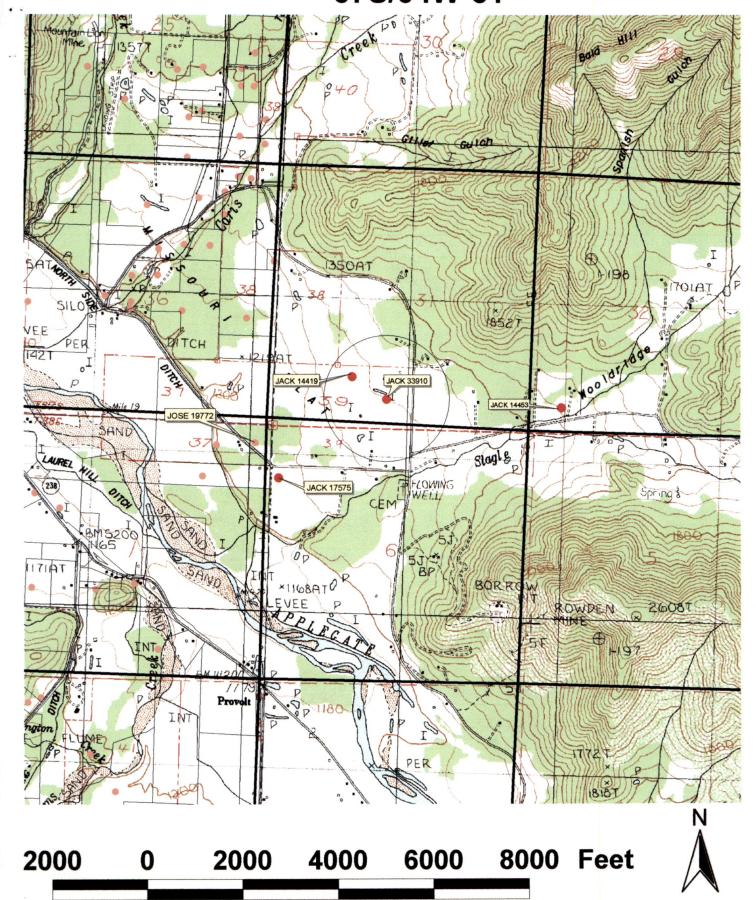
| N | ИЕМО | | | | | | _ | JUA | JE . | 5,21 | 006 | | |
|-----|-------------|---------------------|--------------------------------|---|-------------------|------------------|----------------------------|---------|----------------------|----------|----------|------------------------------|----|
| F | O ROM UBJEC | G | W: + | ion G //////////////////////////////////// | wer's Name) | 1. 8 | Ba Cl Evalu | O ation | | | | \$ | |
| | Ye No | Th | ae sourc | e of app | propriati | on is w | ithin or | above a | a Scenic | Water | way | | |
| | Ye. Ye. | | e the So | cenic W | aterway | conditi | on (Co | ndition | 7J). | | | | |
| PR | EPOND | At evic sur | this tin dence t face wa | ne the I hat the ter flow | Departm propos | nent is used use | unable of gro mainta | to find | that that that er wi | ere is a | a prepor | e) iderance reduce of a sce | 41 |
| Exe | OW REI | this per y the f | mit is collowin | alculate | ed to rec | luce mo | nthly f | lows in | | | | a | |
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | |

G-16673 Grapeland Acquisition 37S/04W-31



PUBLIC INTEREST REVIEW FOR GROUND WATER APPLICATIONS

| TO: Water Rights Section | | | | | Date | | | | | | | | | |
|--------------------------|-----------------------------|---------------------------|---|----------------------------------|------------------------|---------------------------------------|-----------------------------|-----------------------------|---|------------------|---|--------------------------|----------------------|----------------|
| FROM | [: | Grou | nd Water/ | Hydrology | Section _ | Iv | | | | | | | | |
| SUBJE | ECT: | Appl | ication G- | 16673 | | | | er's Name rsedes re | eview of | | NA | Date of Re | view(s) | |
| OAR 6 welfare to deter | 90-310-1 , safety ar | 30 (1) ind heal ether the | The Depart th as descr e presumpt | <i>ibed in ORS</i> ion is establ | presume the 537.525. I | <i>at a pro</i> Departi R 690-3 | oposed ment st 310-14 | taff review 0 allows t | ater use will of y ground wate he proposed u l agency policy | er app use be | lications u modified | inder OA or condi | R 690-31 tioned to | 10-140 meet |
| A. <u>GE</u> | NERAL | INFO | <u>PRMATIO</u> | <u>ON</u> : A | pplicant's | Name: | G | rapelano | d Acquisitio | on | (| County: | JACK | |
| A1. | Applica | nt(s) se | ek(s) <u>0.2</u> | 3 cfs from | m <u>1</u> | \ | well(s) | in the | Rogue | | | | | _Basin, |
| | | Appleg | ate River (| Slagle Cree | ek) | S | subbasi | in Qu | ad Map:AJ | ppleg | ate | | | |
| A2. | | | | | | | | | April 1 to | | | 1 | -: 4\. | |
| A3. | Well an | d aquif | | | | | posed | | rk proposed Location | wells | | | | da a a |
| Well | Logi | | Applicant Well # | Ac | oposed quifer* | Rat | te(cfs) | (T | /R-S QQ-Q) | | 2250' N | n, metes a N, 1200' E | fr NW co | r S 36 |
| 1 | JACK 3 | 33910 | 1 | be | drock | |).39 | 37S/04W-31 | | | 720' S, 520' W fr NE cor Davidson DLC 39 | | | |
| 2 | | | | | | | | | | | | | | |
| 3 4 | | | | - | | + | | - | | | | | | |
| 5 | | | | | | | | | | | | | | |
| * Alluvi | um, CRB, | Bedrocl | K | | | | | | | | | | | |
| Well | Well Elev ft msl | First Water ft bls | r SWL | SWL Date | Well Depth (ft) | Sea Interv (ft) | val | Casing Intervals (ft) | Liner Intervals (ft) | | forations Screens (ft) | Well Yield (gpm) | Draw Down (ft) | Test Type |
| 1 | 1320 | 105 | 10 | 10/31/77 | 200 | 0-95? | , (| 0-100 | NA | | - | 60 | 60 | A |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| T. I. | | | C | 1 11 | | | | | | | | | | |
| | | | for proposed | | | | | | | | | | | |
| A4. | Comme | ents: | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| A5. 🛛 | | | the Rogue | | - 11 | 1 . | C | | ıles relative to | | | | | |
| | (Not all | basin r | ules contai | n such provi | isions.) | | | | are, or 🛭 | | | ated by th | applic | |
| | | | | | | | | | | | | | | |
| A6. 🗌 | Name o | f admir | nistrative ar | rea: | | | | | p(s) an aquife | | | | rative res | triction. |
| | Comme | ints: | | | | | | | | | | | | |

| . B. <u>GR</u> | OUN | ND WATER AVAILABILITY CONSIDERATIONS, OAR 690-310-130, 400-010, 410-0070 |
|----------------|---|---|
| B1. | Bas | sed upon available data, I have determined that ground water* for the proposed use: |
| - | a. | is over appropriated, is not over appropriated, or is cannot be determined to be over appropriated during any period of the proposed use. * This finding is limited to the ground water portion of the over-appropriation determination as prescribed in OAR 690-310-130; |
| | b. | ■ will not or ■ will likely be available in the amounts requested without injury to prior water rights. * This finding is limited to the ground water portion of the injury determination as prescribed in OAR 690-310-130; |
| | c. | \square will not or \square will likely to be available within the capacity of the ground water resource; or |
| | d. | will, if properly conditioned, avoid injury to existing ground water rights or to the ground water resource: i. The permit should contain condition #(s) 7B, 7C, 7F; ii. The permit should be conditioned as indicated in item 2 below. iii. The permit should contain special condition(s) as indicated in item 3 below; |
| B2. | a. | Condition to allow ground water production from no deeper than ft. below land surface; |
| | b. | Condition to allow ground water production from no shallower than ft. below land surface; |
| | c. | ★ Condition to allow ground water production only from the water reservoir; ★ ground ground water production only from the water reservoir; |
| | d. | Well reconstruction is necessary to accomplish one or more of the above conditions. The problems that are likely to occur with this use and without reconstructing are cited below. Without reconstruction, I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Ground Water Section. |
| | | Describe injury —as related to water availability— that is likely to occur without well reconstruction (interference w/ senior water rights, not within the capacity of the resource, etc): |
| | | |
| | the Well general According area the The | Ground water availability remarks: *** Require applicant to install a properly functioning, totalizing flow meter on point of appropriation. Il yields in the area are relatively good, being generally greater than 10 gpm and as high as 100+ gpm. Well depths are erally less than 250 feet. Overall, the fractured bedrock aquifer has better than average yields for this area. Fording to Tom Wiley – DOGAMI, bedrock in the area consists of meta-sediments with some intrusives. The area lies or the contact between the granitic pluton and the meta-sediments. Some meta-volcanics have also been mapped in the analy appear as "sandstone" in well logs. The end of Slagle Creek Road is the contact between the granitic rocks and meta-sediments. The groundwater section database does not contain any permit condition reporting information for this area. There are eral groundwater rights in the area. I have received no well interference complaints from this area. |
| | _ | |
| | _ | |
| | | |
| | | |
| | | |

