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STATE ENGINEER
SALEM, OREGON

CERTIFICATE NO. 57115

Permit No. G-4841

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, L. F. Brogan

(Name of applicant)

of Sisters, county of Deschutes

(Postoffice Address)

state of Oregon 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

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated Squaw Creek

(Name of stream)

tributary of Deschutes River

2. The amount of water which the applicant intends to apply to beneficial use is cubic feet per second or 1000 gallons per minute.

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

4. The well or other source is located 310 ft. S and 136 ft. E from the NW corner of Sections 10-11-14-15 of Tp. 15 S. R. 10 E. W.M.

(N. or S.)

(E. or W.)

(Section or subdivision)

(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 NW 1/4 NW 1/4 of Sec. 14, Twp. 15 S., R. 10 E. W. M., in the county of Deschutes

5. The pipe line to be 2 miles in length, terminating in the NW 1/4 NW 1/4 - Sec. 14 of Sec. 10, Twp. 15 S. R. 10, W. M., the proposed location being shown throughout on the accompanying map.

(Canal or pipe line)

NW 1/4 NW 1/4 - Sec. 14

6. The name of the well or other works is Brogan Well

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 One well having a diameter of inches and an estimated depth of 160 feet. It is estimated that feet of the well will require casing. Depth to water table is estimated 146

(Give number of wells, tunnels, etc.)

(Kind)

(Feet)

CANAL SYSTEM OR PIPE LINE— 1000 ft. of 8" balance 6"

G 4841

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.

(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, ft. Is grade uniform? Estimated capacity, 2.25 sec. ft.

10. If pumps are to be used, give size and type 100 H.P. Electric

Give horsepower and type of motor or engine to be used 100 H.P. Electric

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

Squaw Creek is 1/2 mile North.

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	
15 NS	10 E.	10	NE 1/4 SE 1/4	16	
			SE 1/4 SE 1/4	33	
		15	NE 1/4 NE 1/4	15	64
<u>Supplemental</u>		15	NE 1/4 NE 1/4	22	
			NW 1/4 NE 1/4	38	
		14	NE 1/4 NE 1/4	38	
			NW 1/4 NE 1/4	38	
			SW 1/4 NE 1/4	40	
			SE 1/4 NE 1/4	40	
			NE 1/4 NW 1/4	1 1/2	
			NW 1/4 NW 1/4	18.1	
			SW 1/4 NW 1/4	28	
	SE 1/4 NW 1/4	3.3			
		10	SE 1/4 SE 1/4	1.5	268.4
				Total	332.4

(If more space required, attach separate sheet)

Character of soil volcanic loam

Kind of crops raised alfalfa and pasture

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, \$.....35,000.00...
- 15. Construction work will begin on or beforewell is drilled and tested and part of land irrigated under permit
- 16. Construction work will be completed on or before July 1973.....
- 17. The water will be completely applied to the proposed use on or before July 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. Transfer from Hammond NO. 144 - Rodman Cert. # 861

..... Cloverdale Irrigation Co. # 268 and # 855

W F Bryan
(Signature of applicant)

Remarks: The land in Section 15 has a 1900 water right and will get a fair supply from Squaw Creek, will probably need one or possibly two irrigations. The land in Section 14 has a water right of 1903-4. Probably get one good irrigation from Squaw Creek but will need about 3 irrigations. This land can be divided up in 4 different areas and be irrigated one at a time. In as much as it costs \$100 a month for the pump even if it isnt used I have to keep the pump running to make it pay.
LEB.

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 correction

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before ~~May 17th~~ May 24th, 19~~71~~71

WITNESS my hand this ~~15th~~ 24th day of ~~March~~ March

RECEIVED MAR 21 1971
STATE ENGINEER SALEM, OREGON
RECEIVED MAR 19 1971
STATE ENGINEER SALEM, OREGON

RECEIVED APR 1 1971
STATE ENGINEER SALEM, OREGON
CHRIS L. WHEELER STATE ENGINEER
Larry W. Jebousek
Larry W. Jebousek ASSISTANT

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 2.2 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 and supplemental 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; provided further that the right allowed herein shall be limited to any deficiency in the available supply of any prior right existing for the same land and shall not exceed the limitation allowed herein,

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 August 25, 1970

Actual construction work shall begin on or before May 26, 1972 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1972

Complete application of the water to the proposed use shall be made on or before October 1, 1973.

WITNESS my hand this 26th day of May, 1971

Chris L. Wheeler
STATE ENGINEER

Application No. G-529
Permit No. G-4841

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 25th day of August, 1970, at 10:36 o'clock A. M.

Returned to applicant:

Approved: May 26, 1971

Recorded in book No. of Ground Water Permits on page G-4841

CHRIS L. WHEELER
STATE ENGINEER
Drainage Basin No. 5 page 46

Fees 42.05