

OCT 15 2002

Department of Water Resources

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

In Re SRBA

Case No. 39576

A Subcase 37-17396

(Insert water right number)

STANDARD FORM 1
OBJECTION

Please fill in the following information:

B. NAME AND ADDRESS OF PERSON OBJECTING

Name: Faulkner Land & Livestock Co.Address: 1989 S. 1975 E.Gooding, ID 83330Daytime Phone: (208) 934-4093

Name & Address of Attorney, if any:

Norman M. SemankoBarker Rosholt & Simpson LLPP.O. Box 2139Boise, ID 83701-2139

C. CLAIMANT OF WATER RIGHT AS LISTED IN DIRECTOR'S REPORT

Name: United States of America, Dept. of Interior, BLMAddress: Idaho State Office
1387 S. Vinnell Way
Boise, ID 83709-1657

F.

VERIFICATION (Must be Completed)

State of Idaho)

County of Ada) ss.

Norman M. Semanko

(Name of person filing objection)

, duly sworn, upon oath, deposes and says:

That I am the party/claimant filing this objection, as defined by I.C. §§ 42-1401A(1) and (6) or that I am the attorney for the party/claimant objecting and that I have read this objection, know its contents and believe that the statements are true to the best of my knowledge.

(Signature of person filing objection)

[Signature]
(Attorney signing in representative capacity)

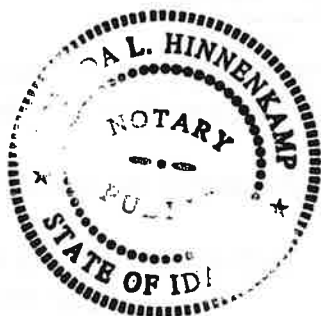
Subscribed and sworn to before me on: October 9, 2002

Brenda L. Hinnenkamp

Notary Public for Idaho

Residing at: Boise Idaho

My Commission Expires: 9/11/2004





State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866 www.idwr.state.id.us

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

August 1, 2002

UNITED STATES OF AMERICA ACTING THROUGH
USDI BUREAU OF LAND MANAGEMENT
IDAHO STATE OFFICE
1187 S VINNELL WY
BOISE ID 83709-1657

RE: Snake River Basin Adjudication (SRBA) Claim No. 37-17396

Dear Claimants:

I have reviewed the Notice of Error reply you returned for the SRBA claim referenced above. You are correct in noting that the Notice of Claim to a Water Right you filed claimed Wildlife as a purpose of use. However, the priority date of this claim is December 10, 1984, and since March 25, 1963 Idaho law has required that the appropriation of ground water must be perfected by means of the application permit and license procedure. The only exception to this is the developing of a well for domestic purposes (which may include stockwater). Because of this law (Section 42-229, Idaho Code) I am limited to recommending only the stockwater component of your claim.

I have included an Application for Permit with instructions that you may use to apply for a water right for wildlife purposes. Also, you will have the opportunity to file an objection to the Director's Report recommendation of claim no. 37-17396 when it is filed with the SRBA Court. We are planning to file the Director's Report that will include your claim in approximately one week.

If you have any questions, you may contact me at 1-800-451-4129 or 1-208-327-7939.

Sincerely,

Carter Fritschle
Water Rights Supervisor
Adjudication Bureau

Enclosure:

Application for Permit w/instructions

06/22/2002

NOTICE OF ERROR
REPLY

Please type or print clearly, fill out this form completely and mail.

Return this reply form to IDWR by the deadline date printed below if you want IDWR to change your recommendation or you want to let IDWR know that you agree with its recommendation.

YOUR DEADLINE FOR RETURNING A NOTICE OF ERROR REPLY IS: July 23, 2002

Water right number: 37-17396

UNITED STATES OF AMERICA ACTING THROUGH
USDI BUREAU OF LAND MANAGEMENT
IDAHO STATE OFFICE
1387 S VINNELL WY
BOISE ID 83709-1657
Telephone Number: (208)373-4000

1. Describe the portion of the proposed recommendation with which you disagree (e.g. priority date, period of use, source):

CLAIMED WILDLIFE PURPOSE OF USE WAS NOT RECOMMENDED.

2. Describe the changes you wish to make in the proposed recommendation:

PLEASE RECOMMEND A WILDLIFE PURPOSE OF USE AT
SAME POLE FOR STOCKWATER.

3. Give a brief explanation as to why you disagree with these portions:

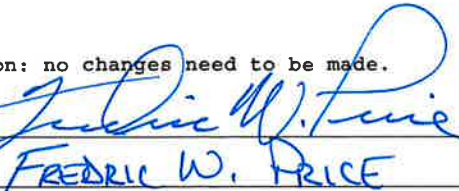
CLAIMANTS CAN HAVE WILDLIFE FROM A DIVERSION.

____ I AGREE with this proposed recommendation: no changes need to be made.

DATE:

July 22, 2002

SIGNATURE:



Please print your name:

FREDRIC W. PRICE

IDWR State Office, PO Box 83720, Boise ID 83707-9815

06/22/2002

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

RIGHT NUMBER: 37-17396

NAME AND ADDRESS: UNITED STATES OF AMERICA ACTING THROUGH
USDI BUREAU OF LAND MANAGEMENT
IDAHO STATE OFFICE
1387 S VINNELL WY
BOISE ID 83709-1657

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.050 CFS

THE QUANTITY OF WATER UNDER THIS RIGHT SHALL NOT EXCEED 13,000
GALLONS PER DAY.

PRIORITY DATE: 12/10/1984

POINT OF DIVERSION:

T06S R15E S13 NWNENE Within GOODING County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
STOCKWATER	1/01 12/31	0.050 CFS

PLACE OF USE: STOCKWATER Within GOODING County

T06S R15E S23 Lot 2 NWNE	T06S R15E S26	SWSW
T06S R16E S08 NESE	T06S R16E S18	NENW
T06S R16E S18 Lot 3 NWSW	T06S R16E S30	NWNE

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.

THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT IS NOT A
DETERMINATION OF HISTORICAL BENEFICIAL USE.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

BLM ID 3705680031

☐ PPD? ☐ PD? ☐ Adm? ☐ Prob? ☐ IN THE DISTRICT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO, IN
AND FOR THE COUNTY OF TWIN FALLS

In Re SRBA

Case No. 39576

NEXT

AMENDED NOTICE of CLAIM for
Water Right number:

3717396 (IDWR number)

NAME and
ADDRESS

United States of America acting through
Bureau of Land Management
Idaho State Office
1387 South Vinnell Way
Boise, ID 83709 - 1657

BLMIDENT:

3705680031

Stg: StFed:

J

S

Other Right and date:

SOURCE:

Source Tributary

GROUNDWATER

QUANTITY:

0.05

CFS

or VOLUME:

0

Acre Feet

PRIORITY DATE:

12/10/1984

Diversion Means:

CASED WELL, SUBMERSIBLE PUMP/MOTOR, PIPELINE

REMARKS:

Source locally known as Goodtime Well.

POINT of
DIVERSION:

Twtnship	Range	Section	T1	T2	T3	LOT	B/E	within the	County of
06S	15E	13	NW	NE	NE	0		47	GOODING

PURPOSE
and
PERIOD
OF USE:

Purpose of Use		Period of Use (from - to):			Rate in CFS		Volume in AcFt	
					or			
04		0101		1231	0.05		0	
16		0101		1231	0.05		0	

CONSUMPTIVE
USE:

stockwater

DATE:

22-Jul-02

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

The quantity of water decreed for this water right for stockwater use is not a determination of historical beneficial use.

PLACE
of USE:

Water Use	Twtn	Rge	Sec	T1	T2	LOT	within the County of	
✓ 16	06S	15E	23	NW	NE	02	47	GOODING
✓ 16	06S	15E	26	SW	SW	0	47	GOODING
✓ 16	06S	16E	8	NE	SE	0	63	LINCOLN
✓ 16	06S	16E	18	NW	SW	03	47	GOODING
✓ 16	06S	16E	18	NE	NW	0	47	GOODING
✓ 04	06S	16E	30	NW	NE		47	GOODING
✓ 16	06S	16E	30	NW	NE		47	GOODING
✓ 04	06S	16E	18	NE	NW	0	47	GOODING
✓ 04	06S	15E	23	NW	NE	02	47	GOODING
✓ 04	06S	15E	26	SW	SW	0	47	GOODING
✓ 04	06S	16E	8	NE	SE	0	63	LINCOLN
✓ 04	06S	16E	18	NW	SW	03	47	GOODING

[Close](#)

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Claim Report

07/22/2002

WATER RIGHT NO. 37-17396

Owner Type

Name and Address

Current Owner UNITED STATES OF AMERICA ACTING THROUGH
USDI BUREAU OF LAND MANAGEMENT
IDAHO STATE OFFICE
1387 S VINNELL WY
BOISE, ID 83709-1657
(208)373-4000

Priority Date: 12/10/1984

Basis: Beneficial Use

Status: Active

Source

Tributary

GROUND WATER SINKS

Beneficial Use From To Diversion Rate Volume

STOCKWATER 01/01 12/31 0.05 CFS

WILDLIFE 01/01 12/31 0.05 CFS

Total Diversion 0.05 CFS

Location of Point(s) of Diversion:

GROUND WATER NWNENE Sec. 13 Township 06S Range 15E GOODING County

Place(s) of use:

Place of Use Legal Description: STOCKWATER GOODING 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	15E	23	2	NWNE										
		26		SWSW										
	16E	8		NESE										
		18		NENW										
			3	NWSW										
		30		NWNE										

Place of Use Legal Description: WILDLIFE GOODING 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	15E	23	2	NWNE										
		26		SWSW										
	16E	8		NESE										
		18		NENW										
			3	NWSW										
		30		NWNE										

Remarks:

1. General Source locally known as Goodtime Well.
2. General BLM RECORD ID = 3705680031

Dates:

Licensed Date:

Claim Received Date:

Decreed Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Other Information:

State or Federal: S

Owner Name Connector:

Water District Number:

Generic Max Rate per Acre:

Generic Max Volume per Acre:

Civil Case Number:

Old Case Number:

Decree Plaintiff:

Decree Defendant:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

Cary Act Number:

Mitigation Plan: False

Close

RECEIVED

JUL 22 2002

Basin 37 Preliminary

Department of Water Resources

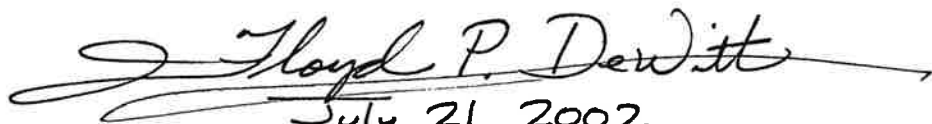
Groundwater Director's Report

Attached are 14 water right claims marked up to show the potential problems.

One claim by the Idaho Dept. of Lands is clearly an administrative error. Claim 37-12535 has the POD in Lincoln Co., while the many POU's are in Custer Co.

Claim 37-7003 is fine with us, it is on public land but also is on ITD's 400' freeway right-of-way. It provides water for the Bliss Rest Area.

Claim 37-17396, BLM's claim to Goodtime Well is correctly reported out with regard to POD and POU legal descriptions per Ginger Koonces' GPS work on 11/15/1999.


July 21, 2002

All others appear to be various-sized agricultural trespass situations, which will be investigated during the 2002 field season.

F.P.D.

06/22/2002

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

RIGHT NUMBER: 37-17396
NAME AND ADDRESS: UNITED STATES OF AMERICA ACTING THROUGH
USDI BUREAU OF LAND MANAGEMENT
IDAHO STATE OFFICE
1387 S VINNELL WY
BOISE ID 83709-1657
SOURCE: GROUND WATER TRIBUTARY:
QUANTITY: 0.050 CFS
THE QUANTITY OF WATER UNDER THIS RIGHT SHALL NOT EXCEED 13,000
GALLONS PER DAY.
PRIORITY DATE: 12/10/1984

POINT OF DIVERSION:
T06S R15E S13 NWNENE Within GOODING County BLM

PURPOSE AND
PERIOD OF USE:

PURPOSE OF USE	PERIOD OF USE	QUANTITY
STOCKWATER	1/01 12/31	0.050 CFS

PLACE OF USE: STOCKWATER Within GOODING County

T06S R15E S23 Lot 2 NWNE	BLM	T06S R15E S26	SWSW	BLM	
T06S R16E S08	NESE	BLM	T06S R16E S18	NENW	BLM
T06S R16E S18 Lot 3 NWSW	BLM	T06S R16E S30	NWNE	BLM	

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

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DETERMINATION OF HISTORICAL BENEFICIAL USE.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use
BLM ID 3705680031

*Locally known as Good Time Well.

POD & POU's are correctly described per
GPS Maps made by Ginger Koonce, dated
11/15/1999.

Floyd P. DeWitt

06/22/2002

NOTICE OF ERROR
REPLY

Please type or print clearly, fill out this form completely and mail.

Return this reply form to IDWR by the deadline date printed below if you want IDWR to change your recommendation or you want to let IDWR know that you agree with its recommendation.

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Water right number: 37-17396

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IDAHO STATE OFFICE
1387 S VINNELL WY
BOISE ID 83709-1657
Telephone Number: (208) 373-4000

1. Describe the portion of the proposed recommendation with which you disagree (e.g. priority date, period of use, source):

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2. Describe the changes you wish to make in the proposed recommendation:

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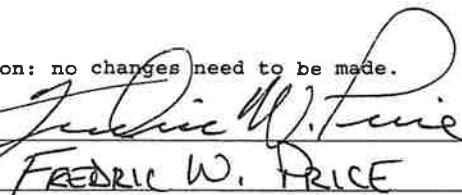
CLAIMANTS CAN HAVE WILDLIFE FROM A DIVERSION.

___ I AGREE with this proposed recommendation: no changes need to be made.

DATE:

July 22, 2002

SIGNATURE:



Please print your name:

FREDRIC W. PRICE

IDWR State Office, PO Box 83720, Boise ID 83707-9815

RECEIVED

JUL 22 2002

Department of Water Resources

06/22/2002

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

RIGHT NUMBER: 37-17396

NAME AND ADDRESS: UNITED STATES OF AMERICA ACTING THROUGH
USDI BUREAU OF LAND MANAGEMENT
IDAHO STATE OFFICE
1387 S VINNELL WY
BOISE ID 83709-1657

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.050 CFS

THE QUANTITY OF WATER UNDER THIS RIGHT SHALL NOT EXCEED 13,000
GALLONS PER DAY.

PRIORITY DATE: 12/10/1984

POINT OF DIVERSION:

T06S R15E S13 NWNENE Within GOODING County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
STOCKWATER	1/01 12/31	0.050 CFS

PLACE OF USE: STOCKWATER Within GOODING County

T06S R15E S23 Lot 2 NWNE	T06S R15E S26	SWSW
T06S R16E S08 NESE	T06S R16E S18	NENW
T06S R16E S18 Lot 3 NWSW	T06S R16E S30	NWNE

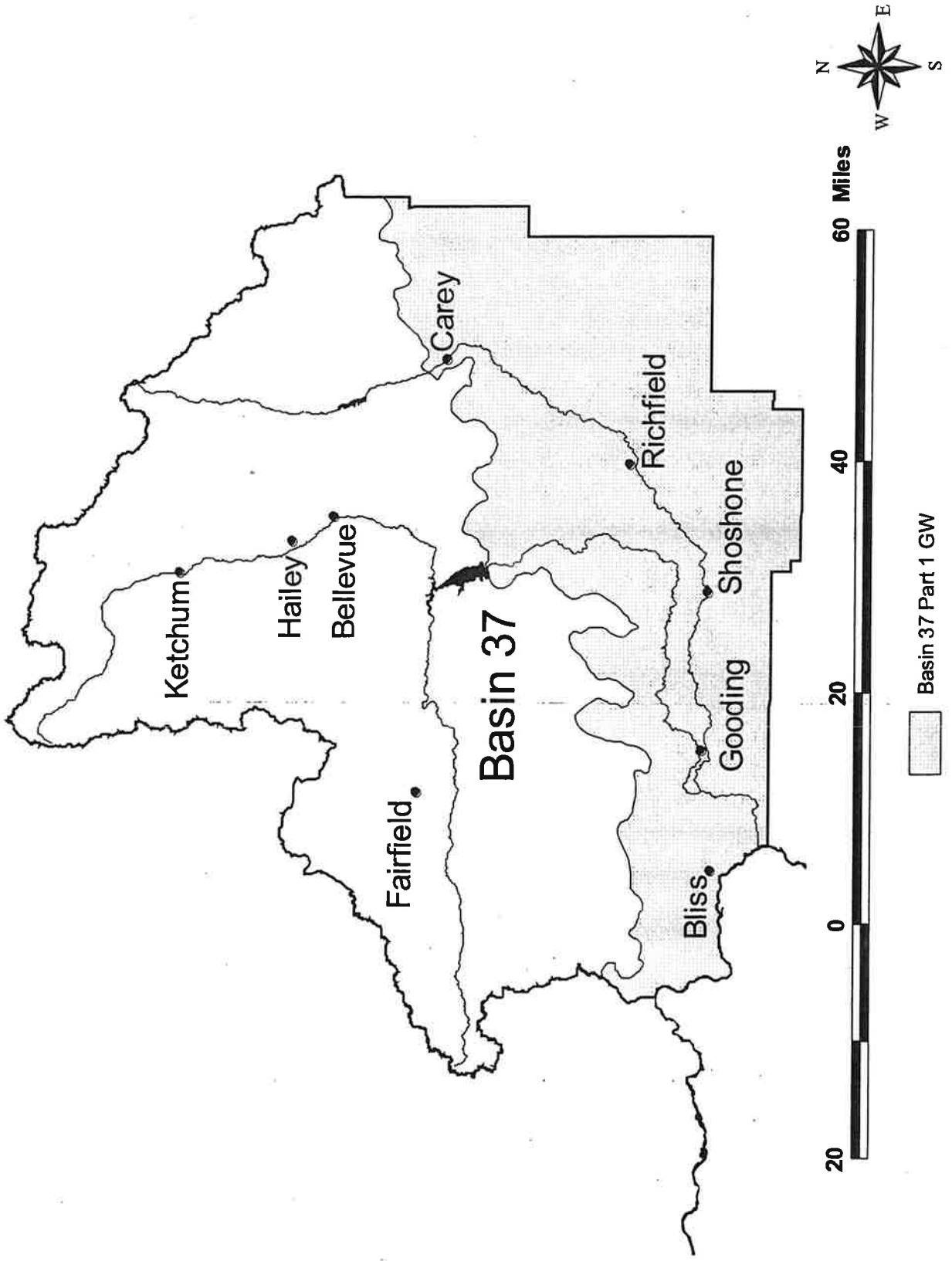
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EFFICIENT ADMINISTRATION OF THE WATER RIGHTS AS MAY BE
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THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT IS NOT A
DETERMINATION OF HISTORICAL BENEFICIAL USE.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use
BLM ID 3705680031

Basin 37 Part 1 Ground Water





State of Idaho
DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098
Phone: (208) 327-7900 FAX: (208) 327-7866 www.idwr.state.id.us

RECEIVED
BLN ISO MH
JUN 26 2002
9:00 A.M.

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

June 24, 2002

To Ground Water Users of Basin 37 Part 1:

Please find enclosed the Preliminary Director's Report for your water right claims in the Snake River Basin Adjudication. This is an important opportunity to review the Idaho Department of Water Resources' (IDWR) conclusions regarding your water rights, resolve errors, and have questions answered **before** the report is finalized for the SRBA Court.

CONTENTS OF THIS MAILING:

- ❖ Preliminary Director's Report Instructions (blue page, front and back)
- ❖ Letter From Karl Dreher, Director of IDWR
- ❖ **Your Water Right Recommendation(s) & Map(s)** with Notice of Error form(s)
- ❖ General Map of Basin 37 Part 1 Ground Water, for vicinity reference
- ❖ Letter from the Presiding Judge, Snake River Basin Adjudication Court

Please join us for an informational presentation at **1:30 pm on July 8th, at Gooding County Extension Office, 203 Lucy Lane, at the Gooding County Fairgrounds**. If you miss the informational meeting or need additional assistance then give us a call to set up an appointment.

Sincerely,

Carter Fritschle
Water Rights Supervisor
Adjudication Bureau
Idaho Department of Water Resources

(Instructions on the back)



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Boise, ID 83706 - P.O. Box 83720, Boise, ID 83720-0098

Phone: (208) 327-7900 Fax: (208) 327-7866 Web Site: www.idwr.state.id.us

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

June 24, 2002

Dear Water Right Claimant(s):

The Idaho Department of Water Resources (IDWR) has completed its initial investigation of your water right claim(s) for Ground Water in the Snake River Basin Adjudication (SRBA). We have enclosed a printout showing our preliminary recommendation for reporting your claim(s) to the SRBA District Court.

Please review the preliminary recommendation carefully. If there is any information on the printout you believe is inaccurate, please fill out the enclosed reply indicating what changes you believe should be made. Further instructions to assist you with the review are enclosed. For water rights with an irrigation water use, a Geographic Information System (GIS) computerized image of the place of use for your claim(s) is also enclosed.

