Permit No. U-324

APPLICATION FOR A PERMIT

To Appropriate the Underground Waters of the State of Oregon

Oregon-Washington Railroad & Navigation Company and its lessee,
I, Union Pacific Railroad Company (Name of applicant)
of Portland 5 , county of Multnomah (Postoffice)
state of <u>Oregon</u> , do hereby make application for a permit to appropriate t
following described underground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:
If the applicant is a corporation, give date and place of incorporation
Oregon, Nov. 23, 1910: U.P.R.R.Co. in Utah July 1, 1897.
1. Give name of nearest stream to which the well, tunnel or other source of water development
situated Umatilla River (Name of stream)
tributary ofColumbia River
2. The amount of water which the applicant intends to apply to beneficial use is cut
feet per second.
3. The use to which the water is to be applied is steam locomotive supply, power
plant boiler supply, domestic use, and general railroad use.
4. The place where the water is to be pumped or developed is located Hinkle, Umatilla
County, Oregon, 5537.89 feet S, 46° 51'45"E, from the NW Corner (Give distance and bearing from section corner)
of Section 27, T.4NR.28E. Willamette Meridian
•
being within the NE ₄ SE ₄ of Sec. 27 , Twp. 4N , R. 28E
W. M., in the county of Umatilla
5. The pipe line from well to water tanks to be 301 ft. & 3635 ft.
in length, terminating in the NW_2^1 SE_4^2 & NW_4^2 SW_2^1 of Sec. 27 , Twp. 4N (Smallest legal subdivision)
R. 28E W. M., the proposed location being shown throughout on the accompanying map.
6. The name of the well or other works is Union Pacific Hinkle Well No. 1
DESCRIPTION OF WORKS
7. If the flow to be utilized is artesian, the works to be used for the control and conservation of t supply when not in use must be described.
8. The development will consist ofOne drilled well having
diameter of 16 inches and an estimated depth of 350 feet.
unmeter of feet.
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CANAT	SYSTEM	Ω R	TOTO	T.INE

