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MAY 1 1969
STATE ENGINEER
Klamath Division

CERTIFICATE NO. 52060

Permit No. G- 4578

APPLICATION FOR A PERMIT

CERTIFICATE NO. ~~42933~~

To Appropriate the Ground Waters of the State of Oregon

We, O'Connor Livestock Company (Name of applicant)
of Rt. 1, Box 868, Klamath Falls (Postoffice Address), county of Klamath
state of Oregon 97601, do hereby make application for a permit to appropriate the following described ground waters of the state of Oregon, **SUBJECT TO EXISTING RIGHTS:**

If the applicant is a corporation, give date and place of incorporation
December 20, 1957 in the State of Oregon

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated Lost River (Name of stream)
tributary of Tule Lake

2. The amount of water which the applicant intends to apply to beneficial use is 6.77 cubic feet per second or _____ gallons per minute.

3. The use to which the water is to be applied is Irrigation

4. The well or other source is located _____ ft. (N. or S.) and _____ ft. (E. or W.) from the corner of S 84° 59' W - 799.1 feet from the Northeast Corner of (Section or subdivision)
Section 12, T. 41 S., R. 9 E., W. M. (If preferable, give distance and bearing to section corner)

(If there is more than one well, each must be described. Use separate sheet if necessary)
being within the NE 1/4 - NE 1/4 of Sec. 12, Twp. 41 S., R. 9 E., W. M., in the county of Klamath

5. The See Attached List (Canal or pipe line) to be _____ miles in length, terminating in the _____ of Sec. _____, Twp. _____, R. _____, W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Well No. 2

DESCRIPTION OF WORKS

7. If the flow to be utilized is artesian, the works to be used for the control and conservation of the supply when not in use must be described.

8. The development will consist of 1 well (Give number of wells, tunnels, etc.) having a diameter of 16 inches and an estimated depth of 888 feet. It is estimated that 40 feet of the well will require 16" x 0.250 steel casing. Depth to water table is estimated 140 (Feet)

9. (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.

See answer to Question No. 5
 (c) Length of pipe, ft.; size at intake in.; in size at ft. from intake in.; size at place of use in.; difference in elevation between intake and place of use, to ~~+112 ft.~~ ~~..... ft.~~ Is grade uniform? Variable Estimated capacity, from well sec. ft.: 12" = 6 c.f.s.; 10" = 4½ c.f.s.; 8" = 3 c.f.s.; & 6" = 1.5 c.f.s.

10. If pumps are to be used, give size and type 12" Deep Well Turbine with 100 H.P. Electric Motor; 2 - 8" and 1 - 6" Centrifugal Booster Pumps each with 40 H.P. Electric Motors.
 Give horsepower and type of motor or engine to be used ...see above.....

11. If the location of the well, tunnel, or other development work is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development
 Not Applicable

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

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
See Attached List				= 541.6 Acres

(If more space required, attach separate sheet)

Character of soil Sandy Loam
 Kind of crops raised Cereals, Legumes, Row Crops, and Pasture Grasses.....

MUNICIPAL SUPPLY—

13. To supply the city of
in county, having a present population of
and an estimated population of in 19.....

ANSWER QUESTIONS 14, 15, 16, 17 AND 18 IN ALL CASES

- 14. Estimated cost of proposed works, \$ 55,000
- 15. Construction work will begin on or before Well already drilled
- 16. Construction work will be completed on or before October 1, 1972
- 17. The water will be completely applied to the proposed use on or before October 1, 1973

18. If the ground water supply is supplemental to an existing water supply, identify any application for permit, permit, certificate or adjudicated right to appropriate water, made or held by the applicant.

Remarks:

O'CONNOR LIVESTOCK COMPANY

(Signature of applicant)

By: Jack M O'Connor
Jack M. O'Connor, Secretary

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, 19.....

WITNESS my hand this day of, 19.....

STATE ENGINEER

By

ASSISTANT

Additional Data to be attached to and made a part of the Application of the O'Connor Livestock Company to Appropriate the Ground Waters of the State of Oregon.