Application G-______continued

Date_____June 5 2006

C. GROUND WATER/SURFACE WATER CONSIDERATIONS, OAR 690-09-040

C1. **690-09-040** (1): Evaluation of aquifer confinement:

| Well | Aquifer or Proposed Aquifer | Confined | Unconfined |
|------|-----------------------------|----------|-------------|
| 1 | Bedrock | | \boxtimes |
| | | | |
| | | | |
| | | | |
| | | | |

Date

| Basis for aquifer confinement evaluation: Relatively shallow depth to first water, well-fractured nature of aquifer. |
|--|
| Aquifer likely progressively more confined with depth. |
| |
| |
| |

C2. **690-09-040 (2) (3):** Evaluation of distance to, and hydraulic connection with, surface water sources. All wells located a horizontal distance less than ¼ mile from a surface water source that produce water from an unconfined aquifer shall be assumed to be hydraulically connected to the surface water source. Include in this table any streams located beyond one mile that are evaluated for PSI.

| Well | SW # | Surface Water Name | GW Elev ft msl | SW Elev ft msl | Distance (ft) | Hydraulically Connected? YES NO ASSUMED | Potential for Subst. Interf Assumed | fer. ? NO |
|------|---------|--------------------|----------------------|----------------------|---------------|---|---|-----------------|
| 1 | 1 | Slagle Creek | 1310 | 1300 | 1600 | | | \boxtimes |
| 1 | 2 | Applegate River | 1310 | 1155 | 4900 | | | \boxtimes |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| Basis for aquifer hydraulic connection evaluation: Aquifer head greater than surface water stage, groundwater | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|
| discharge to streams known from late-summer flows. | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Water Availability Basin the well(s) are located within: APPLEGATE R > ROGUE R - AT MOUTH

C3a. 690-09-040 (4): Evaluation of stream impacts for <u>each well</u> that has been determined or assumed to be **hydraulically** connected and less than 1 mile from a surface water source. Limit evaluation to instream rights and minimum stream flows that are pertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. Compare the requested rate against the 1% of 80% *natural* flow for the pertinent Water Availability Basin (WAB). If Q is not distributed by well, use full rate for each well. Any checked box indicates the well is assumed to have the potential to cause PSI.

| Well | SW # | Well < ½ mile? | Qw > 5 cfs? | Instream Water Right ID | Instream Water Right Q (cfs) | Qw > 1% ISWR? | 80% Natural Flow (cfs) | Qw > 1% of 80% Natural Flow? | Interference @ 30 days (%) | Potential for Subst. Interfer. Assumed? |
|------|---------|----------------|-------------|----------------------------------|---------------------------------------|---------------------|---------------------------------|---------------------------------------|----------------------------------|--|
| 1 | 1 | | | na | na | | na | | <25%* | |
| 1 | 2 | | | MF249 | 120 | | 45.8 | | <25%* | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

C3b. **690-09-040 (4):** Evaluation of stream impacts by total appropriation for all wells determined or assumed to be hydraulically connected and less than 1 mile from a surface water source. Complete only if Q is distributed among wells. Otherwise same evaluation and limitations apply as in C3a above.

| SW # | Qw > 5 cfs? | Instream Water Right ID | Instream Water Right Q (cfs) | Qw > 1% ISWR? | 80% Natural Flow (cfs) | Qw > 1% of 80% Natural Flow? | Interference @ 30 days (%) | Potential for Subst. Interfer. Assumed? |
|---------|-------------|----------------------------------|---------------------------------------|---------------------|---------------------------------|---------------------------------------|----------------------------------|--|
| | | | | | | | | |
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| | | | | | | | | |
| | | | | | | | | |

| Comments: *Given the two surface water boundaries, the complex nature of the fractured bedrock aquifer, and unknown |
|---|
| hydraulic conductivity and storage values, making a suitable estimate from the Jenkins or Hunt analytical models is not |
| appropriate at this time. Many of the model assumptions are not met within this hydrogeological scenario. |
| |
| |
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| |

C4a. **690-09-040 (5):** Estimated impacts on **hydraulically connected surface water sources greater than one mile** as a percentage of the proposed pumping rate. Limit evaluation to the effects that will occur up to one year after pumping begins. This table encompasses the considerations required by 09-040 (5)(a), (b), (c) and (d), which are not included on this form. Use additional sheets if calculated flows from more than one WAB are required.

