

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: **A36-08273**

Date Received: 12/30/1991

Receipt No: S014010

Received By: _____

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

1. Name: FLAT TOP SHEEP COMPANY 208-788-2850
Address: PO BOX 88
CAREY ID 83320

2. Date of Priority: MAY 9, 1985

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
06S	23E	21	SE	SE	SE		LINCOLN

5. Description of diverting works:
WELL, PUMP & SPRINKLER

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	03/15	11/15	0.800		

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

8. Total consumptive use is 120.0 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4 of	Lot	Use	Acres
06S	23E	21	NE	SE		IRR	10.0
			NW	SE		IRR	10.0
			SW	SE		IRR	10.0
			SE	SE		IRR	10.0

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10. Place of Use: Continued

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
					Section Acres	40.0
					Total Acres	40.0

11. Place of use in counties: LINCOLN

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

13. Other Water Rights Used:
36-2455

14. Remarks:

15. Basis of Claim: PERMIT

16. Signature(s)

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

Number of attachments: _____

For Organizations:

I do solemnly swear or affirm that I am _____ of
_____, Title
_____, that I have signed the foregoing
Organization
document in the space below as _____ of
_____, Title
_____ and that the statements contained in the
Organization
foregoing document are true and correct.

Signature of Authorized Agent

Title and Organization

Date
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State of Idaho)
County of _____) SS.

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

Notary Public

Seal

Residing at _____

My Commission Expires _____

OK

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: A36-08273
Date Received: _____
Receipt No: _____
Received By: _____

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: Flat Top Sheep Company Phone: 788-2850 or
Address: P.O. Box 88 726-7568
Carey, Idaho 83320

2. Date of Priority: July 4, 1985

3. Source: Groundwater Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
6S	23E	21		SE	SE		Lincoln

5. Description of diversion works:
Well, pump, and sprinkler

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.
Irrigation	Mar. 15	Nov. 15	.8		

7. Total Quantity Claimed is:
.8 C.F.S. (and/or) (Acre Feet)

8. Total consumptive use claimed is:
120 Acre Feet Per Annum.

9. Non-irrigation uses: None

10. Description of place of use:

Township	Range	Section	1/4 of	1/4 of	Lot	Use	Acres
6S	23E	21	NE	SE		Irrig.	10
		21	NW	SE		Irrig.	10

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21	SW	SE	Irrig.	10
21	SE	SE	Irrig.	10

TOTAL ACRES: 40

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

Lincoln

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

13. Other water rights used at the same place and for the same purposes as describe above.

36-2455

14. Remarks:

15. Basis of Claim:

Water Right Number: Permit 36-08273

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication."

(b.) I/We do _____ do not _____ x wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: See Claim No. 36-7201

For Organizations:

I do solemnly swear or affirm that I am President of Flat Top Sheep Company, that I have signed the foregoing document in the space below as President of Flat Top Sheep Company and that the statements contained in the foregoing document are true and correct.

John T. Peavey
John T. Peavey
President - Flat Top Sheep Company

Dec 18, 1991
Date

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INDEX OF DISKETTE CONTENTS

DISKETTE: R5

Available:

~~1%~~ 67%

Unusable: 0%

DOCUMENT NAME:
DOCUMENT TYPE:
COMMENT:

BLRID/Consolidated/Post Trial Brief
Document

DOCUMENT NAME:
DOCUMENT TYPE:
COMMENT:

Funk/Notes
Document

DOCUMENT NAME:
DOCUMENT TYPE:
COMMENT:

Funk/Reply Brief
Document

State of Idaho)
County of MILWATER) ss.

Subscribed and sworn (or affirmed) before me this 18th day of
~~November~~, 1991.
DECEMBER

(SEAL)

Roger D. Ling
Notary Public for Idaho
Residing at: Rupert, Idaho
My Commission Expires: 10/30/94

17. Notice of Appearance:

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

Signature: Roger D. Ling
Address: P. O. Box 396, Rupert, ID 83350
Date: Dec 18, 1991

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FEB 05 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 736-3033

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

31-DEC-1991

ROGER D. LING
PO BOX 396
RUPERT ID 83350

RE: ADJUDICATION CLAIM NO. A36-08273, A36-08274, A36-08275,
A36-02454B, A36-07007B, A36-07021,
A36-02455, A37-04116, A37-01217,
A36-15339, A37-04397, A36-04268,
A36-07138, A37-00390, A37-00391,
A37-00392, A37-00393, A37-00394,
A37-00395, A37-00396, A37-00397,
A37-00398, A37-00399, A37-00400,
A37-00401, A37-02092, A37-02234,
A37-02294 - FLAT TOP SHEEP COMPANY

Mr. Ling:

Pursuant to the notification that you are representing the claimant(s) on the above referenced Adjudication Claim(s), please find enclosed copies of the computer generated claim(s) based on the information from the original claim(s) which has been entered in our computer records.

