

STATE ENGINEERS OFFICE

Water Resources Survey

Notice of Appropriation

1. County Wheatland Book 15 Page 68-69 Record WR 219
2. Name of Appropriator Roy Sherman Address Two Dot
3. Date Appropriated Oct. 2, 1912 Date Filed Oct. 30, 1922
- Amount Appropriated, Miners Inches 520, Cubic Feet per second
4. Name of Stream So. Fk. Little Elk Creek Tributary Basin
5. Point of Diversion Ditches divert water from stream - one of ditches runs into
Sec. 9, east across N¹ Sec. 10-7-12 - one ditch runs into SW¹
Sec. 10 Twp. 7 Rge. 12 Bank of Stream North
6. Purpose Irrigating
7. Description of System Ditch (2) 36 by 15"

8. Land Description of Intended Place of Use
Sec. 10-7-12 - OVER
15-7-12 "
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

to.....

Sec. 10-7-12 - Nellie T. Good, Helena, Mont. - 160 A.

Chas. H. Holliday, & Verna Peterson, Two Dot, Mont. - 480 A.

Sec. 15-7-12 - Henry Pump, Martinsdale, Mont. - 325 A.

Jacob Tvetene, Martinsdale, Mont. - 120 A.

Gladys Hoolan, & A. M. Hoolan, 5333 Pershing Avenue, St. Louis, Mo.
65 A.

Scallon, Shoher & Walsh, & Wm. Scallon, Helena, Mont. - 130 A.

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

D-43

1. County Wheatland (Meagher) Book 1 Page 37 Record Meagher Co.
2. Name of Appropriator H. C. & Thad C. Pound Address Meagher Co., Mont.
3. Date Appropriated May 15, 1881 Date Filed May 18, 1881
Amount Appropriated, Miners Inches 200, Cubic Feet per second _____
4. Name of Stream West Fl. of Little Elk Cr. Tributary Basin _____
5. Point of Diversion In NE $\frac{1}{4}$ of the section
Sec. (NE $\frac{1}{4}$) 5 Twp. 7 Rge. 12 Bank of Stream North
6. Purpose Irrigation and other purposes on either side of creek
7. Description of System Dam, headgate and ditch
8. Land Description of Intended Place of Use _____
(NE $\frac{1}{4}$) Sec. 5-7-12 - 160 A.
9. Remarks (Pertaining to Use, etc.) _____

Decree

10. Case No. 1862 Date Sept. 26, 1931 Amt. Decreed: M. I. 200 C. F. S. _____
11. To Whom Decreed Henry Pump Address _____
12. Name of Ditch not given Maximum Capacity (C. F. S.) 200 Miner's Inches
13. Date of Priority May 15, 1881 Purpose Irrigation and raising of crops
14. Land Description of Place of Use as Decreed _____
(NE $\frac{1}{4}$) Sec. 5-7-12
together with other lands adjacent to NE $\frac{1}{4}$ (OVER for intended place of use)
15. Remarks (Present Use Status, etc.) _____

5-43
r. Co.
th.
All of Sec. 3, 5, 7 & 15 in Twp. 7, Rge. 12.

All of Sec. 19, 21, 27, 29, 31 & 33 the (N $\frac{1}{2}$) & (N $\frac{1}{2}$ S $\frac{1}{2}$) of Sec. ~~34~~ 34-8-12

All of Sec. 3, 5, 9, (S 30) acres of the (SE $\frac{1}{4}$ SE $\frac{1}{4}$), (W $\frac{1}{2}$ SE $\frac{1}{4}$)(SW $\frac{1}{4}$ NE $\frac{1}{4}$) (W 15) acres of the (NE $\frac{1}{4}$ NW $\frac{1}{4}$) (W $\frac{1}{2}$ NW $\frac{1}{4}$) (SE $\frac{1}{4}$ NW $\frac{1}{4}$) & (SW $\frac{1}{4}$) of Sec. 15-7-12 (NW $\frac{1}{4}$) (W $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$) (NW $\frac{1}{4}$ SW $\frac{1}{4}$) (S $\frac{1}{2}$ SW $\frac{1}{4}$) of Sec. 19, all of Sec. 31-8-12, (S 15) acres of the (SE $\frac{1}{4}$ NE $\frac{1}{4}$) (W $\frac{1}{2}$ NE $\frac{1}{4}$) (SE $\frac{1}{4}$) (W $\frac{1}{2}$) of Sec. 33-8-12.

her's. Inches
of crops.....

of usa)

RECEIVED
STATE ENGINEER'S OFFICE
MONTANA
JAN 10 1950

STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY
WATER RIGHT DATA

County Wheatland
Code No. 98, 100

Name of Land Owner William H. Olson Address Two Not, Montana
Name of Operator Same Address _____
Legal Description All 9 except NW1/4 Sec. 10 in T1, R1E

1. Our records show that the following water rights were filed on the above described land:

Code	Name of Appropriator	Stream	Land Description	Date App.	Date Filed	Miner's Inches Filed On
	(See list attached)					
	<i>See Lyons made filing for S.I. Ditch other filings covering this land are in doubt</i>					

2. Are these filings in use:.....Yes.....No. Explain.....

3. Have any of the above filings or any part of them been sold:.....Yes.....No. If yes, give amount of inches sold and to whom transferred and from what original filing.....

4. I have the following water rights that the State Engineer's Office have not shown in the above list:

Name of Appropriator	Stream	Land Description	Date App.	Date Filed	Miner's Inches Filed On

5. In addition, I have an irrigation system on which no recorded filing was ever made.

Name of First User	Date of First Use	Stream	Place of Use

6. Do you buy supplemental water? ☐ Yes. ☐ No. If yes, from whom and how many inches, C.F.S., Acre Feet, as the case may be?.....

7. Give any other information that you think should be included for the protection of your water right.....

Information from..... Date.....

9.100

Date Filed	Miner's Inches Filed On
6 other	doubt

sold and to whom trans-

Time Filed	Miner's Inches Filed On

Place of Use

the case may be?.....

Code	Name	Stream	Land Description	Date Approp.	Date Filed	Miners Inches
330	Chas. G. Danden- hauer & Chas, Sherbino	S. Fork of Mshl.)	Sec. 9 in 8-12	4-10-94	2-24-97	600
354	Mrs. C. T. Lamb	Musselshell	Sec. 9 in 8-12	6-10-35	4-9-36	40
355	Mrs. C. T. Lamb	Musselshell	Sec. 9 in 8-12	6-28-35	4-9-36	250
363	Musselshell De- velopment Co.	North Fork of Musselshell	Sec. 9, 10, 13 in 8-12	3-12-13	3-20-13	12,000
364	" "	South Fork "	Same as 363	3-12-13	3-20-13	13,000
370	T. M. Raymond	Musselshell	Sec. 9 in 8-12	6-10-35	4-9-36	40
371	T. M. Raymond	Musselshell	Sec. 9 in 8-12	6-28-35	4-9-36	250
376	Chas. Sherbino	Musselshell	NW 1/4 Sec. 9 in 8-12	4-20-96	5-16-96	20
385	Henry Vestal	Musselshell	N 1/4 SW 1/4, SE 1/4 Sec. 9 in 8-12	4-15-95	5-8-95	500
538	R. H. Clendonin	Spring	S 1/4 SW 1/4 Sec. 9 in 8-12	5-26-92	6-4-92	80
574	C. J. Sherbino	Spring	NW 1/4 Sec. 9 in 8-12	3-18-93	4-5-93	50

358, Geo Lyons - for G. L. Ditch

Code	Name	Stream	Land Description	Date Appra.	Date Filed	Miners Inches
330	Chas. G. Danen- hauer & Chas. Sherbino	S. Fork of Mshl.)	Sec. 9 in 8-12	4-10-94	2-24-97	400
354	Mrs. C. T. Lamb	Musselshell	Sec. 9 in 8-12	6-10-35	4-9-36	40
355	Mrs. C. T. Lamb	Musselshell	Sec. 9 in 8-12	6-28-35	4-9-36	250
363	Musselshell De- velopment Co.	North Fork of Musselshell	Sec. 9, 10, 13 in 8-12	3-12-13	3-20-13	12,000
364	" "	South Fork "	Same as 363	3-12-13	3-20-13	12,000
370	T. M. Raymond	Musselshell	Sec. 9 in 8-12	6-10-35	4-9-36	40
371	T. M. Raymond	Musselshell	Sec. 9 in 8-12	6-28-35	4-9-36	250
376	Chas. Sherbino	Musselshell	NW 1/4 Sec. 9 in 8-12	4-20-96	5-16-96	20
385	Henry Vostal	Musselshell	N 1/2 Sec. 9 in 8-12	4-15-95	5-8-95	500
538	R. W. Clendenin	Spring	S 1/2 Sec. 9 in 8-12	5-26-92	6-4-92	80
574	C. J. Sherbino	Spring	SW 1/4 Sec. 9 in 8-12	3-18-93	4-5-93	50

358, Geo Lyons - for G. L. Ditch

Dr. 9 Miners
F. ad inches

2-24-97 600
4-9-36 40
4-9-36 250
3-20-13 12,000
3-20-13 13,000
4-9-36 40
4-9-36 250
5-16-36 20
5-8-95 500
6-4-92 20
4-5-93 50

Farm Checked

STATE OF MONTANA

FORM F-1 - GAZETTE 1938-2M-1-47

By AL

STATE ENGINEER'S OFFICE

Code No. 9B-100

Area Martinsdale

WATER RESOURCES SURVEY

County Wheatland

Date 7/29/48

T. 8 N R. 12 E Sec. 9-10

Legal Land Owner William E. Olson (Contract from Fed. Land Bank) Address Two Dot

Photo No. MA-39 193

Operator Survey

Address

Water is delivered by:

Federal Project

Pres. Pot.