You may return this reply in person to us at a public meeting IDWR will be conducting in your area. **The meeting will be held on Monday, July 8, 2002, at 1:30 p.m. in the Conference Room at the Gooding County Extension Office at the Gooding County Fairgrounds, 203 Lucy Lane, Gooding, Idaho.** Please come to the public meeting, where you will have an opportunity to find out more about the SRBA process and speak with a department staff member should you have questions regarding your water right claim. Please bring any and all information you have which will help the Department understand your claim(s) and describe them accurately.

This process is intended to ensure IDWR recommends your water right accurately to the SRBA District Court. This is the easiest and least costly means for you to identify corrections you believe should be made to our recommendation. Completion of this process is an important step toward the overall success of the adjudication in Idaho. Your participation is necessary so that accurate information is provided to the SRBA District Court.

We look forward to hearing from you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Karl J. Dreher', is written over a horizontal line.

Karl J. Dreher
Director

Enclosures

DISTRICT COURT
SNAKE RIVER BASIN ADJUDICATION
STATE OF IDAHO



ROGER BURDICK
PRESIDING JUDGE
(208) 736-3011
FAX (208) 736-2121

SRBA CHAMBERS
P.O. BOX 2707
TWIN FALLS, IDAHO 83303-2707

Dear Water Right Claimant:

To help you with your water right claim(s) in the Snake River Basin Adjudication, this letter of explanation is being sent to you along with information sent by the Idaho Department of Water Resources (IDWR). Included are the following important documents which I ask you to please read carefully because they give you the opportunity to save a great deal of time and money:

1. **Preliminary Recommendation.** This is IDWR's *initial* finding and conclusion about your water right and how it should be reported to the SRBA Court. This preliminary recommendation is not filed with the court, but is provided to you to help correct errors or resolve any disagreement you may have over its content. This document has been prepared following IDWR's investigation and may be different than the claim(s) you actually filed.

Therefore, please review this preliminary recommendation carefully to find any errors or disagreements you have with IDWR's findings.

2. **Error Correction/Settlement Process.** This preliminary recommendation is a special service provided to you by IDWR to help you correct errors and resolve any other disagreement you have before the actual recommendations are ultimately filed with the court.

A description of how to work with IDWR is included. Our experience in the SRBA shows that by working in cooperation with IDWR most errors and differences can be addressed before coming into court. It's well worth your time to take full advantage of IDWR's helpful service. If your disagreement cannot be resolved, you will be able to file an objection to IDWR's actual recommendation when it is filed in court and have the final decision made by the Presiding Judge.

This error correction service is an important opportunity for you to work together with IDWR to make sure your water right claim(s) are decreed accurately. There is no cost to you other than your time reviewing the preliminary recommendation and talking to IDWR about any problem you see. Of course, you may always employ the services of an attorney if you wish.

The goal of the SRBA is to see that your water right(s) are decreed by the court as accurately and fairly as possible. It is important to me that this is done efficiently in order to reduce your costs and present you with your decree.

I strongly encourage you to take full advantage of this opportunity to use the fine and courteous services provided by IDWR.

Sincerely yours,

A handwritten signature in cursive script that reads "Roger Burdick".

Roger S. Burdick
Presiding Judge
Snake River Basin Adjudication

☐ PPD? ☐ PD? ☐ Adm? ☐ Prob? ☐ IN THE DISTRICT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO, IN
AND FOR THE COUNTY OF TWIN FALLS

In Re SRBA

Case No. 39576

NEXT

AMENDED NOTICE of CLAIM for
Water Right number:

3717396 (IDWR number)

NAME and
ADDRESS

United States of America acting through
Bureau of Land Management
Idaho State Office
1387 South Vinnell Way
Boise, ID 83709 - 1657

BLMIDENT:

Stg: StFed:

3705680031

J

S

Other Right and date:

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Source Tributary

GROUNDWATER

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0.05

CFS

or VOLUME:

0

Acre Feet

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Source locally known as Goodtime Well.

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16		0101		1231	0.05				0	

CONSUMPTIVE
USE:

stockwater

DATE: 22-Jul-02

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

The quantity of water decreed for this water right for stockwater use is not a determination of historical beneficial use.

PLACE
of USE:

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✓ 16	06S	16E	18	NE	NW	0	47	GOODING
04	06S	16E	30	NW	NE		47	GOODING
✓ 16	06S	16E	30	NW	NE		47	GOODING
04	06S	16E	18	NE	NW	0	47	GOODING
04	06S	15E	23	NW	NE	02	47	GOODING
04	06S	15E	26	SW	SW	0	47	GOODING
04	06S	16E	8	NE	SE	0	63	LINCOLN
04	06S	16E	18	NW	SW	03	47	GOODING

[Close](#)

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Claim Report

07/22/2002

WATER RIGHT NO. 37-17396

Owner Type

Name and Address

Current Owner UNITED STATES OF AMERICA ACTING THROUGH
USDI BUREAU OF LAND MANAGEMENT
IDAHO STATE OFFICE
1387 S VINNELL WY
BOISE, ID 83709-1657
(208)373-4000

Priority Date: 12/10/1984
Basis: Beneficial Use
Status: Active

Source

Tributary

GROUND WATER SINKS

Beneficial Use From To Diversion Rate Volume

STOCKWATER 01/01 12/31 0.05 CFS

WILDLIFE 01/01 12/31 0.05 CFS

Total Diversion 0.05 CFS

Location of Point(s) of Diversion:

GROUND WATER NWNENE Sec. 13 Township 06S Range 15E GOODING County

Place(s) of use:

Place of Use Legal Description: STOCKWATER GOODING 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	15E	23	2	NWNE										
		26		SWSW										
	16E	8		NESE										
		18		NENW										
			3	NWSW										
		30		NWNE										

Place of Use Legal Description: WILDLIFE GOODING 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	15E	23	2	NWNE										
		26		SWSW										
	16E	8		NESE										
		18		NENW										
			3	NWSW										
		30		NWNE										

Remarks:

1. General Source locally known as Goodtime Well.
2. General BLM RECORD ID = 3705680031

Dates:

Licensed Date:

Claim Received Date:

Decreed Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Other Information:

State or Federal: S

Owner Name Connector:

Water District Number:
Generic Max Rate per Acre:
Generic Max Volume per Acre:
Civil Case Number:
Old Case Number:
Decree Plaintiff:
Decree Defendant:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False

Close

06/06/2002

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

RIGHT NUMBER: 37-17396

NAME AND ADDRESS: UNITED STATES OF AMERICA ACTING THROUGH
USDI BUREAU OF LAND MANAGEMENT
IDAHO STATE OFFICE
1387 S VINNELL WY
BOISE ID 83709-1657

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.05 CFS

THE QUANTITY OF WATER UNDER THIS RIGHT SHALL NOT EXCEED 13,000
GALLONS PER DAY.

PRIORITY DATE: 12/10/1984

POINT OF DIVERSION:

T06S R15E S13 NWNENE Within GOODING County

PURPOSE AND
PERIOD OF USE:

PURPOSE OF USE

PERIOD OF USE

QUANTITY

STOCKWATER

1/01 12/31

0.050 CFS

PLACE OF USE: STOCKWATER Within GOODING County

T06S R15E S23 Lot 2 NWNE
T06S R16E S08 NESE
T06S R16E S18 Lot 3 NWSW

T06S R15E S26 SWSW
T06S R16E S18 NENW
T06S R16E S30 NWNE

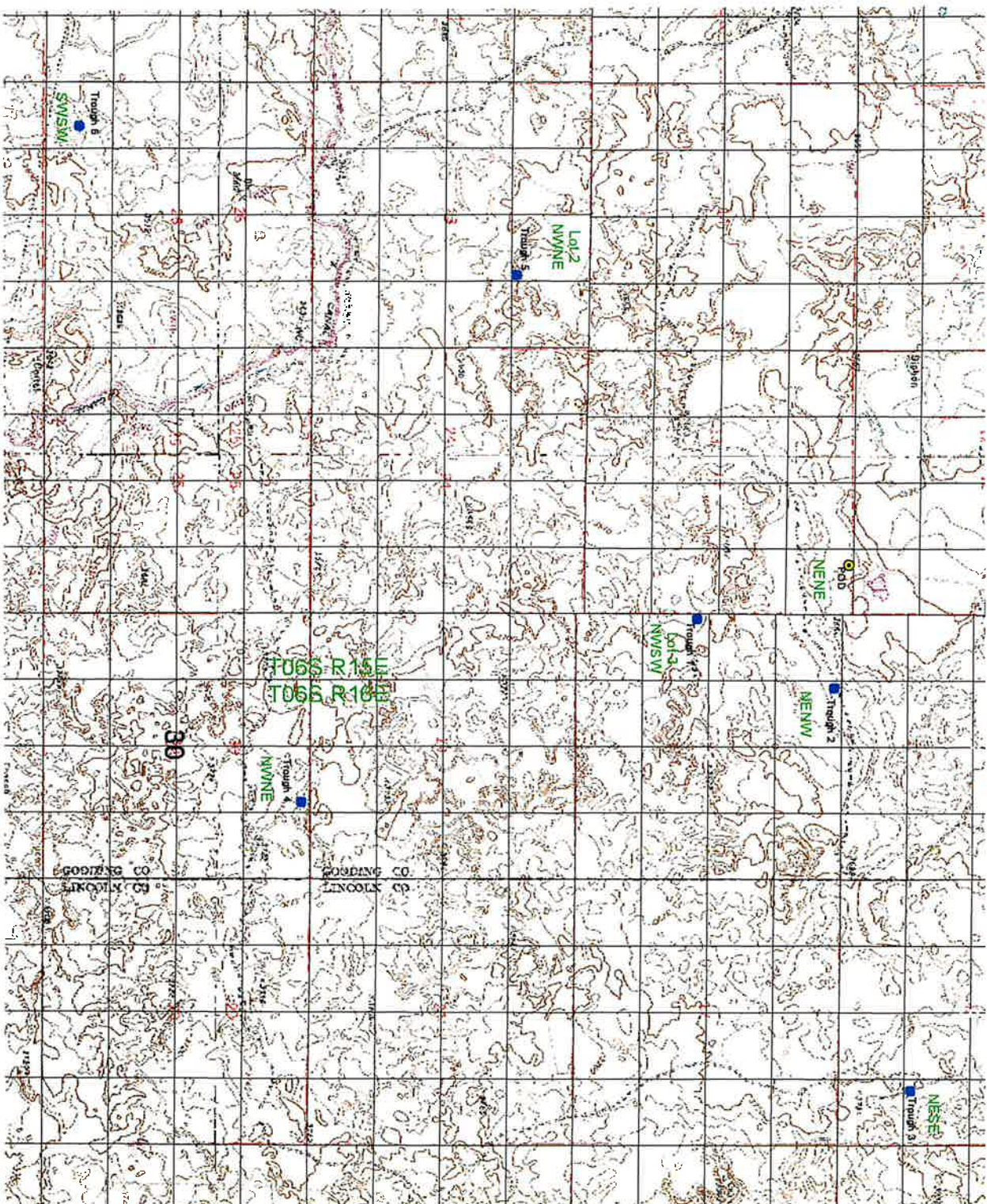
OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

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.
THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT IS NOT A
DETERMINATION OF HISTORICAL BENEFICIAL USE.

EXPLANATORY MATERIAL: Beneficial Use

BLM ID 3705680031

37-17396



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 37-17396
Date Received: 3/25/1993
Receipt No: X111111
Received By:

FILE COPY

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

1. Name of Claimant(s)

UNITED STATES OF AMERICA ACTING THROUGH Phone: (208)373-4000

USDI BUREAU OF LAND MANAGEMENT
IDAHO STATE OFFICE
1387 S VINNELL WY
BOISE ID USA 83709-1657

2. Date of Priority: 12/10/1984

3. Source: GROUND WATER Trib. to: SINKS

4. Point of Diversion:

Township	Range	Section	1/4 of 1/4 of 1/4 Lot	County	Type
06S	15E	13	NW NE NE	GOODING	

5. Description of diverting works:

CASED WELL, SUBMERSIBLE PUMP/MOTOR, STORAGE TANK

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or) A.F.A
STOCKWATER	01/01	12/31	0.05	
WILDLIFE	01/01	12/31	0.05	

7. Total Quantity Appropriated is:
0.05 C.F.S.

8. Total consumptive use:

9. Non-irrigation uses:

10. Place of use:

Township	Range	Section	1/4 of 1/4 Lot	Use	Acres
----------	-------	---------	----------------	-----	-------

06S	15E	23	NW	NE	2	STOCKWATER
			NW	NE	2	WILDLIFE
06S	15E	26	SW	SW		STOCKWATER
			SW	SW		WILDLIFE
06S	16E	8	NE	SE		STOCKWATER
			NE	SE		WILDLIFE
06S	16E	18	NE	NW		STOCKWATER
			NW	SW	3	STOCKWATER
			NE	NW		WILDLIFE
			NW	SW	3	WILDLIFE
06S	16E	30	NW	NE		STOCKWATER
			NW	NE		WILDLIFE

11. Place of use in counties: GOODING, LINCOLN

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

13. Other Water Rights Used:

14. Remarks:

Source locally known as Goodtime Well.

BLM RECORD ID = 3705680031

15. Basis of Claim: Beneficial Use

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Recommendation Report 37-10606 V1

WATER RIGHT NUMBER: 37-10606 V1

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	FAULKNER LAND & LIVESTOCK CO INC 1989 S 1875 E GOODING, ID 83330 (208)934-4956
Current Owner	DIAMOND A LIVESTOCK INC 1997 S 1875 E GOODING, ID 83330 (208)934-5391

Priority Date: 10/10/1984

Basis: Beneficial Use

Status: Active

<u>Source</u>	<u>Tributary</u>
---------------	------------------

GROUND WATER

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
STOCKWATER	1/01 to 12/31	0.230 CFS	
	<u>Total Diversion:</u>	0.230 CFS	

Location of Point(s) of Diversion

GROUND WATER	NW1/4NE1/4NE1/4	Sec. 13, Twp 06S, Rge 15E, B.M.
GOODING County		

Place of Use

STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
06S	15E	13	X																

Conditions of Approval:

1. N11 THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT IS NOT A DETERMINATION OF HISTORICAL BENEFICIAL USE.
2. N13 THE QUANTITY OF WATER UNDER THIS RIGHT SHALL NOT EXCEED 13,000 GALLONS PER DAY.

Remarks:

1. Explanatory S/ 1000 RANGE & 2500 SHEEP

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Recommendation Report 37-10606 V1

Comments:

1. HITCHCOC 2/3/1993 COPIED FROM REMARKS

Comment: OWNERSHIP CHANGE BY FH 02-03-1993 TO ADD SECOND OWNER.

2. SCLELLAN 2/5/1999 REFORMAT & REVIEW

Comment: CLAIMED AS DE MINIMIS. LOCATION CONFIRMED WITH WELL REPORT. BLM CLAIM FOR SAME WELL BUT MORE POU LOCATIONS UNDER A37-17396 HAS BEEN DISALLOWED FOR EXCEEDING DE MINIMIS VOLUMES AND EXPAN- SION AFTER 1987. PRIORITY DATE BASED ON FINISH DATE OF WELL DRILLING REPORT.

Dates and Other Information:

Decreed Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Defendant:

Plaintiff:

Civil Case Number:

Judicial District:

Notice of Error Flag: NONE RECEIVED

State or Federal:

Owner Name Connector: 0

Water District Number:

Generic Max Rate Per Acre:

Generic Max Volume Per Acre:

Swan Falls Trust or Nontrust: False

Swan Falls Dismissed:

DLE Act Number:

Carey Act Number:

Mitigation Plan:

SubCase:

SubCase Number: 37-10606

Class: 1

SF5 Filed Date:

Special Master Recom Signed Date:

Attorney Assigned: NICHOLAS B SPENCER

Adjudication Agent:

Basis of Claim:

Date Filed: 9/10/1999 Objection Status: Active

Water Right Number - R37-17396 Prefix Translation: RESEARCH Old (D) Number - 00000
+ - - - - Last Name - - - - + + - - - - First Name - - - - + + - - - - Address - - - - - +*** C - CURRENT OWNER ***
AMERICA ACTING THROUGH

UNITED STATES OF

1 - USD1 BUREAU OF LAND MANAGEMENT

2 - IDAHO STATE OFFICE

3 - 1387 S VINNELL WAY

City- BOISE

Phone - 208-373-4000

State- ID Zip- 837091657

*** K - ALSO KNOWN AS ***
BLM

1 -

2 -

3 -

City- X

Phone -

State- ID Zip- 0

+ - - Priority Date - - + + - - - Region - - - + + - - Stage - - - + + - - Status - - - +
12/10/1984 17 SOUTHERN I - DISALLOWED

+ - - - - Source - - - - - + + - - - - Tributary - - - - - +

GROUNDWATER

+ - - - - - - - - - - - - - - - Point of Diversion - - - - - +

TwN Rng Sec Tract Lot RFlg County

06S 15E 13 NW NE NE (47) GOODING

+ - - - - - - - - - - - - - - - Water Use - - - - - +

Code Description Period From Period To Diversion Rate Diversion Volume

04 - STOCKWATER
16 - WILDLIFE01/01 12/31 0.050
01/01 12/31 0.050+ - - Total Div. Rate - - + + - - Total Div. Volume - + + - - Total Consumptive Use - + + - - KW Usage - +
0.050 0.0

+ - - - - - - - - - - - - - - - Place of Use - - - - - +

TwN Rng Sec Tract Lot Acres Code Description County

| | | | | | | | | |
|-----|-----|----|-------|---|----|------------|------|---------|
| 06S | 15E | 23 | NW NE | 2 | 04 | STOCKWATER | (47) | GOODING |
| 06S | 15E | 24 | NW NE | 2 | 04 | STOCKWATER | (47) | GOODING |
| 06S | 15E | 26 | SW SW | | 04 | STOCKWATER | (47) | GOODING |
| 06S | 16E | 7 | SE SW | | 04 | STOCKWATER | (47) | GOODING |
| 06S | 16E | 7 | SW SE | | 04 | STOCKWATER | (47) | GOODING |
| 06S | 16E | 8 | NE SE | | 04 | STOCKWATER | (63) | LINCOLN |
| 06S | 16E | 18 | NW SW | 3 | 04 | STOCKWATER | (47) | GOODING |
| 06S | 16E | 18 | SE SW | | 04 | STOCKWATER | (47) | GOODING |
| 06S | 15E | 23 | NW NE | 2 | 16 | WILDLIFE | (47) | GOODING |
| 06S | 15E | 24 | NW NE | 2 | 16 | WILDLIFE | (47) | GOODING |
| 06S | 15E | 26 | SW SW | | 16 | WILDLIFE | (47) | GOODING |
| 06S | 16E | 7 | SE SW | | 16 | WILDLIFE | (47) | GOODING |
| 06S | 16E | 7 | SW SE | | 16 | WILDLIFE | (47) | GOODING |
| 06S | 16E | 8 | NE SE | | 16 | WILDLIFE | (63) | LINCOLN |
| 06S | 16E | 18 | NW SW | 3 | 16 | WILDLIFE | (47) | GOODING |
| 06S | 16E | 18 | SE SW | | 16 | WILDLIFE | (47) | GOODING |

RECEIVED

JUN - 1 2002

Department of Water Resources

+ - - Audit Fields - - + 02/05/99 SCIELLAN

DATE: 02/05/99
PAGE: 1

DIVERSION
VOLUME

0.23 CFS

0.23 CFS

Stage: BENEFICIAL USE

GOODING COUNTY

ISS

Lt AC

.....

