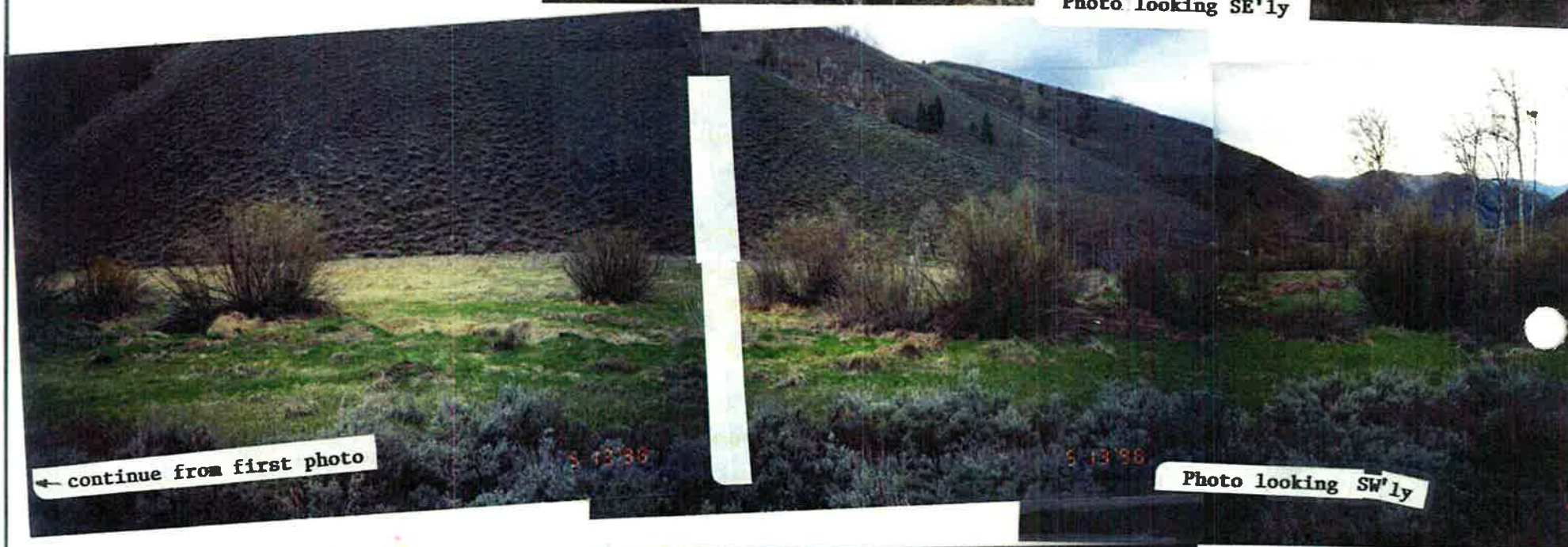
PHOTOS LOOKING N'LY

Carl Curtis 13 May 1998 1300 hrs
Examiner: G. Satterlee 37-07707



→ continue

Photo looking SE'ly



← continue from first photo

Photo looking SW'ly



3/6



→continue on next photo

Photo looking SE'ly

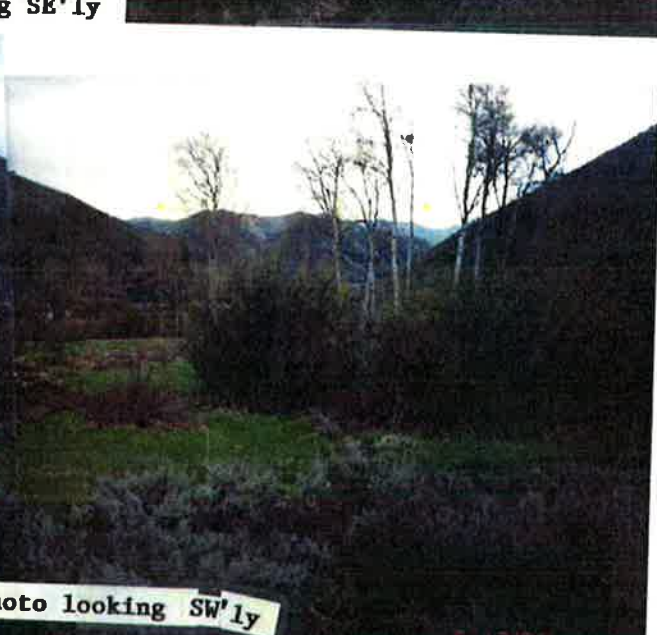


Photo looking SW'ly



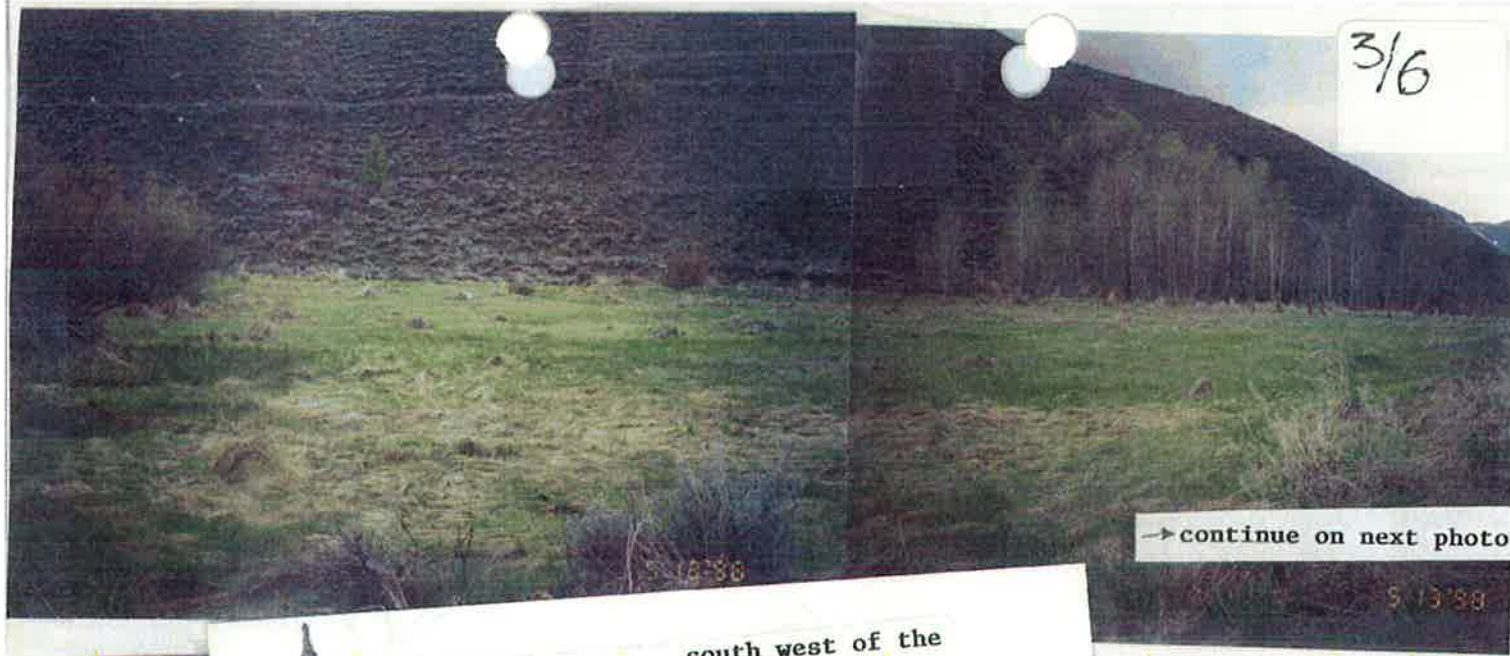
approximately 5± acres of irrigated
pasture, land located in ptns. of the
S½ of SW¼ of Sec 10, T04N, R18E

Photo looking SE'ly

Curtis, Carl 37-07707
13 May 1998 1300 hrs. Examiner
Examiner: G.Satterlee

37-07707

3/6



→ continue on next photo

pasture area south west of the
Curtis property, i.e. on the sw side
of the most south westerly pond.
Land is located in ptns. of the NWNW $\frac{1}{4}$
of Sec 15, and ptn. of E $\frac{1}{2}$ NE $\frac{1}{4}$ of Sec 16,
both in T04N, R18E

SECTIONS

Photo looking SW'ly



approximately 5 $\pm$ acres of irrigated
pasture, land located in ptns. of the
SW $\frac{1}{4}$ of Sec 10, T04N, R18E

Photo looking SE'ly

Curtis, Carl 37-07707
13 May 1998 1300 hrs. Examiner
Examiner: G.Satterlee
37-07707

37-07707

CARL CURTIS



LARGE POND BELOW THE HOUSE WHERE FISH ARE KEPT.

PHOTO LOOKING NE'LY

PHOTOS TAKEN 1985-1986 ?

CURTIS HOME

HOUSE WITH SHRUBS AND FLOWERS

LOOKING SE'LY



TAKEN FROM PARKER GULCH RD

4/6

HEADGATE FROM PARKER GULCH
TO DITCH THAT CARRIES THE
WATER ~~TO THE POWER PLANT~~
~~AND~~ TO THE PONDS.

N/A
5/1998



LOOKING NW'LY

SUDE PANEL



LOOKING NE'LY OR UPSTREAM

PHOTOS TAKEN 1985-1986?