readgate. At headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet. (b) At miles from headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fell per on thousand feet. (c) Length of pipe, 300 % 3635 ft; size at intake, in; in size at 301 % 3635 from intake 8th and 1.11 in; size at place of use warious in; difference in elevation between take and place of use, various ft. Is grade uniform? Ho Estimated capacit 1.12 sec. ft. 10. If pumps are to be used, give size and type 500 G.P.Ms. Doep well turbine. Give capacity and type of motor or engine to be used 50 HP Electric motor. 11. If the location of the well, tunnel, or other development work is less than one-fourth mile from natural stream or stream channel, give the distance to be the nearest point on each of such channels a he difference in elevation between the stream bad and the ground surface at the source of developme. Here than 1/1; mile to present channel of Umatilla River. Surface of tround at well 2h feet above flow line of Umatilla River at its nearest point. 12. Location of the surface theory flow line of Umatilla River at its nearest point. 13. Location of the surface and the ground surface at the source of development with the surface of the surfa	neaugure. At nead	laate midth on +	on (at water	line)	foot width on hotton
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(b) At miles from headgate: width on top (at water line) feet; width on bottom feet; depth of water fe feet jeet fall per one thousand feet. 8" with h" branch (c) Length of pipe, 301 & 3635 ft.; size at intake, in.; in size at 301 & 3635 rom intake .8" and h." in.; size at place of use .xarious in.; difference in elevation between take and place of use, Yarious ft. Is grade uniform? No Estimated capaci lal2 sec. ft. 10. If pumps are to be used, give size and type 500 G.F.Ms. Deep well turbine Give capacity and type of motor or engine to be used 50 HP Electric motor 11. If the location of the well, tunnel, or other development work is less than one-fourth mile from attural stream or stream channel, give the distance to be the nearest point on each of such channels a headifference in elevation between the stream bed and the ground surface at the source of development work than 1/h mile to present channel of Unatilla River. Surface of ground at well 2h feet above flow line of Unatilla River at its nearest points. 12. Location of packets becketographor place of use .Hinkle, Unatilla County, Cregon Township Russe Section Previous Treat North 28 East 25 SPASEA; SWASEA; WASEA; " SWASEA; SWASEA; WASEA; " SWASEA; WASEA; WASEA; " SWASEA; WASEA; WASEA; " A North 28 East 27 SEASEA; WASEA; " SWASEA; WASEA; WASEA; " A North 28 East 27 SEASEA; WASEA; " SWASEA; WASEA; WASEA; " A North 28 East 27 SEASEA; WASEA; " SWASEA; WASEA; WASEA; " A North 28 East 27 SEASEA; WASEA; " Off more sease required, attack seasures above) (a) Character of soil Sancty. (b) Kind of crops raised None MUNICIPAL SUPPLY—		. jeet; aeptn oj w	ater	feet; graae	jeet faii pe r on
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12. Location of			above ilow	line of Umatilla River at	its
North Range Section Forty-acre Tract Number Acres to Be Irrigated	_		······································		
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SW12; SW12SW12; W12SW12	Township	Range	Section	r	
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SE\frac{1}{4}; NW\frac{1}{4}SE\frac{1}{4}; SE\frac{1}{4}SW\frac{1}{4}; \ldots \rdots				SW4; SW4SW4; NW4SW4	11
SW1/4SW1/4; NE1/4SW1/4; NW1/4	4 North	28 East	26	SE1SE1; SW1SE1; NE1	ti
SN\(\frac{1}{4}\) North 28 East 27 SE\(\frac{1}{4}\) SE\(\frac{1}{4}\); SV\(\frac{1}{4}\)SE\(\frac{1}{4}\); NE\(\frac{1}{4}\)SV\(\frac{1}{4}\); NE\(\frac{1}{4}\)SUPLY— (If more space required, attach separate sheet) (a) Character of soil Sandy Sa			***************************************	SE1; NW1SE1; SE1SW1;	11
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SE ¹ / ₄ ; NW ¹ / ₄ SE ¹ / ₄ ; SE ¹ / ₄ SW ¹ / ₄ ;		1			п
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SW ¹	4 North	28 East	27	SW4	ti .
14 North 28 East 28 NE ¹ / ₄ SE ¹ / ₄ ; NW ¹ / ₄ SE ¹ / ₄ " (If more space required, attach separate sheet) (a) Character of soil Sandy (b) Kind of crops raised None MUNICIPAL SUPPLY—	4 North	28 East	27	SW4 SE4SE4; SW4SE4; NE4	11
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(a) Character of soil Sandy (b) Kind of crops raised None IUNICIPAL SUPPLY—	l North	28 East	27	SW4 SE4SE4; SW4SE2; NE4 SE4; NW4SE2; SE4SW4; SW4SW4; NE4SW4; NW4	11
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(b) Kind of crops raisedNone				SW ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄ ; SW ¹ / ₄ SE ¹ / ₂ ; NE ¹ / ₄ SE ¹ / ₄ ; NW ¹ / ₄ SE ¹ / ₂ ; SE ¹ / ₄ SW ¹ / ₄ ; SW ¹ / ₄ SW ¹ / ₄ ; NE ¹ / ₄ SW ¹ / ₄ ; NW ¹ / ₄ SW ¹ / ₄	11
IUNICIPAL SUPPLY—			28	SW ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄ ; SW ¹ / ₄ SE ¹ / ₂ ; NE ¹ / ₄ SE ¹ / ₄ ; NW ¹ / ₄ SE ¹ / ₄ ; SE ¹ / ₄ SW ¹ / ₄ ; NW ¹ / ₄ SW ¹ / ₄ SW ¹ / ₄ ; NE ¹ / ₄ SW ¹ / ₄ ; NW ¹ / ₄ SW ¹ / ₄ NE ¹ / ₄ SE ¹ / ₄ ; NW ¹ / ₄ SE ¹ / ₄	11
	4 North	28 East	28	SW ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄ ; SW ¹ / ₄ SE ¹ / ₄ ; NE ¹ / ₄ SE ¹ / ₄ ; NW ¹ / ₂ SE ¹ / ₄ ; SE ¹ / ₄ SW ¹ / ₄ ; SW ¹ / ₄ SW ¹ / ₄ ; NE ¹ / ₄ SW ¹ / ₄ ; NW ¹ / ₄ SW ¹ / ₄ NE ¹ / ₄ SE ¹ / ₄ ; NW ¹ / ₄ SE ¹ / ₄ required, attach separate sheet)	11
13. (a) To supply the city of	4 North (a) Charact	28 East	28 (If more space of Sandy	SW ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄ ; SW ¹ / ₄ SE ¹ / ₄ ; NE ¹ / ₄ SE ¹ / ₄ ; NW ¹ / ₄ SE ¹ / ₄ ; SE ¹ / ₄ SW ¹ / ₄ ; SW ¹ / ₄ SW ¹ / ₄ ; NE ¹ / ₄ SW ¹ / ₄ ; NW ¹ / ₄ SW ¹ / ₄ NE ¹ / ₄ SE ¹ / ₄ ; NW ¹ / ₄ SE ¹ / ₄ required, attach separate sheet)	11
,	(a) Charact	ter of soil	28 (If more space of Sandy	SW ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄ ; SW ¹ / ₄ SE ¹ / ₄ ; NE ¹ / ₄ SE ¹ / ₄ ; NW ¹ / ₄ SE ¹ / ₄ ; SE ¹ / ₄ SW ¹ / ₄ ; SW ¹ / ₄ SW ¹ / ₄ ; NE ¹ / ₄ SW ¹ / ₄ ; NW ¹ / ₄ SW ¹ / ₄ NE ¹ / ₄ SE ¹ / ₄ ; NW ¹ / ₄ SE ¹ / ₄ required, attach separate sheet)	11
(Name of)	(a) Charact (b) Kind of MUNICIPAL SUI	ter of soil f crops raised PPLY— supply the city o	28 (If more space of Sandy None	SW ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄ ; SW ¹ / ₄ SE ¹ / ₄ ; NE ¹ / ₄ SE ¹ / ₄ ; NW ¹ / ₄ SE ¹ / ₄ ; SW ¹ / ₄ ; NW ¹ / ₄ SW ¹ / ₄ ; NE ¹ / ₄ SW ¹ / ₄ ; NW ¹ / ₄ SW ¹ / ₄ NE ¹ / ₄ SE ¹ / ₄ ; NW ¹ / ₄ SE ¹ / ₄ required, attach separate sheet)	11 11 11 11