Please review the record(s) and if you have any corrections or any questions, feel free to contact this office.

Sincerely,


Jeanie Robertson
Records Clerk

/jr
Enclosures

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1. OF CLAIMS IN POLYGON _____

AIM NUMBERS 36-02455

36-08275A

36-08273

DATE 7/15/97

AGENT see

TRANSFER NUMBER _____

OBJECTION FILED No

TOTAL ACRES FROM RECOMMENDATION 170

GEOGRAPHIC INFO SYSTEM _____

RIGHT NO				NE				NW				SW				SE			
	TNS	RNG	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
RECOM	65	23E	21			30	10				10	30	30	30	30				170
GIS	65	23E	21			22	8			(15)	21	40	40	37	40	36	40	38	32
RANS	75	23E	1						44	14		33	33	33	33			TRANS	146
RECOM	65	23E	21									31	31	30	30				122
GIS																			
RECOM	65	23E	21													10	10	8	6
GIS																			
RECOM																			
GIS																			

UPDATED

POLYGON #

UPDATED

B36-DBPOU.DBF

ATTRIBUTES OF B36-POU.SHP (* see below)

B36-DBPOD.DBF

ATTRIBUTES OF B36-POD.SHP (260)

8/5/97 see

36-2455, 36-8275A & 36-8273

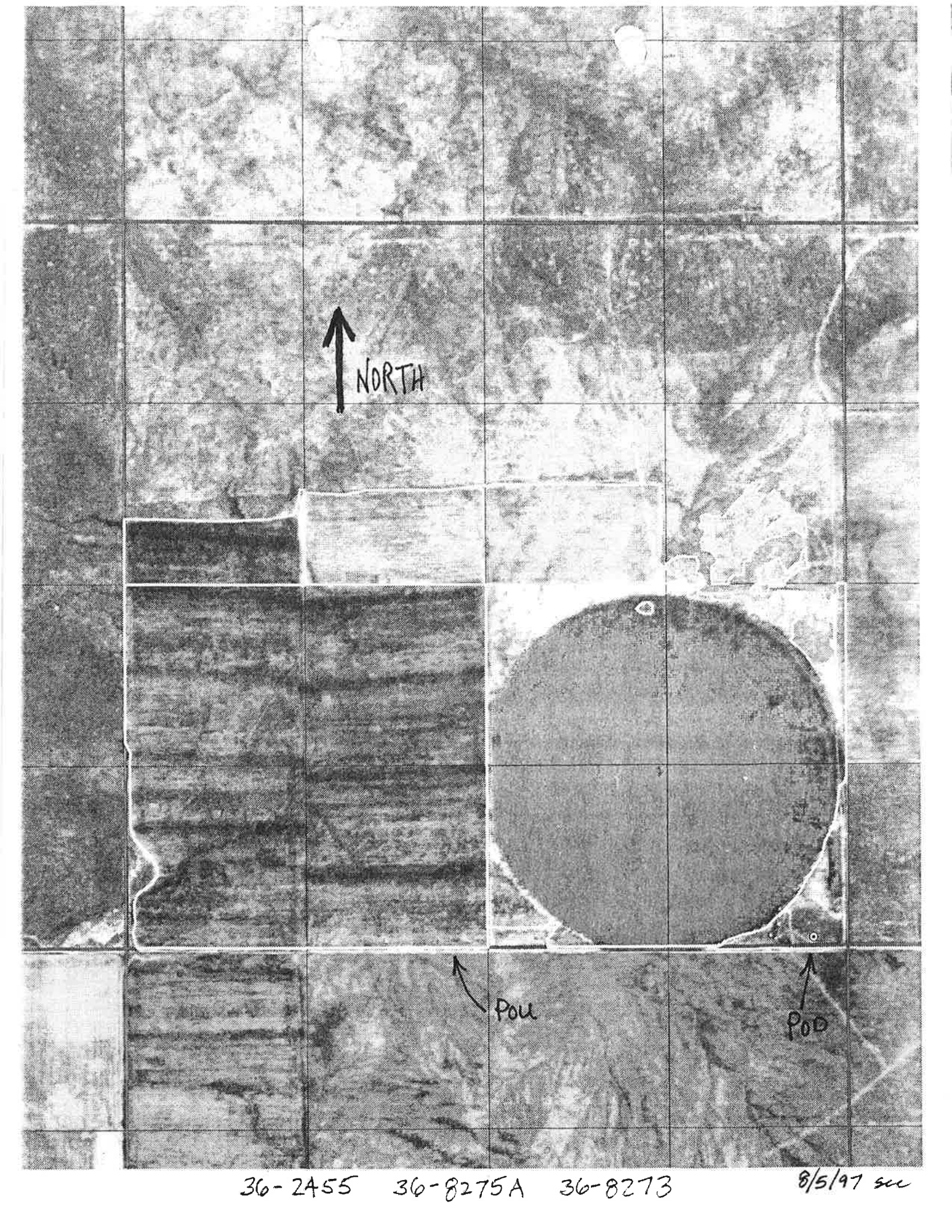
7/29/97 see: Search of WR database (blank & 'X') shows this right's pou is for lands in 65 23E - based on this, POU is as licensed.

