

Dale McGhee & Sons Well Drilling, Inc.
3032 Allen Street, Kelso, WA 98626
office (360)423-8493 / fax (360) 423-9194

Tuesday, July 28, 1998

Department of Ecology
Attention: Deb Hunemuller
P O Box 4775
Olympia, WA. 98504-7775

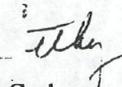
RE: Well logs for GPM Community Water Systems.

Dear Deb,

At this time the wells are exempt from Water Rights, if you have any concerns, please call the Engineer for this project. His name is Patrick Tanner and his phone number is 360-910-2033.

If I can be of any further help, please call.

Thank you.


Cathy

Enclosures: Well logs.

S

WATER WELL REPORT

Start Card No. **W105451**

Unique Well I.D. # **AEJ261**

Water Right Permit No. **Exempt**

STATE OF WASHINGTON

(1) OWNER: Name **G P M WATER SYSTEM** Address **11313 LEWIS RIVER ROAD ARIEL, WA 98603-**

(2) LOCATION OF WELL: County **COWLITZ** - NE 1/4 NW 1/4 Sec 20 T 6 N., R 4 E WM

(2a) STREET ADDRESS OF WELL (or nearest address) **BRISTLE CONE ROAD, ARIEL**

(3) PROPOSED USE: **COMMUNITY**

(10) WELL LOG

(4) TYPE OF WORK: Owner's Number of well **5**
 (If more than one)
NEW WELL Method: **ROTARY**

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 in formation.

(5) DIMENSIONS: Diameter of well **6** inches
 Drilled **67** ft. Depth of completed well **65** ft.

MATERIAL	FROM	TO
TOP SOIL WITH BOULDERS	0	02
CLAY WITH BOULDERS	02	09
SILTY SAND WITH GRAVEL	09	19
SAND RED AND GRAVEL	19	28
SAND COARSE AND GRAVEL	28	66
SAND MEDIUM W/SOME GRAVEL	66	67

(6) CONSTRUCTION DETAILS:
 Casing installed: **6** " Dia. from **+2.7** ft. to **54.3** ft.
WELDED " Dia. from ft. to ft.
Riser **5** " Dia. from **52.7** ft. to **54.9** ft.

Perforations: **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.

Screens: **YES**
 Manufacturer's Name **NAGAOKA**
 Type **TELESCOPING** Model No. **STAINLESS STEEL**
 Diam. **6** slot size **25** from **54.9** ft. to **65** ft.
 Diam. slot size from ft. to ft.

Gravel packed: **NO** Size of gravel
 Gravel placed from ft. to ft.

Surface seal: **YES** To what depth? **20.6** ft.
 Material used in seal **CEMENT GROUT**
 Did any strata contain unusable water? **NO**
 Type of water? Depth of strata ft.
 Method of sealing strata off

(7) PUMP: Manufacturer's Name
 Type H.P.

(8) WATER LEVELS: Land-surface elevation
 above mean sea level ... ft.
 Static level **10** ft. below top of well Date **06/17/98**
 Artesian Pressure lbs. per square inch Date
 Artesian water controlled by

6" Figure K-Packer from 51'11" to 52'7"

RECEIVED
 JUN 10 AM 5:7
 S.W. REGIONAL OFFICE

Work started **06/16/98** Completed **06/17/98**

(9) WELL TESTS: Drawdown is amount water level is lowered below static level.

WELL CONSTRUCTOR CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Was a pump test made? **NO** If yes, by whom?
 Yield: gal./min with ft. drawdown after hrs.

NAME **DALE MCGHEE & SONS, INC.**
 (Person, firm, or corporation) (Type or print)

ADDRESS **3032 ALLEN ST. KELSO, WA. 98626-5424**

Recovery data
 Time Water Level Time Water Level Time Water Level

[SIGNED] *Chas R. Mcghee* License No. **2115**

Date of test / /
 Bailer test gal/min. ft. drawdown after hrs.
 Air test **100+** gal/min. w/ stem set at **50** ft. for **1** hrs.
 Artesian flow g.p.m. Date
 Temperature of water Was a chemical analysis made? **NO**

Contractor's Registration No. **DALEMI#212MC** Date **07/06/98**



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Olympia, WA. 98504-7775

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Thank you.

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Enclosures: Well logs.

