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IN THE MATTER OF APPLICATION 23960 FILED )  
BY AMERICAN QUICKSILVER, INC., TO APPROP-) )  
RIATE WATER FROM AN UNDERGROUND SOURCE ) RULING  
IN THE GRASS VALLEY DRAINAGE BASIN IN )  
HUMBOLDT COUNTY, NEVADA. )

GENERAL:

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Application 23960 was filed June 27, 1967 to appropriate 2.0 c.f.s. of water from an underground source. The point of diversion described in Application 23960 is within the NE $\frac{1}{4}$  NW $\frac{1}{4}$  of Section 12, T. 35N., R. 37E., M.D.B.&M. The place of use is described as being the N $\frac{1}{2}$  NW $\frac{1}{4}$  of said Section 12. The proposed use is milling and domestic.

The United States Geological Survey publication, Ground-Water Resources-Reconnaissance Series Report Number 29, titled "A brief Appraisal of the Ground-Water Resources of the Grass Valley Area, Humboldt and Pershing Counties, Nevada," published in September, 1964, estimates the amount of ground water available for development within the area to be 7,000 feet. Development in excess of this amount would probably decrease the amount of underflow from Grass Valley to the Humboldt River Basin where, as surface water, it has been adjudicated by downstream users.

An inventory of existing ground water rights in the Grass Valley Drainage Basin revealed that as of March 20th, 1967, these rights totaled 70,931 acre-feet.

Estimated groundwater pumpage for irrigation in the Grass Valley Drainage Basin during 1966 as computed from electric power consumption in the area by the Division of Water Resources totaled 8,900 acre-feet.

OPINION:

It is our opinion that the granting of additional ground water rights within the over appropriated Grass Valley Drainage Basin would adversely affect existing ground and surface water rights, and would therefore be detrimental to the public welfare.

RULING

Application 23960 is herewith denied on grounds that its granting would be detrimental to the public welfare, and would impair the value of existing ground water rights.

Respectfully Submitted, - - -

  
Roland D. Westergard  
State Engineer

RDW:BJV:dih

Dated This 6th Day  
of October, 1967