

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: A29-07594
Date Received: 4/13/1990
Receipt No: 6013156
Received By: SA

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: CHERI L. HALL 208-232-6177
Address: 8549 N. PARKS RD.
POCATELLO, ID 83201

OR

Name: CORDELL DAVID HALL 208-232-6177
Address: 8549 N. PARKS RD.
POCATELLO, ID 83201

2. Date of Priority: MAY 01, 1981

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
06S	35E	20	SW	NW			BANNOCK

5. Description of diverting works:
100'X6" WELL WITH 3/4HP PUMP. PIPED TO TWO HOMES/HYDRANTS

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	03/15	11/15	0.040		
STOCKWATER	01/01	12/31	0.020		
DOMESTIC	01/01	12/31	0.060		

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

8. Total consumptive use is 3.0 Acre Feet Per Annum.

9. Non-irrigation uses:
TWO HOMES, SINGLE OWNERSHIP, 3 HEAD CATTLE, 2 HORSES

A29-07594

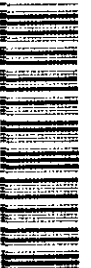
Page 1

Date: 04/13/90

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NOV 13 1992

A2907594



10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
06S	35E	20	SW	NW		IRR	1.2
			SW	NW		DOMEST	
			SW	NW		STOCK	

Section Acres 1.2

Total Acres 1.2

11. Place of use in counties: BANNOCK

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

13. Other Water Rights Used:
29-04195 FOR STOCKWATERING

14. Remarks:

15. Basis of Claim: LICENSE

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: 0

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): Conrad D. Hall Date: 4-13-90
Date:

State of Idaho
County of Bonneville) SS.

Subscribed and sworn (or affirmed) before me this 13 day
of April 19 90

[Signature]
Notary Public

Seal

Residing at Idaho Falls, Id.
My Commission Expires 22 Aug 1994

04/02/2001

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

RIGHT NUMBER: 29-7594

NAME AND ADDRESS: CHERI L HALL
CORDELL DAVID HALL
8549 N PARKS RD
POCATELLO, ID 83201

SOURCE: GROUND WATER

QUANTITY: 0.06 CFS
5.4 AFY

PRIORITY DATE: 05/01/1981

POINT OF DIVERSION: T06S R35E S20 SWSNW Within BANNOCK County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	03-15 11-15	0.04 CFS
		4.10 AFY
STOCKWATER	01-01 12-31	0.02 CFS
		0.10 AFY
DOMESTIC 2 HOMES	01-01 12-31	0.06 CFS
		1.20 AFY

PLACE OF USE:

IRRIGATION Within BANNOCK County
T06S R35E S20 SWNW 1.2
STOCKWATER Use same as IRRIGATION
DOMESTIC Use same as IRRIGATION

1.2 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

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Recommended Right Report

WATER RIGHT NO. 29-7594

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	CHERIL HALL
Current Owner	CORDELL DAVID HALL
	8549 N PARKS RD
	POCATELLO, ID 83201
	(208)232-6177

Priority Date: 05/01/1981
Basis: License
Status: Active

Source Tributary to
GROUND WATER

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>	<u>Subuse Code</u>
IRRIGATION	03/15	11/15	0.04 CFS	4.1 AFA	
STOCKWATER	01/01	12/31	0.02 CFS	0.1 AFA	
DOMESTIC	01/01	12/31	0.06 CFS	1.2 AFA	
Total Diversion			0.06 CFS	5.4 AFA	

Location of Point(s) of Diversion:

GROUND WATER SWSWNW Sec. 20 Township 06S Range 35E BANNOCK County

IRRIGATION Use:
Acre Limit: 1.2

DOMESTIC Use:
Number of homes: 2

Place(s) of use:

Place of Use Legal Description: IRRIGATION BANNOCK County

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>	<u>Lot</u>	<u>Tract</u>	<u>Acres</u>
06S	35E	20		SWNW	1.2									

Place of Use Legal Description: STOCKWATER same as IRRIGATION

Place of Use Legal Description: DOMESTIC same as IRRIGATION

Total Acres: 1.2

Conditions of Approval:

1. C18 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.

Comments:

Author	Date	Subject	Comment
csaxton	4/2/01	Recommendation	Recommended as licensed.

Dates:

Licensed Date: 02/17/1989
 Claim Received Date: 04/13/1990
 Enlargement Use Priority Date:
 Enlargement Statute Priority Date:
 Decreed Date:
 Date Filed with Court:
 Objection Filed Date:
 SF5 Filed:
 Special Master Recom Signed Date:

Element Reviewed/Verified Dates:

Element	Last Review Date	Reviewer	Last Verified Date	Verifier	Status
Contacts	4/2/01 1:23:04 PM	csaxton			In Process
POD	4/2/01 1:24:23 PM	csaxton			In Process
POU	4/2/01 1:27:25 PM	csaxton			In Process
Priority Date	4/2/01 1:23:53 PM	csaxton			In Process
Quantity	4/2/01 1:30:53 PM	csaxton			In Process
Season	4/2/01 1:29:15 PM	csaxton			In Process
Source	4/2/01 1:24:10 PM	csaxton			In Process
Summary	4/2/01 1:37:51 PM		4/2/01 1:37:51 PM	csaxton	Complete
Use	4/2/01 1:26:50 PM	csaxton			In Process

Other Information:

Receipt Number(s): F013156
 State or Federal: S
 Owner Name Connector: OR
 Water District Number:
 Generic Max Rate per Acre:
 Generic Max Volume per Acre:
 Civil Case Number:
 Old Case Number:
 Decree Plaintiff:
 Decree Defendant:
 PresumptionFlag:
 Notice of Error Flag:
 Swan Falls Trust or Nontrust:
 Swan Falls Dismissed:
 DLE Act Number:
 Cary Act Number:
 Mitigation Plan: False

Verification Log:

