

***APPLICATION FOR A PERMIT**

To Appropriate the Public Waters of the State of Oregon

I, United States of America by C. H. Spencer, its Agent, address care of
District Counsel, U.S. Bureau of Reclamation, (Name of applicant) Room 603 Post Office Bldg., Portland,
of (Postoffice) County of Oregon

State of Oregon, do hereby make application for a permit to appropriate the following described public waters of the State of Oregon, subject to existing rights:

If the applicant is a corporation, give date and place of incorporation

1. The source of the proposed appropriation is Burnt River, Oregon, and its tributaries,
(Name of stream) Unity Reservoir, and return flow Snake River
a tributary of

2. The amount of water which the applicant intends to apply to beneficial use is 470
cubic feet per second.
(If water is to be used from more than one source, give quantity from each)

**3. The use to which the water is to be applied is irrigation and domestic supply, and
(Irrigation, power, mining, manufacturing, domestic supplies, etc.) supplemental irrigation and manufacturing and industrial uses.

4. The point of diversion is located ft. and ft. from the
(N. or S.) (E. or W.)
corner of See Blueprints attached (total 16, 201)
(Section or subdivision)
(If preferable, give distance and bearing to section corner)

(If there is more than one point of diversion, each must be described. Use separate sheet if necessary.)
being within the of Sec. Tp.
(Give smallest legal subdivision) (N. or S.)
R. W. M., in the county of
(E. or W.)

5. The to be
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the of Sec. Tp.
(Smallest legal subdivision) (N. or S.)
R. W. M., the proposed location being shown throughout on the accompanying map.
(E. or W.)

DESCRIPTION OF WORKS

DIVERSION WORKS—

6. (a) Height of dam feet, length on top feet, length at bottom
feet; material to be used and character of construction
(Loose rock, concrete, masonry, rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate (Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description (Size and type of pump)
(Size and type of engine or motor to be used, total head water is to be lifted, etc.)

* A different form of application is provided where storage works are contemplated.
** Applications for permits to appropriate water for the generation of electricity, with the exception of municipalities, must be made to the Hydroelectric Commission. Either of the above forms may be secured, without cost, together with instructions by addressing the State Engineer, Salem, Oregon.

J-6639

CANAL SYSTEM OR PIPE LINE—

7. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(b) At miles from headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(c) Length of pipe, ft.; size at intake, in.; size at ft. from intake in.; size at place of use in.; difference in elevation between intake and place of use, ft. Is grade uniform? Estimated capacity, sec. ft.

8. Location of area to be irrigated, or place of use

Township	Range	Section	Forty-acre Tract	Number Acres To Be Irrigated
See attached blueprints for place of use.				

(If more space required, attach separate sheet)

(a) Character of soil

(b) Kind of crops raised

POWER OR MINING PURPOSES—

9. (a) Total amount of power to be developed theoretical horsepower.

(b) Quantity of water to be used for power sec. ft.

(c) Total fall to be utilized feet.
(Head)

(d) The nature of the works by means of which the power is to be developed

(e) Such works to be located in of Sec.
(Legal subdivision)

Tp., R., W. M.
(No. N. or S.) (No. E. or W.)

(f) Is water to be returned to any stream?
(Yes or No)

(g) If so, name stream and locate point of return

....., Sec., Tp., R., W. M.
(No. N. or S.) (No. E. or W.)

(h) The use to which power is to be applied is

(i) The nature of the mines to be served

MUNICIPAL OR DOMESTIC SUPPLY—

10. (a) To supply the city of
..... County, having a present population of
(Name of)
and an estimated population of in 193.....

(b) If for domestic use state number of families to be supplied

(Answer questions 11, 12, 13, and 14 in all cases)

11. Estimated cost of proposed works, \$.....

12. Construction work will begin on or before

13. Construction work will be completed on or before

14. The water will be completely applied to the proposed use on or before

United States of America

(Signature of applicant)

C. H. Spencer, its Agent

Signed in the presence of us as witnesses:

(1) D. R. Burnett, Unity, Oregon
(Name) (Address of witness)

(2) Ralph Geibel, Unity, Oregon
(Name) (Address of witness)

Remarks:

STATE OF OREGON,)
County of Marion,) ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before, 193.....

WITNESS my hand this day of, 193.....

STATE ENGINEER

Application No. 16069

Permit No. 13565

PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

Division No. District No.

This instrument was first received in the office of the State Engineer at Salem, Oregon,

on the 30th day of September

1935, at 8:00 o'clock A.M.

Returned to applicant:

Corrected application received:

Approved:

September 18, 1939

Recorded in book No. 39 of Permits on page 13565

CHAS. E. STRICKLIN STATE ENGINEER Drainage Basin No. 9 - page 218-E Fees paid: \$228.01

STATE OF OREGON, County of Marion, ss.

PERMIT

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions:, and SUBJECT TO EXISTING RIGHTS.

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 470 cubic feet per second, measured at the point of diversion from the stream, for its equivalent in case of rotation with other water users, from Burnt River, Oregon, and its tributaries, Unity Reservoir to be constructed under Application No. R-15751, Permit No. R-726, and return flow.

The use to which this water is to be applied is Irrigation, Supplemental Irrigation, domestic, manufacturing and industrial.