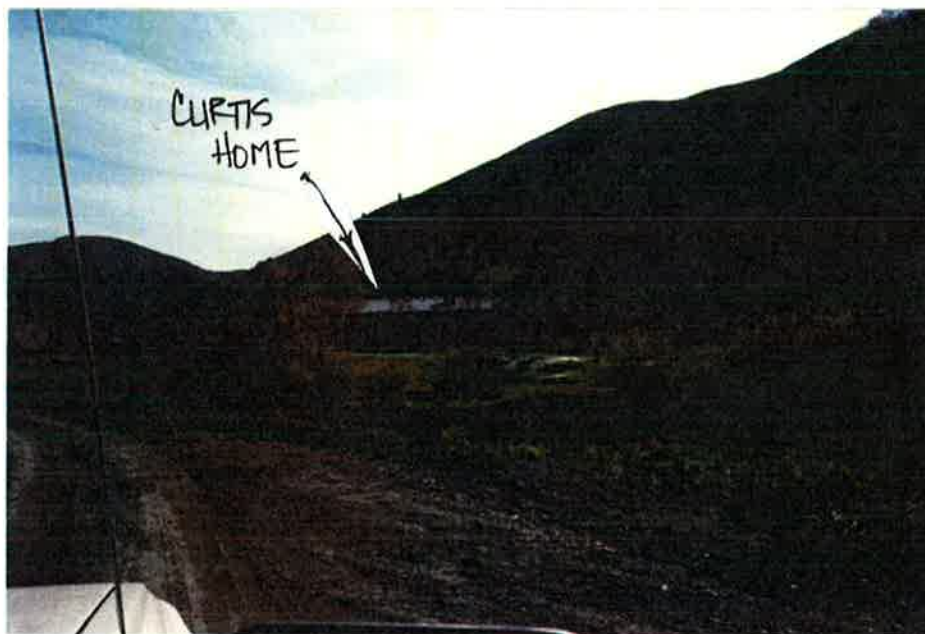
DITCH FROM PARKER GULCH
WHICH SUPPLIES THE WATER
FOR THE POWER PLANT AND
THE WATER TO THE PONDS.

→ INLET TO POWER PLANT.

AS OF 5/1998,
NOT EXISTANT



LOOKING SW'LY



LOOKING NE'LY

PHOTOS 1985-1986?

E. NARRATIVE/REMARKS/COMMENTS

E. NARRATIVE/REMARKS/COMMENTS

FROM: Georgia Satterlee
DATE: 17 June 1998
RE: 37-07707

On 13 May 1998 at 1330 hrs., I met with Scott Curtis, son to Carl Curtis, to conclude the field examination on the above permit. I determined the flow rate and verified the uses that the previous examiner neglected to conduct the first time.

The source is Parker Gulch. Upstream from the two ponds approximately 1500 feet is a fork where the creek splits into a north channel and south channel. The north channel eventually dumps into the first of the two on-stream ponds. From the first pond, the water feeds into the second pond on the northerly side. Meanwhile, the south channel meanders along the south east edge of the Curtis property and dumps into the second pond on the south east side of the pond. The second pond discharges into the creek bed. Please see schematic of the ponds included in the file.

About 150 feet upstream from the fork is where the portable flume was placed for measurement. The rate measured was 21.0 cm = 1.32 cubic feet per second.

Scott Curtis said they did install a weir and a measuring device, as requested by the department. Please see photo page 1/6, photo on top left of page. As the photo shows, what is left of the weir is no longer able to measure. According to Scott Curtis, "...the weir was existing, but the department took too long in coming out to see the weir, and the limestone rotted it away...". Scott Curtis was present when the last examiner was there and he referred to the inability of IDWR to conclude this examination.

The beneficial uses include irrigation storage, irrigation from storage, recreation storage, diversion to storage, and aesthetic. No beneficial use for power.

The surface size of the ponds is 0.8 acre and the volume is 6.52 acre feet. The pump size (in pond #1) has not changed, for this information, please see beneficial use field report from 1985-1986.

Scott Curtis says they irrigate the pasture area with handlines and sprinklers (approximately 10 birds per handline @ 35 psi is run at one time). At the time of the examination, all of the sprinklers/handlines were in storage. The landscaped yard is irrigated by a timers. There are 15 stations, 6 rainbirds per station, one rainbird=1/2" riser mounted impact head, flow is 1.5 gpm.

Although I could not find the same amount of irrigated acres as permitted, I documented what I thought was appropriate. I suggested to Scott Curtis that they may provide other documentation to prove the additional acres (directed mostly at the SE 1/4 of Section 16). He repeated the statement about the department are the ones to be confronted, i.e. incompetency and procrastination.

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

F. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method:

EXAM FEE LIMIT ?
 PERMIT 1.30
 MEASURED 1.32
 RECOMMEND 1.30

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 12.4(3.5) = 43.4$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = (0.25) 184(1.9835) = 91.2$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 43.4 \checkmark_{I.R.}$$

2. Volume Calculations for Other Uses:

POND #1 = $140' \times 85' \times 12' \text{ deep} = 3.27 \text{ ac.}$ (0.3 ac surface)
 #2 = $225' \times 90' \times 7' = 3.25 "$ (0.5 " " ")
Ponds 6.52 ft³ 0.8 ac Surface Only

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	FROM STORAGE	Period of Use From To	Rate of Diversion Q (cfs)	Annual Volume V (afa)
IRRIGATION	4/15	10/15	0.25	43.4
IRRIGATION STORAGE	1/1	12/31		6.52
RECREATION	1/1	12/31		" "
AESTHETIC	1/1	12/31		" "
DIVERSION TO STORAGE	1/1	12/31	1.30	" "
Totals:			1.30	49.92

