

TO: Water Rights Section

Nov 10, 1994

FROM: Groundwater/Hydrology Section D. Woodcock
Reviewer's Name

SUBJECT: Application G- 13764

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE _____ Basin rules, one or more of the proposed POA's is/is not within _____ feet/mile of a surface water source (_____) and taps a groundwater source ~~hydraulically~~ connected to the surface water.
2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
 - a. ___ will, or _____ have the potential for substantial interference with the nearest
 - b. ☒ will not _____ surface water source, namely PRITCHARD CR.; or
 - c. ___ will if properly conditioned, adequately protect the surface water from interference:
 - i. ___ The permit should contain condition #(s) _____;
 - ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ___ The permit should be conditioned as indicated in item 4 below; or
 - d. will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
 - a. ___ will, or _____ likely be available in the amounts requested without injury to prior rights
 - b. ___ will not _____ and/or within the capacity of the resource; or
 - c. ☒ will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
 - i. ☒ The permit should contain condition #(s) 4I;
 - ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ___ The permit should be conditioned as indicated in item 4 below; or
4.
 - a. ___ THE PERMIT should allow groundwater production from no deeper than _____ ft. below land surface;
 - b. ☒ The permit should allow groundwater production from no shallower than 210 ft. below land surface;
 - c. ___ The permit should allow groundwater production only from the _____ groundwater reservoir between approximately _____ ft. and _____ ft. below land surface;
 - d. ___ Well reconstruction is necessary to accomplish one or more of the above conditions.
 - e. ___ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS: _____

(Well Construction Considerations on Reverse Side)

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
- a. ☐ review of the well log;
 - b. ☐ field inspection by _____;
 - c. ☐ report of CWRE _____;
 - d. ☐ other: (specify) _____
6. THE WELL construction deficiency:
- a. ☐ constitutes a health threat under Division 200 rules;
 - b. ☐ commingles water from more than one groundwater reservoir;
 - c. ☐ permits the loss of artesian head;
 - d. ☐ permits the de-watering of one or more groundwater reservoirs;
 - e. ☐ other: (specify) _____
7. THE WELL construction deficiency is described as follows: _____
8. THE WELL
- a. ☐ was, or constructed according to the standards in effect at the time of
 - b. ☐ was not original construction or most recent modification.
 - c. ☐ I don't know if it met standards at the time of construction.

RECOMMENDATION:

- A. ☐ I recommend including the following condition in the permit:
- "No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."
- B. ☐ I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.
- C. ☐ REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit

_____, 199____.

(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons: _____

_____, 199____.

(Signature)

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Groundwater/Hydrology Files Date Nov 10, 1994
 FROM: D. Woodcock
 SUBJECT: Groundwater Application G- 13764 Phone: _____
 Name: TYLER
 Applicant(s) seek 168 gpm (. 375 cfs) from ONE well(s) in the _____ basin
 Proposed use: Supp. Irr. _____ sub basin
 _____ sub basin.

Pertinent 7 1/2 - minute quads LAWRENCE CR

Well _____ WRD# BAKE 1407 T 11S R 43E S 6 Q QNWSE County BAKER
 Legal Description 570' N 1 460' E OF SW COR OF THE NW SE 1/4 1/4
 Well is 900 ft from PRITCHARD CR (river/stream)
 Well is _____ ft from _____ (river/stream)
 Well elevation 2930 ft. River/stream elevation 2850 ft.
 Well elevation - river/stream elevation 80'
 Well depth 350 SWL 80 on 11/18/87
 Sealed to 238 Depth first water found 210
 Cased to 238 Perforations/screens _____
 Lined to _____ Perforations/screens _____
 Well tests and types _____
 Confined or unconfined? CONFINED Hydraulically connected? POSSIBLY
 Potential to cause substantial interference? N.

Well _____ WRD# _____ T _____ R _____ S _____ Q _____ County _____
 Legal Description _____
 Well is _____ ft from _____ (river/stream)
 Well is _____ ft from _____ (river/stream)
 Well elevation _____ ft. River/stream elevation _____ ft.
 Well elevation - river/stream elevation _____
 Well depth _____ SWL _____ on _____
 Sealed to _____ Depth first water found _____
 Cased to _____ Perforations/screens _____
 Lined to _____ Perforations/screens _____
 Well tests and types _____
 Confined or unconfined? _____ Hydraulically connected? _____
 Potential to cause substantial interference? _____

Conditioned water rights in area: NONE FOUND
 Other nearby water rights of record: _____
 Density of nearby wells of record: LOW

Comments WELL IS CASED AND SEALED 238 FT DEEP. THIS SEALS OFF THE UPPER 210 FT OF FINE-GRAINED SEDIMENTS AND ANY WATER ENCOUNTERED IN THEM. WATER NOW COMES FROM 345-350 (BROKEN BLACK ROCK). HYDRAULIC RELATIONSHIP BETWEEN BEDROCK & OVERLYING SEDIMENTS IS UNKNOWN, BUT IT IS ASSUMED THAT WATER USE FROM THIS DEPTH WOULD HAVE A VERY MUTED IMPACT ON NEARBY SURFACE WATER.

References used: _____