If for irrigation, this appropriation shall be limited to of one cubic foot per second or its equivalent for each acre irrigated and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The priority date of this permit is September 30, 1935

Actual construction work shall begin on or before September 18, 1940 and shall thereafter be prosecuted with reasonable diligence and be completed on or before

October 1, 1941 Extended to Oct. 1, 1948 Extended to Oct. 1, 1957 Extended to Oct. 1, 1969

Complete application of the water to the proposed use shall be made on or before October 1, 1942 Extended to Oct. 1, 1948 Extended to Oct. 1, 1957 Extended to Oct. 1, 1969

WITNESS my hand this 18th day of September, 1939 Extended to Oct. 1, 1940

CHAS. E. STRICKLIN STATE ENGINEER

Permits for power development are subject to the payment of annual fees as provided in section 47-1701, Oregon Code 1930.

MEMORANDUM

SUBJECT: Burnt River Irrigation District
Application No. 16069

DATE: January 27, 1978

	<u>Acrg. Described in Application</u>	<u>Acrg. Found</u>	<u>Acrg. Allow?</u>
Above Reservoir (No Direct Access to stored water)	7274.5	6647.3	861.9
Below Reservoir	9526.5	8733.5	8733.5
Below Reservoir (New Lands pumped)		331.3	331.3
TOTALS	<u>16801.0</u>	<u>15712.1</u>	<u>9926.7</u>

Comparisons between the application map and adjudication map seem to agree closely throughout, with some additions of lands under this application which were excluded from the decree. Also many lands shown on the adjudication survey are not ultimately described in the decree for a variety of unknown reasons.

Minor differences between the application map and this survey occurring throughout the project, may be attributed to various circumstances - namely as follows:

- 1) Exclusions of lands below the Reservoir of Willow patches which may not have existed at the time of the Burnt River adjudication. Abundant correspondence exists in the file discussing the possibility of including these areas. Latest decision clearly points out that these areas can, in no way, be considered to be beneficially irrigated crops. Example: See Section 30, Township 12 South, Range 38 East, the SE $\frac{1}{4}$ NW $\frac{1}{4}$. (Note: Local farmers are said to attribute this to the longer irrigation season which resulted from the construction of Unity Reservoir, thus encouraging growth of Willows in areas which were formerly dry much of the year.)
- 2) Inclusions of some lands irrigated above the ditches by pumping, as surveyed by R. Mucken in 1974 (331.3 acres total - see tabulation).
- 3) Subtle variances occur throughout as a result of mapping differences. Several areas involved in the portion above the Reservoir, when checked on a "40" by "40" basis, appear to exceed the established rights. However, in a few cases, in comparing and/or overlaying the adjudication map with the map for this survey, the lands appear to be the same, the differences in listing being only a result of mapping difference. Where this was obviously the case, the acreages shown on the tabulation of allowable lands above the reservoir did not include these areas. Example: The Hardy land in Sections 22 and 23 of Township 12 South, Range 36 East. Although this is undoubtedly the case, in other instances, it is more difficult to ascertain in areas of more concentrated coverage.

The time lapse between application and final proof survey most certainly allowed users to develop some additional lands not included in the application.

4) Along the valley from Durkee downstream, the construction of I-80N has resulted in some changes. This appears to be a fairly even exchange of lands inundated and new lands sprinkled.

Major discrepancies occur in a few areas - namely:

1) Substantial exclusions of lands irrigated from tributaries of Burnt River below the Reservoir which were above ditches from Burnt River itself - i.e. lands which receive no direct benefits from stored water in Unity Reservoir. Examples: West Camp Creek and Cow Creek in Township 12 South, Range 38 East; Dry Gulch, Pritchard Creek, Durkee Creek, and Alder Creek in Township 11 South, Range 43 East; etc.

2) Above Reservoir, in the area not receiving direct benefit from stored water, a large area (approx 550 acres) along Pine Creek in Township 12 South, Range 37 East, Sections 10, 14, 15, and 23 was included in the final proof survey as receiving water from the North Fork, although it was clearly not included by the application.


Note: There are two perfected rights on the North Fork which deserve special attention with respect to the decision regarding the allowance of the lands mentioned above under this application. Certificate No. 38670 in the name of Eugene Ricco provides for 1.54 cubic foot per second of water from the North Fork for the irrigation of 59.5 acres and the supplemental irrigation of 1.9 acres under a priority of May 23, 1960. Also certificate No. 36955, in the name of V.S. Morin, provides for the use of 3.24 cubic feet per second of water from China Creek (North Fork) for the irrigation of 59.0 acres and supplemental irrigation of 70.6 acres, under a priority of September 25, 1959. These appear to be the only two rights which could be adversely affected by the outcome of this decision.

3) A large amount of land (approx 600 acres) was included in this application which was inundated by the construction of Unity Reservoir. The application map even shows the proposed high water line to be encompassing this area.

4) Below the Reservoir in Township 12 South, Range 37 East, Sections 23-24, a large area above the Cook Ditch was surveyed and included in the tabulation of acreage due to the installation of a pump and new ditch giving this land access to stored water. There are approximately 375 acres involved.

Using strictly a "40" by "40" basis in the determination of allowable lands above the Reservoir, wherein lands were tabulated under this permit only to the extent that they exceeded the established rights to direct flow, the new lands tabulated appear to exceed these established rights by 861.9 acres. Conversely, using the same method, the established rights in the "40"s involved exceed the survey by 980.1 acres. The similarity of these two figures, however, seems to be coincidental.