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WATER WELL REPORT

Start Card No. **W105463**
 Unique Well I.D. # **AEJ262**
 Water Right Permit No. **Exempt**

STATE OF WASHINGTON

(1) OWNER: Name **G P M WATER SYSTEM** Address **11313 LEWIS RIVER RD ARIEL, WA 98603-**

(2) LOCATION OF WELL: County **COWLITZ** - NE 1/4 NW 1/4 Sec 20 T 6 N., R 4 E WM
 (2a) STREET ADDRESS OF WELL (or nearest address) **BRISTLE CONE ROAD, ARIEL**

(3) PROPOSED USE: **COMMUNITY**

(10) WELL LOG

(4) TYPE OF WORK: Owner's Number of well
 (If more than one) **6**
NEW WELL Method: **ROTARY**

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 in formation.

(5) DIMENSIONS: Diameter of well **6** inches
 Drilled **67** ft. Depth of completed well **63.9** ft.

MATERIAL	FROM	TO
TOP SOIL WITH BOULDERS	0	02
CLAY SILTY WITH BOULDERS	02	10
SILTY CLAY WITH GRAVEL	10	21
SAND MEDIUM W/SOME GRAVEL	21	29
SAND COARSE WITE GRAVEL	29	65
SAND MEDIUM W/SOME GRAVEL	65	67
GRAVEL	65	67

(6) CONSTRUCTION DETAILS:
 Casing installed: **6** " Dia. from **+2.8** ft. to **54.5** ft.
WELDED riser **5** " Dia. from **51.1** ft. to **53.3** ft.

Perforations: **NO**
 Type of perforator used
 SIZE of perforations in. by in.
 perforations from ft. to ft.
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 perforations from ft. to ft.

Screens: **YES**
 Manufacturer's Name **NAGAOKA**
 Type **TELESCOPING** Model No. **STAINLESS STEEL**
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 Gravel placed from ft. to ft.

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 Type of water? Depth of strata ft.
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6" figure K packer from 50'5" to 51'1"

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(7) PUMP: Manufacturer's Name
 Type H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ... ft.
 Static level **10** ft. below top of well Date **06/18/98**
 Artesian Pressure lbs. per square inch Date
 Artesian water controlled by

Work started **06/17/98** Completed **06/18/98**

(9) WELL TESTS: Drawdown is amount water level is lowered below static level.
 Was a pump test made? **NO** If yes, by whom?
 Yield: gal./min with ft. drawdown after hrs.

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Recovery data
 Time Water Level Time Water Level Time Water Level
 Date of test / /
 Bailor test gal/min. ft. drawdown after hrs.
 Air test 100+ gal/min. w/ stem set at 49 ft. for 1 hrs.
 Artesian flow g.p.m. Date
 Temperature of water Was a chemical analysis made? **NO**

NAME **DALE MCGHEE & SONS, INC.**
 (Person, firm, or corporation) (Type or print)
 ADDRESS **3032 ALLEN ST. KELSO, WA.**
 [SIGNED] *Dale McGhee* License No. **2115**
 Contractor's
 Registration No. **DALEMI#212MC** Date **07/03/98**





STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

P.O. Box 47775 • Olympia, Washington 98504-7775 • (360) 407-6300

May 28, 1998

Dear Water Right Applicant:

Re: Water Application No. G2-29624

We have received your application for a water right and have assigned the application number indicated above. It would help us if you referred to it by number in future correspondence.

Due to a shortage of staff to meet the demand for service, new applications are being accepted and filed for future processing, but a public notice will not be sent at this time. Because we have approximately 5,000 pending applications for water rights statewide, it may be some time before we can get to your application. When we begin processing your application, we'll prepare a public notice and send it to you with publication instructions. It is very important that you notify us of any change of address or ownership of the property; or, if your plans for water use change.

We are working on the oldest applications on file as quickly as we are able. We are also looking for ways to speed up decision making. Please keep in mind that filing an application for water use does not authorize use of the water. With the many complexities of water law, including issues such as senior rights, fish habitat, and instream flows, favorable permit decisions are not always possible. I regret that a decision on your application cannot be made sooner and strongly advise against investing further in your project unless you are issued a water right permit.

I apologize that this is the best we can do currently. To better manage limited staff time, we have set the following office hours:

Telephone Calls

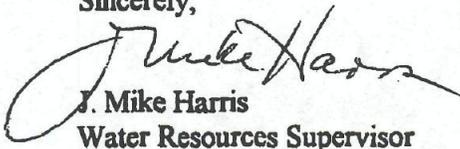
Mondays and Wednesdays
8:00 am to 4:00 pm

Walk-ins

Tuesdays and Thursdays
8:00 am to 12:00 (noon)

We will respond to your questions and concerns as soon as possible. Thank you for your continued patience.

Sincerely,


J. Mike Harris
Water Resources Supervisor

JMH:th (ackapp.doc)

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