Ditch Company

Pres. Pot.

Irrigation District

Pres. Pot.

Private System G.L. Ditch

Pres. 150 Pot. 200

Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company

App. No.

Original Appropriator, Private Geo. Lyons G.L. Ditch

App. No. 358

Is the system an extension of another system?

Yes. No. ✓

Is all land irrigated from one system?

Yes. ✓ No.

(If No, show break down on map)

Source of Water Musselshell River (N. Fork)

(see water right sheet)

363 330
364 354
370 355
371 358
374 355
376

Acres Irrigated 1948

Potential Acres Pl. Seeped

Explain Needs draining

Condition of System Good

Adequate Supply Yes No

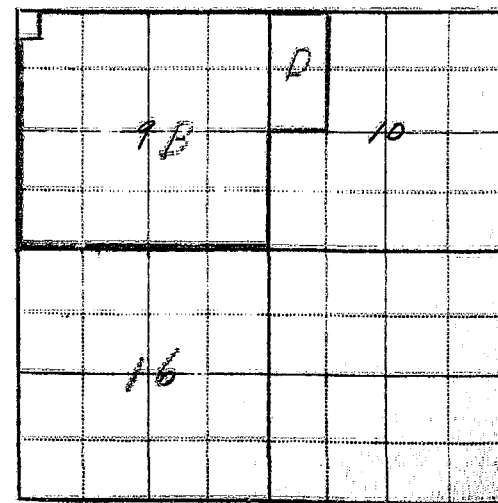
Explain

Topography River bottom & bench land

Information From Mr. Olson

Remarks Per to the number of

filing Olson say Geo. Lyons No. 358
This filing # 358 was made for the G.L. ditch, out of which Olson is irrigating



6-100

eat/and

12E Sec. 9-10

14-39 193

Det

Pot

Pot

Pat

Pot. 200

358

4

130

تہذیب و تمدن

سے ہی

553

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22-23-24

© 2001 Blackwell Science Ltd

Keywords:

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1. **Introduction**
 2. **Background**
 3. **Methodology**
 4. **Results**
 5. **Conclusion**
 6. **References**
 7. **Appendix**
 8. **Index**
 9. **Glossary**
 10. **Notes**
 11. **Footnotes**
 12. **Endnotes**
 13. **Supplementary Material**
 14. **Tables**
 15. **Figures**
 16. **Equations**
 17. **Formulas**
 18. **Diagrams**
 19. **Charts**
 20. **Graphs**
 21. **Tables**
 22. **Figures**
 23. **Equations**
 24. **Formulas**
 25. **Diagrams**
 26. **Charts**
 27. **Graphs**
 28. **Tables**
 29. **Figures**
 30. **Equations**
 31. **Formulas**
 32. **Diagrams**
 33. **Charts**
 34. **Graphs**
 35. **Tables**
 36. **Figures**
 37. **Equations**
 38. **Formulas**
 39. **Diagrams**
 40. **Charts**
 41. **Graphs**
 42. **Tables**
 43. **Figures**
 44. **Equations**
 45. **Formulas**
 46. **Diagrams**
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 64. **Figures**
 65. **Equations**
 66. **Formulas**
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 69. **Graphs**
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 71. **Figures**
 72. **Equations**
 73. **Formulas**
 74. **Diagrams**
 75. **Charts**
 76. **Graphs**
 77. **Tables**
 78. **Figures**
 79. **Equations**
 80. **Formulas**
 81. **Diagrams**
 82. **Charts**
 83. **Graphs**
 84. **Tables**
 85. **Figures**
 86. **Equations**
 87. **Formulas**
 88. **Diagrams**
 89. **Charts**
 90. **Graphs**
 91. **Tables**
 92. **Figures**
 93. **Equations**
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 98. **Tables**
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 101. **Formulas**
 102. **Diagrams**
 103. **Charts**
 104. **Graphs**
 105. **Tables**
 106. **Figures**
 107. **Equations**
 108. **Formulas**
 109. **Diagrams**
 110. **Charts**
 111. **Graphs**
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 113. **Figures**
 114. **Equations**
 115. **Formulas**
 116. **Diagrams**
 117. **Charts**
 118. **Graphs**
 119. **Tables**
 120. **Figures**
 121. **Equations**
 122. **Formulas**
 123. **Diagrams**
 124. **Charts**
 125. **Graphs**
 126. **Tables**
 127. **Figures**
 128. **Equations**
 129. **Formulas**
 130. **Diagrams**
 131. **Charts**
 132. **Graphs**
 133. **Tables**
 134. **Figures**
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 136. **Formulas**
 137. **Diagrams**
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 139. **Graphs**
 140. **Tables**
 141. **Figures**
 142. **Equations**
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 145. **Charts**
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 147. **Tables**
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 149. **Equations**
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 154. **Tables**
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 162. **Figures**
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 169. **Figures**
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 171. **Formulas**
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 176. **Figures**
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 178. **Formulas**
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 248. **Formulas**
 249. **Diagrams**
 250. **Charts**
 251. **Graphs**
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Figure 1

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Policy 2-20:

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Mr. Olson has land on S. side of river which was once irr. by ditch built by Bolin, also ditch on N. side built by Bolin. Neither of these are in use. Too badly washed out. Land on S. side of river subirrigated and is seepy (partly) and needs leveling.

Some potential land also under Anderson and Anderson-Moe ditches.

ch Olson is irr-
igating

STATE OF MONTANA

State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Montgomery

Code No. 512 155

Top _____ Age _____

Two: : : : : Age

Exp. _____ Age _____

Name of Land Owner...

Address _____

Name of Operator.....

.. Address

Legal Description A

irrigated Land

Non-Irrigated Land

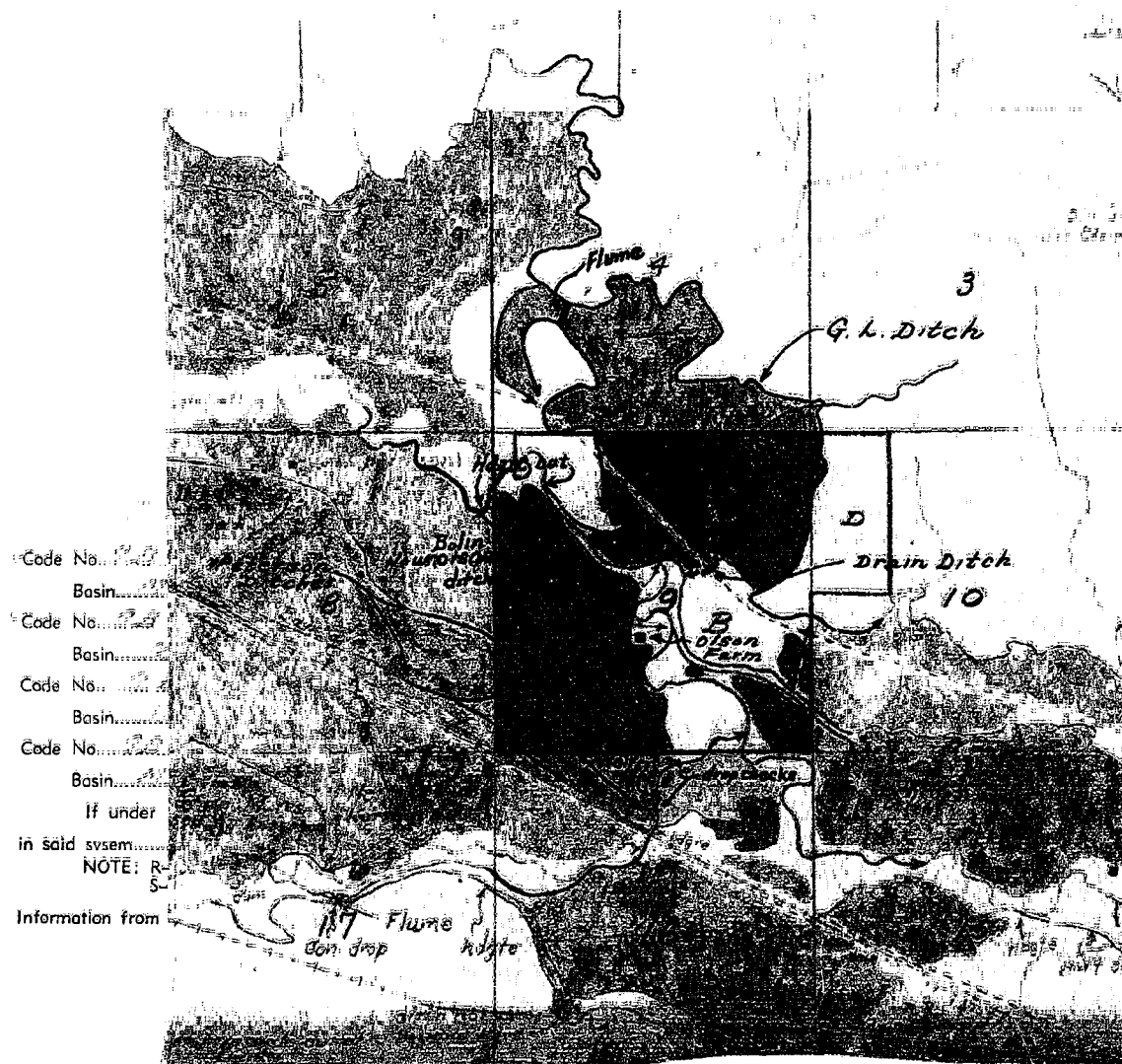
Potential Land Under Existing Facilities