Element	Date Time Stamp	Reviewer	Log Text
Contacts	4/2/01 1:23:02 PM	csaxton	1. Appointment has not been scheduled. Comment for 1: Letter sent to claimant 4/2/01. See file.
POD	4/2/01 1:27:56 PM	csaxton	Edited point location
POD	4/2/01 1:24:21 PM	csaxton	1. (NO) The basis is not beneficial use. 2. (YES) Parent right has a Point of Diversion. 3. (YES) The claimed Point of Diversion can be verified using the water right file. 8. (NO) Point of Diversion remark was not required. 9. (NO) Point of Diversion condition was not required.
POU	4/2/01 1:31:04 PM	csaxton	Edited shape boundary
POU	4/2/01 1:27:23 PM	csaxton	1. (YES) The POU is required. 2. (NO) The basis of claim is not beneficial use. 3. (YES) The Parent Right has a POU. 4. (YES) The claimed POU can be verified using the water right file.

Priority Date	4/2/01 1:23:51 PM	csaxton	12. (NO) POU remark was not required. 13. (NO) POU condition was not required. 1. (NO) There has not been a later court decree of the water right(s) from the water source. 4. (NO) The basis of claim is not beneficial use. 5. (NO) The basis of claim is not a posted notice. 6. (YES) Parent right has a priority date. 7. (NO) The basis of claim is not an application or permit. 12. (YES) The claim is recommended. 13. (YES) The claim is coded correctly. 14. (NO) Priority remark was not required. 15. (NO) Priority condition was not required.
Quantity	4/2/01 1:30:51 PM	csaxton	1. (NO) The basis of claim is not beneficial use. 2. (NO) The basis of claim is not a posted notice. 3. (YES) The parent right has a diversion rate and/or diversion volume. 4. (YES) The claimed diversion rate and/or volume can be verified using the water right file. 7. (YES) The parent right has an annual diversion volume limit. 8. (YES) Irrigation is a purpose of use. 9. (NO) Quantity remark was not required. 10. (NO) Quantity condition was not required.
Season	4/2/01 1:29:13 PM	csaxton	1. (NO) The basis of claim is not beneficial use. 2. (YES) The parent right has a period of use. 3. (YES) The claimed Period of Use can be verified using the water right file. 12. (YES) Irrigation is the purposed use. 14. (NO) The period of use on the decree, license or transfer is not shorter on either the start or end date than allowable under IDWR's current standard. 15. (NO) Period of Use remark was not required. 16. (NO) Period of Use condition was not required.
Source	4/2/01 1:24:07 PM	csaxton	1. (NO) The basis is not beneficial use. 2. (YES) Parent right has a source. 3. (YES) The claimed source can be verified using the water right file. 8. (NO) The source is not surface water. 10. (NO) Source remark was not required. 11. (NO) Source condition was not required.
Summary	4/2/01 1:37:49 PM	csaxton	1. (NO) The basis of the claim is not beneficial use. 3. (NO) There is no indication that there has been a five year period of continuous nonuse that could result in a recommendation of forfeiture or partial forfeiture. 5. (NO) General remark was not required. 6. (NO) Explanatory remark was not required. 7. (YES) Additional condition was required. 8. (YES) Wanted to view the recommended right. 9. (NO) This is not a split right. 10. (NO) This is not a combined right. 11. (NO) Documents were not linked or attached to this file. 12. (YES) Set the verification date.
Use	4/2/01 1:26:49 PM	csaxton	1. (NO) The basis of claim is not beneficial use. 2. (YES) The parent right has a purpose of use. 3. (YES) The claimed purpose of Use can be verified using the water right file. 11. (NO) Purpose of Use remark was not required. 12. (NO) Purpose of Use condition was not required.

Log for claim A29-07594

Spatial Dynamics BTD

9/25/00

TR	SEC	QQ	Acres Claimed	Acres Found	COMMENT
06s35e	20	SWNW	1.2	2.7	
Totals:			1.2	2.7	

- Recommend as licensed

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 05/24/00
PAGE: 121

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	CORDELL DAVID HALL	05/01/1981	IRRIGATION	03-15 11-15	0.040 CFS	
C	CHERI L HALL		STOCKWATER	01-01 12-31	0.020 CFS	
	8549 N PARKS RD		DOMESTIC	01-01 12-31	0.060 CFS	
	POCATELLO ID 83201					
	(208) 232-6177					
				TOTAL DIVERSION:	0.060 CFS	
				CONSUMPTIVE USE:		3.00 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion: T06S R35E S20

SWNU

BANNOCK County

Place of use Legal Description for: IRRIGATION

				NE				NW				SW				SE																					
				NENE	NWNE	SWNE	SENE					NENW	NWNW	SWNW	SENW					NESW	NWSW	SWSW	SESW					NESE	NWSE	SWSE	SESE						
T	R	S	:	Lt Ac	Lt Ac	Lt Ac	Lt Ac	:	Lt Ac	Lt Ac	Lt Ac	Lt Ac	:	Lt Ac	Lt Ac	Lt Ac	Lt Ac	:	Lt Ac	Lt Ac	Lt Ac	Lt Ac	:	Lt Ac	Lt Ac	Lt Ac	Lt Ac	:	Lt Ac	Lt Ac	Lt Ac	Lt Ac	SUM				
06S	35E	20	:					:					:					:					:					:					1.2				
																																TOTAL ACRES					1.2

Place of use Legal Description for: STOCKWATER

				NE				NW				SW				SE									
				NENE	NWNE	SWNE	SENE	:	NENW	NWNW	SWNW	SENW	:	NESW	NWSW	SWSW	SESW	:	NESE	NWSE	SWSE	SESE	:		
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:
---	---	---	:	---	---	---	---	:	---	---	---	---	---	:	---	---	---	---	:	---	---	---	---	---	:
06s	35F	20	:					:			S		:					:						:	