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

Georgia Satterlee Date 17 June 98

Reviewer

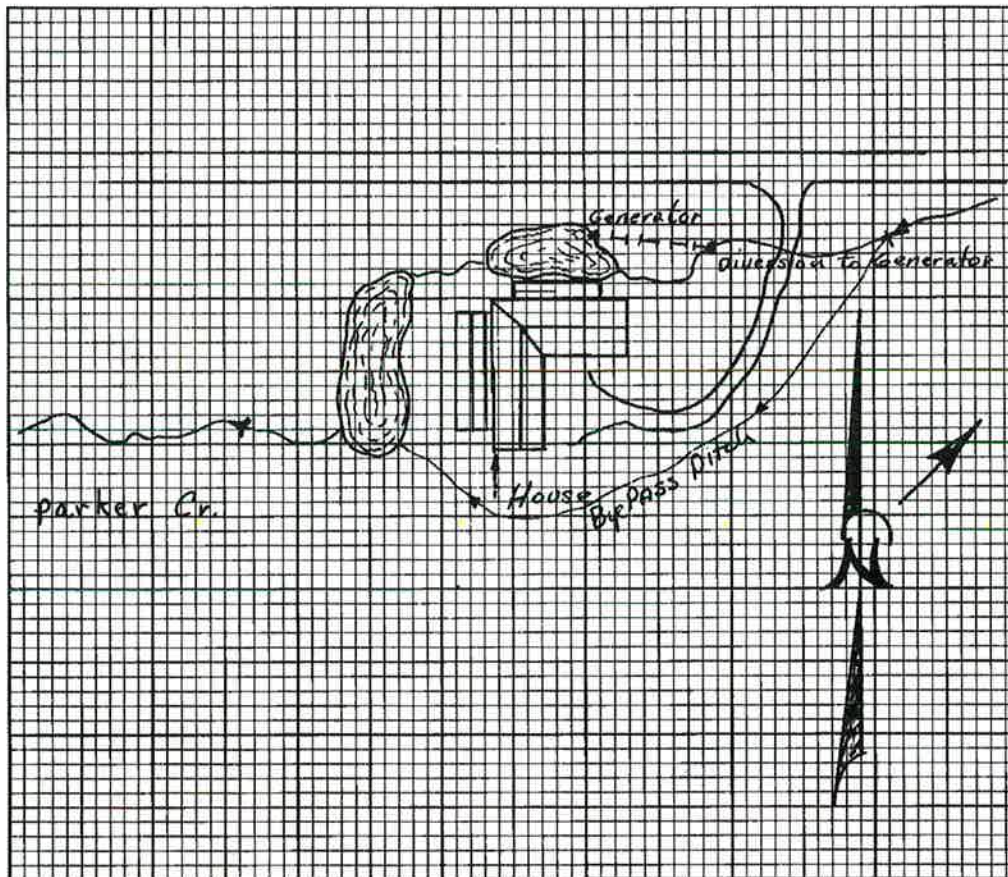
Date

SEAL

Phone No. /-726-3102

- | Place(s) of Use: | | Irrigation - give acres served by system at time of exam.
Indicate Method of Determination <u>Property Survey</u> | | | | | | | | | | | | | | | | | |
|------------------|------|--|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Twp. | Rge. | 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 | |
| 1N | 18E | 10 | | | | | | | | | | | | | | | | | |
| | | 15 | | | | | | | | | | | | | | | | | |
| | | 10 | | | | | | | | | | | | | | | | | |
| | | 15 | | | | | | | | | | | | | | | | | |
| | | 15 | | | | | | | | | | | | | | | | | |
| | | | Total Acres <u>9</u> | | | | | | | | | | | | | | | | |

10. Other water rights on these lands _____
11. Other water right diverted from same p.d. _____
12. **Diversion and Delivery System Diagram:** Indicate all major components and distances between components. Indicate ditch size/pipe i.d. as applicable. Indicate on systems with measurement port the distance between the port and the nearest component/pipe bend/restriction both upstream and downstream, and the inside pipe diameter at the measurement port. On multiple diversion systems indicate how diversion systems are connected.



13. ☐ Photo of Diversion & System Attached ☐ Aerial Photo of Place of Use Attached or Map of Irrigated Acreage Attached

14. Remarks The water used on this place is mostly used for
aesthetics. Shrubs, flower beds & lawn. A small generator
was set-up to demonstrate the power use. 4" DIA pipe is
used to divert the water to the power plant.

15. 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

16. Examiner's/Consultant's Signature Larry Funderburg Date 12/22/86
 Consultant's License Number _____
 IDWR Director's Authorization to Conduct
 Beneficial Use Examination _____

Date

CONSULTANT SEAL

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

37-7707
Permit No.

1. Measurement Calculations

a) Field Measurement Calculations (Include theoretical capacities and system capacity)

b) Volume Calculations for Irrigation:

$$\begin{aligned} V_{I.R.} &= (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{(9)(3)} = \underline{27 \text{ ACFt/ANN.}} \\ V_{D.R.} &= [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}} \\ V &= \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}} \end{aligned}$$

c) Volume Calculations for Other Uses:

2. Overlap Review

a) Other water rights with same place of use: _____

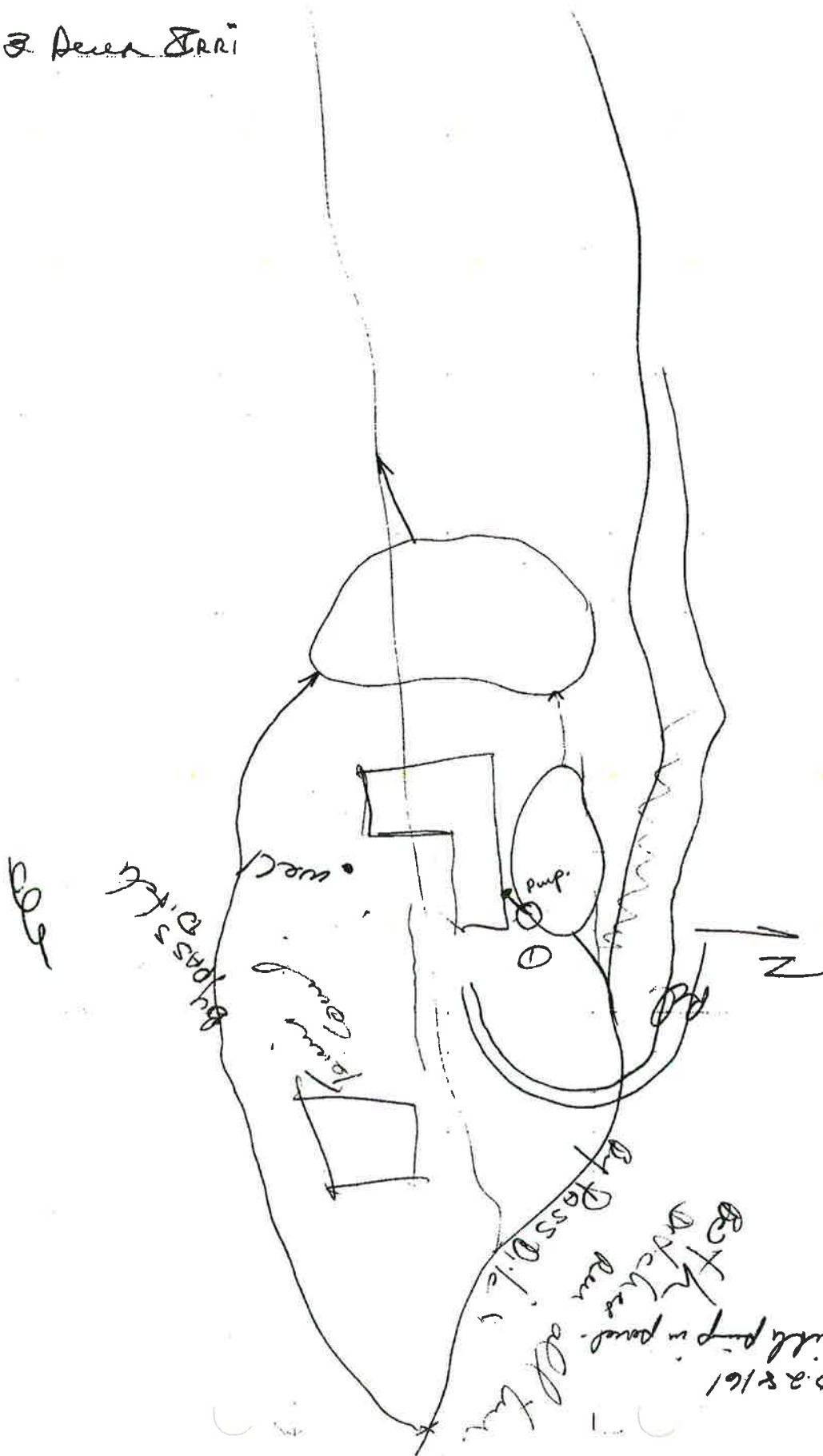
b) Other water rights with same point of diversion: _____

c) Analysis:

RECOMMENDED AMOUNTS

[illegible]

3 Area 881



2

\$120.00



motor & pump information

1/2 hp.