Polygon: 223 - 36-2455 = 50 Ac
 224 - 36-2455, 36-8275A = 157 Ac
 225 - 36-8273 = 145 Ac
 226 - (unknown) (no claim) = 15 acres

P/U CONFLICT yes (X) no ()

P/D CONFLICT yes () no ()

SENT FOR DECREE yes () no ()



NORTH

POU

POD

36-2455 36-8275A 36-8273

8/5/97 see

NOTICE OF ERROR



RESPONSE



CORRECTED R PROOF



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DATE: 10/21/92
PAGE: 1

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State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 736-3030

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

12-Oct-1992

Roger Ling
PO Box 396
Rupert, ID 83350

RE: Proposed Recommendation for Flat Top Sheep
Nos: 36-07007B, 36-08275, 36-07021, 36-08273, 36-08274 & 36-02454B

Dear Mr. Ling:

This letter is in response to the Notice of Error (NOE) you recently filed with IDWR regarding the Director's proposed recommendation of the claim(s) listed above. Your NOE indicates that you would like the recommendation to show a longer season of use for irrigation. For the reasons states below, the season of use that will be recommended in the Director's Report will remain as proposed.

The proposed recommendation is based on irrigation season of use standards adopted by the director for the various regions throughout the state. These standards are based on the period of the year in which there is less than a 75% chance of a 24 degree F. frost.

In addition, since there are some years in which water can be beneficially used for irrigation outside the irrigation season, the proposed Director's Report includes a general provision which provides for irrigation outside the irrigation season under certain conditions. The conditions are that the water is beneficially used, as determined by the director; that all water rights with a period of use outside the irrigation season regardless of priority, are satisfied; and that the use does not conflict with the public interest as determined by the director. This proposed general provision will be included in the Director's Report.

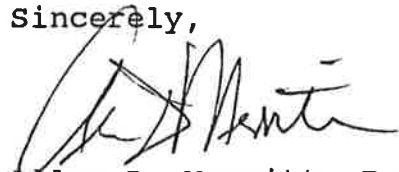
Additionally in your NOE for 36-07007B you questioned the number of acres and the amount. Our original recommendation was based on a 1984 ASCS map which showed that only 15 acres were irrigated in NESW and NWSE S28 (We recommended 15 for this area). In reevaluating this claim it appears that 1986 landsat data confirm that more acres than 66 are irrigated for this area presumably due to development of 36-08275. For this reason I have corrected our recommendation since the final adjustment of the acres should occur in the licensing of 36-08275. Please find enclosed a profile report for our modified recommendation for 36-07007B.

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Page 2
Oct 12, 1992

If you still disagree with IDWR's recommendations you will have an opportunity to file an objection to the Director's report with the court. When the Director's Report is filed with the court, you will be mailed a notice that will contain more information about the objection process.

Sincerely,

A handwritten signature in dark ink, appearing to read "A. D. Merritt", written over the typed name.

Allen D. Merritt, P.E.
Water Rights Supervisor

Encl:

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Water Right Number - R36-08273

Prefix Translation: RESEARCH

Old (D) Number -

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

*** A - ATTORNEY ***
LING

ROGER D

1 - PO BOX 396

2 -

3 -

City- RUPERT

State- ID Zip- 83350

Phone - 208-000-0000

*** C - CURRENT OWNER ***
FLAT TOP SHEEP COMPANY

1 - PO BOX 88

2 -

3 -

City- CAREY

State- ID Zip- 83320

Phone - 208-788-2850

+ - - Priority Date - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - +
05/09/1985 17 SOUTHERN P - PERMIT+ - - - - Source - - - - - + + - - - - Tributary - - - - - +
GROUNDWATER+ - - - - Point of Diversion - - - - - +
Twn Rng Sec Tract Lot RFlg County

06S 23E 21 SE SE (63) LINCOLN

+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume

01 - IRRIGATION

04/01

10/31

0.800

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
0.800 120.0+ - - - - Place of Use - - - - - +
Twn Rng Sec Tract Lot Acres Code Description County

06S 23E 21 NE SE 10.0 01 IRRIGATION (63) LINCOLN

06S 23E 21 NW SE 10.0 01 IRRIGATION (63) LINCOLN

06S 23E 21 SW SE 10.0 01 IRRIGATION (63) LINCOLN

06S 23E 21 SE SE 10.0 01 IRRIGATION (63) LINCOLN

Total Acres: 40.0

+ - - Diversion Means - WELL, PUMP & SPRINKLER

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - 36-2455

Water right number - R36-08273

Prefix Translation: RESEARCH

+ - - - - Remarks - +
No Remarks found.

