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STATE ENGINEER  
SALEM OREGON

Permit No. G- G 5785

APPLICATION FOR A PERMIT

CERTIFICATE NO. 47019

# To Appropriate the Ground Waters of the State of Oregon

I, Smith-Duff Ranches, Inc. by Jim Duff, Treas.  
(Name of applicant)  
of Rte. #1, Adams  
(Postoffice Address), county of Umatilla  
state of Oregon - Zip 97810, 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

June 2, 1971 at Pendleton, OR.

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

tributary of Umatilla River

2. The amount of water which the applicant intends to apply to beneficial use is 0.60 cubic feet per second or 271 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. and \_\_\_\_\_ ft. from the~~  
(N. or S.) (E. or W.)  
corner of S. 62° 30' E., 1250 ft. from the N 1/4 corner of Section 28,  
(Section or subdivision)  
T. 3 N., R. 33 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 N.W. 1/4 NE 1/4 of Sec. 28, Twp. 3 N, R. 33 E,  
W. M., in the county of Umatilla

5. The Portable planned at present to be 0.7 miles  
(Canal or pipe line)  
in length, terminating in the SE 1/4 NW 1/4 of Sec. 28, Twp. 3 N,  
(Smallest legal subdivision)  
R. 33 E, W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Smith-Duff 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 1 well having a  
(Give number of wells, tunnels, etc.)  
diameter of 8 inches and an estimated depth of 742 feet. It is estimated that 20  
feet of the well will require Standard casing. Depth to water table is estimated 417  
(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) ..... 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, Portable 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 1 Submersible & 1 centrifugal

Give horsepower and type of motor or engine to be used 2 pumps - 30 H.P. with 10 h.p. 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

Well is located about 700' from Wildhorse creek but is about 40 ft. higher in elevation

12. Location of area to be irrigated, or place of use Sec. 28, T. 3N, R. 33E.W.M.

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
3N	33E	28	NE $\frac{1}{4}$ NE $\frac{1}{4}$	0.6
3N	33E	28	NW $\frac{1}{4}$ NE $\frac{1}{4}$	30.1
3N	33E	28	SW $\frac{1}{4}$ NE $\frac{1}{4}$	3.6
3N	33E	28	NE $\frac{1}{4}$ NW $\frac{1}{4}$	8.2
3N	33E	28	SE $\frac{1}{4}$ NW $\frac{1}{4}$	5.8
			~~~~~	
			Total acres	48.3

(If more space required, attach separate sheet)

Character of soil Loam

Kind of crops raised Legumes, Grains, & Hays, perhaps truck farming

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, \$ 20,000
- 15. Construction work will begin on or before Begun
- 16. Construction work will be completed on or before Oct. 1, 1974
- 17. The water will be completely applied to the proposed use on or before Oct. 1, 1975

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. No.

Smith-Duff Ranches, Inc. by Jim Duff, Treas.  
Jim Duff Treas.  
(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 \_\_\_\_\_

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 0.6 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 Smith-Duff Well

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 May 7, 1973

Actual construction work shall begin on or before July 28, 1976 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1976

Complete application of the water to the proposed use shall be made on or before October 1, 1977

WITNESS my hand this 28th day of July 1975

*[Signature]*  
Water Resources Director

STATE ENGINEER

T.H.  
B

Application No. G-65110  
Permit No. G-G 5785

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 7 day of May, 1973, at 8 o'clock A. M.

Returned to applicant:

Approved:

Recorded in book No. \_\_\_\_\_ of \_\_\_\_\_  
Ground Water Permits on page G 5785

STATE ENGINEER

Drainage Basin No. 7 page 72