14. Estimated cost of proposed works, \$.13,	000•00
15. Construction work will begin on or before	February 1, 1950
16. Construction work will be completed on or	r beforeJuly 1, 1951
17. The water will be completely applied to the	he proposed use on or beforeDec31, 1951
OREGON -WASH	INGTON RAILROAD & NAVIGATION COMPANY UNION PACIFIC RAILROAD COMPANY
	(Signature of applicant)
	(Sgd) T B Collins
	General Manager
Cionalio the manage of me menitores and	
Signed in the presence of us as witnesses:	
(1) (Sgd) H. W. Lawton (Name)	828 Pittock Block, Portland, Ore. (Address of witness)
(2) (Sgd) Sheldon Dolgrove	828 Pittock Block, Portland,
(Name)	(Address of witness) Oree
Remarks:	
<u> </u>	
STATE OF OREGON, ss.	
County of Marion,	
PMT 1 1 4 410 47 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
	regoing application, together with the accompanying
maps and data, and return the same forrevis	LON
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In order to retain its priority, this application r	nust be returned to the State Engineer, with corrections
on or before March 13, 19\$50	···
WITNESS my hand this 10th day of	February , 19# 50.
	CHAS. E. STRICKLIN
	STATE ENGINEER

By
Ed K. Humphrey, Assistant

PERMIT

County of Marion,

This is to certify that I have examined the foregoing application and do hereby grant the same, $SUBJECT\ TO\ EXISTING\ RIGHTS\ and\ the\ following\ limitations\ and\ conditions:$

shall not source o	he right herein gra t exceed	its equiva	bic feet per seco	ond measure otation with	d at the pother wa	ooint of dive	ersion fron	n the well or
	for irrigation, this	appropria		nited to -		of on	e cubic fo	ot per second
	ll be subject to suc rell shall be so the priority date of	h reasonal		tem as may	be ordere undergi	d by the pro	oper state	
A	ctual construction	work shall	l begin on or be	foreJ	une 30,	1951	************	and shall
thereaft	er be prosecuted w	ith reason	able diligence (and be comp	leted on c	or before		
C	october 1, 1952							
	omplete application	-			ll be mad	e on or befo	re	
	October 1, 1953						10 8 50	
VV	TITNESS my hand	this	aay of	ame	****	······,	19 p 2.9	
				CHAS.	E. STR	ICKLIN	STA	TE ENGINEER
Application No. U=3l ₁ 9. Permit No. U=32l ₁	PERMIT TO APPROPRIATE THE UNDERGROUND WATERS OF THE	Division No District No	This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 2rd day of February	19# 50, at	Corrected application received:	Approved: June 30, 1950	Recorded in Book No. 1 Permit, on page U-324	CHAS, E, STRICKLIN STATE ENGINEER STATE PRINTING DEPT.

Fees paid \$22.00