+ - - - - Old Water Right Numbers - +
No Old Water Right Numbers Found

+ - - - - Conditions of Approval - - - - +
A01 - THIS RIGHT IS CONDITIONED UPON COMPLETION OF THE APPROPRIATION
- IN ACCORDANCE WITH THE STATUTORY PROCEDURE FOR APPROPRIATION
- OF WATER RIGHTS. THIS RIGHT REMAINS SUBJECT TO ALL CONDITIONS
- SET FORTH IN THE PERMIT UPON WHICH THIS RIGHT IS BASED, AND WILL
- BE SUBJECT TO ALL CONDITIONS SET FORTH IN THE LICENSE ISSUED BY
- IDWR UPON COMPLETION OF THE STATUTORY APPROPRIATION PROCESS.

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

+ - - - - Comments- - - - - +
Date: 02/28/1992 User Id: THORNTON Subject: PROOF DUE DATE
PROOF DUE ON THIS PERMIT 6/1/1990
Date: 09/29/1992 User Id: SCHULTZ Subject: NOTICE OF ERROR (NOE)
NOE RECEIVED 9/28/92. CHANGED NOE FLAG FROM BLANK TO A. CLAIM VERIFIED 3/2/92. DID NOT REVERIFY ANY PART OF CLAIM.
Date: 10/12/1992 User Id: MERRITT Subject: RESPONDED TO NOE
LETTER SENT 10/12. NO CHANGE.

+ - - Audit Fields - - +
10/12/92 MERRITT

+ - - - - 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	- 10/12/1992	Old Judicial District	-
Claim Received Date	- 12/24/1991	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- S014010	Water District	-
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	-	Presumption Flag	-
				Notice of Error Flag	- B

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NOTICE OF ERROR FORM

AUG-24-1992

Please type or print clearly, fill out completely, and return to:

Idaho Department of Water Resources

Statehouse Mail

Boise, Idaho 83720-9000

RECEIVED

SEP 28 1992

Department of Water Resources

The notice of error must be received at IDWR by the **deadline date** printed below with your proposed recommendation.

YOUR DEADLINE FOR FILING A NOTICE OF ERROR IS: SEP-24-1992

1. Water right number:

36-08275[✓], 36-08274[✓], 36-08273[✓]
36-02454B, 36-07021[✓]

2. Name:

FLAT TOP SHEEP COMPANY

Address:

P.O. Box 88
CAREY, ID 83320

RECEIVED

OCT 01 1992

Weekday Telephone Number:

Department of Water Resources
Southern Region Office

TEAR AT PERFORATIONS AND COMPLETE FORM ON OTHER SIDE

(Instead of filling in items 3 and 4 below you may include a copy of your proposed recommendation with the changes marked on the copy.)

3. Describe the portion of proposed recommendation with which you disagree:

PERIOD OF USE

4. Describe the changes you wish to have made in the proposed recommendation:

PERIOD OF USE: 3-15 to 11-15

5. Describe why you disagree with the proposed recommendation:

In some years water is needed for the
grace irrigation of crops during the
period

6. Date:

Sept 24, 1992

SIGNATURE

James W. King - Sec.

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R PROOF

CVR

MAPS

PHOTOS

MISC

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Water Right Number - R36-08273

Prefix Translation: RESEARCH

Old (D) Number -

+ - - - - Last Name - - - - +

+ - First Name - - +

+ - - - - Address - - - - - +

*** C - CURRENT OWNER ***
FLAT TOP SHEEP COMPANY

1 - PO BOX 88
2 -
3 -
City- CAREY
Phone - 208-788-2850

State- ID Zip- 83320

*** A - ATTORNEY ***
LING

ROGER D.

1 - PO BOX 396
2 -
3 -
City- RUPERT
Phone - 208-000-0000

State- ID Zip- 83350

+ - - Priority Date - - +
05/09/1985

+ - - Region - - - +
17 SOUTHERN

+ - - Stage - - - +
P - PERMIT

+ - - Status - - - +

+ - - Source - - - - - +
GROUNDWATER

+ - - Tributary - - - - - +

+ - - - - Point of Diversion - - - - - +
TwN Rng Sec Tract Lot RFlg County Stream Index (Blank if no Index Code)

06S 23E 21 SE SE (63) LINCOLN

+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume

01 - IRRIGATION 03/15 11/15 0.800

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - + + - Total Consumptive Use - + + - KW Usage - +
0.800 120.0

+ - - - - Place of Use - - - - - +
TwN Rng Sec Tract Lot Acres Code Description County

06S	23E	21	NE SE		10.0	01	IRRIGATION	(63) LINCOLN
06S	23E	21	NW SE		10.0	01	IRRIGATION	(63) LINCOLN
06S	23E	21	SW SE		10.0	01	IRRIGATION	(63) LINCOLN
06S	23E	21	SE SE		10.0	01	IRRIGATION	(63) LINCOLN

Total Acres: 40.0

+ - - Diversion Means - WELL, PUMP & SPRINKLER

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - 36-2455

+ - - - - Remarks - - - - - +
No Remarks found.

