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MAR 11 1969

STATE ENGINEER
SALEM, OREGON

CERTIFICATE NO. 42502

Permit No. G-4552

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

We, David S. and Marion M. Moore
(Name of applicant)
of Star Route, Dairy
(Postoffice Address), county of Klamath
state of Oregon 97625, 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 Lost River
(Name of stream)

tributary of Tule Lake

2. The amount of water which the applicant intends to apply to beneficial use is 9.11 cubic feet per second or gallons per minute. (0.32 c.f.s. from Well #1, 2.62 c.f.s. from Well #3, and 6.17 c.f.s. from Well #4)

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

4. The well or other source is located ft. and ft. from the corner of Well #1 = N 19° 26' W - 301.7 ft. and Well #3 = N 43° 45' W - 1674.1 ft. both from the Southeast Corner of Sec. 30, T.38 S., R.11½ E., W.M.
(Section or subdivision)

(If preferable, give distance and bearing to section corner)
Well #4 = N 31° 29' E-1347.5 ft. from the Southwest Cor of Sec 20, T.38 S., R.11½ E., W.M.
(If there is more than one well, each must be described. Use separate sheet if necessary)

being within the #1 & #3 = SE¼-SE¼ of Sec. 30, Twp. 38 S., R. 11½ E., #4 = SW¼-SW¼ of Sec. 20, Twp. 38 S., R. 11½ E., W. M., in the county of Klamath

5. The Main Ditch to be 1.1 miles in length, terminating in the SE¼-NE¼ of Sec. 30, Twp. 38 S., R. 11½ E., W. M., the proposed location being shown throughout on the accompanying map.
(Canal or pipe line)
(Smallest legal subdivision)

6. The name of the well or other works is Well #1, Well #3, and Well #4.

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 3 Wells having a diameter of #1 = 18 inches and an estimated depth of #1 = 142 feet. It is estimated that #3 = 120 feet of the well will require welded steel casing. Depth to water table is estimated #4 = 150 feet.
(Kind) (Feet)
#1 = 80 ft.; #3 = 103 ft.; and #4 = 180 ft.

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) 8 feet; width on bottom 2 1/2 feet; depth of water 1 1/2 feet; grade 0.3 feet fall per one thousand feet.

(b) At Same 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 Attached Sheet (c) Length of pipe, (1) ft.; size at intake (2) in.; in size at (3) ft. from intake (4) in.; size at place of use (5) in.; difference in elevation between intake and place of use, (6) ft. Is grade uniform? (7) Estimated capacity, (8) sec. ft.

10. If pumps are to be used, give size and type Well #1 = 8" Deep Well Turbine & 8" x 6" Booster; Well #3 = 8" Deep Well Turbine & 8" x 6" Booster; Well #4 = 10" Deep Well Turbine & 8" x 6" Booster

Give horsepower and type of motor or engine to be used Well #1 = 50 H.P. with 40 H.P. on Booster; Well #3 = 50 H.P. with 60 H.P. on Booster; Well #4 = 125 H.P. with 40 H.P. on Booster.

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

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 Detailed List:				
Primary Irrigation from Well No. 1				12.9 Acres
Primary Irrigation from Well No. 3				104.8 "
Primary Irrigation from Well No. 4				229.0 "
Irrigation from Well No. 4 Supplemental to Well No. 3				17.8 "
				364.5 Acres

(If more space required, attach separate sheet)

Character of soil Sandy Loam

Kind of crops raised Cereals, Legumes, Row Crops, and Pasture Grasses.

Question No. 8:

Location of Area to Be Irrigated by David S. and Marion M. Moore:

Township	Section	Forty Acre Tract	Number of Acres to be Irrigated		From Well No. 4 Suppl. to Well No. 3
			Primary from Well No. 1	Primary from Well No. 4	
T. 38 S., R. 11 1/2 E., W.M.	19	SE 1/4 - SE 1/4		2.7 Ac. ✓	
	20	SW 1/4 - SW 1/4 SE 1/4 - SW 1/4		33.7 ✓ 40.0 ✓	
29		NE 1/4 - NW 1/4 NW 1/4 - NW 1/4 SW 1/4 - NW 1/4 NW 1/4 - SW 1/4	7.1 Ac. ✓	22.2 ✓	17.8 Ac.
				1.9 Ac. ✓	
				2.2 Ac. ✓	
				35.2 ✓ 28.2 ✓ 13.3 ✓	
30		NE 1/4 - NE 1/4 SW 1/4 - NE 1/4 SE 1/4 - NE 1/4 NE 1/4 - SE 1/4 NW 1/4 - SE 1/4 SE 1/4 - SE 1/4		4.9 ✓	
			0.3 ✓	9.5 ✓	
			5.5 ✓	38.6 ✓	
				0.6 ✓	
				40.0 ✓ 1.3 ✓	
31		NE 1/4 - NE 1/4		0.7 ✓	
			12.9 Ac. ✓	18.8 ✓	
			229.0 Ac. ✓		17.8 Ac. ✓

Primary - 346.7
Suppl. - 17.8
364.5 ✓

APPLICATION NO. 6-4812-
Permit No. G 455A

Question No. 9c: (See Application form for identification of numbered questions)

Well No. 1: (1) 2155 ft.; (2) 8"; (3) 1200 ft.; (4) 6";
(5) 6"; (6) 30 ft.; (7) Yes; (8) 3.5 c.f.s.

Well No. 3: (1) 2960 ft.; (2) 10"; (3) ---- ; (4) --- ;
(5) 10" (6) 140 ft.; (7) Yes; (8) 4 c.f.s.

Well No. 4: Uphill: (1) 80 ft.; (2) 12"; (3) --- ; (4) --- ;
(5) 12"; (6) 28 ft.; (7) Yes; (8) 4 c.f.s.

Downhill: (1) 1750 ft.; (2) 8"; (3) --- ; (4) --- ;
(5) 8"; (6) 140 ft.; (7) More or Less; (8) 3 c.f.s.

Application No. G-4812
Permit No. G 4552

MUNICIPAL SUPPLY—

G 4552

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, \$ 60,000
- 15. Construction work will begin on or before Wells already Drilled
- 16. Construction work will be completed on or before October 1, 1971
- 17. The water will be completely applied to the proposed use on or before October 1, 1972
- 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. Partially supplemental to Certificate No. 27302

DAVID S. and MARION M. MOORE

(Signature of applicant)

Remarks:

By J. B. Horsley
J. B. Horsley, Ranch Supt.

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

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 4.56 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 three wells, being 0.16 cubic feet per second of water from well No. 1, 1.31 cfs from well No. 2, and 3.09 cfs from well No. 4.

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 March 11, 1969

Actual construction work shall begin on or before December 17, 1970 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1971
Extended to Oct. 1 1972

Complete application of the water to the proposed use shall be made on or before October 1, 1972.
Extended to Oct. 1 1973

WITNESS my hand this 17th day of December, 1969

Chris L. Wheeler
STATE ENGINEER

Application No. G- 4812

Permit No. G- 4552

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 11th day of March, 1969, at 3:30 o'clock P. M.

Returned to applicant:

Approved:

December 17, 1969

Recorded in book No. G-4534 of

Ground Water Permits on page G 4552

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 14 page 37

4325

pc