There is a tremendous amount of land with established rights from Burnt River tributaries in adjacent "40"s not involved in this survey, which were, for reasons unknown, not surveyed in connection with this permit.


STEVE APPLEGATE
Water Rights Engineer

AREA TO BE IRRIGATED

Twp. S.	R. East	Sec.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$			Total	
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW		SE
11	37	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	2.5	5
11	37	31	26	8	12	7	-	-	-	-	-	-	-	-	-	-	2	20	75
11	37	32	-	8	-	-	6.5	2.5	10	4	-	-	20	2	-	-	-	-	53
11	42	31	-	-	-	3	-	-	-	-	-	-	-	-	-	9	3	-	15
11	42	32	-	-	-	-	7	-	1	-	-	-	-	-	-	-	-	-	8
11	42	26	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	0.5	4.5
11	42	25	8	-	14	54	-	-	-	5	0.5	13	15	17	25	20	-	-	151.5
11	43	18	-	-	-	-	-	-	-	5	-	-	-	37	36	28	35	-	141
11	43	19	15.5	-	-	4.5	-	-	-	-	-	-	12	-	-	19	26	-	77
11	43	20	-	-	16	-	23	15	15	20	35	26	30	31	15	34	7	-	267
11	43	28	-	-	-	-	-	-	8	-	17.5	15	36	23	5	31	13.5	-	149
11	43	29	30	39	30	30	38	35	40	40	33	21	-	20	40	10	40	-	446
11	43	30	37	32	21	24	33	30	39	28	-	20	10	26	1.5	-	-	-	301.5
11	43	31	-	-	4	-	33	18	15	21	-	-	-	-	-	-	-	-	91
11	43	32	36	8	-	5	-	-	-	-	-	-	-	-	-	-	-	-	49
11	43	33	33	33	11	6	27	6	-	-	-	-	-	-	-	-	-	-	116
11	43	34	-	-	17	-	2	31	18	33	17	-	-	-	8	25	33	3	187
12	36	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12
12	36	22	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	8
12	36	23	-	-	-	-	-	-	10	8	12	17	13	7	-	-	-	-	67
12	36	24	-	-	13	4	-	-	-	-	-	-	-	-	7	-	-	-	24
12	36	25	-	-	-	-	-	-	-	-	-	-	-	-	20	20	4	26	70
12	36	26	15	7	-	5	-	-	-	-	-	-	-	-	-	-	-	-	27
12	37	4	-	-	-	-	-	-	-	1	10	38	2	-	-	-	-	-	51
12	37	5	-	-	5	-	20	32	-	10	5	-	-	-	6	25	5	11	119
12	37	9	-	-	10	-	4.5	16	-	8.5	-	-	-	-	20	27	-	20	106
12	37	10	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	12
12	37	13	-	-	-	-	9	-	1	5	-	1	-	-	-	-	-	-	16
12	37	15	5	26	11	36	11	-	-	8	-	-	-	32.5	5	-	-	-	134.5
12	37	17	-	-	-	-	-	-	-	2.5	15	5	25	36	-	-	-	-	83.5
12	37	18	-	-	-	-	-	-	-	-	-	26	22	-	-	7	-	-	55
12	37	19	-	17	-	-	40	15	14	36	32	18	2	22	-	35	14	8	253
12	37	20	-	10	30	-	38	32	5	26	-	-	30	30	25	25	27	37	315
12	37	21	-	-	-	-	-	-	-	-	-	-	30	21	-	-	-	-	51

AREA TO BE IRRIGATED

(Cont'd)

Twp.	R.	Sec.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				Total
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
12	40	30	-	-	6	3	-	-	-	-	33	17	-	5	30	17	15	13	139
12	40	34	10	2	-	-	5	3	-	-	-	-	-	5	-	-	-	-	20
12	40	35	11	17.5	-	-	16	10	-	-	-	-	-	-	-	-	-	-	54.5
12	40	36	33	23	10	-	19	9	-	17	-	-	-	-	-	-	-	-	111
12	41	9	-	-	8	1.5	-	-	-	-	-	-	-	-	-	-	-	-	9.5
12	41	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	10	12.5
12	41	20	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	3
12	41	29	-	-	-	-	-	25	36	-	-	33	11	-	-	-	-	-	105
12	41	30	40	32	40	39	2.5	20	10	12	33	25	39	38	38	38	39	39	484.5
12	41	31	22	39	6	-	36	37	-	5	-	-	-	-	-	-	-	-	145
12	42	6	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	3
12	43	2	-	-	-	-	-	-	28	30	15	35	30	10	-	-	-	-	148
12	43	3	-	-	-	33	-	-	-	-	-	-	-	-	-	-	-	-	33
12	43	11	-	-	-	-	5	0.5	-	-	-	-	-	-	-	-	-	-	5.5
12	44	19	-	5	-	-	5	-	-	8.5	-	-	-	-	-	-	-	-	18.5
12	44	30	17	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
12	44	33	-	-	-	-	-	15	20	-	-	8.5	3	-	-	-	-	-	46.5
13	36	1	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	36	48
13	36	11	-	-	-	-	-	-	-	-	-	-	-	-	17	2	-	3.5	22.5
13	36	12	40	6	20	37	-	-	-	-	2.5	24	1	-	21	10	5	38	204.5
13	36	13	14	-	3	11	-	-	-	17.5	36	5	17.5	33	38	7.5	13	9	204.5
13	36	14	-	-	-	-	-	-	-	-	-	-	-	-	13.5	-	-	15	28.5
13	36	23	8	-	-	18	-	-	-	-	2	-	-	25	25	16	6.5	27	127.5
13	36	24	21	40	40	17	30	32	6	33	13	-	4	-	15	15	-	-	266
13	36	25	-	-	-	-	-	20	-	25	32	-	-	34	-	-	-	-	114.5
13	36	26	7	-	-	-	-	1.5	4	-	-	-	-	-	-	-	3.5	-	12.5
13	36	27	15	10	12	12.5	-	-	3	16	-	1	-	-	10	5	5	-	89.5
13	36	36	-	2.5	-	-	6	-	-	-	-	-	-	-	-	-	-	-	8.5
13	37	4	-	-	-	-	31	6.5	16	13	11	16	22	4	-	-	-	-	119.5
13	37	5	-	-	-	-	-	8.5	-	-	-	-	-	-	-	-	-	-	8.5
13	37	6	33	40	15	1	40	37	25	10	-	10	39	15	-	-	-	-	265
13	37	7	-	-	14	-	18	39.7	39.9	38	40	40.1	40.3	40	3.5	27	10	-	350.5
13	37	8	33	16	35	40	-	-	-	-	-	-	-	-	23	-	8.5	30	185.5
13	37	9	4	15	1	34	-	22	8	-	-	-	-	-	33	2	-	40	159
13	37	10	-	-	-	-	-	-	9	-	-	20	33	-	-	-	-	-	62