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Water right number - R36-08273

Prefix Translation: RESEARCH

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

+ - - - - Conditions of Approval - - - - -
A01 - THIS RIGHT IS CONDITIONED UPON COMPLETION OF THE APPROPRIATION
- IN ACCORDANCE WITH THE STATUTORY PROCEDURE FOR APPROPRIATION
- OF WATER RIGHTS. THIS RIGHT REMAINS SUBJECT TO ALL CONDITIONS
- SET FORTH IN THE PERMIT UPON WHICH THIS RIGHT IS BASED, AND WILL
- BE SUBJECT TO ALL CONDITIONS SET FORTH IN THE LICENSE ISSUED BY
- IDWR UPON COMPLETION OF THE STATUTORY APPROPRIATION PROCESS.

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

+ - - Audit Fields - 02/29/92 THORNTON

+ - - - - -Comments- - - - -
Date: 02/28/1992 User Id: THORNTON Subject: PROOF DUE DATE
PROOF DUE ON THIS PERMIT 6/1/1990

+ - - - - 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	- 12/24/1991	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	- S014010	Federal/State Indicator	- S
Claims Tape Error Flg	-	POU Ownership Flag	- Y	Presumption Flag	-
Fee Exempt Flag	-	Name Connector	-	Notice of Error Flag	-

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 36-8273

1. Owner: Flat Top Sheep Co.

Phone No. 788-2850

Current Address: P.O. Box 88 Carey 83320

2. Accompanied by: Tom Pewey / Mel Schulte IDWR EXAM DATE: 7-22-92

Address: _____ Phone No. _____

Relationship to Permit Holder: Son

3. Source: _____ tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None

2. Other water rights with the same point of diversion: 36-8275A, L36-2455

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			SE	SE	21	06S	23E	Lincoln	Aerial Map / Inspection

2. Place(s) of Use:

Indicate Method of Determination Aerial Map

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	23E	21																10	10	8	6	34

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E. NARRATIVE/REMARKS/COMMENTS

The acres on this permit are the corners of a pivot and are now under CRP. The permit holder for this permit filed his proof of beneficial use after the land went under CRP. Loren Holmes & Glenn Sexton said that the timing of this filing was not important as long as the land was shown to have evidence of prior irrigation, which it indeed did. The only documentation found by the owner on the lift was a pump efficiency test in 1981.

L36-2455 & P36-8275A overlap P/D with this permit. All of P36-8275A is in use while part of L36-2455 is in use & part under CRP. Based on L36-2455, P36-8275A, & the ASCS aerial map, I can only recommend 34 acres on this permit.