A

000'

E & 2500 SHEEP

Exam Made Date:

ed Date:

Section Filed Date:

Water District Number:

Inspection Flag:

Inspection

Copy for file
37-17396

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIMS PROOF READING REPORT
(REGIONAL)09/11/98 11:21:16
Page 1Water Right Number - R37-17396
Prefix Translation: RESEARCH
Old (D) Number - 00000
+ - - - - Last Name - - - - + + - - - - First Name - - - - + + - - - - Address - - - - - +*** C - CURRENT OWNER ***
AMERICA ACTING THROUGH

UNITED STATES OF

1 - USDI BUREAU OF LAND MANAGEMENT
2 - IDAHO STATE OFFICE
3 - 1387 S VINNELL WAY
City- BOISE
Phone - 208-373-4000

State- ID Zip- 837091657

*** K - ALSO KNOWN AS ***
BLM

State- ID Zip- 0

+ - - - - Priority Date - - - + + - - - - Region - - - + + - - - - Stage - - - + + - - - - Status - - - +
12/10/1984 17 SOUTHERN I - DISALLOWED

+ - - - - Source - - - - + + - - - - Tributary - - - - + + - - - - +

+ - - - - Point of Diversion - - - - + + - - - - +

Twn Rng Sec Tract Lot RFlg County
06S 15E 13 NW NE NE (47) GOODING

+ - - - - Description - - - - - Water Use - - - - - Diversion Rate - - - - - Diversion Volume - - - - -

04 - STOCKWATER
16 - WILDLIFE01/01 12/31
01/01 12/310.050
0.050+ - - - - Total Div. Rate - - + + - - - - Total Div. Volume - - + + - - - - Total Consumptive Use - - + + - - - - KW Usage - - +
0.050 0.0+ - - - - Twn Rng Sec Tract Lot RFlg County
06S 15E 23 NW NE 2 04 STOCKWATER (47) GOODING
06S 15E 24 NW NE 2 04 STOCKWATER (47) GOODING
06S 15E 26 SW SW 04 STOCKWATER (47) GOODING
06S 16E 7 SE SW 04 STOCKWATER (47) GOODING
06S 16E 7 SW SE 04 STOCKWATER (47) GOODING
06S 16E 8 NE SE 04 STOCKWATER (63) LINCOLN
06S 16E 18 NW SW 04 STOCKWATER (47) GOODING
06S 16E 18 SE SW 04 STOCKWATER (47) GOODING
06S 15E 23 NW NE 2 16 WILDLIFE (47) GOODING
06S 15E 24 NW NE 2 16 WILDLIFE (47) GOODING
06S 15E 26 SW SW 16 WILDLIFE (47) GOODING
06S 16E 7 SE SW 16 WILDLIFE (47) GOODING
06S 16E 7 SW SE 16 WILDLIFE (47) GOODING
06S 16E 8 NE SE 16 WILDLIFE (63) LINCOLN
06S 16E 18 NW SW 3 16 WILDLIFE (47) GOODING
06S 16E 18 SE SW 16 WILDLIFE (47) GOODING302
2/5/99

Done

Water right number - R37-17396 Prefix Translation: RESEARCH

| Twn | Rng | Sec | Tract | Lot | Acres | Code | Description | County |
|-----|-----|-----|-------|-----|-------|------|-------------|--------|
|-----|-----|-----|-------|-----|-------|------|-------------|--------|

Total Acres:

+ - - Diversion Means - CASED WELL, SUBMERSIBLE PUMP/MOTOR, STORAGE TANK

+ - - Non-Irrigation Use - STOCKWATER, 885 RANGE CATTLE, 2000 RANGE SHEEP. WILDLIFE VAR. AMT

+ - - Other Rights for Same Use - NONE

| GEN | NO LAWFUL APPROPRIATION SHOWN. | EXP | BLM RECORD ID = 3705680031 | NO LAWFUL APPROPRIATION SHOWN. | Remarks |
|-----|--------------------------------|-----|----------------------------|--------------------------------|---------|
|-----|--------------------------------|-----|----------------------------|--------------------------------|---------|

GEN NO LAWFUL APPROPRIATION SHOWN.

EXP BLM RECORD ID = 3705680031
NO LAWFUL APPROPRIATION SHOWN.

| No Old Water Right Numbers Found | Old Water Right Numbers |
|----------------------------------|-------------------------|
|----------------------------------|-------------------------|

| Conditions of Approval | No Conditions of Approval found. |
|------------------------|----------------------------------|
|------------------------|----------------------------------|

| Decree Plaintiff | Decree Defendant | Decree Date |
|------------------|------------------|-------------|
|------------------|------------------|-------------|

Date: 09/11/1998 User Id: DJONES Subject: RECOMMENDATION
REVIEW INCLUDED LETTER FROM FRED PRICE, BLM, TO DAN NELSON ABOUT MEASUREMENT DISTRICT ASSESSMENT. LETTER INDICATED FLOW RATE WAS SMALL AND VOLUME GREATER THAN DE MINIMIS. IDWR RECORD OF AMENDED CLAIM SHOWED IT LICENSED WITH PRIORITY 1984 USED FOR 885 RANGE AND 2000 SHEEP PLUS WILDLIFE. IDWR DOESN'T HAVE A LICENSE RELATED TO THIS WELL AND THE USES STATED IN IDWR'S RECORD EXCEED 13,000 GPD. BLM'S PAPER RECORD DOES NOT INDICATE THAT RIGHT IS DE MINIMIS, DOES NOT INDICATE RIGHT IS LIMITED TO 13,000 GPD (AS OTHER CLAIMS DO), DOES NOT INDICATE WHAT THE NON-IRRIGATION USE IS, AND INDICATES THAT SEVERAL PLACES OF USE WERE ADDED AFTER THE COMMENCEMENT OF THE ADJUDICATION IN VIOLATION OF 42-1425. THIS RIGHT IS RECOMMENDED FOR DISALLOWAL.

Audit Fields - - +
09/11/98 DJONES

| Court Report Filing | Objection Filed Date | Response Filed Date | Claim Received Date | Field Inspection Made | Field Inspection Flag | Verified Date | Last Amended Date | Receipt Number | POU Ownership Flag | Name Connector | Civil Case Number | Old Case Number | Old Judicial District | Temporary Right | Water District | Federal/State Indicator | Presumption Flag | Notice of Error Flag |
|---------------------|----------------------|---------------------|---------------------|-----------------------|-----------------------|---------------|-------------------|----------------|--------------------|----------------|-------------------|-----------------|-----------------------|-----------------|----------------|-------------------------|------------------|----------------------|
|---------------------|----------------------|---------------------|---------------------|-----------------------|-----------------------|---------------|-------------------|----------------|--------------------|----------------|-------------------|-----------------|-----------------------|-----------------|----------------|-------------------------|------------------|----------------------|

Water Right Number - R37-17396

Prefix Translation: RESEARCH

Old (D) Number - 00000

+ - - - - Last Name - - - - + + - First Name - - + + - - - - - Address - - - - - +

*** C - CURRENT OWNER ***

AMERICA ACTING THROUGH

UNITED STATES OF

1 - USDI BUREAU OF LAND MANAGEMENT

2 - IDAHO STATE OFFICE

3 - 1387 S VINNELL WAY

City- BOISE

State- ID Zip- 837091657

Phone - 208-373-4000

*** K - ALSO KNOWN AS ***

BLM

1 -

2 -

3 -

City- X

State- ID Zip- 0

Phone -

+ - - Priority Date - - + + - - Region - - - + + - - - - Stage - - - + + - - Status - - - +

12/10/1984

17 SOUTHERN

NO License

+ - - - - Source - - - - + + - - - - Tributary - - - - +

GROUNDWATER

+ - - - - Point of Diversion - - - - +

Twn Rng Sec Tract Lot RFlg County Diversion Name

06S 15E 13 NW NE NE (47) GOODING

+ - - - - Water Use - - - - +

Code Description Period From Period To Diversion Rate Diversion Volume

04 - STOCKWATER 01/01 12/31 0.050

16 - WILDLIFE 01/01 12/31 0.050

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - + + - Total Consumptive Use - + + - KW Usage - +

0.050

0.0

+ - - - - Place of Use - - - - +

| Twn | Rng | Sec | Tract | Lot | Acres | Code | Description | County |
|-----|-----|---------------|-------|-----|-------|------|-------------|--------------|
| 06S | 15E | ~~23~~ | NW NE | 2 | | 04 | STOCKWATER | (47) GOODING |
| 06S | 15E | ~~24~~ | NW NE | 2 | | 04 | STOCKWATER | (47) GOODING |
| 06S | 15E | ~~26~~ | SW SW | | | 04 | STOCKWATER | (47) GOODING |
| 06S | 16E | 7 | SE SW | | | 04 | STOCKWATER | (47) GOODING |
| 06S | 16E | ~~7~~ | SW SE | | | 04 | STOCKWATER | (47) GOODING |
| 06S | 16E | ~~8~~ | NE SE | | | 04 | STOCKWATER | (63) LINCOLN |
| 06S | 16E | 18 | NW SW | 3 | | 04 | STOCKWATER | (47) GOODING |
| 06S | 16E | ~~18~~ | SE SW | | | 04 | STOCKWATER | (47) GOODING |
| 06S | 15E | 23 | NW NE | 2 | | 16 | WILDLIFE | (47) GOODING |
| 06S | 15E | 24 | NW NE | 2 | | 16 | WILDLIFE | (47) GOODING |
| 06S | 15E | 26 | SW SW | | | 16 | WILDLIFE | (47) GOODING |
| 06S | 16E | 7 | SE SW | | | 16 | WILDLIFE | (47) GOODING |
| 06S | 16E | 7 | SW SE | | | 16 | WILDLIFE | (47) GOODING |
| 06S | 16E | 8 | NE SE | | | 16 | WILDLIFE | (63) LINCOLN |
| 06S | 16E | 18 | NW SW | 3 | | 16 | WILDLIFE | (47) GOODING |
| 06S | 16E | 18 | SE SW | | | 16 | WILDLIFE | (47) GOODING |

Water right number - R37-17396

Prefix Translation: RESEARCH

+ - - Diversion Means - CASED WELL, SUBMERSIBLE PUMP/MOTOR, STORAGE TANK

+ - - Non-Irrigation Use - STOCKWATER, 885 RANGE CATTLE, 2000 RANGE SHEEP. WILDLIFE VAR. AMT

+ - - Other Rights for Same Use - NONE

+ - - - - - Remarks - - - - -

EXP BLM RECORD ID = 3705680031

+ - - - - - Old Water Right Numbers - - - - -
No Old Water Right Numbers found.

+ - - - - - Conditions of Approval - - - - -
No Conditions of Approval found.

+ - - - - Decree Plaintiff - - - + + - - - - Decree Defendant - - - + + - Decree Date - +
00/00/0000

+ - - Audit Fields - 08/13/98 AJCTR

+ - - - - - Comments - - - - -
No Comments Found

+ - - - - - Adjudication Rights Dates and Flags Area - - - - -

| | | | | | |
|----------------------|--------------|-----------------------|--------------|-------------------------|---------|
| Court Report Filing | - 00/00/0000 | Field Inspection Made | - 00/00/0000 | Civil Case Number | - 39576 |
| Objection Filed Date | - 00/00/0000 | Field Inspection Flag | - | Old Case Number | - |
| Response Filed Date | - 00/00/0000 | Verified Date | - 00/00/0000 | Old Judicial District | - |
| Claim Received Date | - 07/31/1998 | Last Amended Date | - 00/00/0000 | Temporary Right | - P |
| Proof Due Date | - 00/00/0000 | Proof Made Date | - 00/00/0000 | Water District | - |
| Licensed Date | - 00/00/0000 | Receipt Number | - X111111 | Federal/State Indicator | - S |
| | | POU Ownership Flag | - Y | Presumption Flag | - |
| | | Name Connector | - | Notice of Error Flag | - |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Idaho State Office
1387 South Vinnell Way
Boise, Idaho 83709-1657

In Reply Refer To:

7250 (SRWR) (931)

March 3, 1998

RECEIVED
MAR 05 1998
Department of Water Resources
Southern Region

Dan Nelson
Southern Regional Office
Idaho Department of Water Resources
State of Idaho
1341 Fillmore Street, Suite 200
Twin Falls, Idaho 83301-3380

**RE: Assessments: West Eastern Snake Plain Aquifer Measurement District
Snake River Basin Adjudication (SRBA) Claims
37-14344, 37-14345 and 37-17396**

Dear Mr. Nelson:

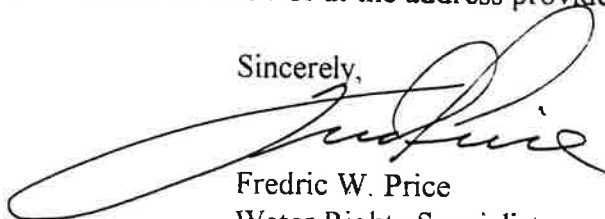
BLM has filed several groundwater claims in the Snake River Basin Adjudication (SRBA) for stockwater wells lying within the West Eastern Snake Plain Aquifer Measurement District (WMD). The quantities for the three described above appear to be subject to assessment.

The quantities asserted were calculated according to the two hour diversion rate calculation method for stockwater. The quantity claimed is artificially high as a result and does not accurately reflect the volume of water intended. The claimed quantities will be amended by BLM within the context of our other amendments for Basin 37 water claims and will be submitted to IDWR on August 1, 1998. The amendments will be as follows:

| | | | |
|----------|----------|-------------------------|--------------------------|
| 37-14344 | 0.02 cfs | de minimis volume | Timmerman Well (#5345); |
| 37-14345 | 0.02 cfs | de minimis volume | Conversion Well (#5284); |
| 37-17396 | 0.05 cfs | greater than de minimis | Good Time Well (#5263). |

Thank you for allowing us the opportunity to seek a waiver from assessment through this correspondence in advance of our actual amendment. If there are questions regarding any statements above, please do not hesitate to contact me at 373-3831 or at the address provided above.

Sincerely,



Fredric W. Price
Water Rights Specialist

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

In Re SRBA

Case No. 3957

NEXT

AMENDED NOTICE OF CLAIM for
Water Right number:

3717396 (IDWR number)

United States of America acting through
Bureau of Land Management
Idaho State Office
1387 South Vinnell Way
Boise, ID 83709 - 1657

BLMIDENT: Stg: StFed:

3705680031 L S

NONE

Other Right and date:

NAME and
ADDRESS:

SOURCE:

Source Tributary

GROUNDWATER

QUANTITY:

0.05 CFS or VOLUME: 0 Acre Feet

PRIORITY DATE:

12/10/84

Diversion Means: CAGED WELL, SUBMERSIBLE PUMP/MOTOR, STORAGE

REMARKS:

POINT OF
DIVERSION:

| Township | Range | Section | T1 | T2 | T3 | LOT | B/E | within the | County of |
|----------|-------|---------|----|----|----|-----|-----|------------|-----------|
| 06S | 15E | 13 | NW | NE | NE | 0 | | 47 | GOODING |

PURPOSE
and
PERIOD
OF USE:

| Purpose of Use | Period of Use (from - to): | Rate in CFS | or | Volume in AcF |
|----------------|----------------------------|-------------|----|---------------|
| 04 | 0101 | 1231 | | 0 |
| 16 | 0101 | 1231 | | 0 |

CONSUMPTIVE
USE:

stockwater use

DATE: 30-Jul-98 2:10 PM

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

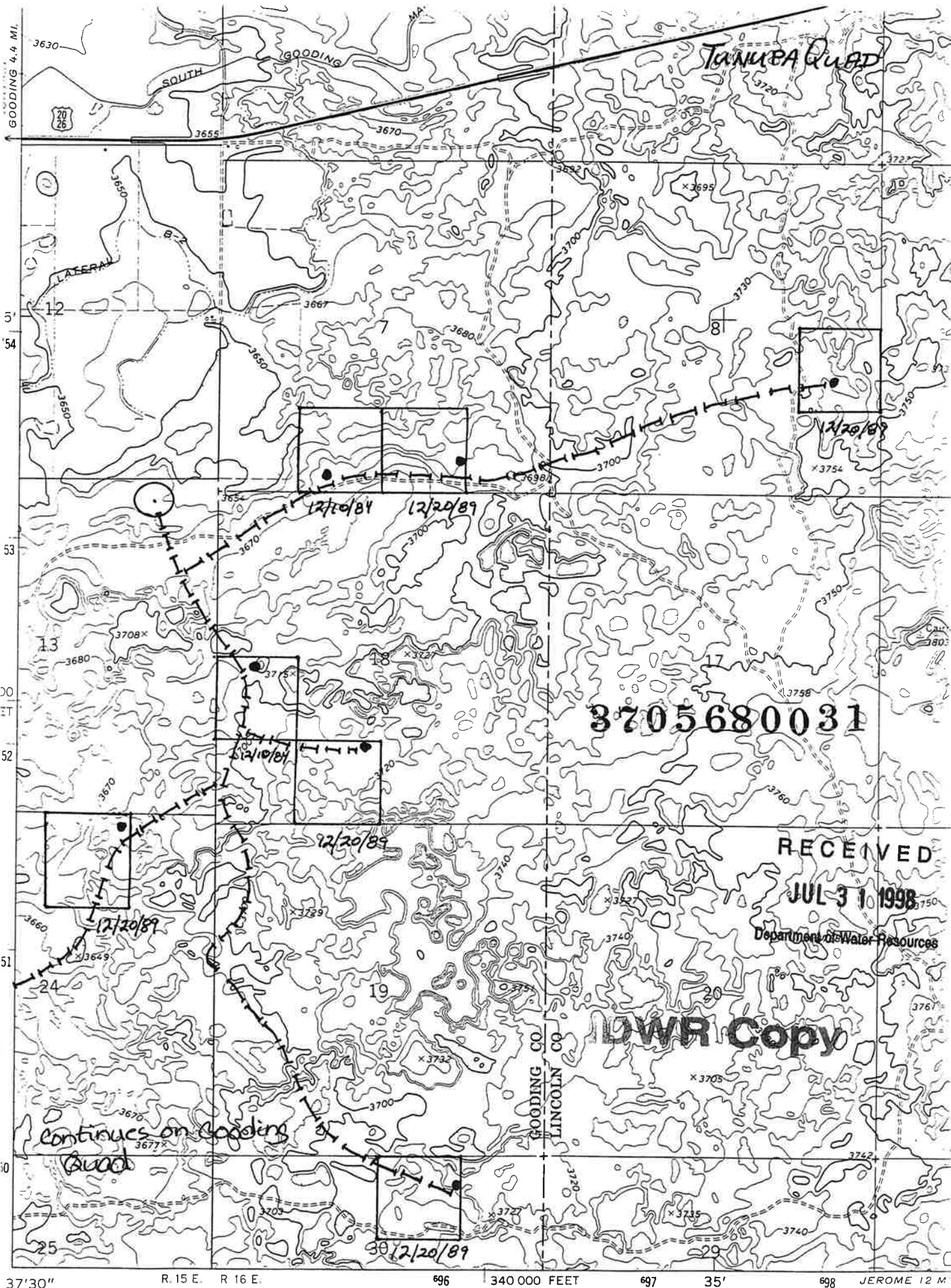
The quantity of water decreed for this water right for stockwater use is not a determination of historical beneficial use.

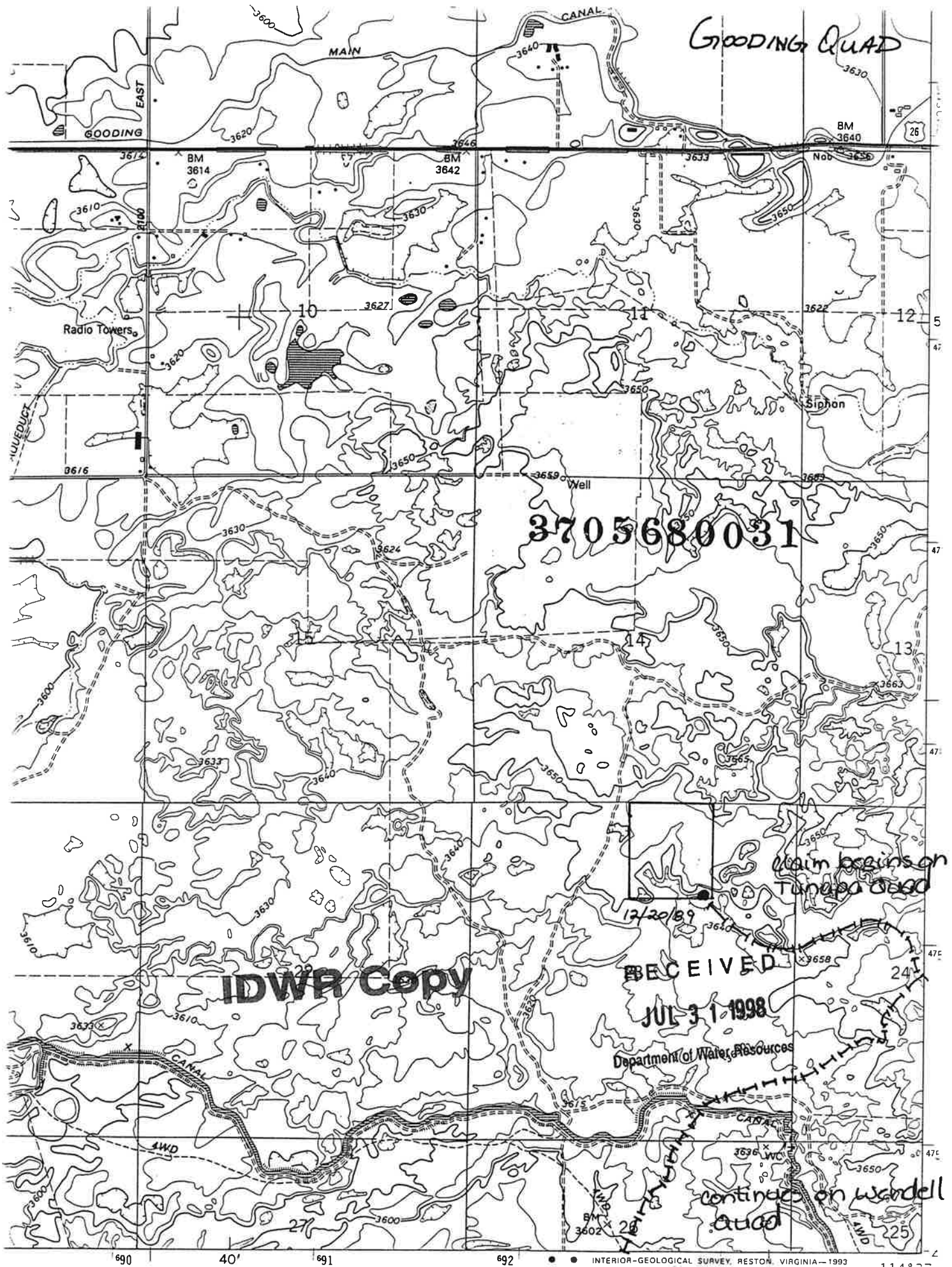
PLACE
of USE:

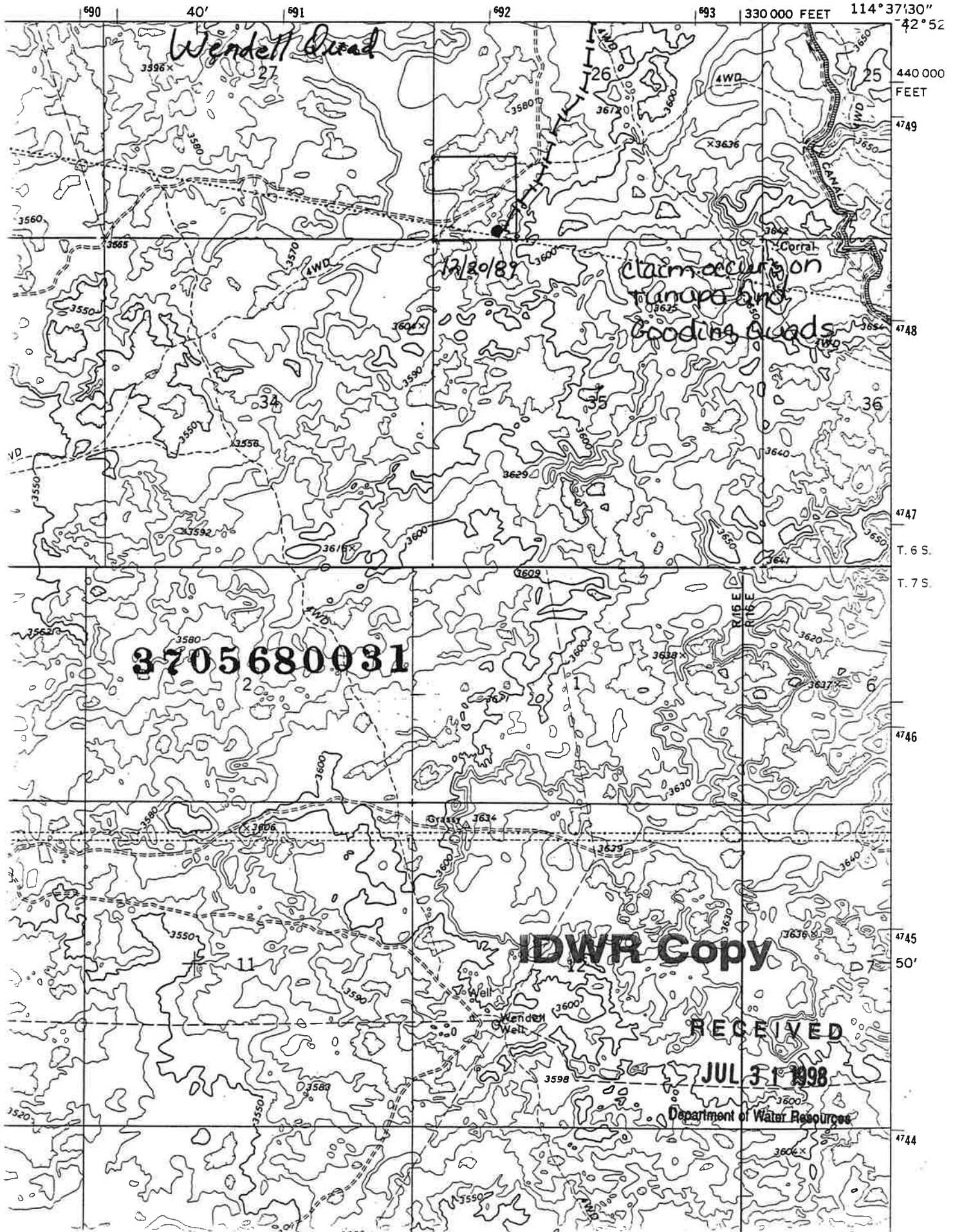
| Water Use | Tw | Rge | Sec | T1 | T2 | LOT | within the County of |
|-----------|-----|-----|-----|----|----|-----|----------------------|
| 04 | 06S | 15E | 23 | NW | NE | 02 | 47 GOODING |
| 16 | 06S | 15E | 23 | NW | NE | 02 | 47 GOODING |
| 04 | 06S | 15E | 24 | NW | NE | 02 | 47 GOODING |
| 16 | 06S | 15E | 24 | NW | NE | 02 | 47 GOODING |
| 04 | 06S | 15E | 26 | SW | SW | 0 | 47 GOODING |
| 16 | 06S | 15E | 26 | SW | SW | 0 | 47 GOODING |
| 04 | 06S | 16E | 7 | SW | SE | 0 | 47 GOODING |
| 16 | 06S | 16E | 7 | SW | SE | 0 | 47 GOODING |
| 04 | 06S | 16E | 7 | SE | SW | 0 | 47 GOODING |
| 16 | 06S | 16E | 7 | SE | SW | 0 | 47 GOODING |
| 04 | 06S | 16E | 8 | NE | SE | 0 | 63 LINCOLN |
| 16 | 06S | 16E | 8 | NE | SE | 0 | 63 LINCOLN |
| 04 | 06S | 16E | 18 | NW | SW | 03 | 47 GOODING |
| 16 | 06S | 16E | 18 | NW | SW | 03 | 47 GOODING |
| 04 | 06S | 16E | 18 | SE | SW | 0 | 47 GOODING |
| 16 | 06S | 16E | 18 | SE | SW | 0 | 47 GOODING |

RECEIVED

JUL 31 1998







WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

USE TYPEWRITER OR
RECEIVED
DEC 18 1984

1. WELL OWNER *Faulkner Land & Cattle*
Name *JOHN FAULKNER*
Address *Gooding IDA*
Owner's Permit No. _____

7. WATER LEVEL
Static water level *195* feet below land surface.
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____

2. NATURE OF WORK
☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning) _____

8. WELL TEST DATA
☐ Pump ☐ Bailer ☐ Air ☐ Other _____

| Discharge G.P.M. | Pumping Level | Hours Pumped |
|------------------|---------------|--------------|
| | | |
| | | |
| | | |

3. PROPOSED USE
☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

9. LITHOLOGIC LOG

| Hole
Diam. | Depth | | Material | Water | |
|---------------|-------|-----|------------|-------|----|
| | From | To | | Yes | No |
| 8" | 0 | 13 | BROWN SAND | | |
| 6" | 13 | 25 | GREY CLAY | | |
| 4" | 25 | 36 | BROWN " | | |
| 3 1/2" | 36 | 81 | GREY " | | |
| 4" | 81 | 103 | BROWN " | | |
| 6" | 103 | 255 | NO RETURNS | | |

4. METHOD DRILLED
☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

| Thickness | Diameter | From | To |
|--------------|----------|--------|---------|
| 1.250 inches | 6 inches | 1 feet | 19 feet |
| | | | |
| | | | |
| | | | |

Was casing drive shoe used? ☐ Yes ☒ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches
Number _____ From _____ To _____
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
Placed from _____ feet to _____ feet
Surface seal depth *19* Material used in seal: ☐ Cement grout
☒ Puddling clay ☐ Well cuttings
Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing
☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☐ Welded ☐ Solvent
Weld
☐ Cemented between strata

Describe access port _____

10. Work started *10/1/84* finished *10/10/84*

3. LOCATION OF WELL

Sketch map location must agree with written location.
Subdivision Name _____
Lot No. _____ Block No. _____
County *Gooding*
N
W
E
S
1/4 1/4 1/4 Sec. 13, T. 6, N/S, R. 15, E/W.

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.
Firm Name *C.B. EATON* Firm No. *26*
Address *Rt 1, NEWDELL* Date *11/1/84*
Signed by (Firm Official) *James Eaton*
and
(Operator) *James Eaton*

R37-10606
R# 5002032 = \$2500

WATER RIGHT CLAIM VERIFICATION

STATE OF IDAHO)
) ss:
COUNTY OF ADA)

CLAIMANT VERIFICATION: Signature:

Water Right Claim Number: 37-17396

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

For Organizations:

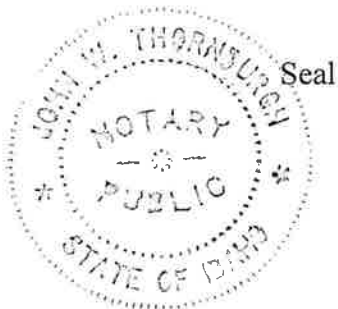
I do solemnly swear or affirm that I am Fredric W. Price, Water Rights Specialist
Name & Title
of United States of America, acting through U.S.D.I., BLM, that I have signed the attached documents in the space below as Water Rights Specialist of United States of
Title
America, acting through U.S.D.I., BLM and that the statements contained in the attached documents are true and correct.

Signature of Authorized Agent

for the United States of America, acting through U.S.D.I., BLM

NOTARY:

Subscribed and sworn to before me on this 1 day of May, 2002



A handwritten signature of John W. Thornburgh in dark ink.

John W. Thornburgh

Notary Public in and for the State of: Idaho

Residing at: Boise, Idaho

My Commission Expires: May 16, 2003

☐ ☐ ☐ IN THE DISTRICT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO, IN
AND FOR THE COUNTY OF TWIN FALLS
PPD?: PD?: Adm?: Prob?: ☐ NEXT AMENDED NOTICE of CLAIM for
Water Right number:

In Re SRBA Case No. 39576

NAME and
ADDRESS

United States of America acting through
Bureau of Land Management
Idaho State Office
1387 South Vinnell Way
Boise, ID 83709 - 1657

BLMIDENT: 3705680031 Stg: J StFed: S

3717396 (IDWR number)
OtherRight and date:

SOURCE:

Source Tributary
GROUNDWATER

QUANTITY:

0.05 CFS or VOLUME: 0 Acre Feet

PRIORITY DATE:

12/10/1984

Diversion Means: CAGED WELL, SUBMERSIBLE PUMP/MOTOR, PIPELINE

REMARKS:

Source locally known as Goodtime Well.

POINT of
DIVERSION:

| Twntship | Range | Section | T1 | T2 | T3 | LOT | B/E | within the | County of |
|----------|-------|---------|----|----|----|-----|-----|------------|-----------|
| 06S | 15E | 13 | NW | NE | NE | 0 | | 47 | GOODING |

PURPOSE
and
PERIOD
OF USE:

| Purpose of Use | | Period of Use (from - to): | | | Rate in CFS | | or Volume in AcFt | |
|----------------|--|----------------------------|--|------|-------------|--|-------------------|--|
| 04 | | 0101 | | 1231 | 0.05 | | 0 | |
| 16 | | 0101 | | 1231 | 0.05 | | 0 | |

CONSUMPTIVE
USE:

stockwater

DATE: 01-May-02

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

The quantity of water decreed for this water right for stockwater use is not a determination of historical beneficial use.

PLACE
of USE:

| Water Use | Twnt | Rge | Sec | T1 | T2 | LOT | within the County of |
|-----------|------|-----|-----|----|----|-----|----------------------|
| 16 | 06S | 15E | 23 | NW | NE | 02 | 47 GOODING |
| 16 | 06S | 15E | 26 | SW | SW | 0 | 47 GOODING |
| 16 | 06S | 16E | 8 | NE | SE | 0 | 63 LINCOLN |
| 16 | 06S | 16E | 18 | NW | SW | 03 | 47 GOODING |
| 16 | 06S | 16E | 18 | NE | NW | 0 | 47 GOODING |
| 04 | 06S | 16E | 30 | NW | NE | | 47 GOODING |
| 16 | 06S | 16E | 30 | NW | NE | | 47 GOODING |
| 04 | 06S | 16E | 18 | NE | NW | 0 | 47 GOODING |
| 04 | 06S | 15E | 23 | NW | NE | 02 | 47 GOODING |
| 04 | 06S | 15E | 26 | SW | SW | 0 | 47 GOODING |
| 04 | 06S | 16E | 8 | NE | SE | 0 | 63 LINCOLN |
| 04 | 06S | 16E | 18 | NW | SW | 03 | 47 GOODING |



WELL HOUSE (POD)



TYPICAL TROUGH

37-17396



WELL HOUSE



INSIDE WELL HOUSE

37-17396

R15E

R16E

T05S

T05S

T06S

T06S

T07S

T07S

R15E

R16E

Goodtime Well System

37-17396

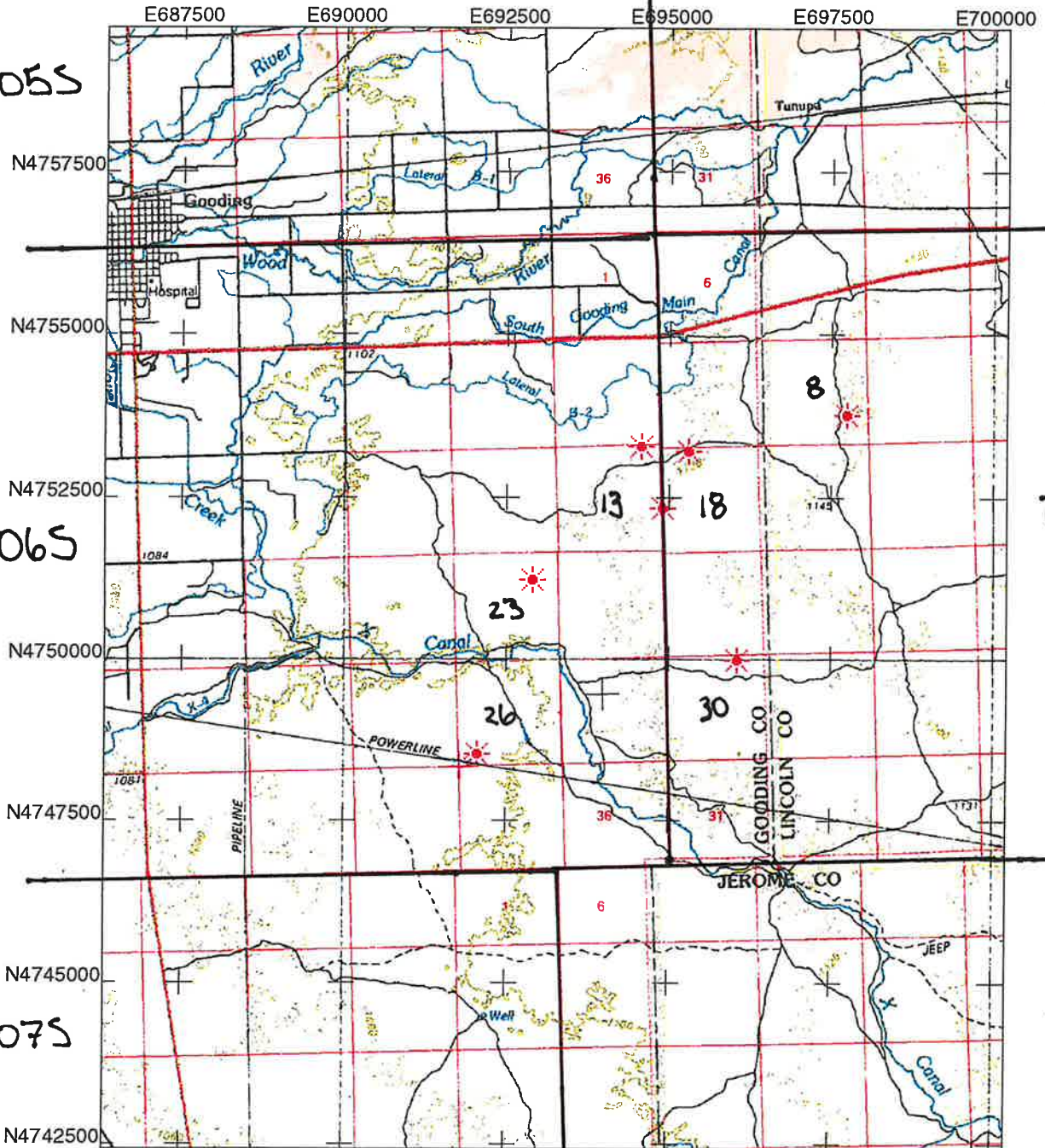
Universal Transverse Mercator
11 North
NAD 1927 (Western US)

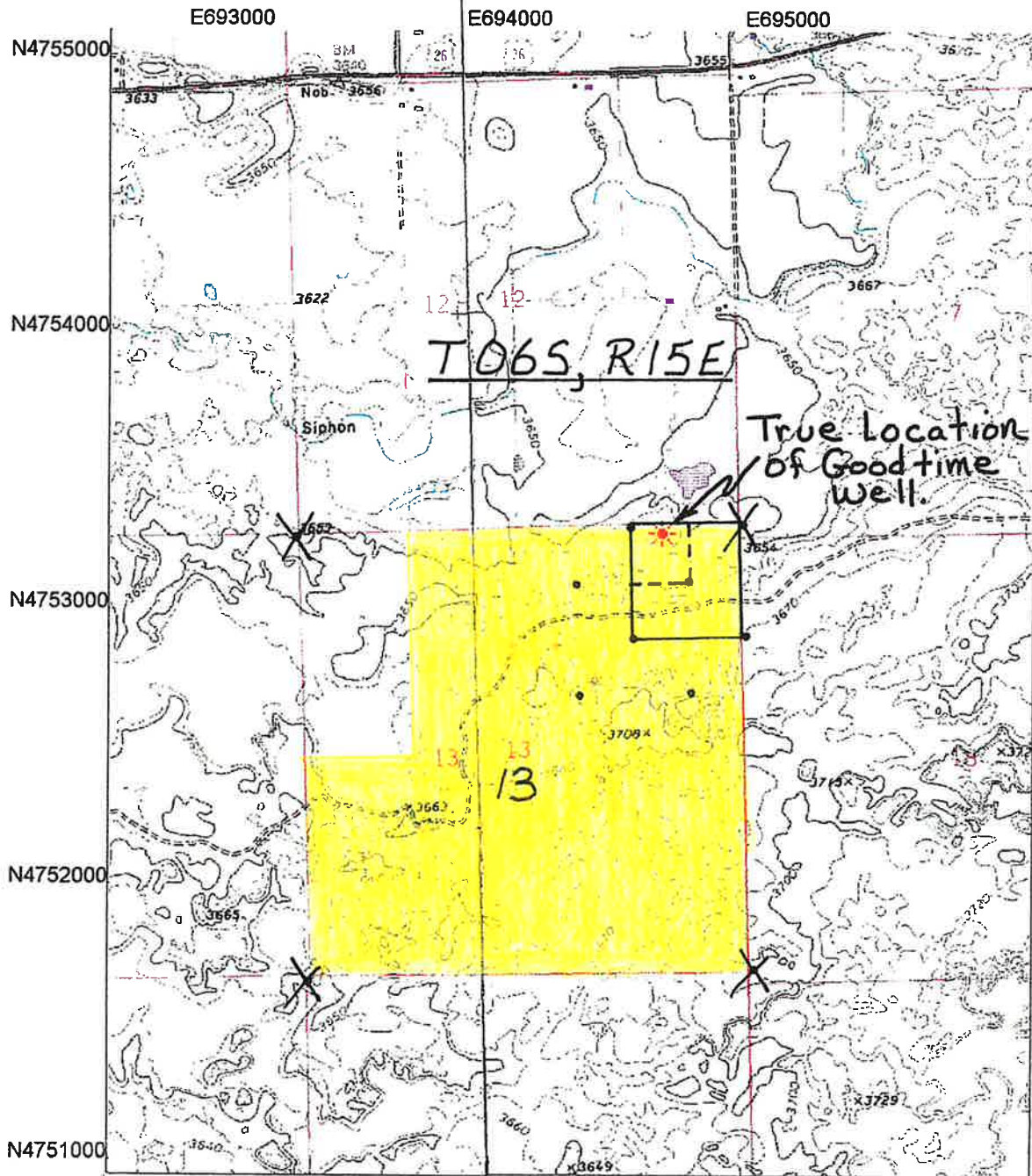


Scale 1:100000
0 2.000
Miles

Multiple Files
11/5/1999
Pathfinder Office
 **Trimble**

MAP 1 of 6





37-17396

3705680031

Universal Transverse Mercator
11 North
NAD 1927 (Western US)