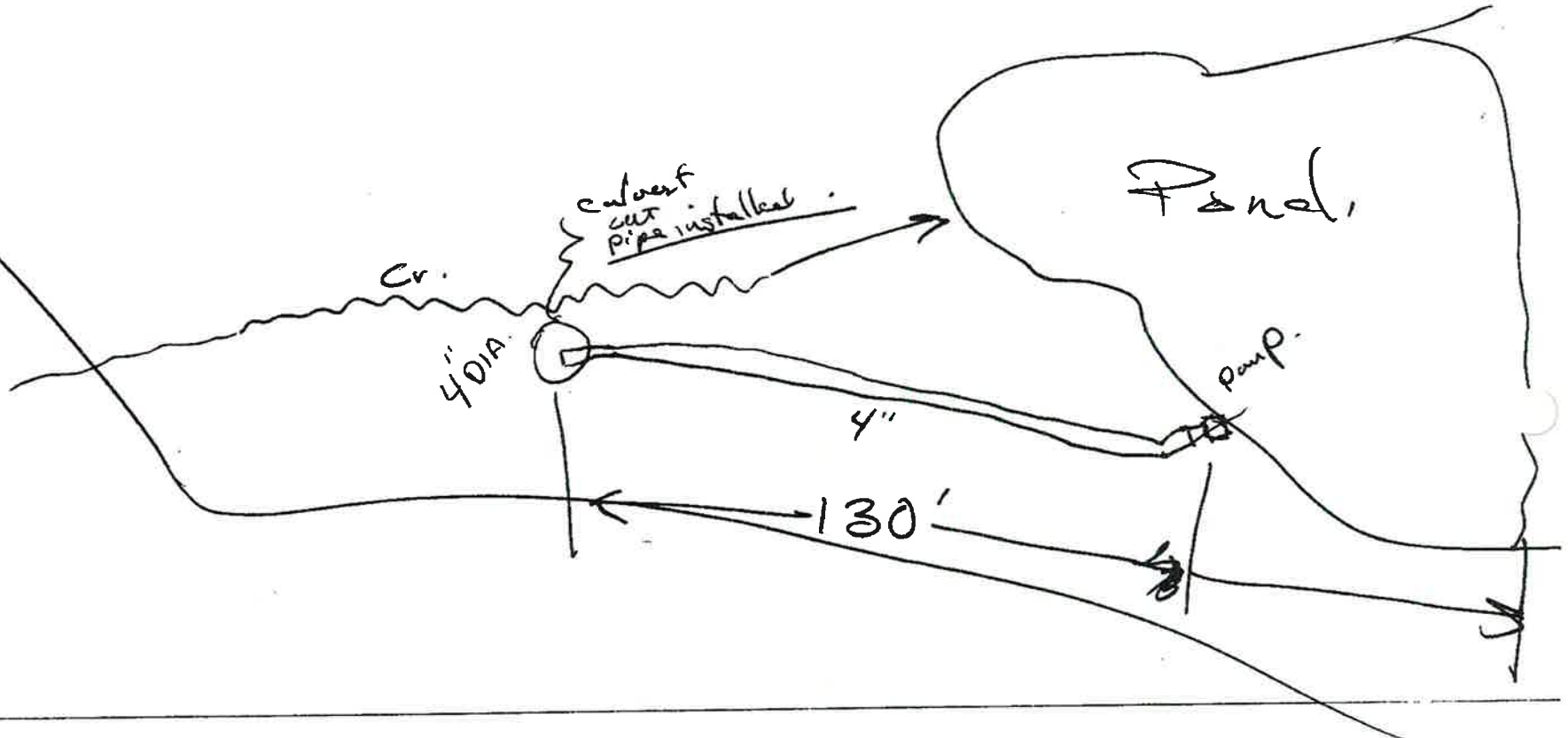
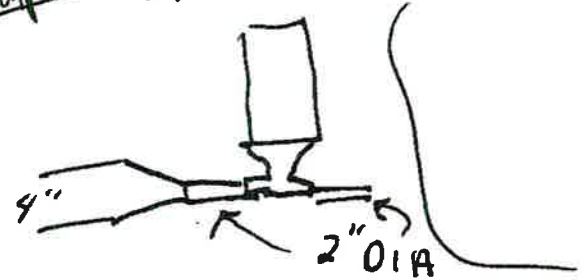
17.25 RPM

60 cycle

115 - 230

3.5 Amps

10' Fall
17'



MEMORANDUM

Date: June 17, 2005
To: Water Right File 37-7707
From: eretelle
Re: field evaluation

On June 16, 2005, I conducted a third field evaluation of the system associated with this permit. I was accompanied by Allen Merritt and Nick Treasure from Southern Region.

PoD was located by GPS in the SESW of Section 10, T4N, R18E. Since this location was not included on the application/permit, it will need to be amended. No flow measurements were attempted because the water flows were extremely low at this time. The measurement from the May, 1998 exam will be used as the system capacity since the permit-holder has the ability to divert 100% of the flow using the 2 small dams at the PoD (see photos).

The **uses** covered under the permit are: Diversion to storage
Recreation storage
Aesthetic storage
Irrigation storage
Irrigation from storage
Power

The license will reflect the diversion to storage, storage components and aesthetic flow-through in place of the power use.

The **volume** licensed will be (1) the volume of the ponds (2) the volume of water lost to evaporation from the ponds (3) irrigation volume. The license will be conditioned so that pond #1 can be filled multiple times throughout the irrigation season since the volume of water used for irrigation exceeds the volume of the pond.

- (1) volume of pond #1 (from 1998 field exam) = 3.27 af
volume of pond #2 (from 1998 field exam) = 3.25 af
6.52 af
- (2) surface area of pond #1 = 0.3 acres
surface area of pond #2 = 0.5 acres
0.8 acres

evaporation in area, appx. 30"/yr (IDWR transfer memo #26)
precipitation in area, appx. 19"/yr (<http://www.wrcc.dri.edu/>)
11" evaporation loss

0.8 acres x 11" = 0.73 af evaporation loss/year

(3) Irrigated acres were determined using ArcView and the 1998 field exam map and narrative. The 1998 narrative states that the northern pasture area (about 4 acres) was irrigated by sprinklers, which the permit holder said were in storage. All investigators on the 2005 field evaluation agree that the northern pasture, although fenced, does not appear any more irrigated than the surrounding lands. Furthermore, no sprinklers were found in that area. Also, it seems fairly unlikely that water is, or ever has been, pumped from pond #1 with a 1hp pump up the steep gradient and over the long distance to the northern pasture. The other acres identified as irrigated downstream of the home and ponds are also somewhat questionable, but the possibility remains that they are irrigated with portable sprinklers or hoses that were not in place at the time of our visit. Therefore, the acres recommended on the license include those recommended in the 1998 field exam, less the acres in the northern pasture. $12.4 \text{ acres} - 4 \text{ acres} = 8.4 \text{ acres}$ (consistent with "red" areas on 1990's IR photos).