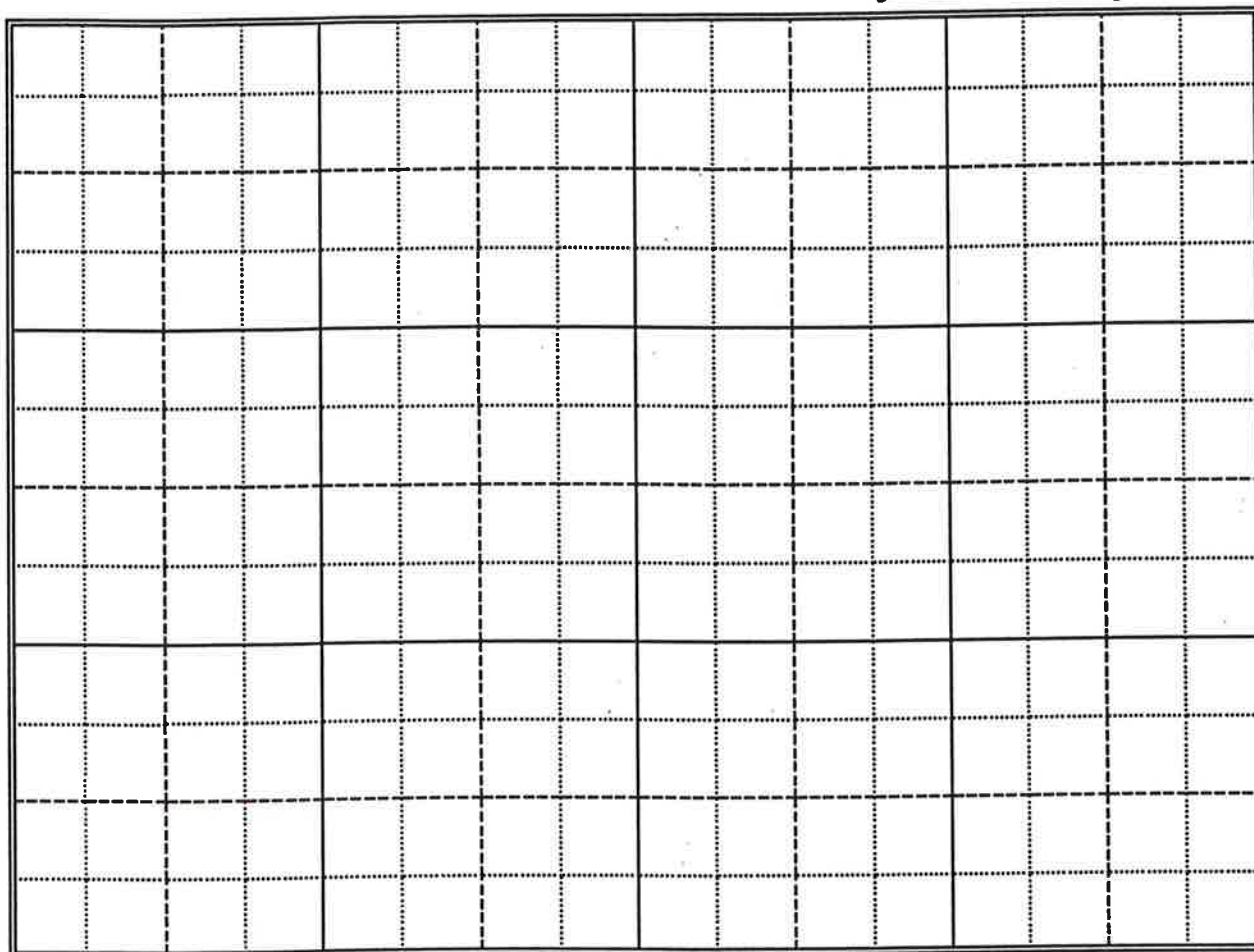
I was also concerned with whether or not this system could supply enough water for this permit, P36-8275A, & L36-2455. I gave the permit holder the benefit of the doubt and used the total lift found in 1981. The theoretical capacity of this system was calculated to be 3.4 cfs, not enough for this permit to receive a full inch to an acre. The flow rate recommended for this permit is .35 cfs. A complete overlap analysis is attached. Please note the imposed condition.

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

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

See attached system diagram



Scale: 1" = _____

☒ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

☒ Aerial Photo Attached (required for Irrigation of 10+ acres)

☒ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	U.S. Electrical	200	1293583		
	Lincoln A.C.	75	1441884		

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

D. FLOW MEASUREMENTS

1.

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

2. **Measurements:** No measurements were taken. Acreage was determined by the ASCS aerial map. A planimeter & aerial grid were used to determine proper P/U in the right tracts.

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F. FLOW CALCULATIONS

Measured Method:

☒ Additional Computation Sheets Attached

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

Total system

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (326)(4.0) = 1304 \text{ cfs}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = (3.4)(214)(1.9835) = 1443 \text{ cfs}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1304 \text{ cfs}$$

2. Volume Calculations for Other Uses:

Allocated to L36-7455 680 cfs
 Allocated to P36-8775A 488 cfs
 Allocated to this permit 136 cfs
1304 cfs

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
<u>Irrigation</u>	<u>4/1</u> From	<u>10/31</u> To	<u>.35</u> <u>.68</u>	<u>136</u>
Totals:			<u>.35 cfs</u> <u>.68</u>	<u>136 cfs</u>

2. Recommended Amendments

☒ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Brett Barry Date 8-25-92

Reviewer Mel Schulte Date 9-2-92



36-8273--OVERLAP REVIEW AND ANALYSIS

Point of Diversion: SESE, S21, 6S, 23E

Requested flow rate: .80 cfs for 40 acres

Theoretical diversion rate: 3.4 cfs

OVERLAP REVIEW:

License No.: 36-2455

Point of Diversion: SESE, S21, 6S, 23E

Licensed flow rate: 3.4 cfs for 170 acres

Permit No.: 36-8273

Point of Diversion: SESE, S21, 6S, 23E

Recommended flow rate: .35 cfs for 34 acres

Permit No.: 36-8275A

Point of Diversion: SESE, S21, 6S, 23E

Recommended flow rate: 1.27 cfs for 122 acres

CALCULATIONS:

Old rate: $L36-2455 = 3.4/170 = .02 \text{ cfs/acre}$

Current rate: $3.4/326 = .0104 \text{ cfs}$

Old rate exceeds current rate therefore old acres are not included in recommendation for new license.