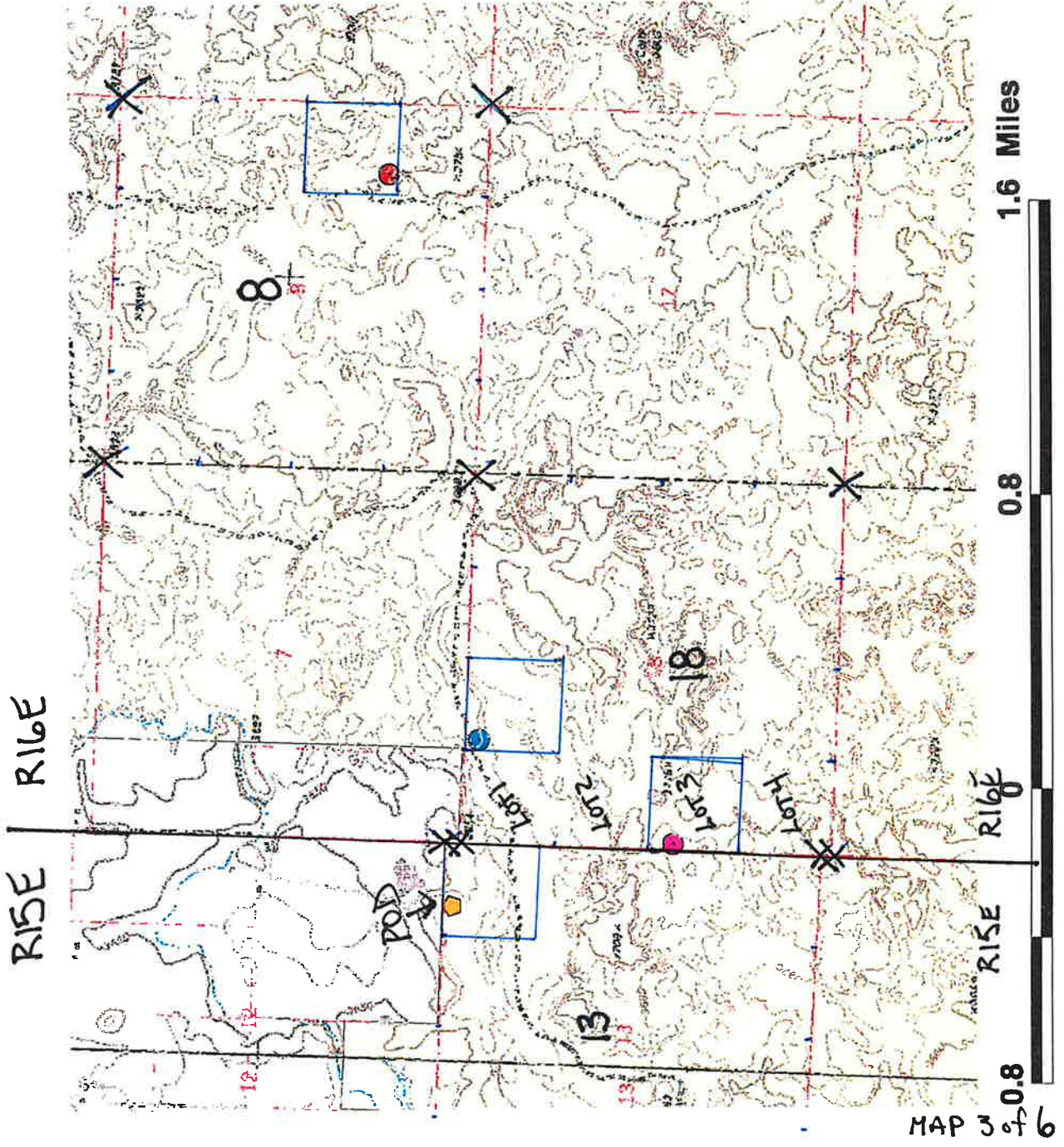
Scale 1:24000
0 3000
Feet

goodtime well.ssf
08/29/1999
Pathfinder Office
 Trimble

MAP 2 of 6

Goodtime Well System

37-17396

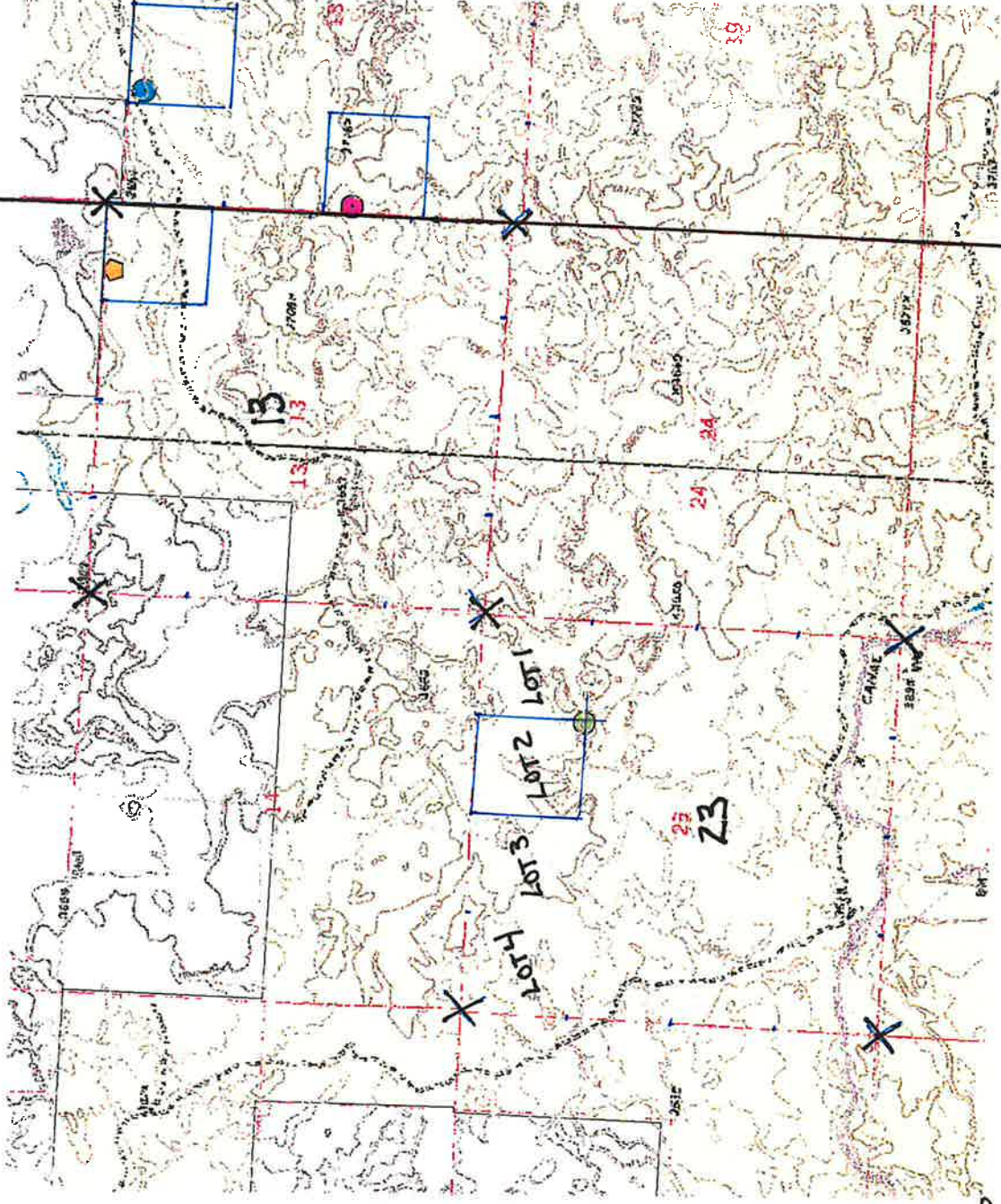


No warranty is made by the Bureau of Land Management for use of the data for purposes not intended by Bureau of Land Management.

Goodtime Well System

37-17396

RISE R16E



1.4 Miles

0.7

0

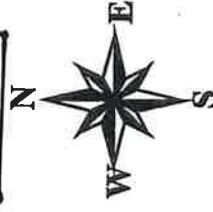
0.7

RISE R16E

- Goodtime well.shp
- Goodtime trgh6.shp
- Goodtime trgh5.shp
- Goodtime trgh4.shp
- Goodtime trgh3.shp
- Goodtime trgh2.shp
- Goodtime trgh1.shp

| Owner | BLANK | BLM | NPS | PRIVATE | PS | PWR | RW | STATE | USFS |
|-------|-------|-----|-----|---------|----|-----|----|-------|------|
| | | | | | | | | | |

T06S



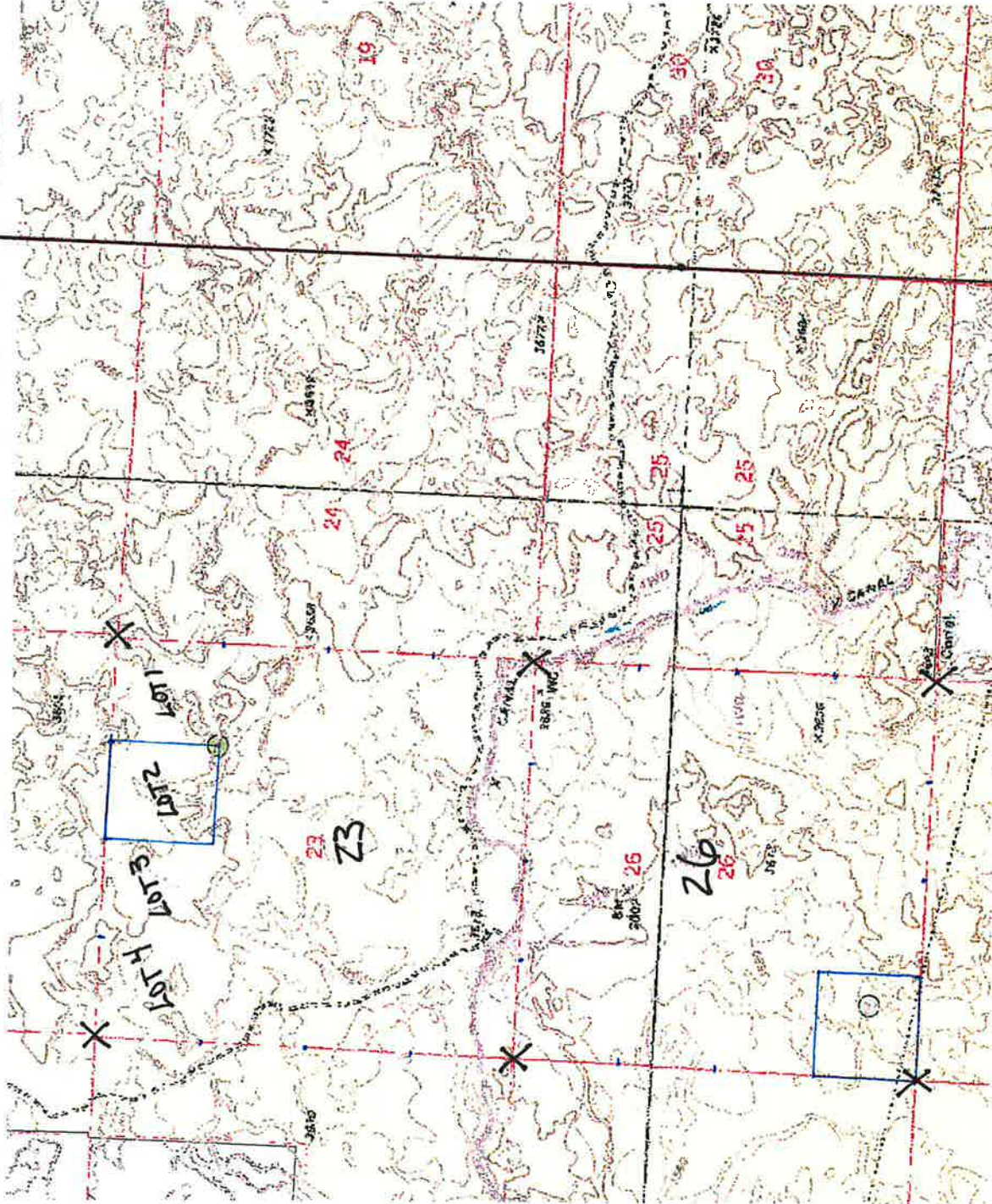
No warranty is made by the Bureau of Land Management for use of the data for purposes not intended by Bureau of Land Management.

MAP 407

Goodtime Well System

37-17396

RISE R16E



RISE R15E 1.4 Miles

0.7

0

0.7

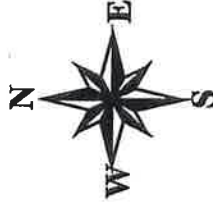
MAP 5 of 6

- Goodtime well.shp
- Goodtime trgh6.shp
- Goodtime trgh5.shp
- Goodtime trgh4.shp
- Goodtime trgh3.shp
- Goodtime trgh2.shp
- Goodtime trgh1.shp

Owner

- BLANK
- BLM
- NPS
- PRIVATE
- PS
- PWR
- RW
- STATE
- USFS

TD6S

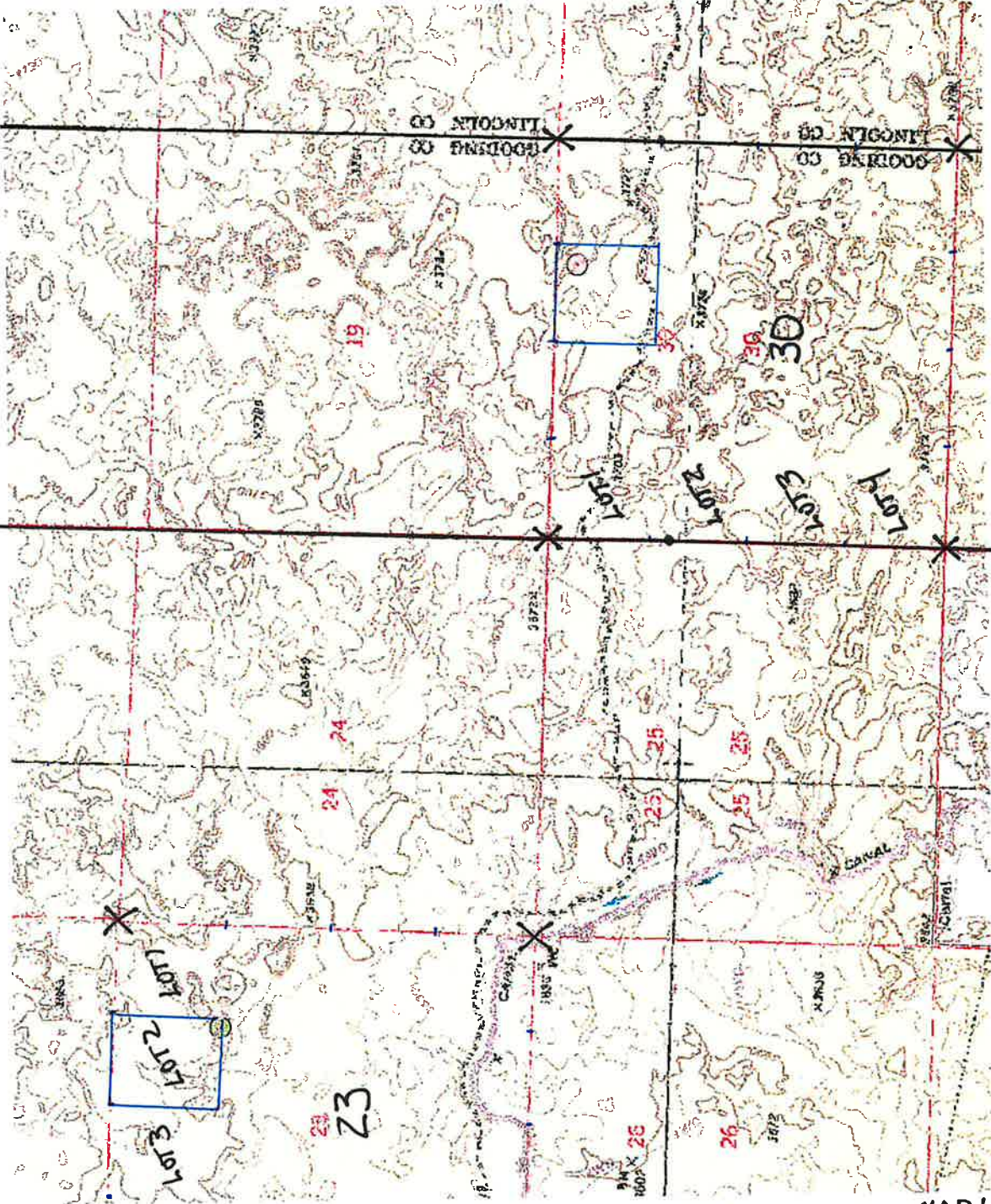


No warranty is made by the Bureau of Land Management for use of the data for purposes not intended by Bureau of Land Management.

Goodtime Well System

37-17396

R15E R16E

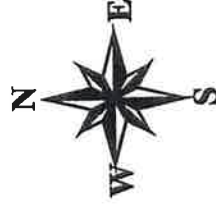


- Goodtime well.shp
- Goodtime trgh6.shp
- Goodtime trgh5.shp
- Goodtime trgh4.shp
- Goodtime trgh3.shp
- Goodtime trgh2.shp
- Goodtime trgh1.shp

Owner

- BLANK
- BLM
- NPS
- PRIVATE
- PS
- PWR
- RW
- STATE
- USFS

T06S



MAP 6 of 6

R15E R16E 0.7 1.4 Miles

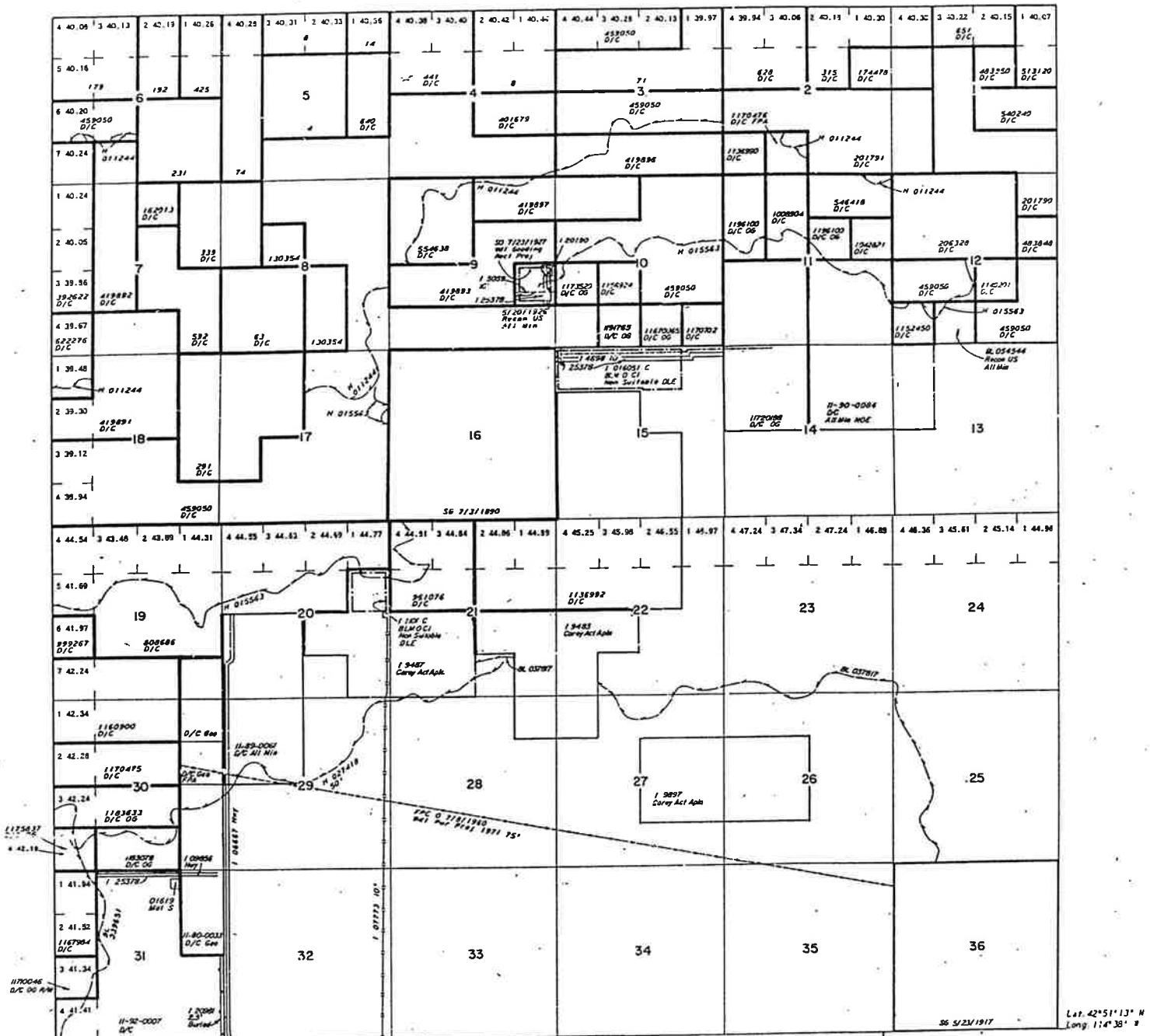


No warranty is made by the Bureau of Land Management for use of the data for purposes not intended by Bureau of Land Management.

3705680031

TOWNSHIP 6 SOUTH RANGE 15 EAST OF THE BOISE MERIDIAN, IDAHO

GOODING COUNTY 047
SHOSHONE DISTRICT SEC 3



SCALE in Chains
0 10 20 30 40 50 60

7 S-15 E

7 S-16 E

THE NOTATION SHOWN ON WITHDRAWAL ACTION TAKEN BUT MAY NOT BE THE HISTORICAL INDEX FOR THE DRAWAL ORDER.