North

Twp. 8N-Rye 12E Wheatland County

Irrigated Land

Potential Irrigation



County Missouri
Code No. 100

Form 1
Reports

Typ. SN
Typ. _____
Typ. _____

Name of Land _____
Name of Op. _____
Legal Description _____

ing Facilities

F. SN - R. 12 E

Code No. 9B System Olson Ditches Source of Water Musselshell River
Basin Mehl Present 0 Potential 129.0 Maximum 129.0 R X F P G X S
Code No. 9B System Anderson Mac Ditches Source of Water Musselshell River
Basin Mehl Present 0 Potential 25.0 Maximum 25.0 R X F P G X S
Code No. 9B, 10, D System G. L. Ditch Source of Water N. E. Musselshell R.
Basin Mehl Present 66.0 Potential 84.0 Maximum 150.0 R X F P G X S
Code No. 9B System Peterson Ditches Source of Water Musselshell R.
Basin Mehl Present 0 Potential 98.0 Maximum 98.0 R X F P G X S

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system.

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity.
S—Stored Water.

Information from H. E. B.

Date 8/23/49

STATE ENGINEERS OFFICE
Water Resources Survey
Notice of Appropriation

1. County Wheatland (Weagh) Book A-7 Page 130 Record 17 330
2. Name of Appropriator Chas. G. Danenhauer and Chas. Sherbino Address Martinsdale
3. Date Appropriated April 10, 1894 Date Filed Feb. 24, 1897
Amount Appropriated, Miners Inches 600, Cubic Feet per second
4. Name of Stream So. Fork Musselshell Tributary Basin Ma. R.
5. Point of Diversion Ditch diverts water from stream in Sec. 12, and runs easterly
Passing thru Sec. 7. also
Sec. 17 Twp. 8 Rge. 12 Bank of Stream Right
6. Purpose Irrigating and other
7. Description of System Ditch 84 x 24" in size.
8. Land Description of Intended Place of Use
Sec. 2-3-12 - 640 A. - Annie Settles, Martinsdale, Mont. - 10A.
State of Montana - 10.98 A.
T.M. Raymond & Label Lamb,
Box 1245, Rapid City, S.D. - 629.90
Right of Way - 10A.
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

Musselshell River
V. F. P. G. S.
Musselshell River
V. F. P. G. S.
So. Fork Musselshell R.
V. F. P. G. S.
Musselshell R.
V. F. P. G. S.
acre feet, as the case may be
G—Water diverted by gravity.

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Wheatland Book 15 Page 177-179 Record WR 354
2. Name of Appropriator Mrs. C. T. Lamb Address Minsdale, Illinois
3. Date Appropriated June 10, 1935 Date Filed April 9, 1936
Amount Appropriated, Miners Inches 40, Cubic Feet per second
4. Name of Stream Misselshell River Tributary Basin Mo. R.
5. Point of Diversion Headgate diverts water into ditch, which runs SE to distance of
250' to pump and into another ditch and upon said land
Sec. 9 Twp. 8 Rge. 12 Bank of Stream
6. Purpose Irrigating, domestic
7. Description of System Headgate 4' wide, 5' deep - (1) ditch 2' wide, 3' deep, 5' top
(2) Ditch 3 1/2' deep, 5' wide top
8. Land Description of Intended Place of Use
Sec. 9-8-12 - Annie C. Settles, Martinsdale, Mont. - 10 A.
State of Montana - 10.98 A.
T. M. Raymond & Mabel Lamb, Box 1345, Rapids City, S.D.
10 R. 11, Rt. 145. 119.02 A.
9. Remarks (Pertaining to Use, etc.)
An app. of said water was made many years ago. Evidences are still to be found
although for several years the ditch has not been used; this app. is intended to
rehabilitate the old dam.

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Wheatland Book 15 Page 176-177 Record WE
2. Name of Appropriator Mrs. C. T. Lamb Address Minsdale, Illinois
3. Date Appropriated June 28, 1935 Date Filed April 9, 1936
Amount Appropriated, Miners Inches 250 Cubic Feet per second
4. Name of Stream Musselshell River Tributary Basin No. R.
5. Point of Diversion Headgate diverts water into ditch, ditch runs SE thru NE 1/4 of
Sec. 8-8-12 to and upon said land in
Sec. 9 Twp. 8 Rge. 12 Bank of Stream
6. Purpose Irrigating, domestic
7. Description of System Headgate 4' wide, 4' deep - ditch 3' wide, 3' deep, 6' top
8. Land Description of Intended Place of Use
Sec. 9-8-12 - Annie C. Settles, Martinsdale, Mont. - 10 A.
State of Montana - 10.98 A.
T. M. Raymond & Mabel Lamb, Box 1345, Rapid City, S.D.
10 E.R. Rt. Way. 519.02 A.
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Wheatland (L&C) Book A-7 Page 268 Record WR 342
2. Name of Appropriator Musselshell Development Co. Address Not given
3. Date Appropriated March 12, 1913 Date Filed March 20, 1913
Amount Appropriated, Miners Inches 12,000, Cubic Feet per second
4. Name of Stream North Fork Musselshell Tributary Basin No. R.
5. Point of Diversion Water diverted by canal to carry quantity of water to be conveyed to
Sec. 34 Twp. 9 Rge. 11 Bank of Stream
6. Purpose Irrigation, domestic, etc.
7. Description of System Canal
8. Land Description of Intended Place of Use
Sec. 1-6 - T. 8 - R. 12 - These owners found on opposite side
9, 10, 13 - 8 - 12 - " " " " " "
1-24 - 8 - 13 - Other side
36 - 9 - 13 - 640 A. - State of Montana
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

City, S.D.
519.02 A.

All these owners will be found on Form No. 310

#6.

Sec. Twp. Rge.

21-36	9	14 - These owners found in Col. 4, page 2.
1-18	8	14 - These owners found in Col. 1 & 4, page 2 on opp. side.
24	8	14 - Found in Col. 2, opp. side page 2
8-36	9	15 - " " " " " " " & 3
1-24	8	15 - will be found on opp. side page 3
18-21	9	16 - opp. side page 4
26-36	9	16 - " " " "
1-30	8	16 - on page 4 and on opp. side
34-36	8	16 - opp. side of page 4.

STATE ENGINEERS OFFICE
Water Resources Survey
Notice of Appropriation

1. County Wheatland (L&C) Book A-7 Page 269 Record WH 364
2. Name of Appropriator Musselshell Development Co. Address not shown
3. Date Appropriated March 12, 1913 Date Filed March 20, 1913
 Amount Appropriated, Miners Inches 13,000 Cubic Feet per second
4. Name of Stream So. Fork Musselshell Tributary Basin
5. Point of Diversion Diverted by canal
 Sec. 17 Twp. 3 Rge. 11 Bank of Stream
6. Purpose Irrigation, domestic, etc.
7. Description of System Canal
8. Land Description of Intended Place of Use
Sec. 1-3-8-11 - Yeager Co.
2-10, 11-8-11 - Yeager Co.
1-6, 9-10-8-12 - (See No. 364 in Approp. Book for ownership)
13-6-12 - Bair Ranch Co., Martinsdale, Mont.
9. Remarks (Pertaining to Use, etc.)
SEE No. 364 in Appropriation Book for ownership

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Wheatland Book 15 Page 177-179 Record WR 320
2. Name of Appropriator T. M. Raymond Address Rapid City, S.D.
3. Date Appropriated June 10, 1935 Date Filed April 9, 1936
- Amount Appropriated, Miners Inches 40 Cubic Feet per second
4. Name of Stream Musselshell R. Tributary Basin No. R.
5. Point of Diversion Ditch diverts water and runs northeasterly direction upon
- Sec. 9 Twp. 8 Rge. 12 Bank of Stream
6. Purpose Irrigating, domestic
7. Description of System Ditch 2' wide bottom, 3 1/2' deep, 5' wide top
8. Land Description of Intended Place of Use
- Sec. 9-8-12 - Annie C. Battles, Martinsdale, Mont. - 10 A.
State of Montana - 10.98 A.
T. M. Raymond & Mabel Lamb, Box 1345 Rapid City, S.D. - 619-02
A.
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Wheatland Book 14 Page 176-177 Record 11 377
2. Name of Appropriator T. M. Raymond et al Address Rapid City, S.D.
3. Date Appropriated June 28, 1935 Date Filed April 9, 1936
- Amount Appropriated, Miners Inches 250, Cubic Feet per second
4. Name of Stream Musselshell River Tributary Basin Mo. R.
5. Point of Diversion Ditch runs in SE direction thru the NW 1/4 of
Sec. 8 Twp. 8 Rge. 12 Bank of Stream
Ditch taken approx. 175' west of section line between Sec. 9 & 8-12, and approx.
80 rods south of NW corner of Sec. 9. Headgate 4' wide and 4' deep which diverts
water from south bank into ditch.
6. Purpose Irrigating, domestic and other
7. Description of System Ditch 3' deep, 3' wide bottom, 6' wide at top
8. Land Description of Intended Place of Use
Sec. 9-12 - Annie Settles, Martinsdale - 10 A.
State of Montana - 10.98 A.
T. M. Raymond & Habel Lamb, Box 1345 Rapid City, S.D.
619.02 A.
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE
Water Resources Survey
Notice of Appropriation