Place of use Legal Description for: DOMESTIC

								NE				NW				SW				SE							
								NENE	NWNE	SWNE	SENE	:	NENW	NWNW	SWNW	SENW	:	NESW	NWSW	SWSW	SESW	:	NESE	NWSE	SWSE	SESE	:
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:
---	---	---	:	---	---	---	---	---	---	---	---	---	---	:	---	---	---	---	---	---	---	---	---	---	---	---	:
06s	35E	20	:											:			D									:	

POU County: BANNOCK

Non-Irrigation Uses: TWO HOMES, SINGLE OWNERSHIP, 3 HEAD CATTLE, 2 HORSES

Other Rights: 29-04195 FOR STOCKWATERING

Other Water Rights with Same Point(s) of Diversion with Stage (Includes All Sources):

29-04243	29-07210	29-07274	29-11171	29-11249	A29-00443C	A29-00443I	A29-00444A	A29-04195	A29-04243
A29-07210	A29-07274	A29-10000	A29-10783	A29-11171	A29-11249				

Other Water Rights Listing Overlapping Place(s) of Use:

A29-00443 A29-00443C A29-00443H A29-00443I A29-00444 A29-00444A A29-04195 A29-04367 A29-10000 A29-10783

Dates: Exam Made Date: Verified Date: Objection Filed Date:

Misc: Water District Number: Field Inspection Flag:
Presumption Flag:

AJ5809NP
No. A29-07594

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 05/24/00
PAGE: 122

Audit: 04/17/90 VERNER 07/28/94 THOMPSON 03/29/95 POST-STD

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 29-07594

Priority: May 1, 1981

Amount: 0.06 CFS

5.4 AFA

This is to certify, that SUSAN HALL
CORDELL DAVID HALL

8549 N. PARKS RD.

POCATELLO, ID 83201

has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated May 1, 1981, and has submitted proof to the Department of Water Resources on May 8, 1986, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of .080 cfs of water from a GROUNDWATER source and that a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
IRRIGATION	03/15 to 11/15	0.04 CFS	4.1 AFA
STOCKWATER	01/01 to 12/31	0.02 CFS	0.1 AFA
DOMESTIC	01/01 to 12/31	0.06 CFS	1.2 AFA
	Totals	0.06 CFS	5.4 AFA

LOCATION OF POINT OF DIVERSION(S):

SWNW , Sec. 20, Township 06S, Range 35E
BANNOCK County

PLACE OF USE: IRRIGATION

<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
06S 35E 20	SWNW 1.2			1.2
				Total number of acres irrigated: 1.2

PLACE OF USE: STOCKWATER, same as IRRIGATION use

PLACE OF USE: DOMESTIC, same as IRRIGATION use

CONDITIONS/REMARKS:

1. The right to the use of water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.

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MAR 03 1989

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 29-07594

CONDITIONS/REMARKS:

4. Domestic use is for 2 homes.

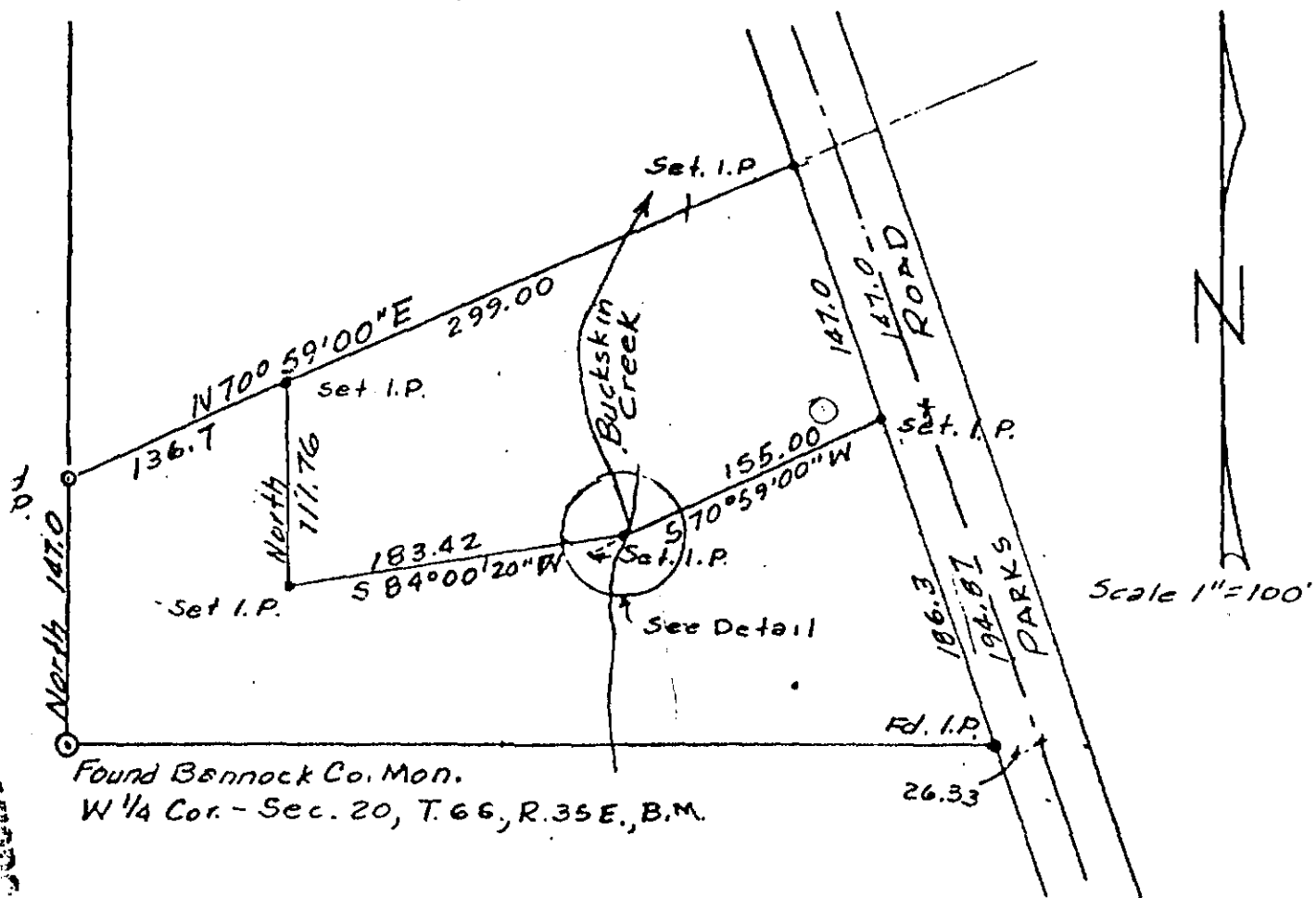
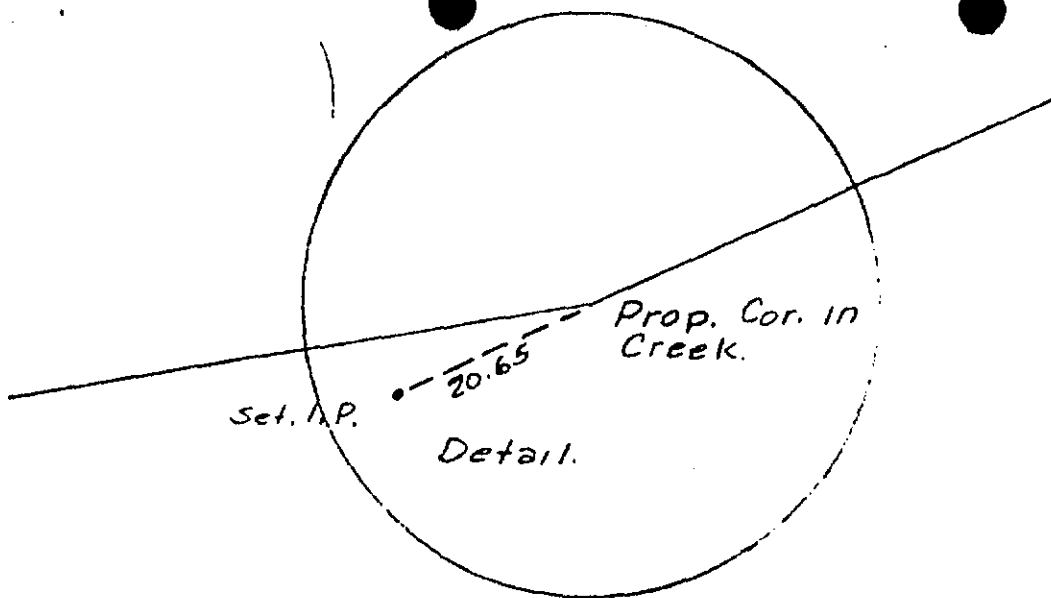
This license is issued pursuant to the provisions of Section 42-219, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this 17TH
day of FEBRUARY, 1989.

