

RECOMMENDATION REVIEW:

Date: 2/25/2008
Agent: S. Hemenway
Claimant: Dana or Viki Purdy
WR#: 78-12321
Mailing Address: PO Box 11 New Meadows, ID 83654
Phone #: (208) 347-3345
Location of POD: T19N R1E SEC 36 SWNW
System Description: 8" well with pump and pipeline to POU (domestic internal/external for lawn and garden)
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: NONE
Supplemental Water: NONE
Basis of Claim: Beneficial Use de minimus D&S
Priority Date: 4/7/2007
Evidence of Priority: No Evidence of Priority (EOP) required, since < 1/2 acre irrigated.
WELL DRILLERS REPORT (ROB DAWSON, INC. #589 DRILLER, 4/7/2007)

NOTES:

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.
2/25/08 contacted Dana via phone and obtained the following information: 50 psi; 5Hp, 1" buried line; irrigate 1/2 acre lawn/garden w/misc sprinkler system; no supplemental water stockwater was previously accomplished w/irrigation water (no tanks yet, but plan to install some);
78-10258 is a domestic internal/external WR that is used for another house on the property. The well claimed for this WR was drilled 4/7/07, since the other well didn't have the capacity to service both houses.
Table 1, Recommended Diversion Rates for Stockwater Exh 15A for 200 head cattle = 0.05 cfs
Theoretical Rate of Flow: $(8.8) \times (5Hp) \times (0.70) / (2.31 \times 50psi) + 280 = 0.077$ or 0.08 cfs
variable of + or - 39% = 0.11 cfs Maximum Capacity of System
Drillers Report: 50 gpm = 0.11 cfs Maximum Capacity of System (system ran for 1 hour)
Physical Address: 3474 S. End Rd. New Meadows, ID
Domestic internal/external = 0.04cfs; Stockwater for 200 head cattle = 0.05 cfs; Total 0.09 cfs
200 HEAD x 12GPD x365 DAYS/325,850 = 2.7 AF; DOMESTIC 1 INTERNAL/EXTERNAL=1.2 AF.

Recommendation:

C18

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

N11 historical B/U

N13 shall not exceed 13,000 gpd

X02 for up to 200 head cattle

Well Tag# D0047818, drilled 4/7/2007; driller Rob Dawson, Inc. Firm No. 589.

Well Information: 8" casing, 301' deep, cased to 244'; 50 gpm; 270' static

***** THE DIFFERENCE BETWEEN THE AMOUNT BEING RECOMMENDED, AND THE AMOUNT THE CLAIMANT REQUESTED IN THEIR CLAIM IS DUE TO THE CLAIMANT REQUESTING MORE THAN THE STANDARD DIVERSION RATE ALLOWED BY IDWR FOR 200 HEAD OF CATTLE. (SEE EXH. 15A)