

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

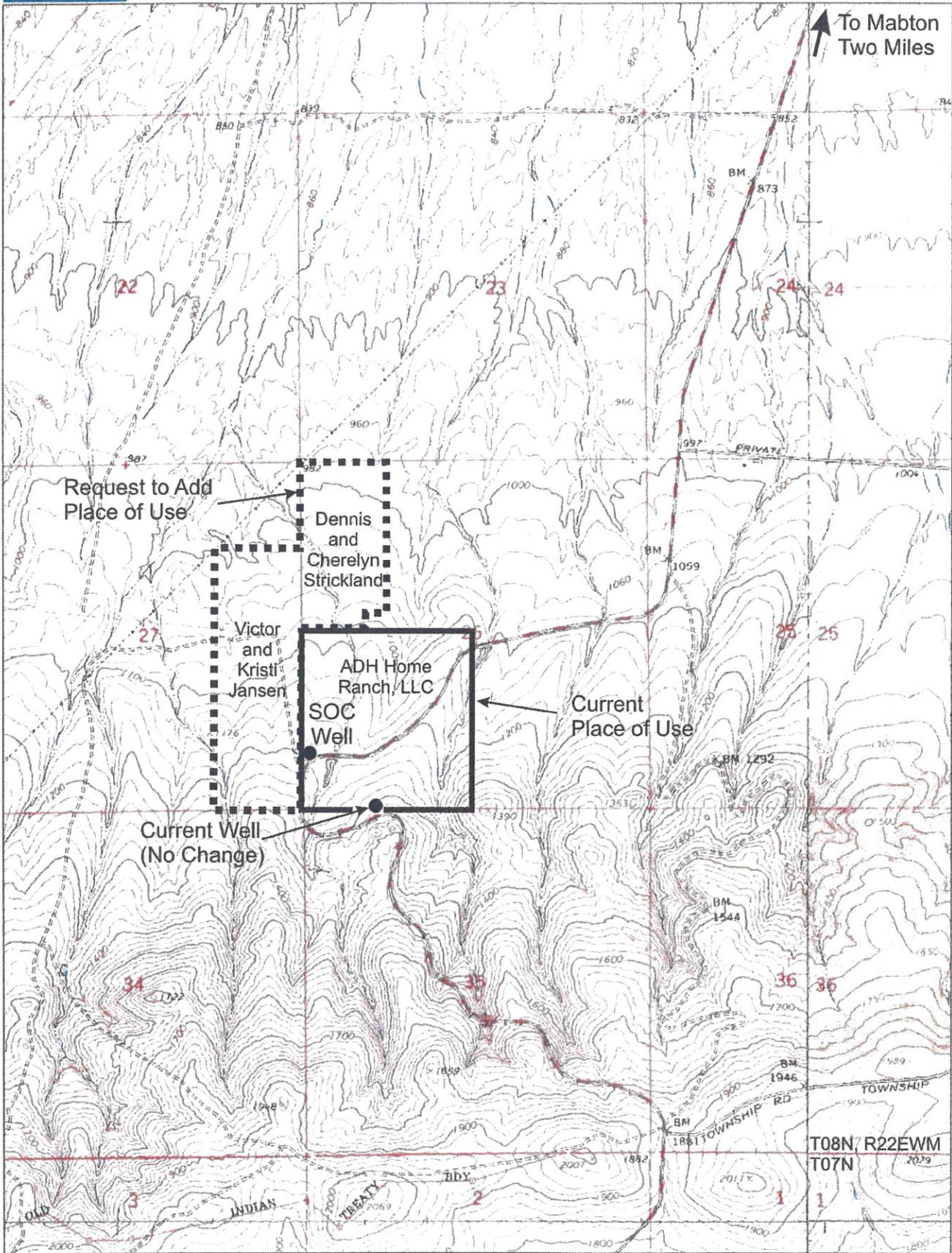
APPLICATION NO./COURT CLAIM NO. CG4-25323C@1 (YAKI-12-01)		
APPLICANT NAME ADH Home Ranches	CONTACT NAME Art denHoed	TELEPHONE NO. 509.786.0715
WATER RIGHT HOLDER'S NAME (if different) Robert R Fergus		EMAIL

DATE OF APPLICATION June 14, 2012	PRIORITY DATE June 7, 1977
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WATER SOURCE: Two wells	CROP: Cherry orchard
INSTANTANEOUS QUANTITY: 1280 gpm	ANNUAL QUANTITY: 744 afy
PERIOD OF USE: April 1 to October 31	
PLACE OF USE: SW1/4 of Section 26, T8N, R22EWM	PURPOSE OF USE: Irrigation of 140 acres from April 1 to October 31
IRRIGATION METHOD:	

<p>CONSUMPTIVE USE CALCULATION:</p> <p>The tentative determination by the Board was for 1280 gpm and 460 afy for the irrigation of 140 acres of cherry orchard.</p> <p>Estimated water use for cherry orchard was $(34.3/0.88=)$ 39 inches or 3.3ft, which was used over 140 acres.</p> <p>The estimated water duty for wine grapes will be 17 to 18 inches which will be used on 305 acres.</p> <p>305 acres of wine grapes will require approximately 460 afy.</p>

<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>Change place of use to add irrigated acres; no other changes contemplated:</p> <p>The application requests to increase the place of use from 140 acres to 305 acres without increasing the annual quantity of water used. The current place of use will be retained and adjacent acreage will be added to the current place of use. Spreading of water will be achieved by changing the crop from cherry orchard to drip irrigated wine grapes. The period of use will be lengthened to accommodate the irrigation needs of wine grapes. The new proposed period of use will be February 15 to November 30.</p>



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Scale 1" = 24,000'



Data Zoom 13-0

Attachment 2: Current Land Ownerships