$$8.4 \text{ acres} \times 3.5 \text{ af/a} = 29.4 \text{ af}$$

$$\text{volume} = 0.73 \text{ af} + 6.52 \text{ af} + 29.4 \text{ af} = 36.7 \text{ af}$$

$$\text{Aesthetic volume} = 1.3 \text{ cfs} \times 365 \text{ days} \times 1.98 = 941 \text{ af}$$

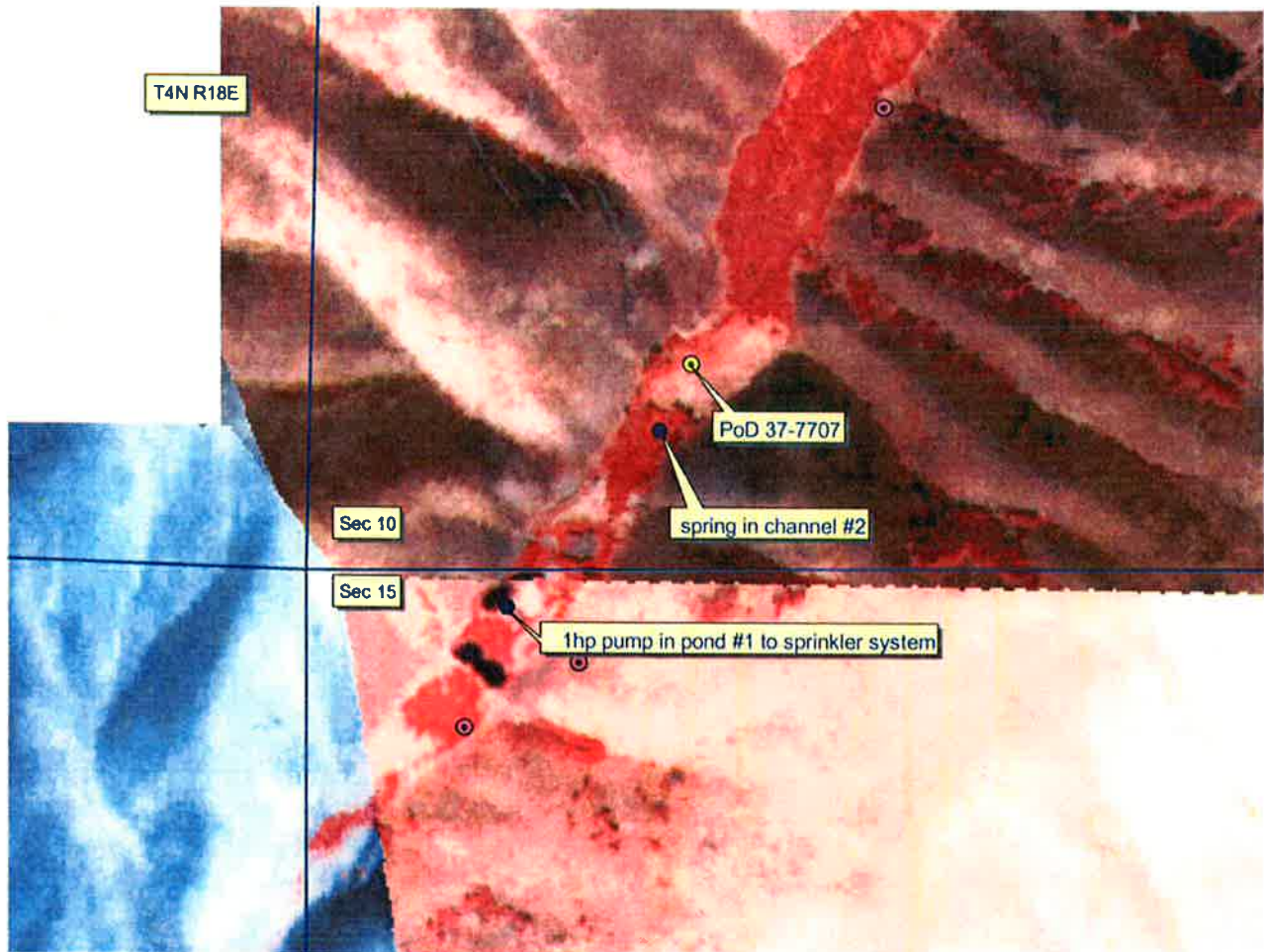
Irrigation from pond #1 only.

Irrigation season adjusted to standard.

Water District 37. Measuring device required on permit. No measuring device found during field examinations. The watermaster communicated to me by phone that Parker Gulch is considered to be a dry stream and it was not typically regulated. An order will be prepared removing the measuring device requirement.

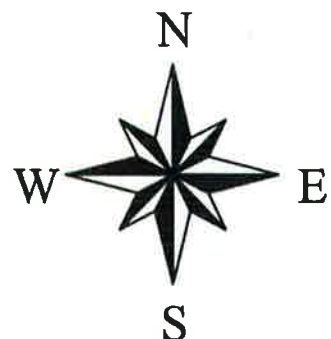
The 20 photographs taken on June 16th are attached.