1. County Wheatland (Meach) Book A-7 Page 455 Record WR 376
2. Name of Appropriator Chas. Sherbino Address Martinsdale
3. Date Appropriated April 20, 1896 Date Filed May 16, 1896
- Amount Appropriated, Miners Inches 20, Cubic Feet per second
4. Name of Stream Musselshell Tributary Basin No. R.
5. Point of Diversion Ditch taps stream on bank at point near SW of
- Sec. 5 Twp. Rge. Bank of Stream North
6. Purpose Irrigation
7. Description of System Ditch 16" bottom, 16" top, 6" deep
8. Land Description of Intended Place of Use
NW 1/4 Sec. 2
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

- 376
1. County Heatland-Mearns Book A-7 Page 121 Record 1B 375
2. Name of Appropriator Henry Vestal Address Martinsdale
3. Date Appropriated April 15, 1895 Date Filed May 2, 1895
- Amount Appropriated, Miners Inches 500 Cubic Feet per second
4. Name of Stream Musselshell River Tributary Basin No. R.
5. Point of Diversion Ditch taps stream at point near NW corner of NW 1/4 Sec. 9
- Sec. 9 Twp. 4 Rge. 12 Bank of Stream North
6. Purpose Irrigating
7. Description of System Ditch 18 by 65"
8. Land Description of Intended Place of Use
- NW 1/4, SE 1/4, Sec. 9-12-120 A. T. H. Raymond & Mabel Lamb
Box 1345, Rapid City, S. Dak.
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Wheatland Book A-7 Page 102 Record WR 538
2. Name of Appropriator R. H. Olandénin Address Martinsdale
3. Date Appropriated May 26, 1892 Date Filed June 4, 1892
- Amount Appropriated, Miners Inches 30 Cubic Feet per second
4. Name of Stream A certain spring which rises in SW 1/4 Sec. 8, Twp. 8, R. 12E.
5. Point of Diversion Spring which rises in SW 1/4

Sec. 8 Twp. 8 Rge. 12 Bank of Stream Right

6. Purpose Irrigation
7. Description of System Spring near ditch 24" by 12" size

8. Land Description of Intended Place of Use
- SW 1/4 Sec. 8-8-12 - SW 1/4 - T. 8 N. Raymond & Mabel Lamb, Box 1345
- Rapid City, S.D.

9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Wheatland-Wheat Book A-7 Page 112 Record WR 574
2. Name of Appropriator C. J. Sherbino Address Martinsdale
3. Date Appropriated Mar. 14, 1893 Date Filed April 5, 1893
- Amount Appropriated, Miners Inches 50 Cubic Feet per second
4. Name of Stream Certain Spring Tributary Basin
5. Point of Diversion Ditch taps water from spring close to where it rises from ground.
- Sec. Twp. Rge. Bank of Stream
6. Purpose Irrigation
7. Description of System Ditch 24 by 12"
8. Land Description of Intended Place of Use MM Sec. 9-8-12 - 160 A. - T. 1. N. Raymond & Mabel Lamb, Rapids City, S.D.
(10 A. of this is Annie Settles, Martinsdale, Mont.)
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Montana Book 15 Page 31-32 Record WR
2. Name of Appropriator George Lyons Address Martinsdale
3. Date Appropriated May 6, 1922 Date Filed March 14, 1927
Amount Appropriated, Miners Inches 1920 Cubic Feet per second
4. Name of Stream No. Fork Musselshell Tributary Basin
5. Point of Diversion Ditch taps water from stream at point on bank thence onto said
land, NE 1/4
Sec. 2 Twp. 8 Rge. 11 Bank of Stream Left
6. Purpose Irrigation, etc.
7. Description of System Ditch 108 by 12"
8. Land Description of Intended Place of Use
Sec. 12-2-12 - 640 A. - Bair Ranch Co., Martinsdale, Mont.
12-2-13 - 629.23 A. - " " " "
14-2-12 - 640 A. - (Bridley Hartt Jr., 40 Glenora Road, Brooklyn,
(Andrew Johnson, Martinsdale, Mont. 1922.
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

RECEIVED
Office of the State Engineer
at Helena, Montana
May 1964

STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY
WATER RIGHT DATA

County Wheatland
Code No. 5A, 7A, 8A, 11A, 12A,
13A, 18A, 19A, 7A, 18A,
17A, 19A, 20A, 21A,
(Two Typs.)

Name of Land Owner A. D. Peterson Address Martindale, Montana
Name of Operator Same Address _____
Legal Description S1/4 Sec. 5, All 7, 8, 11, 12, 13, 18, 19, 20, All 7, 17, 18, 19, 20,
a fraction of the SW 1/4 & the NW 1/4 Sec. 21 in Twp. 8N., Rge. 13E.

1. Our records show that the following water rights were filed on the above described land:

Code	Name of Appropriator	Stream	Land Description	Date App.	Date Filed	Miner's Inches Filed On
	(See link attached)					

2. Are these filings in use? ☒ Yes. ☐ No. Explain _____

3. Have any of the above filings or any part of them been sold? ☐ Yes. ☐ No. If yes, give amount of inches sold and to whom transferred and from what original filing _____

4. I have the following water rights that the State Engineer's Office have not shown in the above list:

Name of Appropriator	Stream	Land Description	Date App.	Date Filed	Miner's Inches Filed On

5. In addition, I have an irrigation system on which no recorded filing was ever made.

Name of First User	Date of First Use	Stream	Place of Use

6. Do you buy supplemental water? ☒ Yes. ☐ No. If yes, from whom and how many inches, C.F.S., Acre Feet, as the case may be? _____

186 A.F. Upper Musselshell Water Users Assn.
See work sheets for individual amounts.

7. Give any other information that you think should be included for the protection of your water right _____

Information from Peterson & Field Date _____
& County

land
 , 8A, 11A, 12A,
 A, 7A, 18A,
 A, 21A,
 Twps.)

Miner's
 Inches
 Filed On

d to whom trans-

Miner's
 Inches
 Filed On

of Use

use may be?

As a

Code	Name	Stream	Land Description	Date Approp.	Date Filed	Miners Inches
D-43	Henry Pump	Not given	All Sec. 10, 21, 27, 29, 31, 33, the N ^W , N ^W of Sec. 34 in 8-12	5-15-81		200
10	Martinsdale Sheep Co	Alkali Creek	Sec. 18 in 8-12	11-1-98	11-7-98	100
155	George Lyons	Daisy Dean Cr	Sec. 12 in 8-12	9-23-92	9-29-92	400
207	George Lyons	West Fork Little Elk	Sec. 19 in 8-13	5-1-93	5-23-95	600
317	Bair Ranch Co.	North Fork Musselshell	All Sec. 5, 7, 8, 17, 18, E ¹ Sec. 2 in 8-12; All 7, 17, 19, 20, 21 in 8-13 (Other land not appurtenant)	4-8-30	4-28-30	O.F.S. 400
332	Jacob T. Elston and George Lyons	Musselshell	Sec. 19 in 8-13 and Sec. 14 in 8-12	6-18-90	6-30-90	1200
350	Henry Kertz	Musselshell	W ¹ Sec. 8 in 8-12	6-1880	6-4-90	600
356	George Lyons	Musselshell	Sec. 20 & 21 in 8-13	5-1882	5-27-89	2000
357	George Lyons	Musselshell	Sec. 19, 20, 21 in 8-13	10-13-03	10-14-03	800
368	George Lyons	North Fork Musselshell	Sec. 12, 14 in 8-12 and Sec. 18 in 8-13	5-6-92	3-14-27	1920
363	Musselshell Develop- ment Co.	North Fork Musselshell	Sec. 1 to 6 & 9, 10, 13 in 8-12 and 1 to 24 in 8-13	3-12-13	3-20-13	12,000
364	Same as 363	South Fork	Same as 363	3-12-13	3-20-13	13,000
380	State Water Board	Musselshell	W ¹ Sec. 21 in 8-13	3-22-38	5-10-38	?
672	Geo. Lyons Meagher	Daisy Dean	Sec. 20 in 8-13	12-12-85	12-12-85	300
875	Geo. Lyons Meagher	Little Elk	Sec. 19 in 8-13	12-12-85	12-12-85	200
1452	Lyons & Elston Meagher	North Fork Musselshell	Sec. 12 & 14 in 8-12 and 18 in 8-13	5-6-92	5-24-92	1920
360	Martinsdale Sheep Co	Musselshell/R	Sec. 7-8-17-T8N R12E	5-2-01	5-24-01	1500

Date Filed Miners Inches

200

11-7-98 100

9-29-92 400

5-23-95 600

C.F.S.

4-28-30 400

6-30-90 1200

6-4-90 600

5-27-89 2000

10-14-03 800

3-14-27 1920

12,000

3-20-13

3-20-13

13,000

5-10-38 ?