Flow rate recommended for new acres: 34 acres X $\frac{.02}{.0104} = \frac{.68}{.35} \text{ cfs}$

VOLUME CALCULATIONS:

System diversion capacity: $3.4 \text{ cfs} \times 214 \times 1.9835 = 1443.2 \text{ afa}$

Allocated to L36-2455 = $170 \text{ acres} \times 4 = 680 \text{ afa}$

Allocated to P36-8275A = $122 \text{ acres} \times 4 = 488 \text{ afa}$

Allocated to P36-8273 = $34 \text{ acres} \times 4 = \frac{136 \text{ afa}}{1304 \text{ afa}}$

The capacity of the system is 3.4 cfs. Total licensed flow of 5.02 cfs exceeds the capacity, therefore, the following condition must be imposed. "THE MAXIMUM COMBINED RATE OF DIVERSION UNDER THIS RIGHT, 36-2455 AND 36-8275A SHALL NOT EXCEED 3.4 CFS."

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GROUNDWATER MEASUREMENT REQUIREMENT ANALYSIS

FILE: 36-8273
DATE: 8-25-92
BY: Brett Barry

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8) \times (\text{H.P.}) \times (\text{EFF.})}{\text{TDH}}$

Q = CFS
H.P. = Total Brake Horsepower of pumping plant (including booster)
EFF. = Pumping plant efficiency (ASSUME 70% OR 0.70)
TDH = total dynamic head = [(LIFT) + (PSI X 2.31)]
LIFT = depth to water in FEET from land surface to pumping water level
PSI = pumping pressure measured in psi near pump (if open discharge assume zero [0])

$$Q = \frac{(8.8) \times (...275...) \times (0.70)}{[(...376...) + (...55...) \times 2.31]} = 3.4 \text{ cfs}$$

LIFT FROM:	PSI FROM:	NOTES ON PUMP:
measurement ()	measurement ()	Motor Make, Serial or ID
owner (✓)	owner ()	U.S. Electric 200 H.P.; Lincoln A.I. 75 H.P.
area estimate ()	estimate (✓)	Pump Make, Serial or ID, rating
well logs ()	owner gage ()	
Booster (Y) (N)		
REMARKS	The lift information came from a 1981 pump efficiency test.	
A booster has been added since this test.		

ANNUAL VOLUME ANALYSIS

POTENTIAL Acre Feet/Acre/Annum = $\frac{(\text{DAYS IN SEASON}) \times (1.98) \times (Q)}{(\text{RECOMMENDED ACRES IRRIGATED})}$

(season)	(days)	
3/15 - 11/15	246	POTENTIAL = $\frac{(214 \text{ days}) \times (1.98) \times (.34 \text{ cfs})}{(...326 \text{ acres})}$
4/1 - 11/1	215	
4/15 - 10/15	184	
3/1 - 12/1	276	

POTENTIAL = 4.42 af/a/acre

REQUIRED Acre Feet/Acre/Annum = 4.0 cfs/acre
(AF/Ann/Ac irrigation requirement from chart for area)
NOTE that this is NOT Consumptive use

IF POTENTIAL IS GREATER THAN REQUIRED THEN NO MEASUREMENT NECESSARY ()
IF POTENTIAL IS LESS THAN REQUIRED THEN MEASUREMENT IS NECESSARY ()

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Acreage Analysis for 36-8273

	NUMBER	TNS	RNG	SEC	NE				NW				SW				SE				TOTAL	SYSTEM TOTAL
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE		
PERMIT																						
FOUND																						
OVERLAP																						
DIFFERENCE																						

P/D OVERLAP BUT ACRES NOT OVERLAPPING, USE FOR SYSTEM TOTAL CALCULATIONS

[illegible]