Application Question No. 5 - Pipe Lines:

<u>Buried Main Line</u>	<u>Total Length</u>	<u>Pipe Sizes</u>	<u>Location of Terminus</u>
No. 1	2100 ft.	1260 l.f. of 12" & 840 l.f. of 8"	NW $\frac{1}{4}$ -NW $\frac{1}{4}$ of Sec. 7, T.41 S., R.10 E., W.M.
No. 2	2500 ft.	1300 l.f. of 8" & 1200 l.f. of 6"	NW $\frac{1}{4}$ -SW $\frac{1}{4}$ of Sec. 6, T.41 S., R.10 E., W.M.
No. 3	1150 ft.	1150 l.f. of 8"	NW $\frac{1}{4}$ -NE $\frac{1}{4}$ of Sec. 12, T.41 S., R.9 E., W.M.
No. 4	5470 ft.	1090 l.f. of 12", 1600 l.f. of 10", & 2780 l.f. of 8"	NE $\frac{1}{4}$ -NW $\frac{1}{4}$ of Sec. 1, T.41 S., R.9 E., W.M.
No. 5	2100 ft.	2100 l.f. of 6"	NE $\frac{1}{4}$ -SE $\frac{1}{4}$ of Sec. 1, T.41 S., R.9 E., W.M.

Application Question No. 12 - Place of Use:

<u>Township</u>	<u>Section</u>	<u>Subdivision</u>	<u>Area to be Irrigated</u>
T.40 S., R.9 E., W.M.	36	SW $\frac{1}{4}$ -SW $\frac{1}{4}$	3.1 Acres
		SE $\frac{1}{4}$ -SW $\frac{1}{4}$	22.8
		SW $\frac{1}{4}$ -SE $\frac{1}{4}$	10.6
T.41 S., R.9 E., W.M.	1	NE $\frac{1}{4}$ -NE $\frac{1}{4}$	3.7
		NW $\frac{1}{4}$ -NE $\frac{1}{4}$	31.6
		SW $\frac{1}{4}$ -NE $\frac{1}{4}$	38.6
		SE $\frac{1}{4}$ -NE $\frac{1}{4}$	33.4
		NE $\frac{1}{4}$ -NW $\frac{1}{4}$	40.0
		NW $\frac{1}{4}$ -NW $\frac{1}{4}$	8.4
		SW $\frac{1}{4}$ -NW $\frac{1}{4}$	3.5
		SE $\frac{1}{4}$ -NW $\frac{1}{4}$	32.5
		NE $\frac{1}{4}$ -SW $\frac{1}{4}$	9.6
		SE $\frac{1}{4}$ -SW $\frac{1}{4}$	17.8
		NE $\frac{1}{4}$ -SE $\frac{1}{4}$	35.9
		NW $\frac{1}{4}$ -SE $\frac{1}{4}$	8.1
		SW $\frac{1}{4}$ -SE $\frac{1}{4}$	32.6
		SE $\frac{1}{4}$ -SE $\frac{1}{4}$	39.8
		12	
NW $\frac{1}{4}$ -NE $\frac{1}{4}$	20.6		
SE $\frac{1}{4}$ -NE $\frac{1}{4}$	7.1		

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<u>Township</u>	<u>Section</u>	<u>Subdivision</u>	<u>Area to be Irrigated</u>
T.41 S., R.10 E., W.M.	6	SW $\frac{1}{4}$ -NW $\frac{1}{4}$	4.2
		NE $\frac{1}{4}$ -SW $\frac{1}{4}$	1.6
		NW $\frac{1}{4}$ -SW $\frac{1}{4}$	30.0
		SW $\frac{1}{4}$ -SW $\frac{1}{4}$	34.5
		SE $\frac{1}{4}$ -SW $\frac{1}{4}$	1.4
	7	NW $\frac{1}{4}$ -NW $\frac{1}{4}$	20.0
		SW $\frac{1}{4}$ -NW $\frac{1}{4}$	10.8

541.6 Acres ✓

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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 EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 6.77 cubic feet per second measured at the point of diversion from the well or source of appropriation, or its equivalent in case of rotation with other water users, from a well

The use to which this water is to be applied is irrigation

If for irrigation, this appropriation shall be limited to 1/80 of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3 acre feet per acre for each acre irrigated during the irrigation season of each year;

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The priority date of this permit is May 1, 1969

Actual construction work shall begin on or before February 2, 1971 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1971

Complete application of the water to the proposed use shall be made on or before October 1, 1972.

WITNESS my hand this 2nd day of February, 1970.

Chris L. Wheeler
STATE ENGINEER

pc
Application No. G-4861
Permit No. G-4578

PERMIT
TO APPROPRIATE THE GROUND
WATERS OF THE STATE
OF OREGON

This instrument was first received in the
office of the State Engineer at Salem, Oregon,
on the 1st day of May,
1969, at 1:00 o'clock P. M.

Returned to applicant:

Approved:
February 2, 1970

Recorded in book No. of
Ground Water Permits on page G 4578
CHRIS L. WHEELER
STATE ENGINEER
Drainage Basin No. 14 page 57

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