

RECOMMENDATION REVIEW:

Phone Conversation w/Claimant: 3/12/2008 (Tod Matthew)
Agent: S. Hemenway
Claimant: Tod Matthew & Karen E. Sween
WR#: 84-12243
Mailing Address: 3220 Upper Fords Creek Rd. Orofino, ID 83544 (purchased 12/2000)
Phone #: (208) 476-3453 wk (208) 476-9502 X3582
Location of POD:
System Description:
Measuring Device: N/A (Not required with small domestic or claims <0.20 cfs, per IDWR Director Dave Tuthill)
Field Exam: No exam required, only desk top review with small de minimus
Nonirrigation Uses: NONE
Other Uses: NONE
Other WRs Used: 84-7174 (Domestic/stockwater)
Supplemental Water: NONE (both 84-7174 and 84-12243 work together, depending on the demand on the system; they are co-mingled in the system)

Basis of Claim: Beneficial Use de minimus D&S
Priority Date: 8/24/1988 (when well was drilled)
Evidence of Priority: No Evidence of Priority (EOP) required, since < 1/2 acre irrigated.
WELL DRILLERS REPORT Drilling started 8/24/1988, ending 8/26/1988
0.24 cfs or less, or 14.6 af or less is within the limits of a "small D&orS claim"
De-minimus stock is generally for less than 1000 head.
No measurement required, and no EOP required, since <1/2 acre irrigated.

NOTES:

Well Information: 6" casing, 150' deep, 107' static, 20gpm (1/2 hr), cased to 147'
20gpm x 0.00223 = 0.0446 = 0.05 cfs (POSSIBLE VARIANCE OF +/- 39% WITH
ONLY RUNNING THE WELL FOR SUCH A SHORT TIME PERIOD. ALLOW 0.06 CFS.

2" DISCHARGE (MAXIMUM PIPE CAPACITY 0.11 CFS) REDUCES TO 1 1/2" TO LIVESTOCK
AREA, HOUSE, GARDEN AND ORCHARD AREA (1/2 ACRE)
(3)-5/8" hydrants run at one time to water garden/orchard area

PSI: System runs at 35-65psi

HP: 1/2 Hp, submersible (unknown type)

Well Tag# (no tag number on file)

Table 1, Recommended Diversion Rates for Stockwater Exh 15A for
18 goats, 20 sheep, 2 hogs, 4 cattle, 4 horses, 1 donkey = 49 head
26 - 50 head = 0.02 cfs
poultry: 46 X 0.0000018 = 0.00008 cfs

TOTAL STOCKWATER DIVERSION RATE: 0.02 CFS

NOTES:

Domestic internal/external Diversion Rate: 0.04 cfs (TOTAL D&S DIVERSION RATE = 0.06CFS)

HEAD x GPD x 365 DAYS/325,850 = AF; DOMESTIC 1 INTERNAL/EXTERNAL=1.2 AF.

18 goats x 2gpd x 365/325,850 = 0.04 af

20 sheep x 2 gpd x 365/325,850 = 0.048 af

2 hogs x 4 gpd x 365/325,850 = 0.00896 af

4 cattle x 12 gpd x 365/325,850 = 0.0576 af

4 horses x 12 gpd x 325,850 = 0.0576 af

1 donkey x 12 gpd x 325,850 = 0.0134 af

TOTAL STOCKWATER VOLUME = 0.225 = 0.2 AF

TOTAL DOMESTIC INTERNAL/EXTERNAL VOLUME = 1.2 AF

TOTAL VOLUME = 1.4 AF

Variety of sizes of stockwater tanks.

3/12/2008 EMAILED TOD 2004 NAIP MAP OF PROPERTY FOR HIM TO DRAW HOW PROPERTY WAS SPLIT INTO 3 SEPARATE PARCELS, AND LOCATE AND LABEL WELLS AND SPRING SOURCES. THE 2004 NAIP MAPS AND GOVT LOTS THAT WERE UPDATED 2/2004 STILL SHOW THAT TOD SWEEN STILL OWNS THE ENTIRE PIECE OF PROPERTY. TOD IS ALSO SENDING COPIES OF THE WARRANTY DEEDS FOR THE PARCELS. TOD EMAILED BACK DEEDS, AND MAPS. VIA PHONE GAVE LOCATIONS FOR 84-12244 AND 84-12243 WELLS, AND 84-7174 SPRING.

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Groundwater source and spring source (84-7174) co-mingle within the same system. There is no way of isolating either of the systems to take an active measurement. There are control valves to prevent the spring water from going back into the well, to prevent the possibility of contamination. Neither one is the supplemental source, but rather work together by demand on the system. Tod did indicate that there may be the possibility of selling the parcel where the spring is located, and tying it into the house that would be built on that lot. He would make changes to the WRs at that time.

Recommendation:

C18

X01 one home internal/external use up to 1/2 acre garden, lawn, and orchard.

N11 historical B/U

N13 shall not exceed 13,000 gpd combined with WR# 84-7174.

X02 49 HEAD: for 18 goats, 20 sheep, 46 poultry, 2 hogs, 4 head cattle, 4 horses, 1 donkey