Acting for the Director

Norman C. Young

MICROFILMED

MAR 03 1989



HAMILTON & VOELLER, INC.

VALUE
ENGINEERING

Cordell Hall
SW 1/4 NW 1/4 Section 20
T. 66, R. 35 E, B.M.
Bannock County, Idaho.

SCALE 1" = 50'

DRAWN BY RHB CHECKED BY

DATE 8-15-77 JOB NO.

SHEET 1 OF 1

DRAWING NO.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant Cordell David &/or Susan Hall Phone 232-6177

Post office address Parks Road, Pocatello, Idaho 83201

2. Source of water supply ground water which is a tributary of _____

3. Location of point of diversion is SW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 20 Township 6S

Range 35E B.M. Bannock County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.09 for irrigation purposes from Mar. 15 to Nov. 15 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.06 for domestic purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.02 for stockwater purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. 0.15 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. well, pump to sprinkler system,
house and troughs

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir
capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is 6 inches; proposed depth of well is 150 feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial
use is 5 years (minimum 1 year - maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: SW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 20 Township 6S
Range 35E B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered 10 poultry, 2 sheep, pigs

(4) Name of municipality to be served _____, or number of families to be
supplied with domestic water 2

(5) If water is to be used for other purposes describe: _____

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
6S	35E	20							3										3

Total number of acres to be irrigated 3

c. Describe any other water rights used for the same purposes as described above.

Applicants have filed a claim for one acre irrigation from South Fork Pocatello Creek