12-12-85 300

12-12-85 200

5-24-92 1920

5-24-91 1500

Farm Checked

STATE OF MONTANA

Code No. see sheet 1

By JC

STATE ENGINEER'S OFFICE

County Wheatland

Area Two Dot

WATER RESOURCES SURVEY

8 N 12 E 11, 12, 13
T. 24 N. R. 12 E. Sec. 7, 12, 18, 19, 20

Date 7/24/48

Photo No. MA-39-55-56-193

Legal Land Owner A.E. Peterson

Address Martinsdale

Operator Same

Address

Water is delivered by:

Federal Project Pres Pot

Ditch Company Pres Pot

Irrigation District Pres Pot

Private System G.L. Ditch Pres Pot

Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private App. No. 317, 155, 358, (1452 Meagher)
303, 364, 207, 332, 357,
875 Meagher, 356, (672 Meagher)

Is the system an extension of another system? Yes No ✓

Is all land irrigated from one system? Yes ✓ No ✓

(If No, show break down on map)

Source of Water Musselshell - Could be N. E. Musselshell River

Acres Irrigated 1948

Potential Acres Seeped

Explain

Condition of System Good, needs cleaning

Adequate Supply Yes ✓ No

Explain

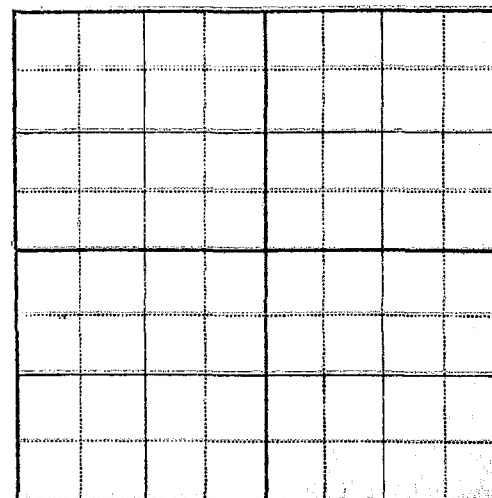
Topography Valley Slope & bench land

Information From Mr. Peterson

Remarks Land under G.L. Ditch is in 7, 12, 13 Sec. 7, 12, 13, 18, 19, 20 T. 24 N. R. 12 E.

4 Secs. 7 & 18 T. 24 N. R. 12 E.

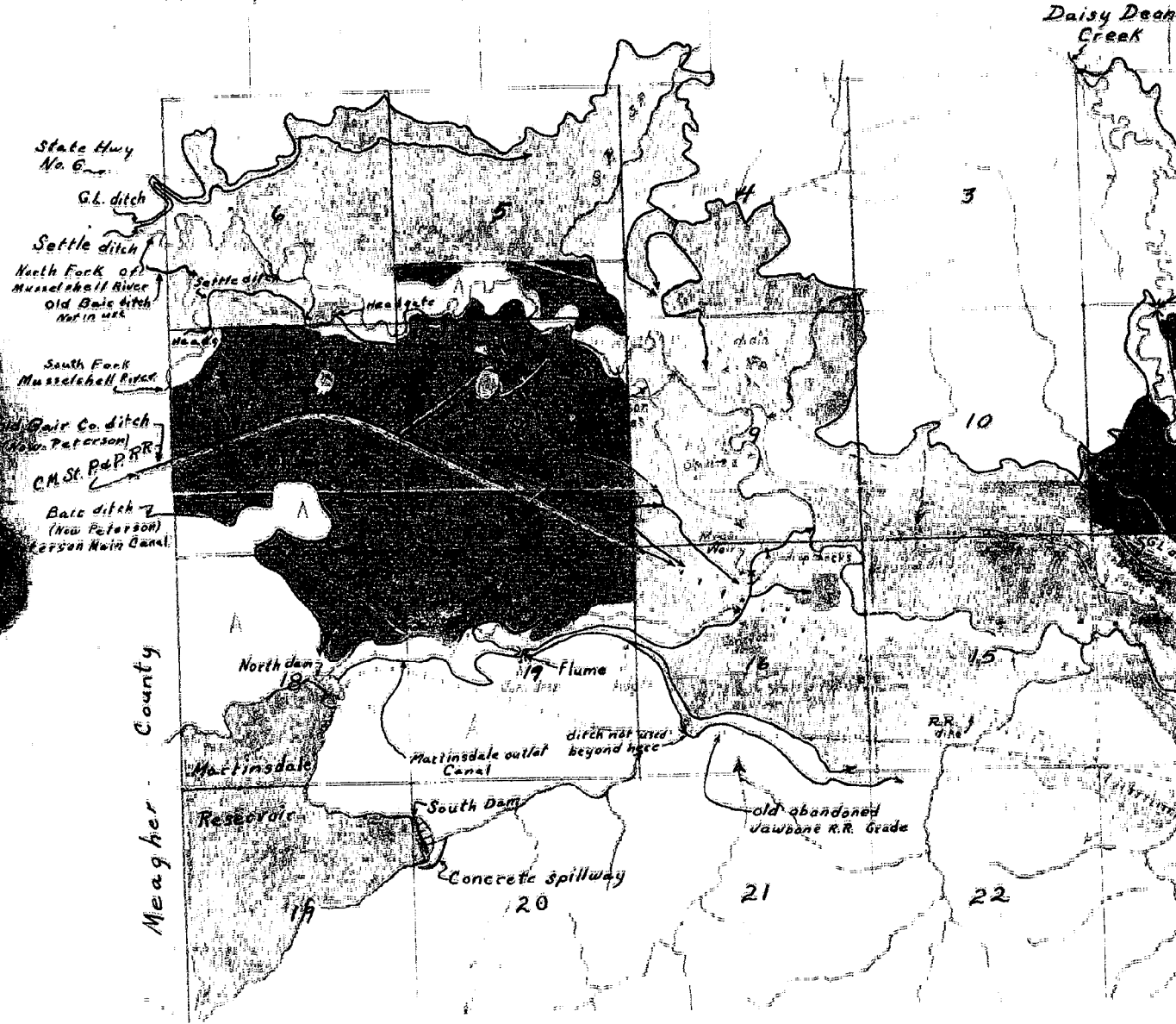
(over)



[illegible]

 Irrigated Land
 Potential Irrigable Land

Township 8 North - Range 12 East



 Irrigated Land

 Two Dot Canal

 Potential Irrigable Land

Wheatland County

Township 8 North - Range 13 East

Haymaker
Creek

Daisy Deen
Creek

Wheatland County

Some Flood
Ditch

not in use
beyond here

GL ditch
(Not in use)

Old Lyons ditch
(not in use)

State Hwy.
No. 6

Two Dot Canal Dam
Concrete Roll Type
Steel Headgates

Mussellshell
River

C.M. & P. RR. 2

Ditch picks up
seepage

Little Elk Cr.

West Fork
Little Elk Cr.

South Fork
Little Elk Cr.

End of ditch
empties into Coulee

Willis Coulee

old flood ditch
not in use for many years

old ditch cut off
by drain ditch

TWO DOT
CANAL

dike

Concrete dam
spillgate

Old Ditch
not in use

Wood Headgate
in leaves dam

not in use

Wilson
(or Two Dot ditch)

2A

11-12-13

193

358
-264

P

This ranch is old George Lyons ranch part of which is irrigated by old ditch and part by using Two Det Canal. The land under the Two Det Canal was originally irrigated by a private ditch from river too.

~~Ditch~~

This ditch was built and filed on by George Lyons but E. L. Sattle now owns water right for it. Mr. Peterson says Sattle ~~gave~~ him permission to use ditch and he intends to repair hdqte and use it.

FORM 571 - MAY 1964 (20-1-67)

STATE OF MONTANA
STATE ENGINEER'S OFFICE
WATER RESOURCES SURVEY

Township.....*8 N*..... Range.....*12 E*..... County.....

6	5	4	3	2	1
	A				
7	8	9	10	11	12
A	A			AE. Peterson	A
13	14	15	16	17	18
A	A				A
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

Bair Company *Martinsdale*
J. A. E. Peterson *Martinsdale*
Township.....*8 N*..... Range.....*12 E*.....

Farm Checked

STATE OF MONTANA

Code No. 5A-7A-8A-18A-17A

By L.C.

STATE ENGINEER'S OFFICE

County Wheatland

Area Martinsdale

County Wheatland

WATER RESOURCES SURVEY

T. BN R. 12 S. 7.8 also in
MA-40 38 Sec 7.15 ~~higher~~

Date 7/28/98

Photo No. *MA-39-23*

Legal Land Owner. A. E. Peterson Contract

Address Martinsdale

Operator Jame

Address _____

Water is delivered by:

Federal Project _____ Pres _____ Pot _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System ☒ Pres. 1900 Pot. 2[illegible]

Flood _____ Pump _____ Reservoir _____ Gravity ☒ _____

Size and Capacity, Pump, etc. ✓

Original Appropriator, Company Bair Ranch Co (317,360) App. No. 263-364-350

Original Appropriator, Private Henry Kertz (35) App. No. 311-10-
(Show date of appropriation under Remarks)

Is the system an extension of another system? Yes ☐ No ☒

Is all land irrigated from one system? Yes _____ No ☒

(If No, show break down on map)

Source of Water... Musselshell River...

