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JAN 11 1977  
WATER RESOURCES DEPT.  
SALEM, OREGON

Permit No. G-7345

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, James W. Layton  
(Name of applicant)  
of Paulina, county of Crook  
(Postoffice Address)  
state of Oregon 97751, 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  
N/A

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

2. The amount of water which the applicant intends to apply to beneficial use is 21.05 cubic feet per second or 9,450 gallons per minute. See Attachments "B" and "C"

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

4. The well or other source is located ft. and ft. from the corner of See "Attachment A" - Well locations and place of use map and "Attachment C" - Well and Usage Locations  
(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 of Sec. 31, 1, Twp. 16S, 17SR, 23E, 24E W. M., in the county of Crook

5. The N/A to be miles in length, terminating in the of Sec. Twp. R., 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 Five Star Ranch Wells 6 to 12

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 seven (7) wells having a diameter of variable inches and an estimated depth of 350 feet. It is estimated that 50 feet of the well will require .25" thick steel casing. Depth to water table is estimated to be between 50 and 150 feet. The well logs are not available locally.  
(Kind) (Feet)

CANAL SYSTEM OR PIPE LINE—

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) ..... N/A ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(b) At ..... N/A ..... 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, ..... sec. ft.

10. If pumps are to be used, give size and type ..... Vertical Turbine - will be sized as wells developed.

Give horsepower and type of motor or engine to be used ..... Electric Motors proposed - will be sized as wells developed.

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

The wells are supplying circular wheel lines and there is no extensive permanent piping system.

12. Location of area to be irrigated, or place of use ..... See "Attachment A" and "Attachment B"

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
17S	23E	1	NW1/4, NE1/4	31.5
"	"	"	NE1/4, NE1/4	31.5
"	"	"	SW1/4, NE1/4	31.5
"	"	"	SE1/4, NE1/4	31.5
"	"	"	NW1/4, SE1/4	31.5
"	"	"	NE1/4, SE1/4	31.5
"	"	"	SW1/4, SE1/4	31.5
"	"	"	SE1/4, SE1/4	31.5
16S	24E	30	SW1/4, SW1/4	36
"	"	"	SE1/4, SW1/4	38
"	"	"	SW1/4, SE1/4	3
16S	24E	31	NW1/4, NW1/4	36

(If more space required, attach separate sheet)

Continues on "ATTACHMENT B"

Character of soil ..... Sandy Loam

Kind of crops raised ..... Alfalfa, Potatoes

"ATTACHMENT C"  
5 STAR RANCH WATER RIGHTS APPLICATION  
FOR JAMES LAYTON MARCH 16, 1977

1. WELL LOCATIONS

Well Number:

- 6 is 3710' S and 1350' W of the NE corner of Sec. 1, T17S, R23E, W.M., lying within the NW $\frac{1}{4}$  of the SE $\frac{1}{4}$  of said Sec. 1.
- 7 is 1730' S and 930' W of the NE corner of Sec. 1, T17S, R23E, W.M., lying within the SE $\frac{1}{4}$  of the NE $\frac{1}{4}$  of said Sec. 1.
- 8 is 210' N and 105' E of the SW corner of Sec. 31, T16S, R24E, W.M., lying within the SW $\frac{1}{4}$  of the SW $\frac{1}{4}$  of said Sec. 31.
- 9 is 3210' N and 395' E of the SW corner of Sec. 31, T16S, R24E, W.M., lying within the SW $\frac{1}{4}$  of the NW $\frac{1}{4}$  of said Sec. 31.
- 10 is 3365' N and 350' E of the SW corner of Sec. 31, T16S, R24E, W.M., lying within the SW $\frac{1}{4}$  of the NW $\frac{1}{4}$  of said Sec. 31.
- 11 is 3660' N and 2470' E of the SW corner of Sec. 31, T16S, R24E, W.M., lying within the SE $\frac{1}{4}$  of the NW $\frac{1}{4}$  of said Sec. 31.
- 12 is 2340' N and 5020' E of the SW corner of Sec. 31, T16S, R24E, W.M., lying within the NE $\frac{1}{4}$  of the SE $\frac{1}{4}$  of said Sec. 31.

There are no known government survey corners within a reasonable distance of 5 Star Ranch.

2. WELL USAGE

Individual Well Usage Rate is:

Well Number 6	-	1200 gpm	for	214 acres
7	-	1800 gpm	for	320 acres
8	-	2190 gpm	for	390 acres
9	-	1125 gpm	for	200 acres
10	-	1065 gpm	for	190 acres
11	-	1570 gpm	for	280 acres
12	-	500 gpm	for	89 acres

TOTALS	9450 gpm	1683 acres
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## "ATTACHMENT B"