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1900 N

T 1752
1441

30-8273

TRACT HEL

LINCOLN COL

83-91
2
23.2

CRD
87-91

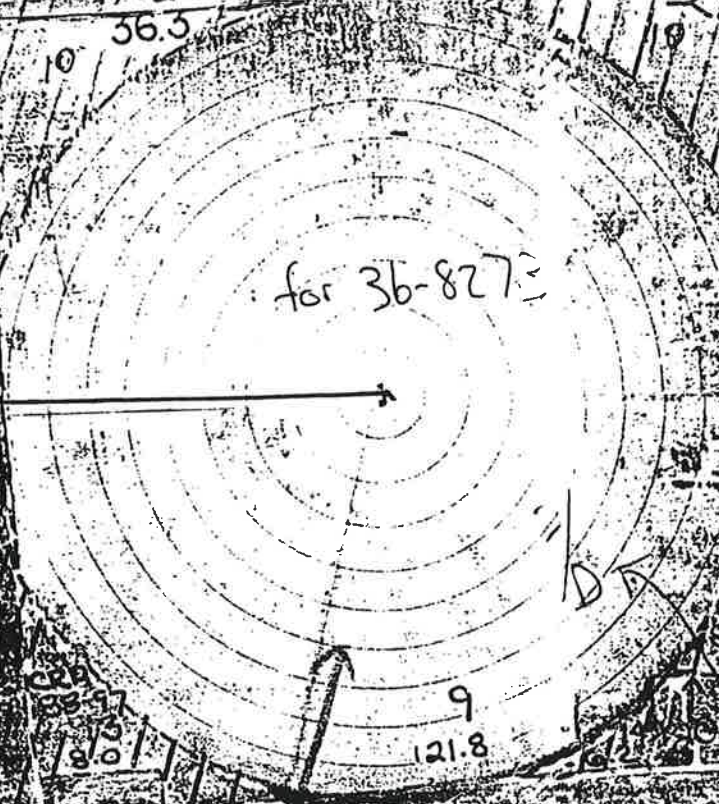
3
23.4

CRD
87-96

4
36.3

CRD
87-97
87

for 30-8273



CRD
88-97

CRD
88-97
83

8.0

9
121.8

1800 N

SEE
G 5

170.0 S. 21

MEMORIAL
FEB 15 1993

36-8273



↑ P/O



P/O →

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RECEIVED

AUG 13 1992

Department of Water Resources
Southern District

BOX 70 • BOISE, IDAHO 83707

PUMP EFFICIENCY TEST RESULTS Page 1 of 2

District Rupert Date June 19, 1981 Acct.# 1956-001183-4
 Customer B P Farms C/O John Peavey Pump Identification Sta. #703
P. O. Box 88, Carey, ID 83320 200 Hp and 30 Hp booster
 Pump Test Team Dick Wentworth & Jim Horting

Thank you for participating in the pump efficiency test program. Cost effective changes that reduce your costs and require less power from Idaho Power Company at a critical time of the year are expected to result from these measurements.

The results of the efficiency test and your record of the measurements are as follows:

Date of Test June 16, 1981Pumping Plant Efficiency 54.0 % - 200 Hp only producing 39 psiWater Level Measurements:

estimated Ground to well water 368 feet with pump off - based on 1965 measurement
 estimated Ground to well water 376 feet with pump on and 1981 measurement of
 Sta. #694

Pressure Measurements:

39 psi at location of gage at the turbine pump
 psi at location of gage
 psi at location of gage

(TDH) Total Dynamic Head - total of ground to well water and pressure.

466 feet

Flow & Power Measurements 901 gpm at 466 ft TDH at 181 Hp
 gpm at ft TDH at Hp
 gpm at ft TDH at Hp

Comments and Evaluation of the test result and measurements:

The friction loss of the water going through the valves, pipe and booster pump at 901 gpm flow was 12 psi.

If the impellers have not been adjusted recently, an adjustment might produce a noticeable improvement.

Results with the booster running are on the next page.

signed

Agricultural Engineer

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After changes are made to increase the pump efficiency or reduce kilowatt hour usage, one free efficiency test will be conducted to assure the customer that savings are occurring.

(WATER RIGHT NUMBERS THAT BEGIN WITH AN '**' ARE ADJUDICATION CLAIMS)

WR-NUMBER	SOURCE	NE								NW								SW								SE								SUM					
		NE		NW		SW		SE		NE		NW		SW		SE		NE		NW		SW		SE															
		Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac														
3608273	T06S R23E S21	GROUNDWATER																																40					
	:																																	10	10	10	10	:	
	NO MATCHES FOR THIS POU IN AJ-POU-TEMP																																						
3602455	GROUNDWATE :																																	30	30	30	30	:	170
A3602455	GROUNDWATE :																																	30	30	30	30	:	170
R3602455	GROUNDWATE :																																	30	30	30	30	:	170
3607007B	GROUNDWATE :																																					:	30
A3607007B	GROUNDWATE :																																	05	05	05	05	:	30
R3607007B	GROUNDWATE :																																	05	05	05	05	:	30
3607021	GROUNDWATE :																																					:	14
A3607021	GROUNDWATE :																																					:	14
R3607021	GROUNDWATE :																																					:	14
A3608273	GROUNDWATE :																																					:	40
R3608273	GROUNDWATE :																																					:	40
3608275	GROUNDWATE :																																					:	190
A3608275	GROUNDWATE :																																					:	190
R3608275	GROUNDWATE :																																					:	190
--86 MAP--	C63Q-AA 29 :																																	02		32	26	:	402
--86 MAP--	C67Q-AA 29 :																																			21	02	:	357

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