AREA TO BE IRRIGATED

(Cont'd)

Twp. S.	R. East	Sec.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				Total
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13	37	15	-	-	-	-	9	23	30	10	-	-	-	-	-	-	-	-	72
13	37	16	5	11	7.5	-	10	40	40	29	40	40	40	40	-	-	-	-	302.5
13	37	17	40	23	25	40	-	-	-	-	22	33	11	5	40	25	20	40	324
13	37	18	-	-	-	-	37	26	40	15	35	25	22.5	35	20	6.5	18	-	280
13	37	19	-	-	2	-	18	39.5	38	25	-	25	-	-	-	-	-	-	147.5
13	37	20	16	-	-	-	4	34	16	17.5	25	-	-	-	-	-	-	-	112.5
13	37	21	-	-	-	-	38	30	22	38	27.5	6	20	4	-	-	-	-	185.5
13	37	28	-	-	-	-	-	17.5	7.5	-	-	1	-	-	-	-	-	-	26
13	37	29	22	-	10	17.5	-	-	-	-	12.5	2.5	7.5	8	13.5	10	-	17.5	121
13	37	31	14	-	-	17	-	-	-	-	-	-	-	-	20	-	-	8	59
13	37	32	16	7.5	12	4	17.5	4	20	5	22	14	4	25	-	-	25	-	176
13	44	9	10	11	25	8	-	-	-	-	-	-	-	-	-	20	6	-	80
13	44	15	-	-	-	-	-	1.5	2.5	-	-	-	-	-	-	-	-	-	4
13	44	16	15	17	5	-	-	-	-	-	-	-	-	-	-	-	-	-	37
13	44	22	-	-	16	2	-	-	-	-	-	-	-	-	2	5	-	-	25
13	44	27	-	-	-	2	-	-	-	-	-	-	-	-	4	-	-	-	6
13	44	34	-	-	-	-	-	-	-	-	-	-	-	1.5	-	-	-	7.5	9
14	37	4	-	-	-	-	-	-	-	-	-	10	1.5	-	-	-	-	-	11.5
14	37	5	-	-	-	-	-	-	-	-	-	12.5	14	-	-	-	-	-	26.5
14	37	6	-	-	-	-	-	-	-	-	-	-	-	-	7.5	1.5	1.5	22	32.5
14	44	2	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	3
14	44	11	-	1	-	9	3	-	-	-	-	-	-	-	15	-	-	5	33
14	44	12	-	-	-	-	-	-	-	-	-	11	23	8	-	-	-	-	42
Grand Total																		16,801	