Township N or S	Range	Section	40 Acre Tract	No. of Acres to be Irrigated	Well No.
17S	23E	1	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	7
"	"	"	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40	7
"	"	"	SW $\frac{1}{4}$ NE $\frac{1}{4}$	40	7
"	"	"	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	7
"	"	"	NW $\frac{1}{4}$ NW $\frac{1}{4}$	40	7
"	"	"	NE $\frac{1}{4}$ NW $\frac{1}{4}$	40	7
"	"	"	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40	7
"	"	"	SE $\frac{1}{4}$ NW $\frac{1}{4}$	40	7
"	"	"	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40	6
"	"	"	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40	6
"	"	"	SW $\frac{1}{4}$ SE $\frac{1}{4}$	40	6
"	"	"	SE $\frac{1}{4}$ SE $\frac{1}{4}$	40	6
"	"	"	NE $\frac{1}{4}$ SW $\frac{1}{4}$	27	6
"	"	"	SE $\frac{1}{4}$ SW $\frac{1}{4}$	27	6
16S	23E	36	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	9
"	"	"	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40	9
"	"	"	SW $\frac{1}{4}$ NE $\frac{1}{4}$	40	9
"	"	"	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	9
"	"	"	SE $\frac{1}{4}$ NW $\frac{1}{4}$	40	9
"	"	"	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40	8
"	"	"	NE $\frac{1}{4}$ SE $\frac{1}{4}$	40	8
"	"	"	SW $\frac{1}{4}$ SE $\frac{1}{4}$	40	8
"	"	"	SE $\frac{1}{4}$ SE $\frac{1}{4}$	40	8
"	"	"	NE $\frac{1}{4}$ SW $\frac{1}{4}$	40	8

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Township N or S	Range	Section	40 Acre Tract	No. of Acres to be Irrigated	Well No.
16S	24E	30	SW $\frac{1}{4}$ SE $\frac{1}{4}$	10	10
"	"	"	SW $\frac{1}{4}$ SW $\frac{1}{4}$	40	10
"	"	"	SE $\frac{1}{4}$ SW $\frac{1}{4}$	40	10
16S	24E	31	NW $\frac{1}{4}$ NW $\frac{1}{4}$	40	10
"	"	"	NE $\frac{1}{4}$ NW $\frac{1}{4}$	38	10
"	"	"	SW $\frac{1}{4}$ NW $\frac{1}{4}$	10, 10	10, 8
"	"	"	SE $\frac{1}{4}$ NW $\frac{1}{4}$	7, 10	10, 8
"	"	"	NW $\frac{1}{4}$ NE $\frac{1}{4}$	5, 20	10, 11
"	"	"	NE $\frac{1}{4}$ NE $\frac{1}{4}$	38	11
"	"	"	SW $\frac{1}{4}$ NE $\frac{1}{4}$	35	11
"	"	"	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	11
"	"	"	NW $\frac{1}{4}$ SW $\frac{1}{4}$	40	8
"	"	"	NE $\frac{1}{4}$ SW $\frac{1}{4}$	40	8
"	"	"	SW $\frac{1}{4}$ SW $\frac{1}{4}$	40	8
"	"	"	SE $\frac{1}{4}$ SW $\frac{1}{4}$	40	8
"	"	"	NW $\frac{1}{4}$ SE $\frac{1}{4}$	5, 33	8, 11
"	"	"	NE $\frac{1}{4}$ SE $\frac{1}{4}$	39	11
"	"	"	SW $\frac{1}{4}$ SE $\frac{1}{4}$	5, 35	8, 11
"	"	"	SE $\frac{1}{4}$ SE $\frac{1}{4}$	40	11
16S	24E	32	NW $\frac{1}{4}$ SW $\frac{1}{4}$	30	12
"	"	"	NE $\frac{1}{4}$ SW $\frac{1}{4}$	30	12
"	"	"	SW $\frac{1}{4}$ SW $\frac{1}{4}$	3	12
"	"	"	SE $\frac{1}{4}$ SW $\frac{1}{4}$	26	12

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MUNICIPAL SUPPLY—

13. To supply the city of N/A  
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, \$1,200,000
- 15. Construction work ~~was begun on or before~~ began in 1972
- 16. Construction work will be completed on or before July, 1977
- 17. The water will be completely applied to the proposed use on or before July, 1978
- 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. Applicant (James Layton) also has a reservoir and other irrigated lands in the vicinity of Paulina.

*James W. Layton*  
(Signature of applicant)

Remarks: \_\_\_\_\_  
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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 and completion.

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before \_\_\_\_\_ April 1, 1977.  
May 16                      77

WITNESS my hand this 1st day of \_\_\_\_\_ February, 19 77  
14th    March    77

JAMES E. SEXSON  
Director ~~XXXXXXXXXX~~  
By *Vestal R. Garner*  
Vestal R. Garner                      ~~XXXXXXXXXX~~

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WATER RESOURCES  
DIVISION  
SALEM, OREGON

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 21.05 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 7 wells; being 2.68 c.f.s. from well # 6, 4.00 c.f.s. from well # 7, 4.88 from well # 8; 2.50 c.f.s. from well # 9, 2.38 c.f.s. from well # 10, 3.50 c.f.s. from well # 11, 1.11 c.f.s. from well # 12. The use to which this water is to be applied is irrigation.

If for irrigation, this appropriation shall be limited to 1/80th 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 January 11, 1977

Actual construction work shall begin on or before August 5, 1978 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1978. Extended to Oct. 1 1980

Complete application of the water to the proposed use shall be made on or before October 1, 1979. Extended to Oct. 1 1981

WITNESS my hand this 5th day of August, 1977.

James E. Seaman  
Water Resources Director

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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 11 day of January, 1977, at 8 o'clock P. M.

Returned to applicant:

Approved:

Recorded in book No. of Ground Water Permits on page

STATE ENGINEER  
Drainage Basin No. 5 page 49  
525 20