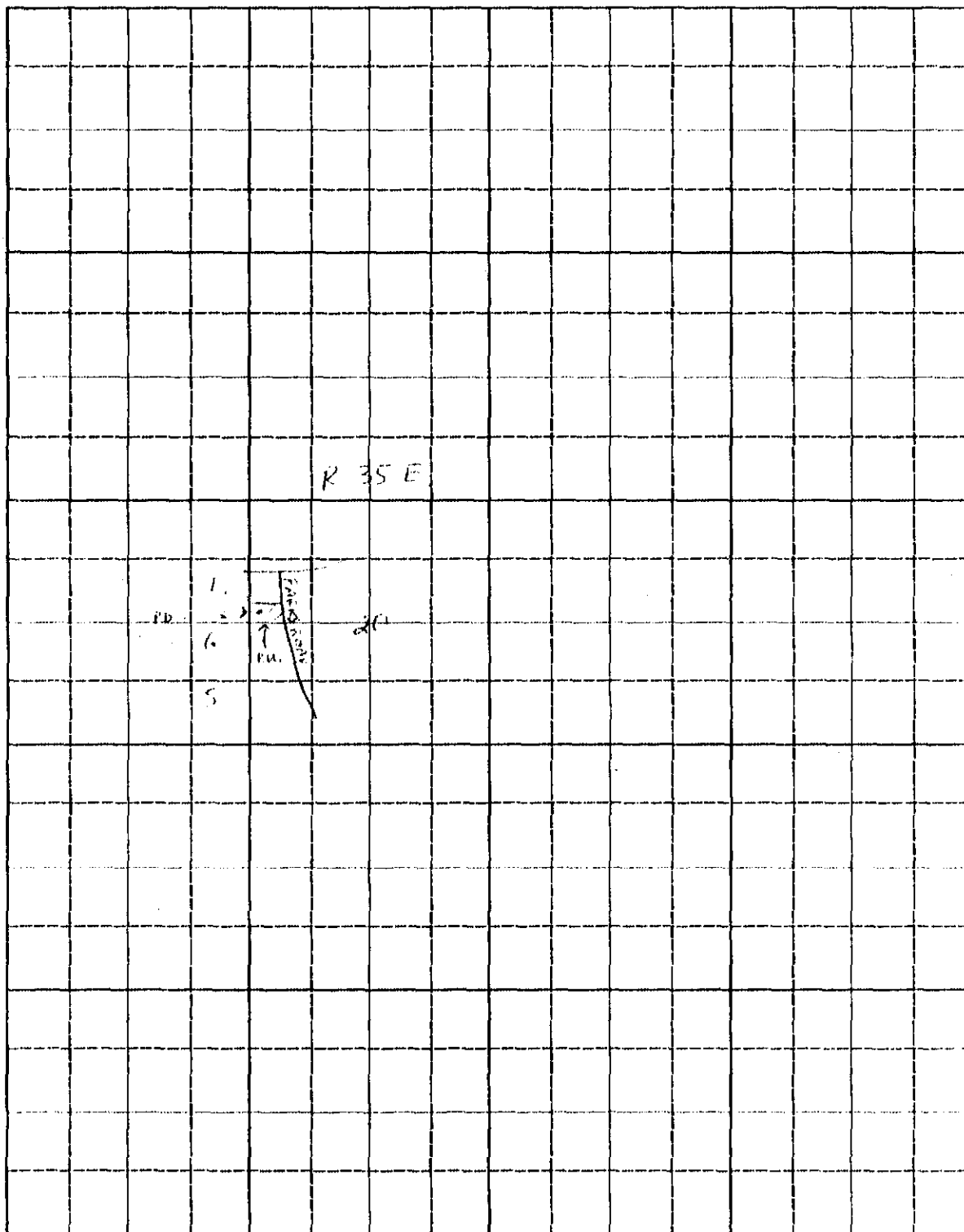
9. a. Who owns the property at the point of diversion Applicants

b. Who owns the land to be irrigated or place of use Applicants

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

10. Remarks

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

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

Susan R. Hall
(Applicant)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 29-7594

1. Owner: Cordell David Hall Phone No. 232-6177

Current Address: 8549 N. Parks Rd., Pocatello, Idaho 83201

2. Accompanied by: owner EXAM. DATE: 6-15-87

Address: _____ Phone No. _____

Relationship to Permit Holder: _____

3. Source: Ground water tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: N.A.

☐ Copies Attached

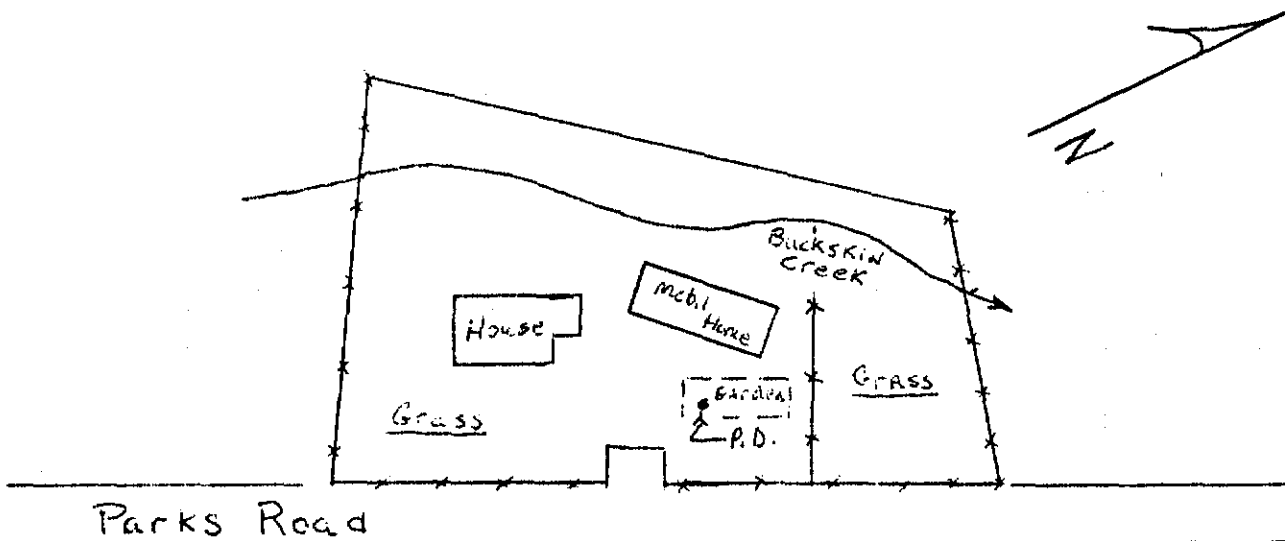
2. Other water rights with same point of diversion: N.A.

☐ Copies Attached

☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☒ Alternative diagram attached



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Scale: 1" = 100'

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

- ☒ Photo of Diversion and System Attached

(required for all but single household domestic groundwater, and stockwater.

- ☐ Aerial Photo Attached
(required for irrigation of 10 acres or more).

System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

Well/pump to two homes and 6-7 rain birds for lawn irrigation.
 The well is also used for stockwater for 4-sheep, 2-pigs, and 3-geese.
 House is approx. 1100 ft² & mobile home 980 ft².
 Well depth = 100' Static water level = approx. 40'
 There is two wells drilled on property but only one is being used.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Submersible	Peabody Barnes	1	67755-1280	Peabody Barnes	N.A.