Name of Ditch	Originates in				Terminates in			
	Subdi- vision	Sec.	Twp. S.	R. E/M	Subdi- vision	Sec.	Twp. S.	R. E/M
Ayers No. 1	NW NE	19	12	44	NW NE	19	12	44
Ayers No. 2	NE NW	19	12	44	SE NW	19	12	44
Ayers No. 3	SE NW	19	12	44	SE NW	19	12	44
Ayers No. 4	SW NW	19	12	44	SE NW	19	12	44
Banks	NW SE	26	11	42	SE NE	33	11	43
Barnett & King	SW NW	30	11	37	NE NE	31	11	37
Beaver Dam	NE SW	19	12	38	SW SE	19	12	38
Big Flat	SE NW	5	12	37	NE SE	15	12	37
Big Slough	SE SW	17	12	37	SE NW	20	12	37
Binder	SE SW	2	14	44	NW NE	11	14	44
Boswell	SE SW	20	13	37	NW NW	20	13	37
Brennan (See Old Reed)								
Burnt River	NE SW	6	12	42	NW SE	31	11	42
Cantonwine (Wendt)	SW SW	27	12	40	SW SW	20	12	41
Cantrell	NW SE	22	13	44	NE SE	27	13	44
Carlile & Shanklin	SW NE	23	13	36	NE SW	13	13	36
Carlile Lateral from Gavin	SE NE	23	13	36	NE NW	24	13	36
Gavin	SE NW	27	13	36	NE NW	19	13	37
Gavin	NW SW	19	13	37	SW NE	19	13	37
Gavin, Sam	NE SW	24	13	36	SE NW	24	13	36
Chambeam (Shambeam)	SW SW	25	11	42	NW NW	20	11	43
Chambeam (See Hucker Extension)								
Clarks Creek	SE SW	20	12	38	NW NW	31	12	39
Cleary	NE SW	30	12	39	NE SW	27	12	39
Clement	NW SW	30	12	40	SW NW	25	12	40
Colt & Ware	SE NE	26	12	37	NE SW	30	12	38
Cook	SE NE	26	12	37	NE SW	19	12	38
Cook & Colt	SE NW	25	12	37	SE NE	25	12	37
Cottonwood (Middle & Lower)	SE NW	13	12	37	NE SW	13	12	37
Cottonwood (Upper)	SE NW	12	12	37	SE NW	13	12	37
Curop	SW NW	6	13	37	NW SW	28	12	37
Dark Canyon	SE NW	9	12	41	SE NE	9	12	41
Dearinger, Penrod and Wicks	SE NW	9	12	37	SW SW	10	12	37
Dresher	NW SE	29	12	37	SE SW	20	12	37
Drislane Job Creek	NW SW	4	13	37	SE NW	33	12	37
Drislane Upper	NE NW	32	12	37	NE SW	29	12	37
Drislane Lower	SW SE	29	12	37	NE NW	28	12	37
Durbin	SE SW	12	14	44	SE SW	12	14	44
Durbin (See Old Durbin)								
Durkee - Pritchard	NW NE	29	11	43	SE NE	29	11	43
Dry Gulch (See Moura No. 1)								
East Side	SW SE	12	13	36	NE NE	12	13	36
East Side (See Moura No. 9)								
Eldorado	SW NE	23	13	35	SE NW	20	14	38
Elliott	SE SW	8	12	37	NE SE	20	12	37