WARNING STATEMENT
This plat is the Bureau's Record of Title, and should be used only as a graphic display of the township survey data. Records herein do not reflect title changes which may have been made since the survey was made.

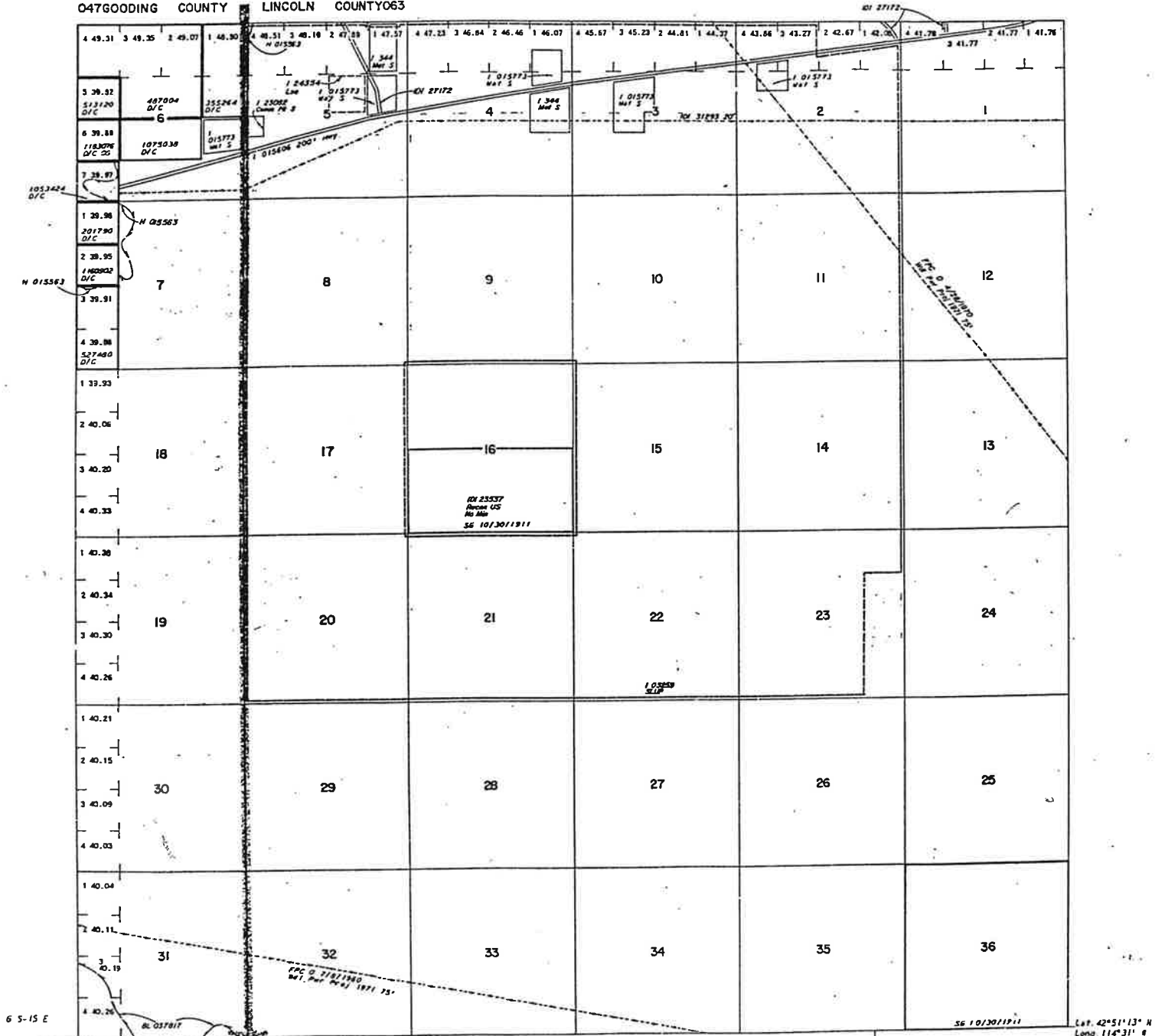
Lat. 42°51'13" N
Long. 114°38' 8"

3705680031

TOWNSHIP 6 SOUTH RANGE 16 EAST OF THE BOISE MERIDIAN, IDAHO

SHOSHONE DISTRICT SEC 3

047GOODING COUNTY LINCOLN COUNTY063

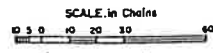


T 5-16 E

T 5-16 E

T 5-17 E

Lat. 42°51'13" N
Long. 114°31' 8"



WARNING STATEMENT
This plat is the Bureau's Record of Title, and should be used only as a graphic display of the township survey data. Records herein do not reflect title changes which may have been made since the survey was made.

