

Water Resources Department

MEMO

February 5, 1996

TO Application G- 13853

FROM GW: Michael Zwart
(Reviewer's Name)

SUBJECT Scenic Waterway Interference Evaluation

Yes

The source of appropriation is within or above a Scenic Waterway.

No

Yes

Use the Scenic Waterway condition (Condition 7J).

No

PREPONDERANCE OF EVIDENCE FINDING: (Check box only if statement is true)

At this time the Department is unable to find that there is a preponderance of evidence that the proposed use of ground water will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

FLOW REDUCTION: (To be filled out only if Preponderance of Evidence box is not checked)

Exercise of this permit is calculated to reduce monthly flows in _____ Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

13853

TO: Water Rights Section

Nov 23, 1994

FROM: Groundwater/Hydrology Section Don Miller
Reviewer's Name

SUBJECT: Application G- 13853

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.
N/A

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 _____; 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) _____;
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 _____ 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)

* If the well location were 1/4 mile or more from both the unnamed tributary and Cottonwood Creek, it would likely obtain a ~~2.a.~~ 2.b. conclusion (will not have the potential for substantial)

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Groundwater/Hydrology Files

Date Nov 22 1994

FROM: Don Miller

SUBJECT: Groundwater Application G- 13 053

Phone: 947-5900

Name: Perry Pammelee

Applicant(s) seek _____ gpm (2.64 cfs) from one well(s) in the

Proposed use: Irrigation Goose Lake basin
Cotton sub basin

Pertinent 7.1/2 - minute quads Lakeview NW

Well _____ WRD# Proposed T 39S R 19E S 2200 ba County Lake

Legal Description

Well is 2700' ft from Cottonwood CK (river/stream)

Well is 1000' ft from unnamed tributary of Cottonwood CK (river/stream)

Well elevation 4840 +/- ft. River/stream elevation 4815 ft.

Well elevation - river/stream elevation 25'

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? Both Hydraulically connected? yes

*Potential to cause substantial interference? yes to unnamed tributary but not Cottonwood CK directly

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: _____

Other nearby water rights of record: _____

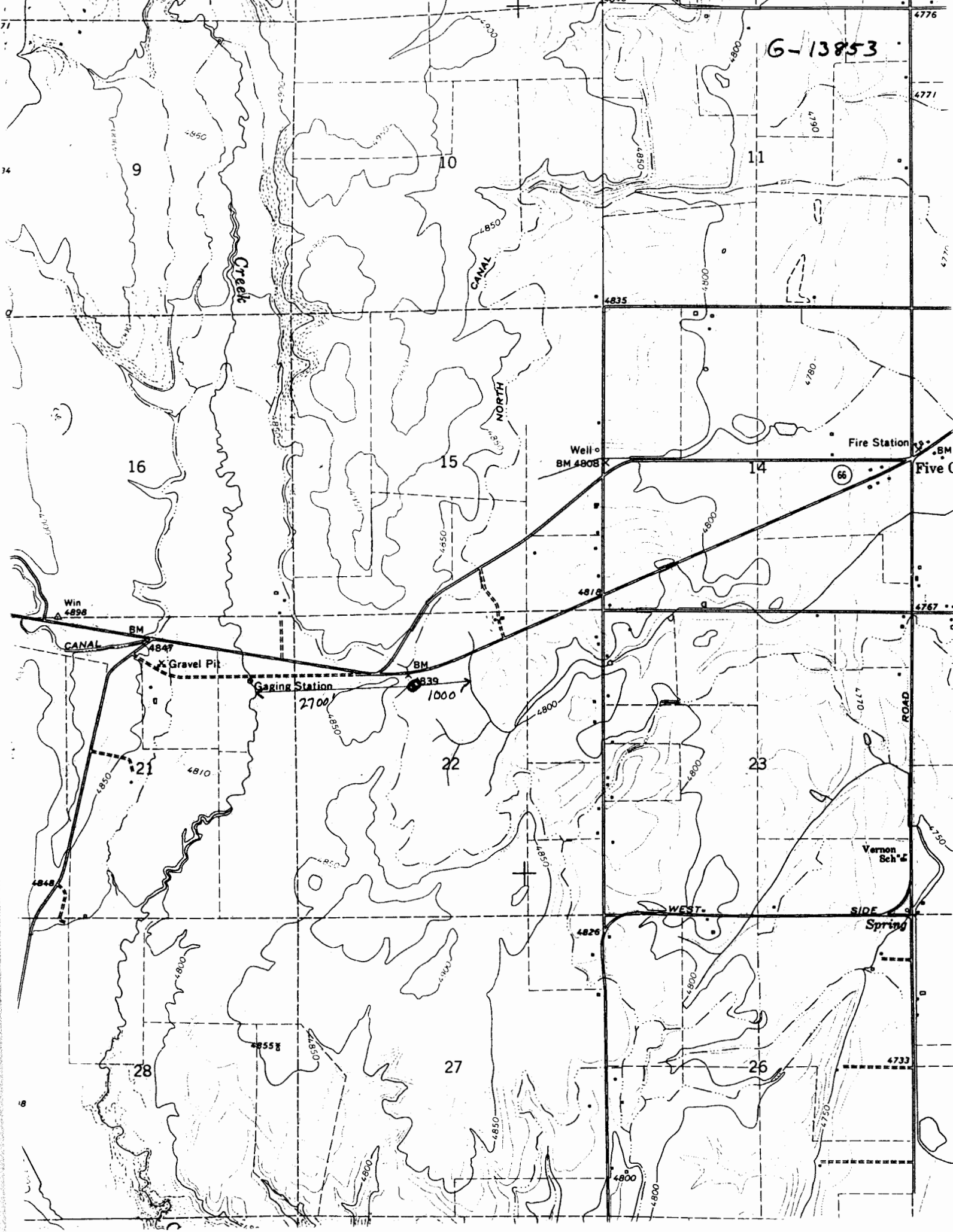
Density of nearby wells of record: _____

Comments The unnamed trib is a solid blue line on the top. The water source for the trib is probably leakage from the canal to the west. Water levels in local wells are pretty shallow

* Locating this well 1/4 mile or more from the unnamed trib + Cottonwood Creek would probably obtain a "NO" to this question.

References used: USGS WRI 87-4050

G-13853



Creek

CANAL NORTH

Well
BM 4808

Fire Station
BM
Five C

Win
4898

BM
4847

X Gravel Pit

Gaging Station
2700

BM
4839

1000

66

Vernon Sch

Spring

WEST

SIDE

4733

4776

4771

4767

4750

4733

4730

34

9

10

11

16

15

14

22

23

28

27

26

71

3

18