

TO: Water Rights Section *Ann 1/15/14*
FROM: Groundwater/Hydrology Section *Marc*
SUBJECT: Application G- 13334

Sent 1, 1993

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE ## G-13334

ROUTED TO: Tom Shook

TOWNSHIP/

RANGE-SECTION: 38 S/9E-32

CONDITIONS ATTACHED? Yes No

REMARKS OR FURTHER INSTRUCTIONS:

Well Reconstruction
Interference } Condit.
Decline

Reviewer: Marc A. Porto

1. PER THE _____ Basin rules, one or more of _____ feet/mile of a surface water source (_____): connected to the surface water.

2. BASED UPON OAR 690-09 currently in effect, I have determined:
a. _____ will, or _____ have the potential for substantial interference with
b. _____ will not _____ source, namely _____
c. will, if properly conditioned, adequately protect the
i. _____ The permit should contain condition #(s) _____
ii. _____ The permit should contain special condition _____
iii. The permit should be conditioned as indicated in item 4 below.
d. will, with well reconstruction, adequately protect the

3. BASED UPON available data, I have determined that groundwater:
a. ~~will~~ will, or _____ likely be available in the amounts required
b. _____ will not _____ within the capacity of the resource;
c. can, if properly conditioned, avoid injury to existing groundwater:
i. The permit should contain condition #(s) 4
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.

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.

G-13334

REMARKS: The well log indicates no seal - it should be required to be reconstructed

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: NO SEAL

8. THE WELL
- a. was, or
 - b. was not
 - c. I don't know if it met standards at the time of construction.
- constructed according to the standards in effect at the time of original construction or most recent modification.

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.

_____, 1993.
 (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: _____

_____, 1993.
 (Signature)

Water Resources Department

MEMO

March 27, 1996

TO Application G- 13334

FROM GW: Maria Norton
(Reviewer's Name)

SUBJECT Scenic Waterway Interference Evaluation

Yes
 No

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

Yes
 No

Use the Scenic Waterway condition (Condition 7J).

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

13334

TO: Water Rights Section

FROM: Groundwater/Hydrology Section

Marc A Norton
Reviewer's Name

Sept 7 1993

SUBJECT: Application G- 13334

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 surface water
b. ___ will not _____ 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 water from substantial interference.

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 and/or
b. ___ will not _____ within the capacity of the resource; or
c. can, if properly conditioned, avoid injury to existing rights or to the groundwater resource;
i. The permit should contain condition #(s) 4h 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.

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.

6-13334

REMARKS: The well log indicates no seal - it should be required to be reconstructed

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- a. review of the well log;
 - b. field inspection by _____;
 - c. report of CWRE _____;
 - d. other: (specify) _____

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 - b. was not original construction or most recent modification.
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- A. I recommend including the following condition in the permit:
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_____, 1993.
(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: _____

_____, 1993.
(Signature)

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Groundwater/Hydrology
FROM: Marc Norton
SUBJECT: Groundwater Application G- 13334

Date Sept 7, 1993

Applicants(s) seek 1390 gpm (3.1 cfs) from 1 well(s) in the Klamath River basin
_____ sub basin
_____ sub basin

Pertinent 7 1/2 - minute quads _____

Well # 9 WRD# _____ T 38S R 9E S 32 QQ _____ County Klamath

Legal Description _____
Well is 325 ft from Link River (river/stream)
Well is _____ ft from _____ (river/stream)
Well Elevation 4170 ft River/Stream elevation 4148 ft.
Well Elevation - River/Stream elevation 22'
Well depth 435 SWL .5' on 6/5/58
Sealed to NONE Depth first water found _____
Cased to 117 Perforations/screens OPEN HOLE
Lined to _____ Perforations/screens _____
Well test and types 4500 GPM @ 41.5' fdd after 4 hours
Confined or Unconfined Confined Direct hydraulic connection? _____
Potential to cause substantial interference? _____