THE NOTATION SHOWN ON THIS ACTION TAKEN BUT MAY BE THE HISTORICAL INDEX FOR RECORD PURPOSES

Form 238-7
1/78

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL-DRILLER'S REPORT

USE TYPEWRITER OR

BALLPOINT PEN

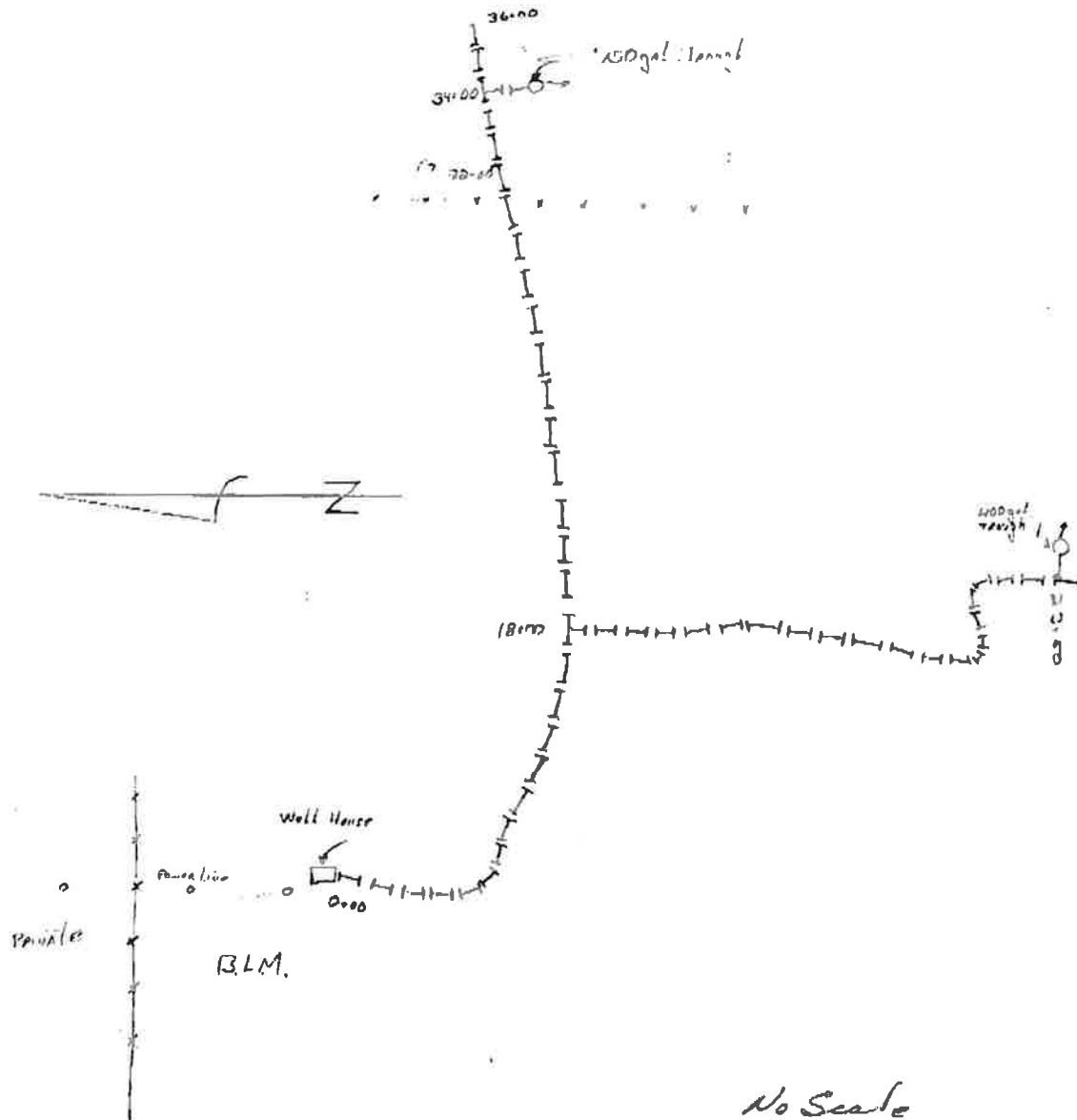
5263

State law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

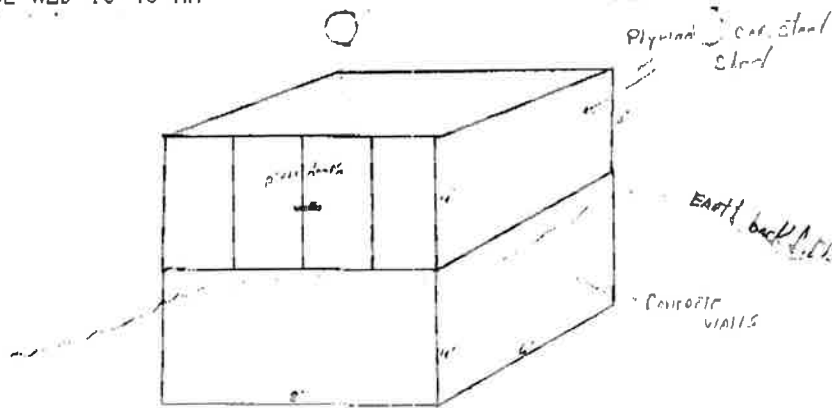
195 ft

| 1. WELL OWNER <u>Fruit Creek Land & Cattle</u>
Name <u> </u>
Address <u> </u>
Owner's Permit No. <u>Drilled on BLM Land</u> | 7. WATER LEVEL
Static water level <u>195</u> feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow <u> </u>
Artesian closed-in pressure <u> </u> p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature <u> </u> °F Quality <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|------------------|---------------|----------------|----------|----------------|------|----|---|---|---|-----------|--|---|---|---|-----------|--|---|---|---|-----------|--|---|---|---|-----------|--|---|---|---|-----------|--|---|---|---|-----------|--|---|---|---|-----------|--|---|---|---|-----------|--|---|---|----|-----------|--|----|----|----|-------------|--|----|----|-----|-------------|--|-----|-----|-----|-------------|--|
| 2. NATURE OF WORK
☐ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning) <u> </u> | 8. WELL TEST DATA
☐ Pump ☐ Baller ☐ Air ☐ Other <u> </u>
<table border="1"> <thead> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> | Discharge G.P.M. | Pumping Level | Hours Pumped | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Discharge G.P.M. | Pumping Level | Hours Pumped | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other <u> </u> (specify type) | 9. LITHOLOGIC LOG
<table border="1"> <thead> <tr> <th rowspan="2">Hole
Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th rowspan="2">Water
Yield</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr><td>1</td><td>0</td><td>2</td><td>10' - 11'</td><td> </td></tr> <tr><td>2</td><td>2</td><td>3</td><td>12' - 13'</td><td> </td></tr> <tr><td>3</td><td>3</td><td>4</td><td>14' - 15'</td><td> </td></tr> <tr><td>4</td><td>4</td><td>5</td><td>16' - 17'</td><td> </td></tr> <tr><td>5</td><td>5</td><td>6</td><td>18' - 19'</td><td> </td></tr> <tr><td>6</td><td>6</td><td>7</td><td>20' - 21'</td><td> </td></tr> <tr><td>7</td><td>7</td><td>8</td><td>22' - 23'</td><td> </td></tr> <tr><td>8</td><td>8</td><td>9</td><td>24' - 25'</td><td> </td></tr> <tr><td>9</td><td>9</td><td>10</td><td>26' - 27'</td><td> </td></tr> <tr><td>10</td><td>10</td><td>11</td><td>28' - 29'</td><td> </td></tr> <tr><td>11</td><td>11</td><td>12</td><td>30' - 31'</td><td> </td></tr> <tr><td>12</td><td>12</td><td>13</td><td>32' - 33'</td><td> </td></tr> <tr><td>13</td><td>13</td><td>14</td><td>34' - 35'</td><td> </td></tr> <tr><td>14</td><td>14</td><td>15</td><td>36' - 37'</td><td> </td></tr> <tr><td>15</td><td>15</td><td>16</td><td>38' - 39'</td><td> </td></tr> <tr><td>16</td><td>16</td><td>17</td><td>40' - 41'</td><td> </td></tr> <tr><td>17</td><td>17</td><td>18</td><td>42' - 43'</td><td> </td></tr> <tr><td>18</td><td>18</td><td>19</td><td>44' - 45'</td><td> </td></tr> <tr><td>19</td><td>19</td><td>20</td><td>46' - 47'</td><td> </td></tr> <tr><td>20</td><td>20</td><td>21</td><td>48' - 49'</td><td> </td></tr> <tr><td>21</td><td>21</td><td>22</td><td>50' - 51'</td><td> </td></tr> <tr><td>22</td><td>22</td><td>23</td><td>52' - 53'</td><td> </td></tr> <tr><td>23</td><td>23</td><td>24</td><td>54' - 55'</td><td> </td></tr> <tr><td>24</td><td>24</td><td>25</td><td>56' - 57'</td><td> </td></tr> <tr><td>25</td><td>25</td><td>26</td><td>58' - 59'</td><td> </td></tr> <tr><td>26</td><td>26</td><td>27</td><td>60' - 61'</td><td> </td></tr> <tr><td>27</td><td>27</td><td>28</td><td>62' - 63'</td><td> </td></tr> <tr><td>28</td><td>28</td><td>29</td><td>64' - 65'</td><td> </td></tr> <tr><td>29</td><td>29</td><td>30</td><td>66' - 67'</td><td> </td></tr> <tr><td>30</td><td>30</td><td>31</td><td>68' - 69'</td><td> </td></tr> <tr><td>31</td><td>31</td><td>32</td><td>70' - 71'</td><td> </td></tr> <tr><td>32</td><td>32</td><td>33</td><td>72' - 73'</td><td> </td></tr> <tr><td>33</td><td>33</td><td>34</td><td>74' - 75'</td><td> </td></tr> <tr><td>34</td><td>34</td><td>35</td><td>76' - 77'</td><td> </td></tr> <tr><td>35</td><td>35</td><td>36</td><td>78' - 79'</td><td> </td></tr> <tr><td>36</td><td>36</td><td>37</td><td>80' - 81'</td><td> </td></tr> <tr><td>37</td><td>37</td><td>38</td><td>82' - 83'</td><td> </td></tr> <tr><td>38</td><td>38</td><td>39</td><td>84' - 85'</td><td> </td></tr> <tr><td>39</td><td>39</td><td>40</td><td>86' - 87'</td><td> </td></tr> <tr><td>40</td><td>40</td><td>41</td><td>88' - 89'</td><td> </td></tr> <tr><td>41</td><td>41</td><td>42</td><td>90' - 91'</td><td> </td></tr> <tr><td>42</td><td>42</td><td>43</td><td>92' - 93'</td><td> </td></tr> <tr><td>43</td><td>43</td><td>44</td><td>94' - 95'</td><td> </td></tr> <tr><td>44</td><td>44</td><td>45</td><td>96' - 97'</td><td> </td></tr> <tr><td>45</td><td>45</td><td>46</td><td>98' - 99'</td><td> </td></tr> <tr><td>46</td><td>46</td><td>47</td><td>100' - 101'</td><td> </td></tr> <tr><td>47</td><td>47</td><td>48</td><td>102' - 103'</td><td> </td></tr> <tr><td>48</td><td>48</td><td>49</td><td>104' - 105'</td><td> </td></tr> <tr><td>49</td><td>49</td><td>50</td><td>106' - 107'</td><td> </td></tr> <tr><td>50</td><td>50</td><td>51</td><td>108' - 109'</td><td> </td></tr> <tr><td>51</td><td>51</td><td>52</td><td>110' - 111'</td><td> </td></tr> <tr><td>52</td><td>52</td><td>53</td><td>112' - 113'</td><td> </td></tr> <tr><td>53</td><td>53</td><td>54</td><td>114' - 115'</td><td> </td></tr> <tr><td>54</td><td>54</td><td>55</td><td>116' - 117'</td><td> </td></tr> <tr><td>55</td><td>55</td><td>56</td><td>118' - 119'</td><td> </td></tr> <tr><td>56</td><td>56</td><td>57</td><td>120' - 121'</td><td> </td></tr> <tr><td>57</td><td>57</td><td>58</td><td>122' - 123'</td><td> </td></tr> <tr><td>58</td><td>58</td><td>59</td><td>124' - 125'</td><td> </td></tr> <tr><td>59</td><td>59</td><td>60</td><td>126' - 127'</td><td> </td></tr> <tr><td>60</td><td>60</td><td>61</td><td>128' - 129'</td><td> </td></tr> <tr><td>61</td><td>61</td><td>62</td><td>130' - 131'</td><td> </td></tr> <tr><td>62</td><td>62</td><td>63</td><td>132' - 133'</td><td> </td></tr> <tr><td>63</td><td>63</td><td>64</td><td>134' - 135'</td><td> </td></tr> <tr><td>64</td><td>64</td><td>65</td><td>136' - 137'</td><td> </td></tr> <tr><td>65</td><td>65</td><td>66</td><td>138' - 139'</td><td> </td></tr> <tr><td>66</td><td>66</td><td>67</td><td>140' - 141'</td><td> </td></tr> <tr><td>67</td><td>67</td><td>68</td><td>142' - 143'</td><td> </td></tr> <tr><td>68</td><td>68</td><td>69</td><td>144' - 145'</td><td> </td></tr> <tr><td>69</td><td>69</td><td>70</td><td>146' - 147'</td><td> </td></tr> <tr><td>70</td><td>70</td><td>71</td><td>148' - 149'</td><td> </td></tr> <tr><td>71</td><td>71</td><td>72</td><td>150' - 151'</td><td> </td></tr> <tr><td>72</td><td>72</td><td>73</td><td>152' - 153'</td><td> </td></tr> <tr><td>73</td><td>73</td><td>74</td><td>154' - 155'</td><td> </td></tr> <tr><td>74</td><td>74</td><td>75</td><td>156' - 157'</td><td> </td></tr> <tr><td>75</td><td>75</td><td>76</td><td>158' - 159'</td><td> </td></tr> <tr><td>76</td><td>76</td><td>77</td><td>160' - 161'</td><td> </td></tr> <tr><td>77</td><td>77</td><td>78</td><td>162' - 163'</td><td> </td></tr> <tr><td>78</td><td>78</td><td>79</td><td>164' - 165'</td><td> </td></tr> <tr><td>79</td><td>79</td><td>80</td><td>166' - 167'</td><td> </td></tr> <tr><td>80</td><td>80</td><td>81</td><td>168' - 169'</td><td> </td></tr> <tr><td>81</td><td>81</td><td>82</td><td>170' - 171'</td><td> </td></tr> <tr><td>82</td><td>82</td><td>83</td><td>172' - 173'</td><td> </td></tr> <tr><td>83</td><td>83</td><td>84</td><td>174' - 175'</td><td> </td></tr> <tr><td>84</td><td>84</td><td>85</td><td>176' - 177'</td><td> </td></tr> <tr><td>85</td><td>85</td><td>86</td><td>178' - 179'</td><td> </td></tr> <tr><td>86</td><td>86</td><td>87</td><td>180' - 181'</td><td> </td></tr> <tr><td>87</td><td>87</td><td>88</td><td>182' - 183'</td><td> </td></tr> <tr><td>88</td><td>88</td><td>89</td><td>184' - 185'</td><td> </td></tr> <tr><td>89</td><td>89</td><td>90</td><td>186' - 187'</td><td> </td></tr> <tr><td>90</td><td>90</td><td>91</td><td>188' - 189'</td><td> </td></tr> <tr><td>91</td><td>91</td><td>92</td><td>190' - 191'</td><td> </td></tr> <tr><td>92</td><td>92</td><td>93</td><td>192' - 193'</td><td> </td></tr> <tr><td>93</td><td>93</td><td>94</td><td>194' - 195'</td><td> </td></tr> <tr><td>94</td><td>94</td><td>95</td><td>196' - 197'</td><td> </td></tr> <tr><td>95</td><td>95</td><td>96</td><td>198' - 199'</td><td> </td></tr> <tr><td>96</td><td>96</td><td>97</td><td>200' - 201'</td><td> </td></tr> <tr><td>97</td><td>97</td><td>98</td><td>202' - 203'</td><td> </td></tr> <tr><td>98</td><td>98</td><td>99</td><td>204' - 205'</td><td> </td></tr> <tr><td>99</td><td>99</td><td>100</td><td>206' - 207'</td><td> </td></tr> <tr><td>100</td><td>100</td><td>101</td><td>208' - 209'</td><td> </td></tr> <tr><td>101</td><td>101</td><td>102</td><td>210' - 211'</td><td> </td></tr> <tr><td>102</td><td>102</td><td>103</td><td>212' - 213'</td><td> </td></tr> <tr><td>103</td><td>103</td><td>104</td><td>214' - 215'</td><td> </td></tr> <tr><td>104</td><td>104</td><td>105</td><td>216' - 217'</td><td> </td></tr> <tr><td>105</td><td>105</td><td>106</td><td>218' - 219'</td><td> </td></tr> <tr><td>106</td><td>106</td><td>107</td><td>220' - 221'</td><td> </td></tr> <tr><td>107</td><td>107</td><td>108</td><td>222' - 223'</td><td> </td></tr> <tr><td>108</td><td>108</td><td>109</td><td>224' - 225'</td><td> </td></tr> <tr><td>109</td><td>109</td><td>110</td><td>226' - 227'</td><td> </td></tr> <tr><td>110</td><td>110</td><td>111</td><td>228' - 229'</td><td> </td></tr> <tr><td>111</td><td>111</td><td>112</td><td>230' - 231'</td><td> </td></tr> <tr><td>112</td><td>112</td><td>113</td><td>232' - 233'</td><td> </td></tr> <tr><td>113</td><td>113</td><td>114</td><td>234' - 235'</td><td> </td></tr> <tr><td>114</td><td>114</td><td>115</td><td>236' - 237'</td><td> </td></tr> <tr><td>115</td><td>115</td><td>116</td><td>238' - 239'</td><td> </td></tr> <tr><td>116</td><td>116</td><td>117</td><td>240' - 241'</td><td> </td></tr> <tr><td>117</td><td>117</td><td>118</td><td>242' - 243'</td><td> </td></tr> <tr><td>118</td><td>118</td><td>119</td><td>244' - 245'</td><td> </td></tr> <tr><td>119</td><td>119</td><td>120</td><td>246' - 247'</td><td> </td></tr> <tr><td>120</td><td>120</td><td>121</td><td>248' - 249'</td><td> </td></tr> <tr><td>121</td><td>121</td><td>122</td><td>250' - 251'</td><td> </td></tr> <tr><td>122</td><td>122</td><td>123</td><td>252' - 253'</td><td> </td></tr> <tr><td>123</td><td>123</td><td>124</td><td>254' - 255'</td><td> </td></tr> <tr><td>124</td><td>124</td><td>125</td><td>256' - 257'</td><td> </td></tr> <tr><td>125</td><td>125</td><td>126</td><td>258' - 259'</td><td> </td></tr> <tr><td>126</td><td>126</td><td>127</td><td>260' - 261'</td><td> </td></tr> <tr><td>127</td><td>127</td><td>128</td><td>262' - 263'</td><td> </td></tr> <tr><td>128</td><td>128</td><td>129</td><td>264' - 265'</td><td> </td></tr> <tr><td>129</td><td>129</td><td>130</td><td>266' - 267'</td><td> </td></tr> <tr><td>130</td><td>130</td><td>131</td><td>268' - 269'</td><td> </td></tr> <tr><td>131</td><td>131</td><td>132</td><td>270' - 271'</td><td> </td></tr> <tr><td>132</td><td>132</td><td>133</td><td>272' - 273'</td><td> </td></tr> <tr><td>133</td><td>133</td><td>134</td><td>274' - 275'</td><td> </td></tr> <tr><td>134</td><td>134</td><td>135</td><td>276' - 277'</td><td> </td></tr> <tr><td>135</td><td>135</td><td>136</td><td>278' - 279'</td><td> </td></tr> <tr><td>136</td><td>136</td><td>137</td><td>280' - 281'</td><td> </td></tr> <tr><td>137</td><td>137</td><td>138</td><td>282' - 283'</td><td> </td></tr> <tr><td>138</td><td>138</td><td>139</td><td>284' - 285'</td><td> </td></tr> <tr><td>139</td><td>139</td><td>140</td><td>286' - 287'</td><td> </td></tr> <tr><td>140</td><td>140</td><td>141</td><td>288' - 289'</td><td> </td></tr> <tr><td>141</td><td>141</td><td>142</td><td>290' - 291'</td><td> </td></tr> <tr><td>142</td><td>142</td><td>143</td><td>292' - 293'</td><td> </td></tr> <tr><td>143</td><td>143</td><td>144</td><td>294' - 295'</td><td> </td></tr> <tr><td>144</td><td>144</td><td>145</td><td>296' - 297'</td><td> </td></tr> <tr><td>145</td><td>145</td><td>146</td><td>298' - 299'</td><td> </td></tr> <tr><td>146</td><td>146</td><td>147</td><td>300' - 301'</td><td> </td></tr> <tr><td>147</td><td>147</td><td>148</td><td>302' - 303'</td><td> </td></tr> <tr><td>148</td><td>148</td><td>149</td><td>304' - 305'</td><td> </td></tr> <tr><td>149</td><td>149</td><td>150</td><td>306' - 307'</td><td> </td></tr> <tr><td>150</td><td>150</td><td>151</td><td>308' - 309'</td><td> </td></tr> <tr><td>151</td><td>151</td><td>152</td><td>310' - 311'</td><td> </td></tr> <tr><td>152</td><td>152</td><td>153</td><td>312' - 313'</td><td> </td></tr> <tr><td>153</td><td>153</td><td>154</td><td>314' - 315'</td><td> </td></tr> <tr><td>154</td><td>154</td><td>155</td><td>316' - 317'</td><td> </td></tr> <tr><td>155</td><td>155</td><td>156</td><td>318' - 319'</td><td> </td></tr> <tr><td>156</td><td>156</td><td>157</td><td>320' - 321'</td><td> </td></tr> <tr><td>157</td><td>157</td><td>158</td><td>322' - 323'</td><td> </td></tr> <tr><td>158</td><td>158</td><td>159</td><td>324' - 325'</td><td> </td></tr> <tr><td>159</td><td>159</td><td>160</td><td>326' - 327'</td><td> </td></tr> <tr><td>160</td><td>160</td><td>161</td><td>328' - 329'</td><td> </td></tr> <tr><td>161</td><td>161</td><td>162</td><td>330' - 331'</td><td> </td></tr> <tr><td>162</td><td>162</td><td>163</td><td>332' - 333'</td><td> </td></tr> <tr><td>163</td><td>163</td><td>164</td><td>334' - 335'</td><td> </td></tr> <tr><td>164</td><td>164</td><td>165</td><td>336' - 337'</td><td> </td></tr> <tr><td>165</td><td>165</td><td>166</td><td>338' - 339'</td><td> </td></tr> <tr><td>166</td><td>166</td><td>167</td><td>340' - 341'</td><td> </td></tr> <tr><td>167</td><td>167</td><td>168</td><td>342' - 343'</td><td> </td></tr> <tr><td>168</td><td>168</td><td>169</td><td>344' - 345'</td><td> </td></tr> <tr><td>169</td><td>169</td><td>170</td><td>346' - 347'</td><td> </td></tr> <tr><td>170</td><td>170</td><td>171</td><td>348' - 349'</td><td> </td></tr> <tr><td>171</td><td>171</td><td>172</td><td>350' - 351'</td><td> </td></tr> <tr><td>172</td><td>172</td><td>173</td><td>352' - 353'</td><td> </td></tr> <tr><td>173</td><td>173</td><td>174</td><td>354' - 355'</td><td> </td></tr> <tr><td>174</td><td>174</td><td>175</td><td>356' - 357'</td><td> </td></tr> <tr><td>175</td><td>175</td><td>176</td><td>358' - 359'</td><td> </td></tr> <tr><td>176</td><td>176</td><td>177</td><td>360' - 361'</td><td> </td></tr> <tr><td>177</td><td>177</td><td>178</td><td>362' - 363'</td><td> </td></tr> <tr><td>178</td><td>178</td><td>179</td><td>364' - 365'</td><td> </td></tr> <tr><td>179</td><td>179</td><td>180</td><td>366' - 367'</td><td> </td></tr> <tr><td>180</td><td>180</td><td>181</td><td>368' - 369'</td><td> </td></tr> <tr><td>181</td><td>181</td><td>182</td><td>370' - 371'</td><td> </td></tr> <tr><td>182</td><td>182</td><td>183</td><td>372' - 373'</td><td> </td></tr> <tr><td>183</td><td>183</td><td>184</td><td>374' - 375'</td><td> </td></tr> <tr><td>184</td><td>184</td><td>185</td><td>376' - 377'</td><td> </td></tr> <tr><td>185</td><td>185</td><td>186</td><td>378' - 379'</td><td> </td></tr> <tr><td>186</td><td>186</td><td>187</td><td>380' - 381'</td><td> </td></tr> <tr><td>187</td><td>187</td><td>188</td><td>382' - 383'</td><td> </td></tr> <tr><td>188</td><td>188</td><td>189</td><td>384' - 385'</td><td> </td></tr> <tr><td>189</td><td>189</td><td>190</td><td>386' - 387'</td><td> </td></tr> <tr><td>190</td><td>190</td><td>191</td><td>388' - 389'</td><td> </td></tr> <tr><td>191</td><td>191</td><td>192</td><td>390' - 391'</td><td> </td></tr> <tr><td>192</td><td>192</td><td>193</td><td>392' - 393'</td><td> </td></tr> <tr><td>193</td><td>193</td><td>194</td><td>394' - 395'</td><td> </td></tr> <tr><td>194</td><td>194</td><td>195</td><td>396' - 397'</td><td> </td></tr> <tr><td>195</td><td>195</td><td>196</td><td>398' - 399'</td><td> </td></tr> <tr><td>196</td><td>196</td><td>197</td><td>400' - 401'</td><td> </td></tr> <tr><td>197</td><td>197</td><td>198</td><td>402' - 403'</td><td> </td></tr> <tr><td>198</td><td>198</td><td>199</td><td>404' - 405'</td><td> </td></tr> <tr><td>199</td><td>199</td><td>200</td><td>406' - 407'</td><td> </td></tr> <tr><td>200</td><td>200</td><td>201</td><td>408' - 409'</td><td> </td></tr> <tr><td>201</td><td>201</td><td>202</td><td>410' - 411'</td><td> </td></tr> <tr><td>202</td><td>202</td><td>203</td><td>412' - 413'</td><td> </td></tr> <tr><td>203</td><td>203</td><td>204</td><td>414' - 415'</td><td> </td></tr> <tr><td>204</td><td>204</td><td>205</td><td>416' - 417'</td><td> </td></tr> <tr><td>205</td><td>205</td><td>206</td><td>418' - 419'</td><td> </td></tr> <tr><td>206</td><td>206</td><td>207</td><td>420' - 421'</td><td> </td></tr> <tr><td>207</td><td>207</td><td>208</td><td>422' - 423'</td><td> </td></tr> <tr><td>208</td><td>208</td><td>209</td><td>424' - 425'</td><td> </td></tr> <tr><td>209</td><td>209</td><td>210</td><td>426' - 427'</td><td> </td></tr> <tr><td>210</td><td>210</td><td>211</td><td>428' - 429'</td><td> </td></tr> <tr><td>211</td><td>211</td><td>212</td><td>430' - 431'</td><td> </td></tr> <tr><td>212</td><td>212</td><td>213</td><td>432' - 433'</td><td> </td></tr> <tr><td>213</td><td>213</td><td>214</td><td>434' - 435'</td><td> </td></tr> <tr><td>214</td><td>214</td><td>215</td><td>436' - 437'</td><td> </td></tr> <tr><td>215</td><td>215</td><td>216</td><td>438' - 439'</td><td> </td></tr> <tr><td>216</td><td>216</td><td>217</td><td>440' - 441'</td><td> </td></tr> <tr><td>217</td><td>217</td><td>218</td><td>442' - 443'</td><td> </td></tr> <tr><td>218</td><td>218</td><td>219</td><td>444' - 445'</td><td> </td></tr> <tr><td>219</td><td>219</td><td>220</td><td>446' - 447'</td><td> </td></tr> <tr><td>220</td><td>220</td><td>221</td><td>448' - 449'</td><td> </td></tr> <tr><td>221</td><td>221</td><td>222</td><td>450' - 451'</td><td> </td></tr> <tr><td>222</td><td>222</td><td>223</td><td>452' - 453'</td><td> </td></tr> <tr><td>223</td><td>223</td><td>224</td><td>454' - 455'</td><td> </td></tr> <tr><td>224</td><td>224</td><td>225</td><td>456' - 457'</td><td> </td></tr> <tr><td>225</td><td>225</td><td>226</td><td>458' - 459'</td><td> </td></tr> <tr><td>226</td><td>226</td><td>227</td><td>460' - 461'</td><td> </td></tr> <tr><td>227</td><td>227</td><td>228</td><td>462' - 463'</td><td> </td></tr> <tr><td>228</td><td>228</td><td>229</td><td>464' - 465'</td><td> </td></tr> <tr><td>229</td><td>229</td><td>230</td><td>466' - 467'</td><td> </td></tr> <tr><td>230</td><td>230</td><td>231</td><td>468' - 469'</td><td> </td></tr> <tr><td>231</td><td>231</td><td>232</td><td>470' - 471'</td><td> </td></tr> <tr><td>232</td><td>232</td><td>233</td><td>472' - 473'</td><td> </td></tr> <tr><td>233</td><td>233</td><td>234</td><td>474' - 475'</td><td> </td></tr> <tr><td>234</td><td>234</td><td>235</td><td>476' - 477'</td><td> </td></tr> <tr><td>235</td><td>235</td><td>236</td><td>478' - 479'</td><td> </td></tr> </tbody></table> | Hole
Diam. | Depth | | Material | Water
Yield | From | To | 1 | 0 | 2 | 10' - 11' | | 2 | 2 | 3 | 12' - 13' | | 3 | 3 | 4 | 14' - 15' | | 4 | 4 | 5 | 16' - 17' | | 5 | 5 | 6 | 18' - 19' | | 6 | 6 | 7 | 20' - 21' | | 7 | 7 | 8 | 22' - 23' | | 8 | 8 | 9 | 24' - 25' | | 9 | 9 | 10 | 26' - 27' | | 10 | 10 | 11 | 28' - 29' | | 11 | 11 | 12 | 30' - 31' | | 12 | 12 | 13 | 32' - 33' | | 13 | 13 | 14 | 34' - 35' | | 14 | 14 | 15 | 36' - 37' | | 15 | 15 | 16 | 38' - 39' | | 16 | 16 | 17 | 40' - 41' | | 17 | 17 | 18 | 42' - 43' | | 18 | 18 | 19 | 44' - 45' | | 19 | 19 | 20 | 46' - 47' | | 20 | 20 | 21 | 48' - 49' | | 21 | 21 | 22 | 50' - 51' | | 22 | 22 | 23 | 52' - 53' | | 23 | 23 | 24 | 54' - 55' | | 24 | 24 | 25 | 56' - 57' | | 25 | 25 | 26 | 58' - 59' | | 26 | 26 | 27 | 60' - 61' | | 27 | 27 | 28 | 62' - 63' | | 28 | 28 | 29 | 64' - 65' | | 29 | 29 | 30 | 66' - 67' | | 30 | 30 | 31 | 68' - 69' | | 31 | 31 | 32 | 70' - 71' | | 32 | 32 | 33 | 72' - 73' | | 33 | 33 | 34 | 74' - 75' | | 34 | 34 | 35 | 76' - 77' | | 35 | 35 | 36 | 78' - 79' | | 36 | 36 | 37 | 80' - 81' | | 37 | 37 | 38 | 82' - 83' | | 38 | 38 | 39 | 84' - 85' | | 39 | 39 | 40 | 86' - 87' | | 40 | 40 | 41 | 88' - 89' | | 41 | 41 | 42 | 90' - 91' | | 42 | 42 | 43 | 92' - 93' | | 43 | 43 | 44 | 94' - 95' | | 44 | 44 | 45 | 96' - 97' | | 45 | 45 | 46 | 98' - 99' | | 46 | 46 | 47 | 100' - 101' | | 47 | 47 | 48 | 102' - 103' | | 48 | 48 | 49 | 104' - 105' | | 49 | 49 | 50 | 106' - 107' | | 50 | 50 | 51 | 108' - 109' | | 51 | 51 | 52 | 110' - 111' | | 52 | 52 | 53 | 112' - 113' | | 53 | 53 | 54 | 114' - 115' | | 54 | 54 | 55 | 116' - 117' | | 55 | 55 | 56 | 118' - 119' | | 56 | 56 | 57 | 120' - 121' | | 57 | 57 | 58 | 122' - 123' | | 58 | 58 | 59 | 124' - 125' | | 59 | 59 | 60 | 126' - 127' | | 60 | 60 | 61 | 128' - 129' | | 61 | 61 | 62 | 130' - 131' | | 62 | 62 | 63 | 132' - 133' | | 63 | 63 | 64 | 134' - 135' | | 64 | 64 | 65 | 136' - 137' | | 65 | 65 | 66 | 138' - 139' | | 66 | 66 | 67 | 140' - 141' | | 67 | 67 | 68 | 142' - 143' | | 68 | 68 | 69 | 144' - 145' | | 69 | 69 | 70 | 146' - 147' | | 70 | 70 | 71 | 148' - 149' | | 71 | 71 | 72 | 150' - 151' | | 72 | 72 | 73 | 152' - 153' | | 73 | 73 | 74 | 154' - 155' | | 74 | 74 | 75 | 156' - 157' | | 75 | 75 | 76 | 158' - 159' | | 76 | 76 | 77 | 160' - 161' | | 77 | 77 | 78 | 162' - 163' | | 78 | 78 | 79 | 164' - 165' | | 79 | 79 | 80 | 166' - 167' | | 80 | 80 | 81 | 168' - 169' | | 81 | 81 | 82 | 170' - 171' | | 82 | 82 | 83 | 172' - 173' | | 83 | 83 | 84 | 174' - 175' | | 84 | 84 | 85 | 176' - 177' | | 85 | 85 | 86 | 178' - 179' | | 86 | 86 | 87 | 180' - 181' | | 87 | 87 | 88 | 182' - 183' | | 88 | 88 | 89 | 184' - 185' | | 89 | 89 | 90 | 186' - 187' | | 90 | 90 | 91 | 188' - 189' | | 91 | 91 | 92 | 190' - 191' | | 92 | 92 | 93 | 192' - 193' | | 93 | 93 | 94 | 194' - 195' | | 94 | 94 | 95 | 196' - 197' | | 95 | 95 | 96 | 198' - 199' | | 96 | 96 | 97 | 200' - 201' | | 97 | 97 | 98 | 202' - 203' | | 98 | 98 | 99 | 204' - 205' | | 99 | 99 | 100 | 206' - 207' | | 100 | 100 | 101 | 208' - 209' | | 101 | 101 | 102 | 210' - 211' | | 102 | 102 | 103 | 212' - 213' | | 103 | 103 | 104 | 214' - 215' | | 104 | 104 | 105 | 216' - 217' | | 105 | 105 | 106 | 218' - 219' | | 106 | 106 | 107 | 220' - 221' | | 107 | 107 | 108 | 222' - 223' | | 108 | 108 | 109 | 224' - 225' | | 109 | 109 | 110 | 226' - 227' | | 110 | 110 | 111 | 228' - 229' | | 111 | 111 | 112 | 230' - 231' | | 112 | 112 | 113 | 232' - 233' | | 113 | 113 | 114 | 234' - 235' | | 114 | 114 | 115 | 236' - 237' | | 115 | 115 | 116 | 238' - 239' | | 116 | 116 | 117 | 240' - 241' | | 117 | 117 | 118 | 242' - 243' | | 118 | 118 | 119 | 244' - 245' | | 119 | 119 | 120 | 246' - 247' | | 120 | 120 | 121 | 248' - 249' | | 121 | 121 | 122 | 250' - 251' | | 122 | 122 | 123 | 252' - 253' | | 123 | 123 | 124 | 254' - 255' | | 124 | 124 | 125 | 256' - 257' | | 125 | 125 | 126 | 258' - 259' | | 126 | 126 | 127 | 260' - 261' | | 127 | 127 | 128 | 262' - 263' | | 128 | 128 | 129 | 264' - 265' | | 129 | 129 | 130 | 266' - 267' | | 130 | 130 | 131 | 268' - 269' | | 131 | 131 | 132 | 270' - 271' | | 132 | 132 | 133 | 272' - 273' | | 133 | 133 | 134 | 274' - 275' | | 134 | 134 | 135 | 276' - 277' | | 135 | 135 | 136 | 278' - 279' | | 136 | 136 | 137 | 280' - 281' | | 137 | 137 | 138 | 282' - 283' | | 138 | 138 | 139 | 284' - 285' | | 139 | 139 | 140 | 286' - 287' | | 140 | 140 | 141 | 288' - 289' | | 141 | 141 | 142 | 290' - 291' | | 142 | 142 | 143 | 292' - 293' | | 143 | 143 | 144 | 294' - 295' | | 144 | 144 | 145 | 296' - 297' | | 145 | 145 | 146 | 298' - 299' | | 146 | 146 | 147 | 300' - 301' | | 147 | 147 | 148 | 302' - 303' | | 148 | 148 | 149 | 304' - 305' | | 149 | 149 | 150 | 306' - 307' | | 150 | 150 | 151 | 308' - 309' | | 151 | 151 | 152 | 310' - 311' | | 152 | 152 | 153 | 312' - 313' | | 153 | 153 | 154 | 314' - 315' | | 154 | 154 | 155 | 316' - 317' | | 155 | 155 | 156 | 318' - 319' | | 156 | 156 | 157 | 320' - 321' | | 157 | 157 | 158 | 322' - 323' | | 158 | 158 | 159 | 324' - 325' | | 159 | 159 | 160 | 326' - 327' | | 160 | 160 | 161 | 328' - 329' | | 161 | 161 | 162 | 330' - 331' | | 162 | 162 | 163 | 332' - 333' | | 163 | 163 | 164 | 334' - 335' | | 164 | 164 | 165 | 336' - 337' | | 165 | 165 | 166 | 338' - 339' | | 166 | 166 | 167 | 340' - 341' | | 167 | 167 | 168 | 342' - 343' | | 168 | 168 | 169 | 344' - 345' | | 169 | 169 | 170 | 346' - 347' | | 170 | 170 | 171 | 348' - 349' | | 171 | 171 | 172 | 350' - 351' | | 172 | 172 | 173 | 352' - 353' | | 173 | 173 | 174 | 354' - 355' | | 174 | 174 | 175 | 356' - 357' | | 175 | 175 | 176 | 358' - 359' | | 176 | 176 | 177 | 360' - 361' | | 177 | 177 | 178 | 362' - 363' | | 178 | 178 | 179 | 364' - 365' | | 179 | 179 | 180 | 366' - 367' | | 180 | 180 | 181 | 368' - 369' | | 181 | 181 | 182 | 370' - 371' | | 182 | 182 | 183 | 372' - 373' | | 183 | 183 | 184 | 374' - 375' | | 184 | 184 | 185 | 376' - 377' | | 185 | 185 | 186 | 378' - 379' | | 186 | 186 | 187 | 380' - 381' | | 187 | 187 | 188 | 382' - 383' | | 188 | 188 | 189 | 384' - 385' | | 189 | 189 | 190 | 386' - 387' | | 190 | 190 | 191 | 388' - 389' | | 191 | 191 | 192 | 390' - 391' | | 192 | 192 | 193 | 392' - 393' | | 193 | 193 | 194 | 394' - 395' | | 194 | 194 | 195 | 396' - 397' | | 195 | 195 | 196 | 398' - 399' | | 196 | 196 | 197 | 400' - 401' | | 197 | 197 | 198 | 402' - 403' | | 198 | 198 | 199 | 404' - 405' | | 199 | 199 | 200 | 406' - 407' | | 200 | 200 | 201 | 408' - 409' | | 201 | 201 | 202 | 410' - 411' | | 202 | 202 | 203 | 412' - 413' | | 203 | 203 | 204 | 414' - 415' | | 204 | 204 | 205 | 416' - 417' | | 205 | 205 | 206 | 418' - 419' | | 206 | 206 | 207 | 420' - 421' | | 207 | 207 | 208 | 422' - 423' | | 208 | 208 | 209 | 424' - 425' | | 209 | 209 | 210 | 426' - 427' | | 210 | 210 | 211 | 428' - 429' | | 211 | 211 | 212 | 430' - 431' | | 212 | 212 | 213 | 432' - 433' | | 213 | 213 | 214 | 434' - 435' | | 214 | 214 | 215 | 436' - 437' | | 215 | 215 | 216 | 438' - 439' | | 216 | 216 | 217 | 440' - 441' | | 217 | 217 | 218 | 442' - 443' | | 218 | 218 | 219 | 444' - 445' | | 219 | 219 | 220 | 446' - 447' | | 220 | 220 | 221 | 448' - 449' | | 221 | 221 | 222 | 450' - 451' | | 222 | 222 | 223 | 452' - 453' | | 223 | 223 | 224 | 454' - 455' | | 224 | 224 | 225 | 456' - 457' | | 225 | 225 | 226 | 458' - 459' | | 226 | 226 | 227 | 460' - 461' | | 227 | 227 | 228 | 462' - 463' | | 228 | 228 | 229 | 464' - 465' | | 229 | 229 | 230 | 466' - 467' | | 230 | 230 | 231 | 468' - 469' | | 231 | 231 | 232 | 470' - 471' | | 232 | 232 | 233 | 472' - 473' | | 233 | 233 | 234 | 474' - 475' | | 234 | 234 | 235 | 476' - 477' | | 235 | 235 | 236 | 478' - 479' | |
| Hole
Diam. | Depth | | Material | Water
Yield | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | From | To | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 0 | 2 | 10' - 11' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2 | 3 | 12' - 13' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 3 | 4 | 14' - 15' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 4 | 5 | 16' - 17' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 5 | 6 | 18' - 19' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6 | 7 | 20' - 21' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 7 | 8 | 22' - 23' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 8 | 9 | 24' - 25' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 9 | 10 | 26' - 27' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 10 | 11 | 28' - 29' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 11 | 12 | 30' - 31' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 12 | 13 | 32' - 33' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 13 | 14 | 34' - 35' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 14 | 15 | 36' - 37' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 15 | 16 | 38' - 39' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 16 | 17 | 40' - 41' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 17 | 18 | 42' - 43' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 18 | 19 | 44' - 45' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 19 | 20 | 46' - 47' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 20 | 21 | 48' - 49' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 21 | 22 | 50' - 51' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 22 | 23 | 52' - 53' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 23 | 24 | 54' - 55' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 24 | 25 | 56' - 57' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 25 | 26 | 58' - 59' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 26 | 27 | 60' - 61' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 27 | 28 | 62' - 63' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 28 | 29 | 64' - 65' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 29 | 30 | 66' - 67' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 30 | 31 | 68' - 69' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 31 | 32 | 70' - 71' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 32 | 33 | 72' - 73' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | 33 | 34 | 74' - 75' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | 34 | 35 | 76' - 77' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | 35 | 36 | 78' - 79' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | 36 | 37 | 80' - 81' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 37 | 38 | 82' - 83' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 38 | 39 | 84' - 85' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 39 | 40 | 86' - 87' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 40 | 41 | 88' - 89' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | 41 | 42 | 90' - 91' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | 42 | 43 | 92' - 93' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | 43 | 44 | 94' - 95' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | 44 | 45 | 96' - 97' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | 45 | 46 | 98' - 99' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | 46 | 47 | 100' - 101' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | 47 | 48 | 102' - 103' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | 48 | 49 | 104' - 105' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | 49 | 50 | 106' - 107' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 50 | 51 | 108' - 109' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | 51 | 52 | 110' - 111' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | 52 | 53 | 112' - 113' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | 53 | 54 | 114' - 115' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | 54 | 55 | 116' - 117' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | 55 | 56 | 118' - 119' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56 | 56 | 57 | 120' - 121' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | 57 | 58 | 122' - 123' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | 58 | 59 | 124' - 125' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59 | 59 | 60 | 126' - 127' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 60 | 61 | 128' - 129' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61 | 61 | 62 | 130' - 131' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62 | 62 | 63 | 132' - 133' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63 | 63 | 64 | 134' - 135' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64 | 64 | 65 | 136' - 137' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65 | 65 | 66 | 138' - 139' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66 | 66 | 67 | 140' - 141' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 | 67 | 68 | 142' - 143' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | 68 | 69 | 144' - 145' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | 69 | 70 | 146' - 147' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | 70 | 71 | 148' - 149' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | 71 | 72 | 150' - 151' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | 72 | 73 | 152' - 153' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | 73 | 74 | 154' - 155' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | 74 | 75 | 156' - 157' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | 75 | 76 | 158' - 159' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | 76 | 77 | 160' - 161' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | 77 | 78 | 162' - 163' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | 78 | 79 | 164' - 165' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | 79 | 80 | 166' - 167' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 80 | 81 | 168' - 169' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | 81 | 82 | 170' - 171' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | 82 | 83 | 172' - 173' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | 83 | 84 | 174' - 175' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | 84 | 85 | 176' - 177' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | 85 | 86 | 178' - 179' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | 86 | 87 | 180' - 181' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | 87 | 88 | 182' - 183' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | 88 | 89 | 184' - 185' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | 89 | 90 | 186' - 187' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | 90 | 91 | 188' - 189' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | 91 | 92 | 190' - 191' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | 92 | 93 | 192' - 193' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | 93 | 94 | 194' - 195' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | 94 | 95 | 196' - 197' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | 95 | 96 | 198' - 199' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | 96 | 97 | 200' - 201' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | 97 | 98 | 202' - 203' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | 98 | 99 | 204' - 205' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | 99 | 100 | 206' - 207' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | 100 | 101 | 208' - 209' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101 | 101 | 102 | 210' - 211' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 102 | 102 | 103 | 212' - 213' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103 | 103 | 104 | 214' - 215' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 104 | 104 | 105 | 216' - 217' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 105 | 105 | 106 | 218' - 219' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 106 | 106 | 107 | 220' - 221' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 107 | 107 | 108 | 222' - 223' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 108 | 108 | 109 | 224' - 225' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 109 | 109 | 110 | 226' - 227' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 110 | 111 | 228' - 229' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 111 | 111 | 112 | 230' - 231' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112 | 112 | 113 | 232' - 233' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 113 | 113 | 114 | 234' - 235' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 114 | 114 | 115 | 236' - 237' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115 | 115 | 116 | 238' - 239' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116 | 116 | 117 | 240' - 241' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117 | 117 | 118 | 242' - 243' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118 | 118 | 119 | 244' - 245' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 119 | 119 | 120 | 246' - 247' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | 120 | 121 | 248' - 249' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 121 | 121 | 122 | 250' - 251' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 122 | 122 | 123 | 252' - 253' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 123 | 123 | 124 | 254' - 255' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 124 | 124 | 125 | 256' - 257' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 125 | 125 | 126 | 258' - 259' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 126 | 126 | 127 | 260' - 261' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 127 | 127 | 128 | 262' - 263' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 128 | 128 | 129 | 264' - 265' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 129 | 129 | 130 | 266' - 267' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 130 | 130 | 131 | 268' - 269' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 131 | 131 | 132 | 270' - 271' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 132 | 132 | 133 | 272' - 273' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 133 | 133 | 134 | 274' - 275' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 134 | 134 | 135 | 276' - 277' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 135 | 135 | 136 | 278' - 279' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 136 | 136 | 137 | 280' - 281' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 137 | 137 | 138 | 282' - 283' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 138 | 138 | 139 | 284' - 285' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 139 | 139 | 140 | 286' - 287' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 140 | 140 | 141 | 288' - 289' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 141 | 141 | 142 | 290' - 291' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 142 | 142 | 143 | 292' - 293' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143 | 143 | 144 | 294' - 295' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 144 | 144 | 145 | 296' - 297' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 145 | 145 | 146 | 298' - 299' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 146 | 146 | 147 | 300' - 301' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 147 | 147 | 148 | 302' - 303' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 148 | 148 | 149 | 304' - 305' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 149 | 149 | 150 | 306' - 307' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 150 | 150 | 151 | 308' - 309' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 151 | 151 | 152 | 310' - 311' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 152 | 152 | 153 | 312' - 313' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 153 | 153 | 154 | 314' - 315' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 154 | 154 | 155 | 316' - 317' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 155 | 155 | 156 | 318' - 319' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 156 | 156 | 157 | 320' - 321' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 157 | 157 | 158 | 322' - 323' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 158 | 158 | 159 | 324' - 325' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 159 | 159 | 160 | 326' - 327' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 160 | 160 | 161 | 328' - 329' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 161 | 161 | 162 | 330' - 331' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 162 | 162 | 163 | 332' - 333' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 163 | 163 | 164 | 334' - 335' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 164 | 164 | 165 | 336' - 337' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 165 | 165 | 166 | 338' - 339' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166 | 166 | 167 | 340' - 341' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 167 | 167 | 168 | 342' - 343' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 168 | 168 | 169 | 344' - 345' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 | 169 | 170 | 346' - 347' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 170 | 170 | 171 | 348' - 349' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 171 | 171 | 172 | 350' - 351' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 172 | 172 | 173 | 352' - 353' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 173 | 173 | 174 | 354' - 355' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 174 | 174 | 175 | 356' - 357' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 175 | 175 | 176 | 358' - 359' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 176 | 176 | 177 | 360' - 361' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 177 | 177 | 178 | 362' - 363' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 178 | 178 | 179 | 364' - 365' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 179 | 179 | 180 | 366' - 367' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 180 | 180 | 181 | 368' - 369' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 181 | 181 | 182 | 370' - 371' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 182 | 182 | 183 | 372' - 373' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 183 | 183 | 184 | 374' - 375' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 184 | 184 | 185 | 376' - 377' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 185 | 185 | 186 | 378' - 379' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 186 | 186 | 187 | 380' - 381' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 187 | 187 | 188 | 382' - 383' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 188 | 188 | 189 | 384' - 385' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 189 | 189 | 190 | 386' - 387' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 190 | 190 | 191 | 388' - 389' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 191 | 191 | 192 | 390' - 391' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 192 | 192 | 193 | 392' - 393' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 193 | 193 | 194 | 394' - 395' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 194 | 194 | 195 | 396' - 397' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 195 | 195 | 196 | 398' - 399' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 196 | 196 | 197 | 400' - 401' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 197 | 197 | 198 | 402' - 403' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 198 | 198 | 199 | 404' - 405' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 199 | 199 | 200 | 406' - 407' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 200 | 200 | 201 | 408' - 409' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 201 | 201 | 202 | 410' - 411' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 202 | 202 | 203 | 412' - 413' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 203 | 203 | 204 | 414' - 415' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 204 | 204 | 205 | 416' - 417' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 205 | 205 | 206 | 418' - 419' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 206 | 206 | 207 | 420' - 421' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 207 | 207 | 208 | 422' - 423' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 208 | 208 | 209 | 424' - 425' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 209 | 209 | 210 | 426' - 427' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 210 | 210 | 211 | 428' - 429' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 211 | 211 | 212 | 430' - 431' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 212 | 212 | 213 | 432' - 433' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 213 | 213 | 214 | 434' - 435' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 214 | 214 | 215 | 436' - 437' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 215 | 215 | 216 | 438' - 439' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 216 | 216 | 217 | 440' - 441' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 217 | 217 | 218 | 442' - 443' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 218 | 218 | 219 | 444' - 445' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 219 | 219 | 220 | 446' - 447' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 220 | 220 | 221 | 448' - 449' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 221 | 221 | 222 | 450' - 451' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 222 | 222 | 223 | 452' - 453' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 223 | 223 | 224 | 454' - 455' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 224 | 224 | 225 | 456' - 457' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 225 | 225 | 226 | 458' - 459' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 226 | 226 | 227 | 460' - 461' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 227 | 227 | 228 | 462' - 463' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 228 | 228 | 229 | 464' - 465' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 229 | 229 | 230 | 466' - 467' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 230 | 230 | 231 | 468' - 469' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 231 | 231 | 232 | 470' - 471' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 232 | 232 | 233 | 472' - 473' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 233 | 233 | 234 | 474' - 475' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 234 | 234 | 235 | 476' - 477' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 235 | 235 | 236 | 478' - 479' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