Acres Irrigated 1943 1900 app. (total amount irrigated on upper

Potential Acres: _____ **Seeped:** _____

Explain: _____

Condition of System good need cleaning

Adequate Supply ☐ **Yes** ☒ **No** ☒

Explain Valley Slopes, bench land & river botto

Topography

Information From Mr. Peterson

Remarks Area for water right is one of the subject rights
on the river and the M. river for not go dry
this far up. (over)

-EA-18A-17A

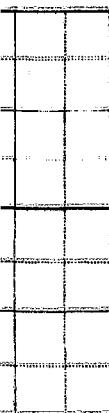
nd
S. 9:8 also in
Sec 7, 18 Meagher

1c

3
rock

64-350

2-



300 AC. bought from Water Board

This ranch ~~was~~ comprised of part of the old Bair ranch and the Kartz ranch.

Irrigating is done by use of several ditches. The first is the Bair Ditch out of the Martinsdale Res. Supply ^{Canal} ditch.

(The supply Canal uses the Bair ditch site from the ^{Canal} in headgate to Petersons hdqte in the present Canal). This ditch

irrigates land in secs. 7 & 18 south of the C.M. & ST. P. & RR

and water from it is sometimes dropped into the ditch ^{Bair} ^{at present} ~~at the~~

railroad to irrigate land on the N. side of the tracks. The ^{Bair} ^{at present} ~~Bair~~ ditch

this ditch is used by dropping water in it from the above-mentioned Bair ditch.

On the North side of the tracks is diverted from the S. Fork at

the Musselshell in sec. 12, T. 8 N. R. 11 E, Meagher Co., about 1/2 mile N.E. of

Martinsdale. This ditch is used to irr. land North of r.r. in secs. 9 & 18 T. 8 N. R. 11 E

and same in sec. 12 T. 8 N. R. 11 E Meagher Co.

Another Bair ditch diverts water from the S.E. of the M. to land

between the N. & S. Forks of the Musselshell, most of which is in secs. 1 & 12

T. 8 N. R. 11 E, Meagher Co.

The Kartz ditch is diverted from the M. River in the S.E. corner of sec. 6

T. 8 N. R. 11 E and serves the river bottom land in sec. 9

(This ditch not operating at present except to catch & spread water from upper ditch ^{Bair})

Form WR-2
Revised 12-22-48

Twp. 50 Rge. 12E
Twp. 50 Rge. 12E
Twp. 50 Rge. 12E

STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Wheatland
Code No. 4A, 7A, 8A, 11A,
12A, 13A, 18A, 19A, 7A,
18A, 17A, 10A, 20A, 21A,
(Two Types.)

Name of Land Owner A. E. HEGSTAD Address MacLindale, Mont.
Name of Operator A. E. HEGSTAD Address MacLindale, Mont.
Legal Description all Sec. 5, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 in Twp. 50N., Rge. 12E., All 7, 12, 13, 14, 20,
a fraction of the SE 1/4, & the NW 1/4 Sec. 21 in Twp. 50N., Rge. 12E.

☒ Irrigated Land ☐ Non-Irrigated Land ☒ Potential Land Under Existing Facilities
North

Code No. 5A (Barren Landowner) System G. L. Ditch Source of Water North Fork Musselshell R.
Basin Muhl Present 0 Potential 63.0 Maximum 63.0 R.V. F P. G.V. S. S
Code No. 5A, 8A (Barren Landowner) System North Ditch Source of Water Musselshell River
Basin Muhl Present 0 Potential 93.0 Maximum 100.0 R.V. F P. G.V. S. S
Code No. 7A, 8A, 10A, 11A, 12A, 13A, 14A, 15A, 16A, 17A, 18A, 19A, 20A, 21A (Barren Landowner) System Barren Ranch La. Ditch Source of Water South Fork Musselshell R.
Basin Muhl Present 1,253.0 Potential 0 Maximum 1,253.0 R.V. F P. G.V. S. S
Code No. 11A, 12A, 13A, 14A, 15A, 16A, 17A, 18A, 19A, 20A, 21A (Barren Landowner) System Little Flood Ditch Source of Water Davy Dean Creek
Basin Muhl Present 225.0 Potential 11.0 Maximum 236.0 R.V. F P. G.V. S. S
If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be
in said system.
NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity.
S—Stored Water.
Information from A. E. HEGSTAD Date 8/19/49

DO NOT WRITE
IN SPACE BELOW

T. 8N-R. 12E

Code No. 11A, 12A, 13A (Bear Co. - owner) System G. L. Ditch Source of Water N. E. Musselshell R.
Basin M. 561 T. 8N-R. 12E Present 223.0 Potential 228.0 Maximum 404.0 R. ✓ F. ✓ P. ✓ G. ✓ S. ✓
Code No. 12A (Bear Co. - owner) System addams Ditch (M. 561) Source of Water Musselshell River
Basin M. 561 T. 8N-R. 12E Present D. Potential 8.0 Maximum 8.0 R. ✓ F. ✓ P. ✓ G. ✓ S. ✓
Code No. 7A, 12A, 13A (Bear Co. - owner) System G. L. Ditch Source of Water N. E. Musselshell R.
Basin M. 561 T. 8N-R. 12E Present 38.0 Potential 412.0 Maximum 450.0 R. ✓ F. ✓ P. ✓ G. ✓ S. ✓
Code No. 13A (Bear Co. - owner) System Peterson Ditches Source of Water Little Elk Creek
Basin M. 561 T. 8N-R. 12E Present 28.0 Potential 137.0 Maximum 165.0 R. ✓ F. ✓ P. ✓ G. ✓ S. ✓

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity.
S—Stored Water.

Information from R. S. B. over Date 8/18/49

Address.....

12, 13, 18, 2 in Twp. 8N., Rge. 12E., All 17, 18, 19, 20,

the West Sec. 21 in Twp. 8N., Rge. 13E.

North

Potential Land Under Existing Facilities

DO NOT WRITE
IN SPACE BELOW

T. 8N = R. 13E

(66, 181, 142, 11, A)

Code No. 17A, 20A, 21A (Bain Co.) System Two Dot Canal Source of Water Musselshell River
 Basin Mshl Present 279.0 Potential 20.0 Maximum 359.0 R. x F. P. G. x S.
 Code No. 22A, 21A (Bain Co.) System Lyons Ditch Source of Water Musselshell River
 Basin Mshl Present 20.0 Potential 0 Maximum 20.0 R. x F. P. G. x S.
 Code No. System Source of Water
 Basin Present Potential Maximum R. F. P. G. S.
 Code No. System Source of Water
 Basin Present Potential Maximum R. F. P. G. S.

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be
 in said system.

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity.
 S—Stored Water.

Information from

H. F. B.

Date

8/19/49

Musselshell R.

G. V. S.

Bell River

G. V. S.

Musselshell R.

G. V. S.

F. H. Creek

G. V. S.

the case may be

diverted by gravity.

17, 18, 19, 20.

E.

Ries

Farm Checked

STATE OF MONTANA

Code No. see sheet 1By LC

STATE ENGINEER'S OFFICE

County WheatlandArea Two Dat

WATER RESOURCES SURVEY

T. 8N R. 13E Sec. 20, 21Date 7/28/48Photo No. MH-39-55Legal Land Owner A.E. PetersonAddress MartinsdaleOperator Same

Address

Water is delivered by:

State Federal Project Two Dat Canal

Pres?

Pot

Ditch Company

Pres

Pot

Irrigation District

Pres

Pot

Private System

Pres

Pot

Totals

Flood

Pump

Reservoir

Gravity ☒

Size and Capacity, Pump, etc.

Original Appropriator, Company

App. No.

Original Appropriator, Private

App. No. 317, 356, 357, 672 Mougher
Water Board Rights
380

Is the system an extension of another system?

Yes No

Is all land irrigated from one system?

Yes ☒ No

(If No, show break down on map)

Source of Water Two Dat Canal (Musselshell River)

Acres Irrigated 1928

Potential Acres Seeped

Explain

Condition of System Good (needs some work done)Adequate Supply Yes ☒ No

Explain

Topography River bottom & 1st TerraceInformation From Mr PetersonRemarks Buy 186 AF from W.B.over)

Musselshell River

P. G. S. ☒

Musselshell River

P. G. S. ☒

P. G. S.

P. G. S.

at, as the case may be

water diverted by gravity.

544

E Sec. 20.21

544e

_Pot

Pot.

Pot.

Pot.

6,357,672 Meagher
Board Rights

[illegible]

This land is on old G. Lyons Ranch was served by Bear Ditch^{let} which is still used to carry water. land is not all ditched (laterals)
about 65 acres were leased to D. Cates

FORM 6-1 - GAZETTE 1965-EM-1-42
7A-17A-18A-19A-20A
Code No. 21A

By J.C.

STATE ENGINEER'S OFFICE
WATER RESOURCES SURVEY

County Wheatland

Area Two DotT. 8A R. 13E Sec. 20

Date 7/28/48

Photo No. MA-3955

Legal Land Owner A. E. Petersen

Address Martinsdale

Operator Janne

Address _____

Water is delivered by: *C.E. Snow*
Bair Company owner

Federal Project A. E. Peterson OP. Pres. _____ Pot. _____

Ditch Company. Pres. Pot.

Irrigation District _____ Pres. _____ Pot. _____

Private System ¹⁻⁵⁻⁵ Pres. _____ Pot. _____[illegible]

Flood _____ Pump _____ Reservoir _____ Gravity ☒ _____

Size and Capacity, Pump, etc.