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			SW	NW	20	65	35 E	Bannock	

6. Place(s) of Use:

Indicate Method of Determination

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	
65	35 E	20							1.16										1.16

RECORDED

MAR 03 1989

Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Pitot guage		Ashcroft			0-100 psi	

2. Measurements:

5- melnor birds with 9/64" nozzles were running for measurement.

x x x x x

22 psi 24 psi 22 psi 19 psi 32 psi

Hose sizes varied from 5/8" to 3/4".

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method: Average bird psi = 24.8, 9/64" nozzle @ 24.8 psi = 2.96 g.p.m.
 $Q = 2.96 \text{ g.p.m.} \times 5 \text{ birds} \div 448.8 \text{ C.F.S.} = .03 \text{ C.F.S.}$

2. Alternate Method for Checking Purposes:

$$\text{Theoretical } Q = \frac{(1.49)(8.814)(.8)}{40 + (20 \times 2.308)} = .08 \text{ C.F.S.}$$

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)
 Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (1.16 \text{ ac.})(3.5) = 4.06 \text{ afa}$$

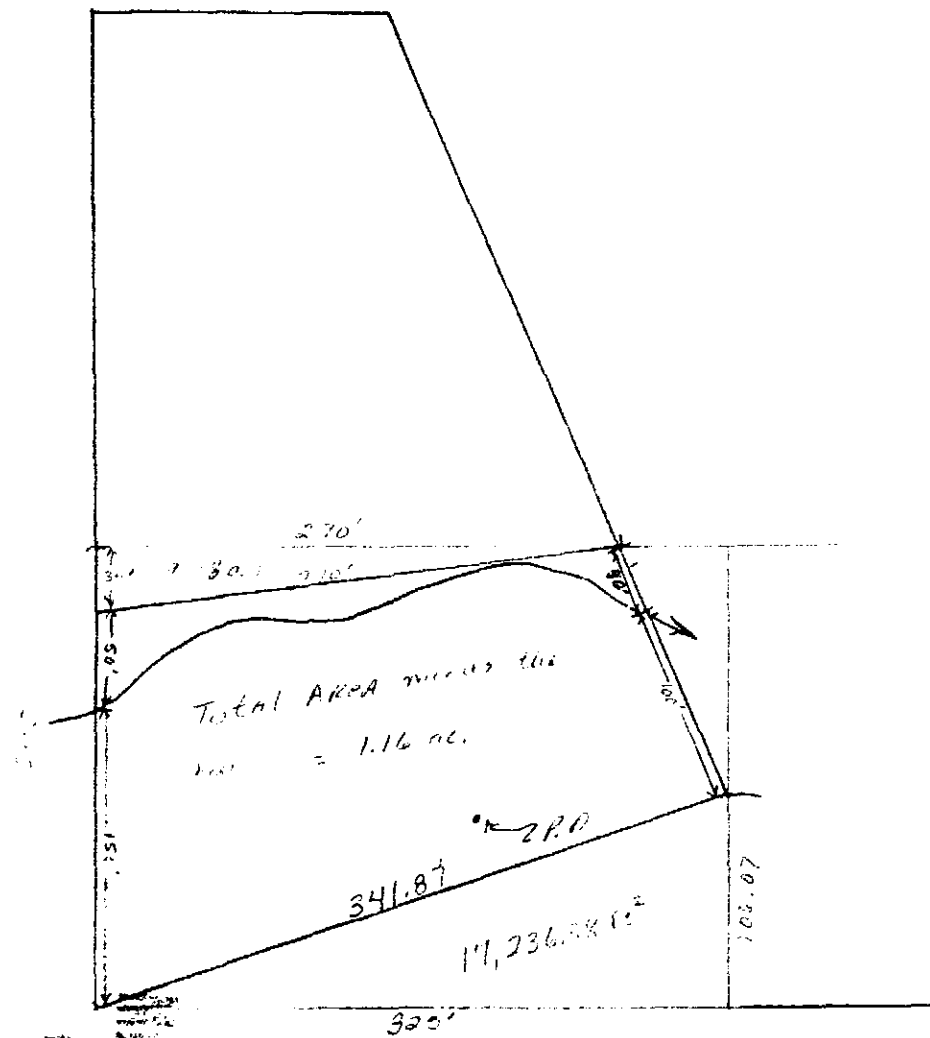
$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = (.03)(245)(1.9835) = 14.58 \text{ afa}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 4.06 \text{ afa}$$