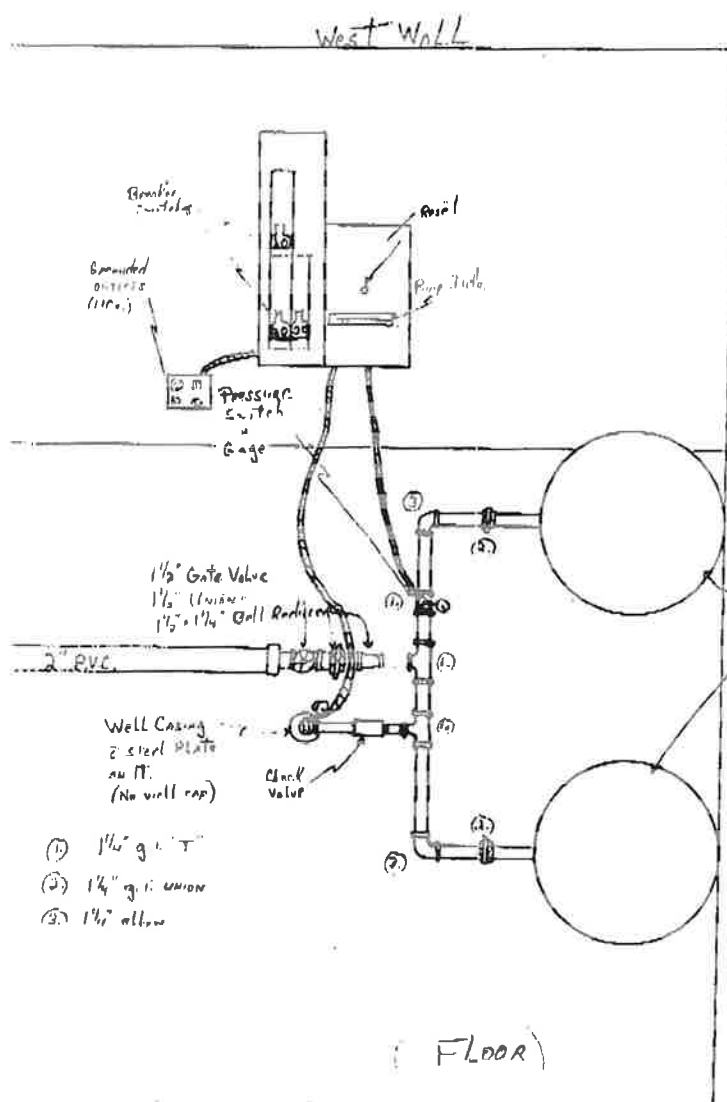
Faulkner Pipeline
(in the Good Time Allotment)
12/10/84



No Scale
Drawn by B.V.



Wall house is 8'x6', is 4' high in front & 3' high in back. It is on a 8'x6'x4' deep concrete foundation. Walls are 2" thick.



Pressure switch is set
to go ON @ 118 psi. and
OFF AT 100 psi. (12/10/04)
Pump RUNS for 3:40 min
" rests 2:10 min.

Power for pump will cost
\$0.13/hr. @ 4¢/kwh.

No Scale
Drawn B.V.

IN REPLY
REFER TO:

9100

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Shoshone District

P.O. Box 28

Shoshone, Idaho 83352

December 19, 1984

MEMORANDUM

TO: Bennett Hills Area Manager

FROM: ADM-Operations

SUBJECT: Goodtime Well and Pipeline Engineering Design and
Inspection Report

Design:

The pipeline was designed as a closed pressurized system to provide water to the center, south and north pastures of the Goodtime Allotment. The system would operate at 20 p.s.i. at the farthest float valve. The east spur was designed at a length of 10,000 feet and the south spur 14,000 feet. A flow rate of 13 g.p.m. was established to accommodate 1,000 head of cattle. The minimum operating pressure of the pipe was established at 74 p.s.i. Five sites were chosen for trough locations.

The total dynamic head for the entire system was established at 173 p.s.i. This pressure results in the need for a minimum of a 3 h.p. pump with a 18 g.p.m. flow.

The well site was picked by John Faulkner to allow for close access to existing Idaho Power lines.

Inspection:

The well was drilled by Eaton Drilling and Pump Service to a depth of 255 feet. The static water level was reported to be 195 feet. No tests were performed for yield or drawdown. Well diameter is nominal 6 inches and is cased for 20 feet at the top. The well is located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 13., T. 6 S., R. 15 E., B.M.

The pump is a Sta-Rite 3 h.p., single phase, pumping 20 g.p.m. at 173 p.s.i. total dynamic head. The pump is set at the end of 231 feet of 1 $\frac{1}{2}$ -inch galvanized iron pipe.

The pumphouse is a combination concrete and wood frame construction with 3 $\frac{1}{2}$ -inch fiberglass batt insulation. The house contains two Sta-Rite 85 gallon pressure tanks, pump controls, and the necessary pipe and wiring.

At present, 3,800 feet of the east spur and 2,400 of the south spur have been installed. All pipe installed met or exceeded the required volume-pressure needs.

Goodtime Well & Pipeline
Project File
5263

One temporary trough has been placed at the end of the east spur and one temporary trough is located at the end of the south spur. The troughs are served by frost free hydrants and overflow pipe is in place.

There were three problems found with the installation. The first and most serious is the lack of a sanitary well cap. As is, the cap does not meet the requirements of the State of Idaho or the Bureau of Land Management. The second problem found was the lack of a pressure relief valve. This valve is not a mandatory item but is very desirable. The third problem noted was the use of a 250 watt heat bulb in the socket designed for 150 watts.

All wiring should have been inspected by a State inspector therefore this office did not reinspect.

This inspection was conducted on 12/10/84.

During conversations with Mr. Faulkner during installation of the pipe, he indicated he wants to run the water without floats during the winter to prevent the freezing of the pipe. To do this the flow of the troughs will need to be restricted to a flow of 3 g.p.m. at each trough. This restriction may cause problems with the idea of running water to prevent freezing.

Mr. Faulkner also stated a desire to extend the east spur as much as 6,000 feet. This is not possible with the maximum allowable pressure rating of the existing pressure tanks set at 75 p.s.i. by the factory. Flow could be established; however, the rate would be very low.

Henry A. Madenford