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Gen. Lyons; Bair Ranch Co. App. No. 354,357; 317-358

Is the system an extension of another system? Yes _____ No ☒ (672-MK) 380

Is all land irrigated from one system? Yes _____ No _____

(If No, show break down on map)

Source of Water: Musselshell River ✓

Acres Irrigated 1948

[illegible]

Explain 111

Condition of System	needs cleaning	See attached map
---------------------	----------------	------------------

Adequate Supply - Yes ☒ No ☐

Explain _____

Topography River bottom

Information From _____

Remarks	Old ditch in River bottom sec 20
---------	----------------------------------

(over)

See attached Map

22

1-IPA-20A

ad

Sec 20

55

66

it

it

it

it

312-358

75 Mm.

0

D-43

Wp

S. Bank

This ditch has hdqts in river in SW Corner SEC 20
only irr. about 7 or 8 acres on Patersons land in 20
used also by Robertson in sec 21. 8N 12E



Hand

79-55

sdc/c

...Pot

--- Pot

—Pot

— Pot

32, 357, (P15 Meagher)
75 Meagher

75 Member

Ditch on west side of Little Elk catches seepage on S. side of tracts to spread on land N. of RR tracks. This land is badly seeped and ditch isn't controlled at present. Ditch probably took out of Little Elk creek at one time. Needs cleaning.

Ditch on East side of Little Elk takes out of
beaver dam in creek, is in good condition.

Code	Name	Stream	Land Description	Date Approp.	Date Filed	Minor Inches
D-43	Henry Pump	Not given	All Sec. 19, 21, 27, 29, 31, 33, the N ¹ / ₂ , N ¹ / ₂ of Sec. 34 in 8-12	5-15-81		200
235	Martinsdale Sheep Co	Alkali Creek	Sec. 18 in 8-12	11-1-98	11-7-98	100
155	George Lyons	Daisy Dean Cr	Sec. 12 in 8-12	9-23-92	9-29-92	400
207	George Lyons	West Fork Little Elk	Sec. 19 in 8-13	5-1-93	5-23-95	600
317	Bair Ranch Co.	North Fork Musselshell	All Sec. 5, 7, 8, 17, 18, E ¹ / ₂ Sec. 2 in 8-12; All 7, 18, 19, 20, 21 in 8-13 (Other land not appurtenant)	4-8-30	4-28-30	G.F.S. 400
332	Jacob T. Elston and George Lyons	Musselshell	Sec. 19 in 8-13 and Sec. 14 in 8-12	6-18-90	6-30-90	2000
350	Henry Kertz	Musselshell	W ¹ / ₂ N ¹ / ₂ Sec. 8 in 8-12	6-1880	6-4-90	600
356	George Lyons	Musselshell	Sec. 20 & 21 in 8-13	5-1882	5-27-89	2000
357	George Lyons	Musselshell	Sec. 19, 20, 21 in 8-13	10-13-03	10-14-03	800
368	George Lyons	North Fork Musselshell	Sec. 12, 14 in 8-12 and Sec. 18 in 8-13	5-6-92	3-14-27	1920
363	Musselshell Develop- ment Co.	North Fork Musselshell	Sec. 1 to 6 & 9, 10, 13 in 8-12 and 1 to 24 in 8-13	2-12-13	3-20-13	12,000
364	Same as 363	South Fork	Same as 363	3-12-13	3-20-13	13,000
380	State Water Board	Musselshell	W ¹ / ₂ S ¹ / ₂ Sec. 21 in 8-13	3-22-38	5-10-38	?
672	Geo. Lyons Meagher	Daisy Dean	Sec. 20 in 8-13	12-12-85	12-12-85	300
875	Geo. Lyons Meagher	Little Elk	Sec. 19 in 8-13	12-12-85	12-12-85	200
1452	Lyons & Elston Meagher	North Fork Musselshell	Sec. 12 & 14 in 8-12 and 18 in 8-13	5-6-92	5-24-92	1920

Date Filed Miner
Inches

200

11-7-98 100

9-29-92 400

5-23-95 600

C.F.S.

4-28-30 400

6-30-30 1200

6-4-90 600

5-27-89 2000

10-14-03 800

3-14-27 1920

12,000

3-20-13

3-20-13

13,000

5-10-38 ?

12-12-85 300

12-12-85 200

5-24-92 1920

FORM #1 - BARESTE 1684-AM-1-47

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 8N Range 13E County Wheatland

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

Bois Company T.
A.E. Peterson
Township 8N Range 13E

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Montland (Hogart) Book 1 Page 37 Record Hogart Co.
2. Name of Appropriator H.C. & Thad C. Pomeroy Address Hogart Co., Mont.
3. Date Appropriated May 15, 1931 Date Filed May 18, 1931
- Amount Appropriated, Miners Inches 200, Cubic Feet per second
4. Name of Stream West Fk. of Little Elk Cr. Tributary Basin
5. Point of Diversion In NE 1/4 of the section

Sec. (NE 1/4) 5 Twp. 7 Rge. 12 Bank of Stream North

6. Purpose Irrigation and other purposes on either side of creek

7. Description of System Dam, headgate and ditch

8. Land Description of Intended Place of Use
(NE 1/4) Sec. 5-7-12 - 160 A.

9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. 1862 Date Sept. 26, 1931 Amt. Decreed: M. I. 200 C. F. S.
11. To Whom Decreed Henry Pomeroy Address
12. Name of Ditch not given Maximum Capacity (C. F. S.) 200 Miners' Inches
13. Date of Priority May 15, 1931 Purpose Irrigation and raising of crops
14. Land Description of Place of Use as Decreed
(NE 1/4) Sec. 5-7-12
together with other lands adjacent to NE 1/4 (OVER for intended place of use)
15. Remarks (Present Use Status, etc.)

Nebraska Co.

Co., Mont.

cond.

Basin

All of Sec. 3, 5, 9 & 15 in Twp. 7, Rge. 12.

All of Sec. 19, 21, 27, 29, 31 & 33 the (NE $\frac{1}{4}$) & (W $\frac{1}{4}$) of Sec. 24-8-12

All of Sec. 3, 5, 9, (S 30) acres of the (SE $\frac{1}{4}$), (W $\frac{1}{4}$ SE $\frac{1}{4}$), (SW $\frac{1}{4}$ NE $\frac{1}{4}$) (W 15) acres of the (NE $\frac{1}{4}$), (W $\frac{1}{4}$ NE $\frac{1}{4}$) (SE $\frac{1}{4}$ W) & (SW $\frac{1}{4}$) of Sec. 15-7-12 (NE $\frac{1}{4}$) (W $\frac{1}{4}$ NE $\frac{1}{4}$) (W $\frac{1}{4}$ SW $\frac{1}{4}$) (S $\frac{1}{2}$ SW $\frac{1}{4}$) of Sec. 19, all of Sec. 21-8-12, (S 15) acres of the (SE $\frac{1}{4}$) (W $\frac{1}{4}$ SE $\frac{1}{4}$) (SW $\frac{1}{4}$) (W $\frac{1}{4}$) of Sec. 33-8-12.

F. S.

200 Miner's Inches

ing of crops

place of use)

STATE ENGINEERS OFFICE
Water Resources Survey
Notice of Appropriation

1. County Wheatland (Meach) Book A-7 Page 507 Record WB 10
2. Name of Appropriator Martinsdale Sheep Co. Address Not shown
3. Date Appropriated Nov. 1, 1898 Date Filed Nov. 7, 1898
Amount Appropriated, Miners Inches 100 Cubic Feet per second
4. Name of Stream Alkali Creek Tributary Basin
5. Point of Diversion Ditch taps str. on at point near line between Sec. 17 & 18 where
creek crosses line
Sec. 18 Twp. 8 Rge. 12 Bank of Stream Left
6. Purpose Irrigating
7. Description of System Ditch 18" bottom, 24" top, 10" deep
8. Land Description of Intended Place of Use
Sec. 18-8-12 - 629.23 A. - Bair Ranch Co., Martinsdale, Mont.
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE

Water Resources Survey

Notice of Appropriation

1. County Wheatland (Hearsh) Book A-1 Page 107 Record 117
2. Name of Appropriator George Lyons Address Martinsdale
3. Date Appropriated Sept. 22, 1892 Date Filed Sept. 29, 1892
- Amount Appropriated, Miners Inches 400, Cubic Feet per second
4. Name of Stream Daisy Dean Creek Tributary Basin
5. Point of Diversion Ditch taps stream at point on left bank at point near SW corner of 34th
- Sec. 34 Twp. 9 Rge. 12 Bank of Stream Left
6. Purpose Irrigation, etc.
7. Description of System Ditch 64 by 14" in size
8. Land Description of Intended Place of Use
Sec. 12-8-12 = 640 A. = Hair Ranch Co., Martinsdale, Mont.
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Wheatland (Neagh) Book A-7 Page 122 Record WR 207
2. Name of Appropriator George Lyons Address Martinsdale, Mont.
3. Date Appropriated May 1, 1893 Date Filed May 23, 1893
Amount Appropriated, Miners Inches 600, Cubic Feet per second.....
4. Name of Stream W. Ek. Little Elk Creek Tributary Musselshell Basin Mo. R.
5. Point of Diversion Ditches tap stream at point on one ditch on left bank 3/4 mile from where creek empties in Muhl. River. One ditch on right bank 1/4 mile from where
Sec. 19 Twp. 3 Rge. 13 Bank of Stream
creek empties into Muhl. River.
6. Purpose Irrigating, etc.
7. Description of System Two ditches 36 by 20" in size, 36 by 12" in size
8. Land Description of Intended Place of Use
Sec. 19-3-13 - 616.11 A. - Bair Ranch Co., Martinsdale, Mont.
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Wheatland Book 15 Page 107-108 Record MI 3/7
 2. Name of Appropriator Bair Ranch Co. Address Martinsdale
 3. Date Appropriated April 8, 1930 Date Filed April 25, 1930
 Amount Appropriated, Miners Inches 16,000, Cubic Feet per second 400