Well _____ WRD# _____ T _____ R _____ S _____ QQ _____ 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 test and types _____
Confined or Unconfined _____ Direct hydraulic connection? _____
Potential to cause substantial interference? _____

Conditioned water rights in area: SEE ATTACHED SHEET

Other nearby water rights of record: _____

Density of nearby wells: _____

Comments: NO SEAL

References Used: _____

ORIGINAL
File Original and
duplicate with the
STATE ENGINEER,
ALEM, OREGON

WATER WELL REPORT

STATE OF OREGON

State Well No. G 861 ^{38/9-32 E(8)}
State Permit No. G 756

1) OWNER:

Name OREGON WATER CORPORATION
Address 630 CONGER AVENUE
KLAMATH FALLS, OREGON

2) LOCATION OF WELL:

County KLAMATH Owner's number, if any—
S.W. 1/4 N.W. 1/4 Section 32 T. 38 S R. 9 E. W.M.
Bearing and distance from section or subdivision corner
2163.27' S. 1342.60' W. from the N. 1/4 corner
of section 32, T. 38 S. R. 9E. W.M.

3) TYPE OF WORK (check):

Well Deepening Reconditioning Abandon
At abandonment, describe material and procedure in Item 11.

4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

6) CASING INSTALLED:

Threaded Welded
18.00 OD Diam. from plus 1 ft. to 117 ft. Gage 1/4"
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

7) PERFORATIONS:

Perforated? Yes No
Type of perforator used _____
SIZE of perforations in. by in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

8) SCREENS:

Well screen installed Yes No
Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

9) CONSTRUCTION:

Well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.
Was a surface seal provided? Yes No To what depth? _____ ft.
Material used in seal—
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

10) WATER LEVELS:

Static level 6" below land surface Date 6/5/58
Artesian pressure _____ lbs. per square inch Date _____

Log Accepted by:

Signed Blann A. Beaman Date June 9, 19 58
(Owner) UK&PRES.

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? Interstate
Yield: 4500 gal./min. with 41 1/2 ft. drawdown after 4 hrs.
" " " " " "
" " " " " "
Baller test gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water 68 Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well 18" inches.
Depth drilled 435 ft. Depth of completed well 433 ft.

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
top soil	0	7
brown basalt boulders	7	30
clay and boulders	30	80
boulders and clay (water flow)	80	85
clay and boulders	85	96
basalt boulders (reduced hole 20 to 18 @ 97')	96	100
black basalt	100	185
gray basalt	185	227
brown sticky shale with rock shells	227	276
blue shale	276	295
brown sticky shale	295	331
brown sticky shale with rock shells	331	362
black basalt (water flow)	362	368 1/2
broken hard basalt	368 1/2	377
hard conglomerate	377	385
yellow clay	385	388
basalt crevice	388	391
sticky brown shale with rock shells	391	424
black basalt	424	435

Work started 2/28/58 19 _____ Completed 6/5/58 19 _____

(13) PUMP:

Manufacturer's Name _____
Type: _____ H.P. _____

Well Driller's Statement:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME E.E. Storey Well Drilling
(Person, firm, or corporation) (Type or print)

Address 4237 Summers Lane, Klamath Falls

Driller's well number _____

[Signed] E.E. Storey
(Well Driller)

License No. 74 Date 6/9, 19 58

**GROUNDWATER APPLICATIONS
G - 13334**

Estimated number of wells within 1 mile radius of POA:

Approx. 50

Mostly domestic: 2 community
 3 thermal
 3 industrial
 2 irrigation
 2 municipal
 7 public supply
 1 geothermal
 2 test well
 1 injection

State observation wells within a 5 mile radius:

284 4/25/1968 4/21/1993

**Groundwater permits issued with extraordinary conditions
within a 5 mile radius:**

12350
12367
12663
12792

See map quad map for G-13224

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Other nearby water rights of record: _____
Density of nearby wells: _____

Comments: NO SEAL

References Used: _____

Sept 11, 1992

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