Name of Ditch	Originates in				Terminates in			
	Subdi- vision	Sec.	Twp. S.	R. E.M.	Subdi- vision	Sec.	Twp. S.	R. E.M.
Elliott	SE $\frac{1}{2}$ SE $\frac{1}{4}$	25	12	38	SE $\frac{1}{2}$ SW $\frac{1}{4}$	21	12	39
Elliott, Norman	SE $\frac{1}{2}$ NE $\frac{1}{4}$	28	12	40	SE $\frac{1}{2}$ SE $\frac{1}{4}$	19	12	41
Elliott, Otis	NW $\frac{1}{2}$ SE $\frac{1}{4}$	32	12	39	SW $\frac{1}{2}$ NW $\frac{1}{4}$	32	12	39
Elliott, Johanna	NW $\frac{1}{2}$ NE $\frac{1}{4}$	6	13	39	SW $\frac{1}{2}$ SE $\frac{1}{4}$	31	12	39
Elliott No. 1	NE $\frac{1}{2}$ NE $\frac{1}{4}$	19	12	37	SE $\frac{1}{2}$ NW $\frac{1}{4}$	20	12	37
Elliott No. 2	NE $\frac{1}{2}$ SE $\frac{1}{4}$	18	12	37	NE $\frac{1}{2}$ NE $\frac{1}{4}$	19	12	37
Elms & Campbell	NW $\frac{1}{2}$ NE $\frac{1}{4}$	23	13	36	NW $\frac{1}{2}$ NE $\frac{1}{4}$	9	13	37
Fleetwood, James M.	NW $\frac{1}{2}$ NW $\frac{1}{4}$	27	12	37	SE $\frac{1}{2}$ SW $\frac{1}{4}$	23	12	37
Fox (See Hartzell)								
Fulbright	SE $\frac{1}{2}$ NE $\frac{1}{4}$	31	11	42	NE $\frac{1}{2}$ NW $\frac{1}{4}$	32	11	42
Hardman	NW $\frac{1}{2}$ SE $\frac{1}{4}$	27	13	36	NE $\frac{1}{2}$ NE $\frac{1}{4}$	27	13	36
Hardman	NW $\frac{1}{2}$ SW $\frac{1}{4}$	27	13	36	SE $\frac{1}{2}$ NW $\frac{1}{4}$	27	13	36
Hardman, Ben	NW $\frac{1}{2}$ SE $\frac{1}{4}$	31	11	37	SW $\frac{1}{2}$ SW $\frac{1}{4}$	32	11	37
Hardman (See King & Hardman)								
Hartzell (Fox)	NW $\frac{1}{2}$ SE $\frac{1}{4}$	12	13	36	NW $\frac{1}{2}$ NE $\frac{1}{4}$	12	13	36
Hereford	NE $\frac{1}{2}$ NE $\frac{1}{4}$	30	12	38	NW $\frac{1}{2}$ SE $\frac{1}{4}$	25	12	38
Hindman & Culbertson	SW $\frac{1}{2}$ SW $\frac{1}{4}$	21	11	43	SE $\frac{1}{2}$ SE $\frac{1}{4}$	20	11	43
Hindman & Alameda (See Jarvis)								
High Line	NW $\frac{1}{2}$ NW $\frac{1}{4}$	27	12	37	SE $\frac{1}{2}$ SE $\frac{1}{4}$	25	12	37
Hill (See Moura No. 5 & No. 7)								
Hooker & Pritchard	SE $\frac{1}{2}$ SW $\frac{1}{4}$	17	11	43	SE $\frac{1}{2}$ NE $\frac{1}{4}$	29	11	43
Hucker	NE $\frac{1}{2}$ NW $\frac{1}{4}$	20	11	43	NW $\frac{1}{2}$ SW $\frac{1}{4}$	20	11	43
Hucker Extension of Charbeam	SW $\frac{1}{2}$ NW $\frac{1}{4}$	20	11	43	SE $\frac{1}{2}$ NW $\frac{1}{4}$	20	11	43
Independence & Deer Creek	NW $\frac{1}{2}$ NE $\frac{1}{4}$	32	12	39	NW $\frac{1}{2}$ NW $\frac{1}{4}$	28	12	39
Indian Creek	NE $\frac{1}{2}$ SW $\frac{1}{4}$	26	12	39	NW $\frac{1}{2}$ SE $\frac{1}{4}$	26	12	39
Jarvis (See Hucker)								
Jarvis Pritchard (See Hucker)								
Jarvis (Hindman & Alameda)	NE $\frac{1}{2}$ NW $\frac{1}{4}$	30	11	43	SW $\frac{1}{2}$ SW $\frac{1}{4}$	20	11	43
Jett	SW $\frac{1}{2}$ NE $\frac{1}{4}$	22	13	44	NE $\frac{1}{2}$ SE $\frac{1}{4}$	22	13	44
Job Creek	SW $\frac{1}{2}$ NE $\frac{1}{4}$	33	12	37	NW $\frac{1}{2}$ SE $\frac{1}{4}$	28	12	37
Job Creek (See Drislane)								
Jordan Creek	NW $\frac{1}{2}$ SW $\frac{1}{4}$	33	12	44	SW $\frac{1}{2}$ SW $\frac{1}{4}$	33	12	44
King, L. D.	SW $\frac{1}{2}$ SE $\frac{1}{4}$	29	11	37	SE $\frac{1}{2}$ NE $\frac{1}{4}$	31	11	37
King & Hardman	SW $\frac{1}{2}$ NW $\frac{1}{4}$	30	11	37	SW $\frac{1}{2}$ SE $\frac{1}{4}$	5	12	37
Koontz Creek	NW $\frac{1}{2}$ SW $\frac{1}{4}$	29	12	40	SE $\frac{1}{2}$ NW $\frac{1}{4}$	29	12	40
Lancaster	SW $\frac{1}{2}$ NE $\frac{1}{4}$	32	13	37	SE $\frac{1}{2}$ SE $\frac{1}{4}$	29	13	37
Lancaster	SW $\frac{1}{2}$ NW $\frac{1}{4}$	27	13	36	NE $\frac{1}{2}$ SE $\frac{1}{4}$	18	13	37
Langley, George	NW $\frac{1}{2}$ NW $\frac{1}{4}$	16	13	44	NW $\frac{1}{2}$ NW $\frac{1}{4}$	15	13	44
Langley	NW $\frac{1}{2}$ SE $\frac{1}{4}$	34	13	44	SE $\frac{1}{2}$ SE $\frac{1}{4}$	34	13	44
Little (See Whited, Wham Whited)								
Lower (See Cottonwood, Whited and Barnes, Wham Whited)								
Majors (Out of District)								
Mann	NW $\frac{1}{2}$ SE $\frac{1}{4}$	11	13	36	NE $\frac{1}{2}$ SW $\frac{1}{4}$	12	13	36