4. Name of Stream No. Fk. of Musselshell Tributary Basin No. 2

5. Point of Diversion Water diverted by ditch at point in the S.W. 1/4

Sec. 28 Twp. 9 Rge. 11 Bank of Stream South

6. Purpose Irrigate

7. Description of System ditch 10' bottom, 4' deep, 14' top

8. Land Description of Intended Place of Use

<u>S.W. 1/4</u>	<u>Sec. 35-10-9</u>	<u>Not in Wheatland Co.</u>
<u>S.W. 1/4</u>	<u>33-9-11</u>	<u>" " " "</u>
<u>S.W. 1/4</u>	<u>34-9-11</u>	<u>" " " "</u>
<u>S.W. 1/4</u>	<u>35-9-11</u>	<u>" " " "</u>

OVER

9. Remarks (Pertaining to Use, etc.)

Means of diversion have been constructed and continuously maintained for more
than 20 years.

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.

11. To Whom Decreed Address

12. Name of Ditch Maximum Capacity (C. F. S.)

13. Date of Priority Purpose

14. Land Description of Place of Use as Decreed

15. Remarks (Present Use Status, etc.)

No. 8 - Intended Place of Use

Description	Sec.	Twp.	Rge.	
All	1	8	11	Not in Wheatland Co.
All	2	8	11	
All	3	8	11	
All	4	8	11	
All	5	8	11	
All	9-14	8	11	
NE 1/4	15	8	11	
All	23	8	11	Not in Wheatland Co.
All	5,7,8,17	8	12	See below
All	18	8	12	Bair Ranch Co., Martinsdale
NE 1/4	2	8	12	Bair Ranch Co., Martinsdale
All	11,12,13	8	12	Bair Ranch Co., Martinsdale
All	7,18,19,20	8	13	Bair Ranch Co., Martinsdale
All	21	8	13	Bair Ranch Co., Martinsdale

Sec. 5-8-12 - Bair Ranch Co., Martinsdale - 327.96 A.
 Anna Settles, Martinsdale - 327.96 A.

Sec. 7-8-12 - Bair Ranch Co. - 618 A.
 C.M. St. Paul - 12.38 A.

Sec. 8-8-12 - Bair Co. - 626 A.
 C.M. & St. Paul - 13.86

Sec. 17-8-12 - Bair Ranch Co., Martinsdale - 640 A.

STATE ENGINEERS OFFICE
Water Resources Survey
Notice of Appropriation

1. County Whitland (Hatch) Book A-2 Page 84 Record 18 332
2. Name of Appropriator Jack T. Elston & Son Lyons Address Martinsdale
3. Date Appropriated June 18, 1890 Date Filed June 30, 1890
Amount Appropriated, Miners Inches 1200 Cubic Feet per second
4. Name of Stream Mussalahall River Tributary Basin No. R.
5. Point of Diversion At a point on bank near the S&W
Sec. 25 Twp. 8 Rge. 12 Bank of Stream Right
6. Purpose Irrigation
7. Description of System Ditch 84 by 12" in size
8. Land Description of Intended Place of Use
Sec. 19-8-13 - 616.11 A. - Blair Ranch Co., Martinsdale
14-8-12
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE

Water Resources Survey

Notice of Appropriation

- 332
1. County Wheatland (Hench) Book A-7 Page 79 Record 118
2. Name of Appropriator Henry Kartz Address Casata
3. Date Appropriated June, 1920 Date Filed June 4, 1920
Amount Appropriated, Miners Inches 600 Cubic Feet per second
4. Name of Stream Musselshell R. Tributary Basin Mo. R.
5. Point of Diversion Tapping stream on bank at point thereon and upon described
land
Sec. 6 Twp. 6 Rge. 12 Bank of Stream Right
6. Purpose Irrigating
7. Description of System Ditch
8. Land Description of Intended Place of Use
Mont. Mt. Aug. 2-2-12 - 160 A. - Dair Ranch Co., Martinsdale, Mont.
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE

Water Resources Survey

Notice of Appropriation

1. County Wheatland (Wesch) Book A-7 Page 56 Record 12 352
2. Name of Appropriator George Lyons Address Martinsdale
3. Date Appropriated May, 1882 Date Filed May 27, 1882
- Amount Appropriated, Miners Inches 2000 Cubic Feet per second
4. Name of Stream Musselshell R. Tributary Basin No. R.
5. Point of Diversion Ditch tapping stream at SW of NE 1
- Sec. 19 Twp. 5 Rge. 13 Bank of Stream Left
6. Purpose Irrigating, etc.
7. Description of System Ditch 6' wide, 5' deep
8. Land Description of Intended Place of Use
- Sec. 20-8-13 - 640 A. - Bair Ranch Co., Martinsdale, Mont.
- 21-8-13 - 640 A. - Bair Ranch Co., Martinsdale, Mont.
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE
Water Resources Survey
Notice of Appropriation

1. County Wheatland Book A-7 Page 206 Record WR 337
2. Name of Appropriator George Lyons Address Martinsdale
3. Date Appropriated Oct. 13, 1903 Date Filed Oct. 14, 1903
- Amount Appropriated, Miners Inches 800 Cubic Feet per second
4. Name of Stream Musselshell R. Tributary Basin No. D
5. Point of Diversion Head of ditch near the west side of
- Sec. 24 Twp. 8 Rge. 12 Bank of Stream
6. Purpose Irrigating
7. Description of System Ditch 4' bottom, 6' top, 1' deep
8. Land Description of Intended Place of Use
- Gen. 19-3-13 - 616 A. - Dair Ranch Co., Martinsdale
- 20-3-13 - 640 A. - Dair Ranch Co., Martinsdale
- 21-3-13 - 640 A. - Dair Ranch Co., Martinsdale
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE
Water Resources Survey
Notice of Appropriation

1. County Montgomery Book 15 Page 91-92 Record 18 357
2. Name of Appropriator George Lyons Address Martinsdale
3. Date Appropriated May 6, 1932 Date Filed March 14, 1937
Amount Appropriated, Miners Inches 1920, Cubic Feet per second
4. Name of Stream St. Port Mansfield Tributary Basin
5. Point of Diversion Ditch takes water from stream at point on bank thence onto said
land, W. 1/4
Sec. 2 Twp. 5 Rge. 11 Bank of Stream Left
6. Purpose Irrigation, etc.
7. Description of System Ditch 108 by 18"
8. Land Description of Intended Place of Use
Sec. 12-8-12 - 640 A. - Rahr Ranch Co., Martinsdale, Mont.
14-8-13 - 622.31 A. - " " " "
14-8-12 - 640 A. - (Bulley North Jr., 40 Clarence Road, Brackley,
(Andrew Johnson, Martinsdale, Mont. Mont.
9. Remarks (Pertaining to Use, etc.)

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed
15. Remarks (Present Use Status, etc.)

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Montland (L&C) Book A-7 Page 266 Record MR 363
2. Name of Appropriator Musselshell Development Co. Address Not given
3. Date Appropriated March 12, 1913 Date Filed March 20, 1913
Amount Appropriated, Miners Inches 12,000 Cubic Feet per second.....
4. Name of Stream North Fork Musselshell Tributary..... Basin No. 2
5. Point of Diversion Water diverted by canal to carry quantity of water to be conveyed
to
Sec. 34 Twp. 9 Rge. 11 Bank of Stream.....
6. Purpose Irrigation, domestic, etc.
7. Description of System Canal
8. Land Description of Intended Place of Use.....
Sec. 1-6 - 7, 8, 12 - These miners found on opposite side
9, 10, 13 - 8 - 12 - " " " " " "
1-24 - 8 - 13 - Other side
36 - 9 - 13 - 540 A. - State of Montana.
9. Remarks (Pertaining to Use, etc.).....

Decree

10. Case No. Date Amt. Decreed: M. I. C. F. S.
11. To Whom Decreed Address
12. Name of Ditch Maximum Capacity (C. F. S.)
13. Date of Priority Purpose
14. Land Description of Place of Use as Decreed.....
15. Remarks (Present Use Status, etc.).....

313

All these owners will be found on Form No. 310

#8.

Sec. Top. Age.

21-36	9	14 - These owners found in Col. 4, page 2.
1-18	8	14 - These owners found in Col. 1 & 4, page 2 on opp. side.
24	8	14 - Found in Col. 2, opp. side page 2
8-36	9	15 - " " " " " " " " & 3
1-24	8	15 - will be found on opp. side page 3
14-21	9	16 - opp. side page 4
26-36	9	16 - " " " "
1-30	8	16 - on page 4 and on opp. side
34-36	8	16 - opp. side of page 4.

8. side

F. S.