2. Volume Calculations for Other Uses:

MICROFILMED

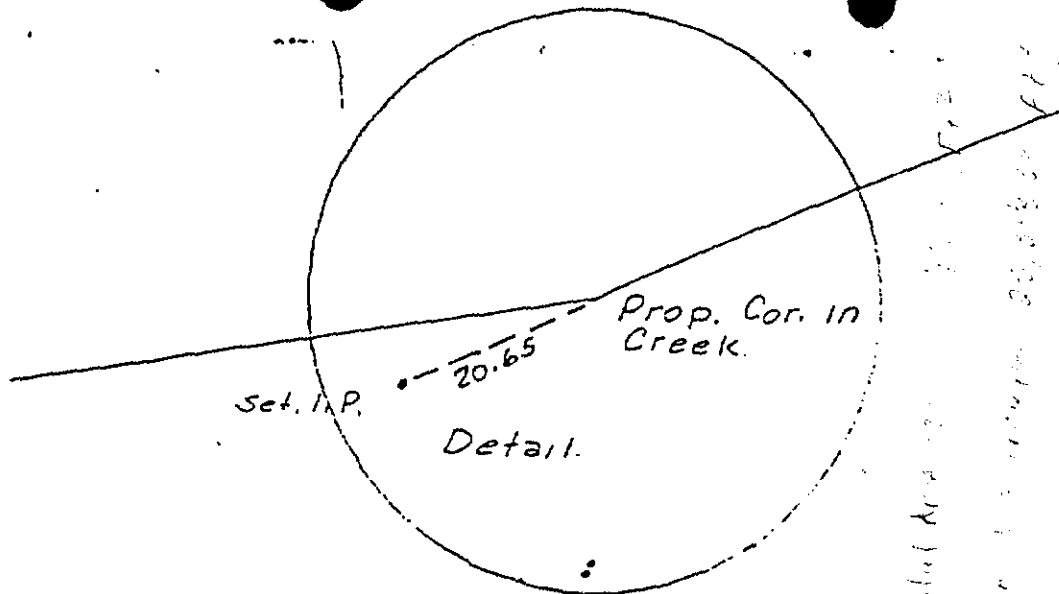
MAR 03 1989



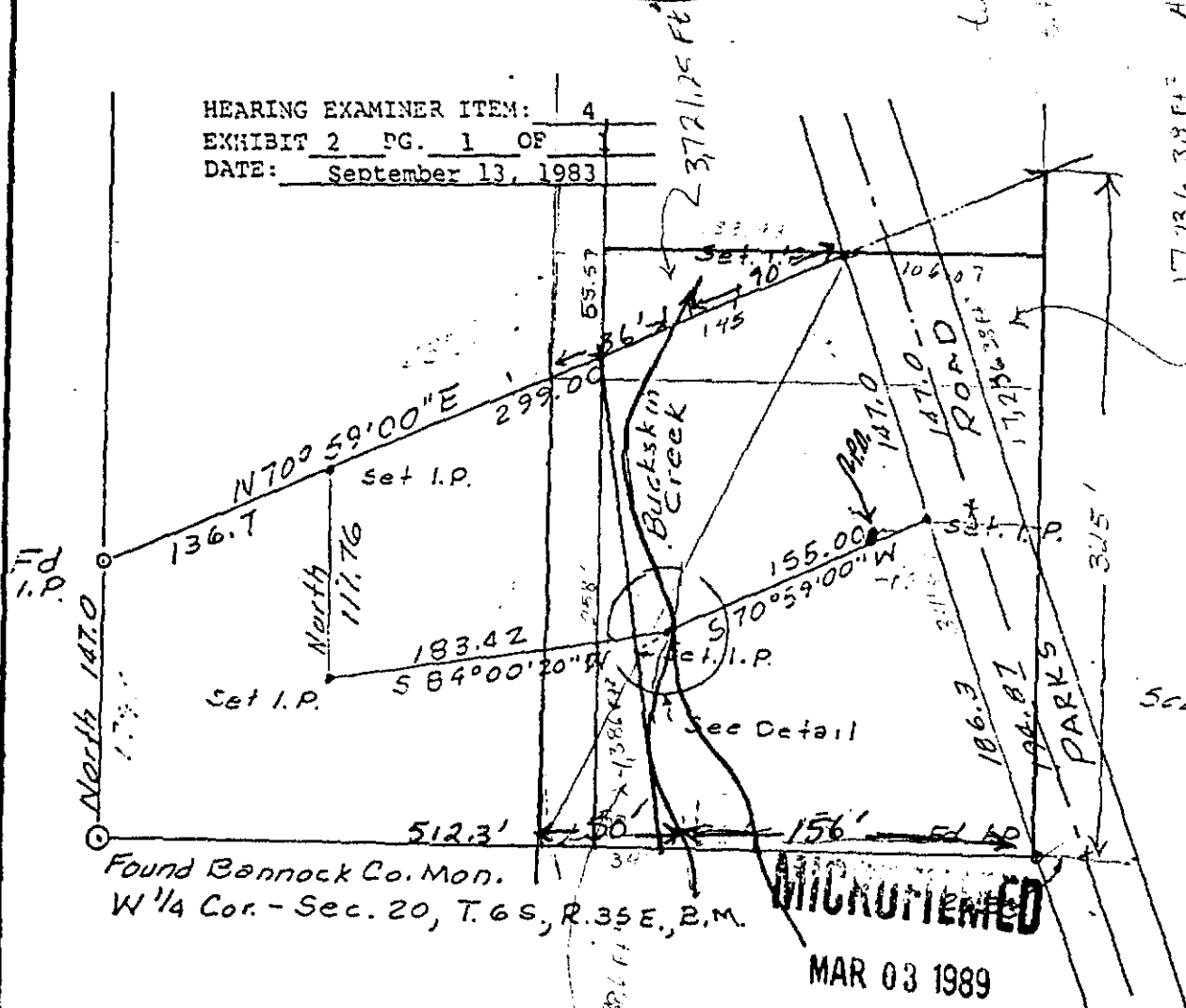
MAN 01.02.19

MAN 01.02.19

Scale 1:1000



HEARING EXAMINER ITEM: 4
 EXHIBIT 2 PG. 1 OF 1
 DATE: September 13, 1983



Scale 1"=100'

