



Oregon

Theodore R. Kulongoski, Governor

RA

Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

INTEROFFICE MEMO

FORWARD TO:



Dorothy Pedersen
FIELD PROCESSOR WORKING ON THIS TRANSFER

DATE:

2-12-07

FROM:

~~_____~~ WATERMASTER, DISTRICT # _____
~~_____~~ GROUNDWATER SECTION

(SIGNATURE) *Don Miller* date signed 3/1/07
signed by injury reviewer

SUBJECT:

WATER RIGHT TRANSFER # 10310

A change in: POU POD POA USE of water.

In the name(s) of Duane & Ann Cummins

In my opinion (assuming the right is valid), the proposed change

3/1/07 MAY BE MADE WITHOUT INJURY WOULD RESULT IN INJURY* to an existing water right.

*The approval of this transfer application would result in injury to other water rights because

The existing right may not be valid because _____

Headgate notices HAVE HAVE NOT Been issued for diversion from the source(s) which serve(s) this right.

If for change in point of diversion, is there any intervening point(s) for diversion between the authorized and proposed points of diversion? (Yes or No) _____

In my opinion, the order approving the subject transfer application should include the following in regard to the appropriator installing suitable measuring devices in the diversion works:

_____ (1) PRIOR to the diverting of water at the new point of diversion . . .

_____ (2) WHEN IN the judgement of the watermaster it becomes necessary . . .

The enclosed copy of the transfer application and map(s) is for your records.

STATE OF OREGON
Water Resources Department
725 Summer St. N.E., Ste. A
Salem, OR 97301

MEMORANDUM

DATE: 3/1/2007

TO: File T-10310, Cummins
FROM: Donn Miller, Hydrogeologist *DWM*
SUBJECT: Transfer Comments

I have looked at information involved in this transfer application. Based on the water level elevations and locations, I conclude that all wells develop the same source, the main ground water reservoir of the Fort Rock Basin. See OWRD Ground Water Report #31 for source details. The well separations and aquifer hydraulics should allow the proposed changes to occur without injury to existing rights.

Ground water transfer distances in the Fort Rock Basin can be large. So, the transfer distance of about seven miles in this application can easily be accommodated.

NOTICE TO WATER WELL CONTRACTOR. The original and first copy of this report are to be filed with the

RECEIVED WATER WELL REPORT

T-10310

WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.

STATE OF OREGON (Please type or print)

State Well No. 255/15E-19

State Permit No.

WATER RESOURCES DEPT SALEM, OREGON

Lake 172

(1) OWNER:

Name Fritz L. Morrison Address Star Route, Silver Lake, OR 97481

(10) LOCATION OF WELL:

County Lake Driller's well number 1/4 Section 19 T. 255R. 15 E W.M.

(2) TYPE OF WORK (check):

New Well [X] Deepening [] Reconditioning [] Abandon [] If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary [X] Cable [] Driven [] Jetted [] Bored []

(4) PROPOSED USE (check):

Domestic [] Industrial [] Municipal [] Irrigation [X] Test Well [] Other []

(5) CASING INSTALLED:

14" Diam. from 1 above ft. to 100 ft. Gage 250

(11) WATER LEVEL: Completed well.

Depth at which water was first found 60 Static level 20 ft. below land surface. Date 1/23/80 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 9" Depth drilled 370 ft. Depth of completed well 370 ft. Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

Table with columns: MATERIAL, From, To, SWL. Rows include: Brown Clay (0-16), Black Stone (16-37), Green Stone (37-47), Black Stone (47-70), Blue Stone (70-90), Black Stone (90-95), Green Stone (95-138), Brown Stone (138-147), Black lava rock broken water bearing (147-187), Black sand stone (187-190), Green Stone (190-230), Grey Stone (230-245), Green Stone (245-258), Black sand water bearing (258-265), Grey Stone (265-274), Brown Cinders (274-335), Rock (335-355), Brown Cinder water bearing (355-360), Grey lava rock (360-370).

FROM D. MILLER'S FORT ROCK BASIN RECORDS IT APPEARS THIS WELL IS ACTUALLY IN 255/15E-32 DEC

Was a pump test made? [X] Yes [] No. Baller test 1000 gal./min. with ft. drawdown after hrs. at 150 lbs. Air

(9) CONSTRUCTION:

Well seal—Material used Cement Well sealed from land surface to 102 ft. Diameter of well bore to bottom of seal 18 in. Diameter of well bore below seal 9 in. Number of sacks of cement used in well seal 42 sacks How was cement grout placed? Cement was mixed up, pipe run down along side, and pressure grouted in. Was a drive shoe used? [] Yes [X] No Plugs [] Size: location [] ft. Did any strata contain unusable water? [] Yes [X] No Type of water? [] depth of strata [] Method of sealing strata off [] Was well gravel packed? [] Yes [X] No Size of gravel: [] Gravel placed from [] ft. to [] ft.

Work started 1/18 1980 Completed 1/23 1980 Date well drilling machine moved off of well 1/23 1980

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief. [Signed] Mel Search (Drilling Machine Operator) Date 1/23 1980 Drilling Machine Operator's License No. 699

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Name Mel Search Well Drilling (Person, firm or corporation) (Type or print) Address Box 432 Lebanon, OR. [Signed] Mel Search (Water Well Contractor) Contractor's License No. 567 Date 1/23 1980

FROM WELL

T-10310

STATE ENGINEER
Salem, Oregon

*Lake
175*

Well Record

STATE WELL NO. 27/15-3B(1)
COUNTY Lake
APPLICATION NO. U-784

OWNER: Clayton Mann MAILING ADDRESS: _____

LOCATION OF WELL: Owner's No. 2 CITY AND STATE: Fort Rock, Oregon

NW 1/4 NE 1/4 Sec. 3 T. 27 N. S., R. 15 W. W.M.

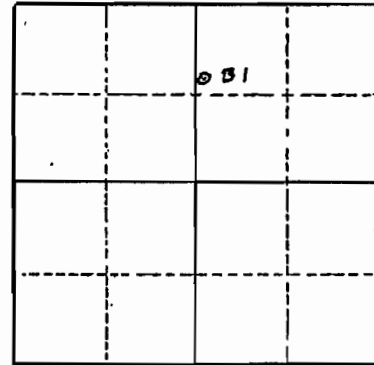
Bearing and distance from section or subdivision corner _____

Altitude at well 4318' per topo

TYPE OF WELL: drilled Date Constructed Apr. 1955

Depth drilled 75 Depth cased _____

CASING RECORD: 18 inch



Section 3

FINISH: _____

AQUIFERS: _____

WATER LEVEL: 23 ft. below land surface

W.L. Elev. ~ 4275

PUMPING EQUIPMENT: Type turbine H.P. _____
Capacity 1200 G.P.M.

WELL TESTS:
Drawdown 11 ft. after _____ hours pumping 1200 G.P.M.

Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Irrigation Temp. _____ °F. _____, 19_____

SOURCE OF INFORMATION _____

DRILLER or DIGGER _____

ADDITIONAL DATA: _____

Log X Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS: Permit U-710