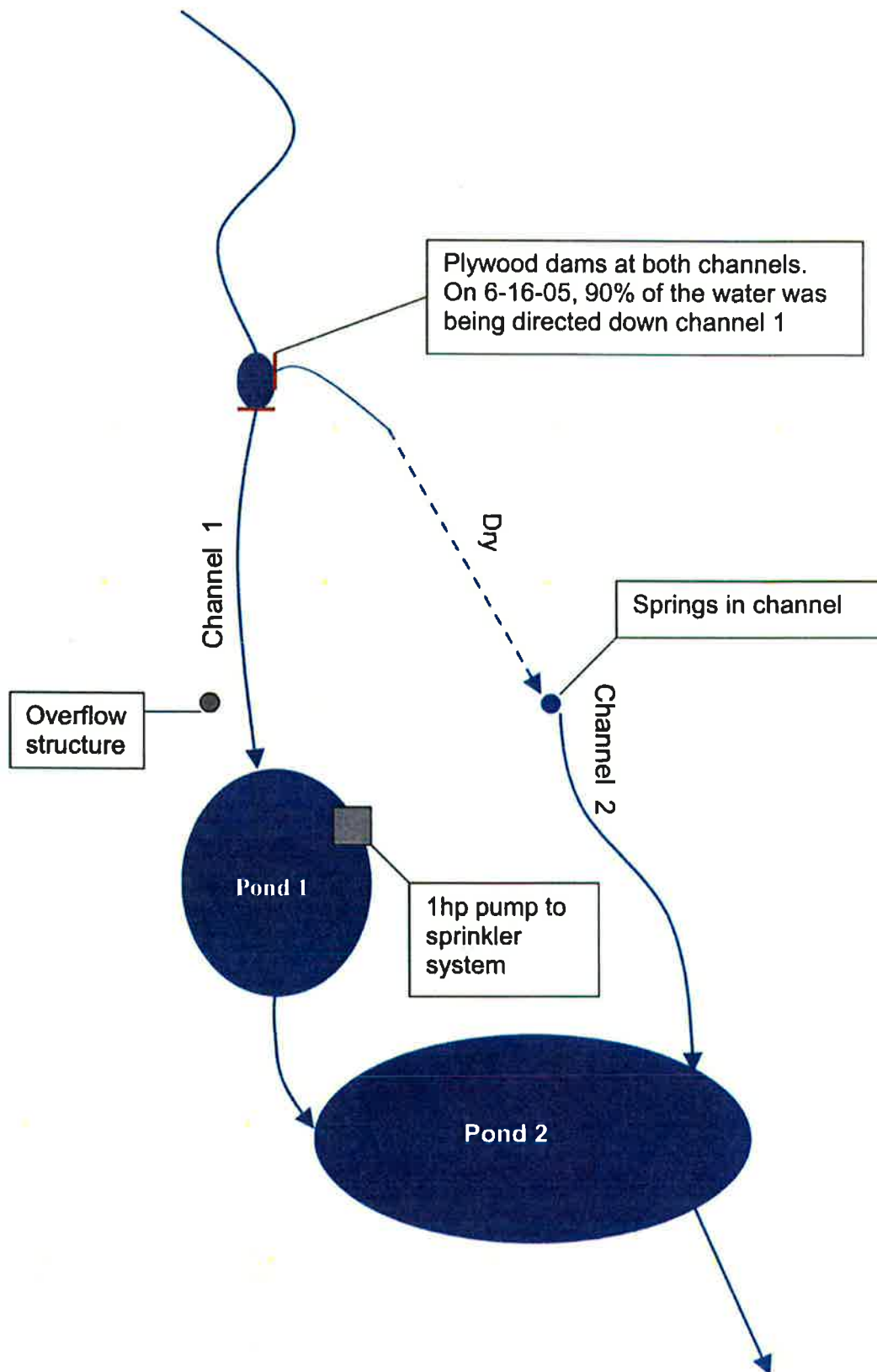
37-7707



0.2 0 0.2 0.4 Miles

- Right POD
- Gps 6-16-05.shp
- Administrative BasinsAdminbas.shp
- Township/Range
- Sections





6/9/94

COMMUNICATION DOCUMENTATION

Claim No. A37-07707

This form is to be used to document public record information requests regarding any SRBA claim or claims. The form may also be used to document IDWR communications requesting information regarding any SRBA claim or claims when the request is not made in writing or the claim verification report is not readily available to document the request. This form is to be filed in all relevant claim files or a central office file.

IDWR Employee/Agent Steve Clelland

September 8, 1997 2:47pm

NAME:

CARL CURTIS

CAMEIN

RE:

FILE SRBA CLAIM A37-07707

HE CAME IN TO FINISH FILING ON HIS SRBA CLAIM. THE CLAIM IS BASED ON A PERMIT AND SO THE CLAIM WAS WRITTEN UP SIMILAR TO THE PERMIT FOR AMOUNTS AND LOCATIONS. IT DID APPEAR IN DISCUSSING THE SITE THAT THE ACTUAL USES ARE QUITE DIFFERENT THAN THE PERMIT DESCRIPTIONS AND LOCATIONS.