Name of Ditch	Originates in				Terminates in			
	Subdi- vision	Sec.	Twp. S.	R. E.M.	Subdi- vision	Sec.	Twp. S.	R. E.M.
Mc Pherson	SW-NE	29	12	40	NE-NE	35	12	40
Meadow	SW-SE	20	12	38	SW-NE	28	12	38
Meyer & Glenn	SW-NW	30	11	43	SW-SE	20	11	43
Meyer Glenn Powers	NE-NW	30	11	43	NE-NE	30	11	43
Middle (See Cottonwood)								
Mill (See Old Mill)								
Mill Gulch	NW-NE	29	12	40	NE-NW	29	12	40
Mitchell	SW-SW	29	12	38	NW-SW	29	12	38
Moore No. 1	SW-NW	18	11	43	SW-NE	18	11	43
Moore No. 2	NE-SW	18	11	43	SE-NE	19	11	43
Moore No. 3	NE-SE	18	11	43	SE-SE	18	11	43
Moore No. 4	NE-SE	18	11	43	NE-SE	18	11	43
Moore No. 5	SW-NW	18	11	43	SW-SE	18	11	43
Moore No. 6	SE-NW	18	11	43	NW-SE	18	11	43
Moore No. 7	SE-SE	18	11	43	NE-NW	20	11	43
Moore No. 2 & 8	SE-SE	7	11	43	SE-NE	19	11	43
Moore No. 8	SE-SE	7	11	43	NW-SE	18	11	43
Moore, Milton No. 1	SW-NE	29	11	43	SE-SE	34	11	43
Morfitt No. 1	NE-SE	29	13	37	SW-NE	21	13	37
Morfitt No. 2	NE-NE	29	13	37	NE-SW	21	13	37
Morgenson	SW-NE	30	12	37	SE-SE	19	12	37
Moura No. 1	NE-SW	31	11	43	SE-SW	30	11	43
Moura No. 5	NW-SW	31	11	43	NW-NW	31	11	43
Moura No. 7	SE-SW	31	11	43	NW-SW	31	11	43
Moura No. 9	SE-NW	31	11	43	NW-SW	30	11	43
Nickum, Swayze & Smith	NW-SE	35	11	43	SE-SW	2	12	43
Old Durbin	NW-NE	11	14	44	SW-SW	12	14	44
Old Mill	NW-SW	25	12	39	NW-SW	28	12	40
Old Packwood	NW-SE	25	12	37	NE-SE	28	12	38
Old Reed (Mining Ditch not located in District)								
Packwood (See Old Packwood)								
Packwood	NW-SW	29	12	38	SW-NW	29	12	38
Perrault	NW-NE	36	13	36	SE-NW	25	13	36
Pine	NW-SE	27	12	39	NE-SE	27	12	39
Pine Creek	NW-NW	25	12	37	SW-NW	25	12	37
Pole Gulch	NE-SW	1	13	40	SE-NW	36	12	40
Powell (Out of District)								
Powell, Lyman	SE-NE	12	13	36	NE-SE	1	13	36
Powell Hill	SW-SE	12	13	36	NW-SW	6	13	37
Powell, La Porte	SE-SE	14	13	36	SE-NW	7	13	37
Powers	SW-NE	25	11	42	SW-NE	25	11	42
Quartz	NW-NW	33	12	44	NW-NW	33	12	44
Rail (Abandoned)								
Redtop (See Shaw No. 3)								
Reed (See Old Reed)								

Name of Ditch	Originates in				Terminates in			
	Subdi- vision	Sec.	Twp. S.	R. EWM	Subdi- vision	Sec.	Twp. S.	R. EWM
Reed	SE $\frac{1}{2}$ SW $\frac{1}{4}$	21	12	39	SW $\frac{1}{4}$ NW $\frac{1}{4}$	27	12	39
Reed & Elliott (See Cleary)								
Reed Creek	NE $\frac{1}{2}$ SW $\frac{1}{4}$	27	12	39	NW $\frac{1}{2}$ SE $\frac{1}{4}$	27	12	39
Rock Creek	SW $\frac{1}{2}$ SW $\frac{1}{4}$	26	12	38	NW $\frac{1}{2}$ SE $\frac{1}{4}$	26	12	38
Rouse No. 1	SE $\frac{1}{2}$ NW $\frac{1}{4}$	25	13	36	NE $\frac{1}{2}$ SE $\frac{1}{4}$	23	13	36
Rouse No. 2	NW $\frac{1}{2}$ NW $\frac{1}{4}$	25	13	36	SE $\frac{1}{2}$ SE $\frac{1}{4}$	23	13	36
Schroll	SW $\frac{1}{2}$ NW $\frac{1}{4}$	27	12	40	NE $\frac{1}{2}$ SE $\frac{1}{4}$	26	12	40
Seton	SW $\frac{1}{2}$ SW $\frac{1}{4}$	32	12	38	NE $\frac{1}{2}$ SW $\frac{1}{4}$	29	12	38
Shanklin	NW $\frac{1}{2}$ SE $\frac{1}{4}$	27	13	36	NE $\frac{1}{2}$ SE $\frac{1}{4}$	27	13	36
Shaw No. 1	NE $\frac{1}{2}$ NW $\frac{1}{4}$	24	12	36	SW $\frac{1}{2}$ NE $\frac{1}{4}$	24	12	36
Shaw No. 2	NW $\frac{1}{2}$ SW $\frac{1}{4}$	19	12	37	NW $\frac{1}{2}$ SE $\frac{1}{4}$	19	12	37
Shaw No. 3	NE $\frac{1}{2}$ NW $\frac{1}{4}$	24	12	36	NW $\frac{1}{2}$ SE $\frac{1}{4}$	19	12	37
Shaw No. 5	SE $\frac{1}{2}$ NE $\frac{1}{4}$	23	12	36	SE $\frac{1}{2}$ SE $\frac{1}{4}$	24	12	36
Shook	NW $\frac{1}{2}$ NE $\frac{1}{4}$	33	11	43	SE $\frac{1}{2}$ NW $\frac{1}{4}$	34	11	43
Sisley	NE $\frac{1}{2}$ NE $\frac{1}{4}$	30	12	44	NW $\frac{1}{2}$ NE $\frac{1}{4}$	30	12	44
Sisley (Out of District)								
Sisley (Out of District)								
South Side	SW $\frac{1}{2}$ NE $\frac{1}{4}$	23	12	39	NW $\frac{1}{2}$ SW $\frac{1}{4}$	27	12	39
Storie	SE $\frac{1}{2}$ SE $\frac{1}{4}$	7	13	44	NW $\frac{1}{2}$ NE $\frac{1}{4}$	9	13	44
Swamp	NW $\frac{1}{2}$ NE $\frac{1}{4}$	24	13	36	SE $\frac{1}{2}$ NE $\frac{1}{4}$	13	13	36
Thompson, Carrie	NE $\frac{1}{2}$ NE $\frac{1}{4}$	25	12	38	SE $\frac{1}{2}$ NE $\frac{1}{4}$	25	12	36
Thompson, Maggie (Out of District)								
Thompson, Cow Creek	NW $\frac{1}{2}$ SW $\frac{1}{4}$	19	12	39	SW $\frac{1}{2}$ NE $\frac{1}{4}$	25	12	38
Thompson No. 4	SE $\frac{1}{2}$ NE $\frac{1}{4}$	24	12	36	NW $\frac{1}{2}$ SE $\frac{1}{4}$	19	12	37
Thompson	NW $\frac{1}{2}$ SE $\frac{1}{4}$	13	12	36	NW $\frac{1}{2}$ NE $\frac{1}{4}$	19	12	37
Tiger	SW $\frac{1}{2}$ SE $\frac{1}{4}$	12	13	36	SW $\frac{1}{2}$ NE $\frac{1}{4}$	31	12	37
Trimble (Out of District)								
True Blue (Out of District)								
Unnamed	NW $\frac{1}{2}$ SW $\frac{1}{4}$	31	11	43	NW $\frac{1}{2}$ SW $\frac{1}{4}$	30	11	43
Upper (See Cottonwood, Wham Whited)								
Ware & Fleetwood (See Colt and Ware)								
Ware & Watkins (See Whited and Barnes 'Upper')								
Wendt	SE $\frac{1}{2}$ NW $\frac{1}{4}$	31	12	41	SW $\frac{1}{2}$ NE $\frac{1}{4}$	31	12	41
Wendt No. 1	NE $\frac{1}{2}$ SE $\frac{1}{4}$	24	12	40	NE $\frac{1}{2}$ NE $\frac{1}{4}$	25	12	40
Wendt No. 2	NW $\frac{1}{2}$ NW $\frac{1}{4}$	30	12	41	NE $\frac{1}{2}$ SW $\frac{1}{4}$	30	12	41
Wendt No. 3	NW $\frac{1}{2}$ NW $\frac{1}{4}$	30	12	41	SW $\frac{1}{2}$ NW $\frac{1}{4}$	30	12	41
Wendt No. 4	NW $\frac{1}{2}$ NW $\frac{1}{4}$	30	12	41	NW $\frac{1}{2}$ NW $\frac{1}{4}$	30	12	41
Wendt No. 5	NE $\frac{1}{2}$ SE $\frac{1}{4}$	24	12	40	NW $\frac{1}{2}$ NW $\frac{1}{4}$	30	12	41
Wendt	NE $\frac{1}{2}$ SE $\frac{1}{4}$	26	12	40	SW $\frac{1}{2}$ SW $\frac{1}{4}$	30	12	41
Wendt (See Cantonwine)								
Weatherby	NW $\frac{1}{2}$ NW $\frac{1}{4}$	29	12	44	NE $\frac{1}{2}$ NE $\frac{1}{4}$	30	12	44
Wham	SW $\frac{1}{2}$ NE $\frac{1}{4}$	32	13	37	SE $\frac{1}{2}$ NE $\frac{1}{4}$	32	13	37
Wham Whited Upper	NE $\frac{1}{2}$ SE $\frac{1}{4}$	1	13	36	NE $\frac{1}{2}$ NW $\frac{1}{4}$	29	12	37
Wham Whited Lower (Little Wham Whited)	SE $\frac{1}{2}$ SE $\frac{1}{4}$	31	12	37	SW $\frac{1}{2}$ NW $\frac{1}{4}$	32	12	37