UNRECORDED
 MAR 03 1989

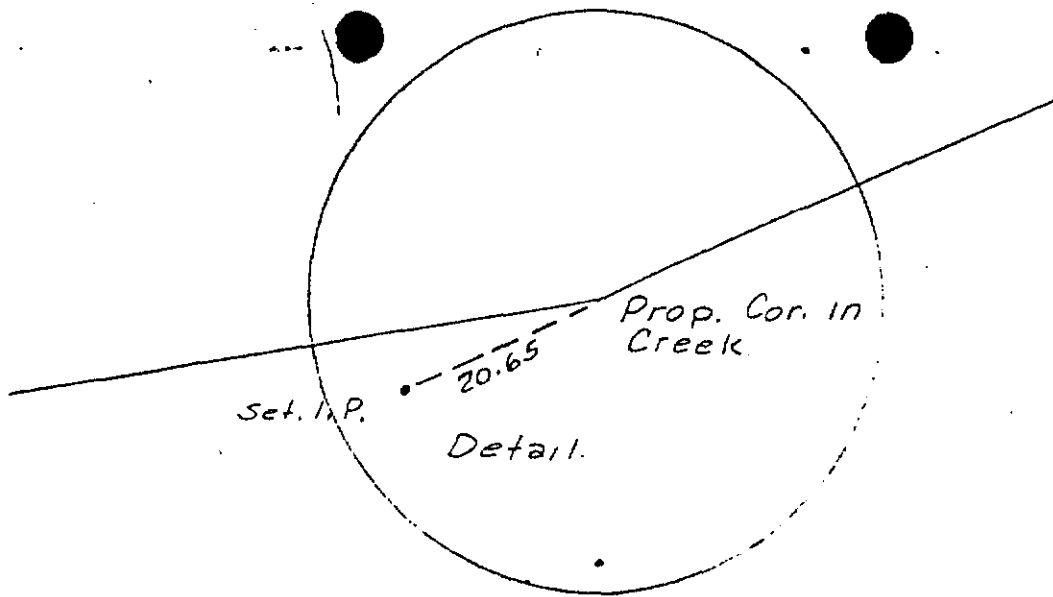


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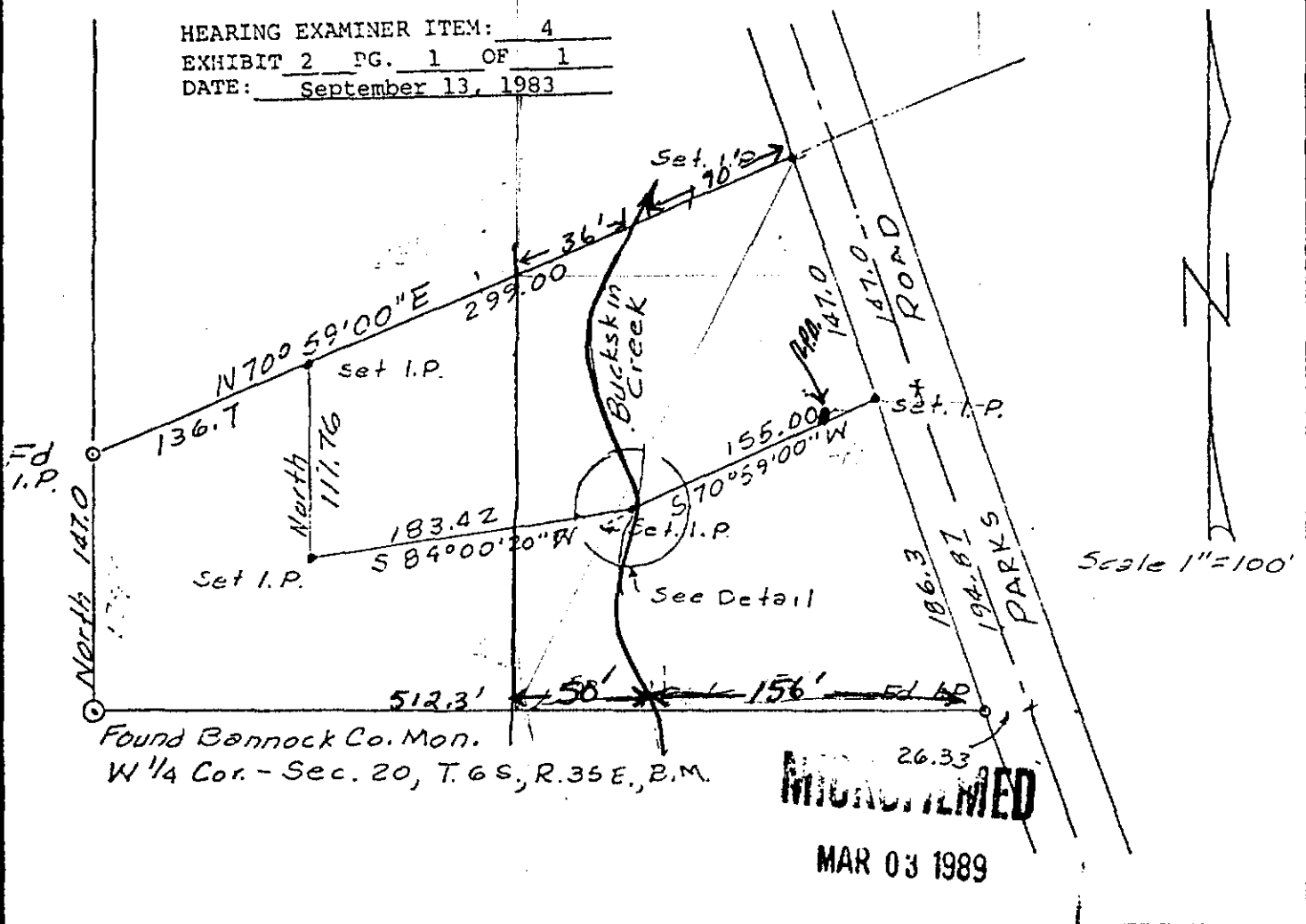
VALUE
ENGINEERING

Cordell Hatt
 SW 1/4 NW 1/4 Section 20
 T.6S., R.35E., B.M.
 Bannock County, Idaho.

SCALE 1"=50	
DRAWN BY RHB	CHECKED BY
DATE 8-15-77	JOB NO.
SHEET 1	OF 1
DRAWING NO.	



HEARING EXAMINER ITEM: 4
 EXHIBIT 2 PG. 1 OF 1
 DATE: September 13, 1983



HAMILTON & VOELLER, INC.

VALUE
ENGINEERING

Cordell Hall
 SW 1/4 NW 1/4 Section 20
 T.6S., R.35E., B.M.
 Bannock County, Idaho.

SCALE 1"=50

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DATE JOB NO.

8-15-77

SHEET 1 OF 1

DRAWING NO.