Name of Ditch	Originates in				Terminates in			
	Subdi- vision	Sec.	Twp. S.	R. EWM	Subdi- vision	Sec.	Twp. S.	R. EWM
Whited Middle Fork	SW $\frac{1}{4}$ SW $\frac{1}{4}$	22	12	36	SE $\frac{1}{4}$ SE $\frac{1}{4}$	22	12	36
Whited, George	NE $\frac{1}{4}$ SW $\frac{1}{4}$	23	12	36	NE $\frac{1}{4}$ NE $\frac{1}{4}$	26	12	36
Whited, Little George	NE $\frac{1}{4}$ SW $\frac{1}{4}$	22	12	36	SE $\frac{1}{4}$ NW $\frac{1}{4}$	23	12	36
Whited & Barnes (Lower)	NW $\frac{1}{4}$ NW $\frac{1}{4}$	32	12	38	NE $\frac{1}{4}$ SE $\frac{1}{4}$	30	12	38
Whited & Barnes (Upper)	SE $\frac{1}{4}$ SE $\frac{1}{4}$	31	12	38	NE $\frac{1}{4}$ SE $\frac{1}{4}$	30	12	38
Wicks No. 1	NW $\frac{1}{4}$ NE $\frac{1}{4}$	30	12	40	NW $\frac{1}{4}$ SE $\frac{1}{4}$	30	12	40
Wicks No. 2	NW $\frac{1}{4}$ SE $\frac{1}{4}$	30	12	40	NW $\frac{1}{4}$ SE $\frac{1}{4}$	30	12	40
Wicks No. 3	NW $\frac{1}{4}$ SE $\frac{1}{4}$	30	12	40	NW $\frac{1}{4}$ SE $\frac{1}{4}$	30	12	40
Wood Gulch	SE $\frac{1}{4}$ NE $\frac{1}{4}$	20	12	38	SE $\frac{1}{4}$ SE $\frac{1}{4}$	20	12	38