| Non-D | istributed | Wells | | | | | | | | | | | |
|------------------------------|--------------|----------|----------|-----|-----|----------|-----|----------|-----|----------|-----|-----|-----|
| Well | SW# | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| | | % | % | % | % | % | % | % | % | % | % | % | % |
| Well Q | as CFS | | | | | | | | | | | | |
| | rence CFS | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | buted Well | | | | | | | | u. | | 0 | | ъ |
| Well | SW# | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| | | % | % | % | % | % | % | % | % | % | % | % | % |
| | as CFS | | | | | | | | | | | | |
| Interfer | ence CFS | | | | | | | | | | | | |
| | | % | % | % | % | % | % | % | % | % | % | % | % |
| Well Q | as CFS | | | | | | | | | | | | |
| Interfer | rence CFS | | | | | | | | | | | | |
| | | % | % | % | % | % | % | % | % | % | % | % | % |
| Well Q | as CFS | | | | | | | | | | | | |
| | rence CFS | | | | | | | | | | | | |
| | | % | % | % | % | % | % | % | % | % | % | % | % |
| Well O | as CFS | | | | | | | | | | | | |
| | rence CFS | | | | | | | | | | | | |
| | | % | % | % | % | % | % | % | % | % | % | % | % |
| Well O | as CFS | | | | | | | | | | | | |
| | rence CFS | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| (A) = Te | otal Interf. | | | | | | | | | | | | |
| (B) = 80 |) % Nat. Q | | | | | | | | | | | | |
| (C) = 1 | % Nat. Q | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| $(\mathbf{D}) = (A$ | A) > (C) | √ | - | √ | 1 | V | √ | √ | √ | 1 | 4 | 1 | √ |
| $(\mathbf{E}) = (\mathbf{A}$ | A / B) x 100 | % | % | % | % | % | % | % | % | % | % | % | % |

(A) = total interference as CFS; (B) = WAB calculated natural flow at 80% exceed. as CFS; (C) = 1% of calculated natural flow at 80% exceed. as CFS; (D) = highlight the checkmark for each month where (A) is greater than (C); (E) = total interference divided by 80% flow as percentage.

| oplication G- <u>16673</u> Continued | Date | June 5, 2006 |
|---|---|---|
| | | |
| Basis for impact evaluation: | | |
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| | | |
| | | |
| b. 690-09-040 (5) (b) The potential to impair or or Rights Section. | detrimentally affect the public interest is to be | determined by the Wa |
| . If properly conditioned, the surface water source under this permit can be regulated if it is found to i. The permit should contain condition # | substantially interfere with surface water: | , and/or ground water u |
| ii. The permit should contain condition a | dition(s) as indicated in "Remarks" below; | |
| SW / GW Remarks and Conditions The Applegate Resystem, is likely to be impacted the greatest from the promuch less incised into the local geology, and is likely described and the river will somewhat delay the impact. Potential for substantial interference was not found as the rate of appropriation does not exceed one percent of | roposed groundwater use. Slagle Creek is a much lry during the late summer months. The distance the proposed POA is greater than one-quarter mile | smaller drainage and between the proposed e from surface water an |
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| | | |
| | | |
| References Used: USGS Applegate topographic ma | n 1:24 000 | |
| OWRD GRID well log database and interactive mappi | | |
| Wiley, Tom, May 2006, verbal communication. | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| Applic | eation G-16673 Continued | Date | June 5, 2006 |
|-------------|---|-------------------------|---------------|
| D. W | ELL CONSTRUCTION OF B (00 400 | | |
| D. <u>W</u> | ELL CONSTRUCTION, OAR 690-200 | | |
| D1. | Well #: Logid: | | |
| D2. | THE WELL does not meet current well construction standard a. review of the well log; b. field inspection by | - | |
| | c. report of CWRE | | |
| | d. other: (specify) | | |
| D3. | THE WELL construction deficiency: a. | ervoirs; | |
| D4. | THE WELL construction deficiency is described as follows: _ | | |
| | | | |
| | | | |
| | | | |
| D5. | THE WELL a. was, or was not constructed according to a construction or most recent in | | t the time of |
| | b. I don't know if it met standards at the | e time of construction. | |
| D6. [| Route to the Enforcement Section. I recommend withholding is filed with the Department and approved by the Enforcement Se | | |
| THIS | SECTION TO BE COMPLETED BY ENFORCEMENT | PERSONNEL | |
| D7. [| ☐ Well construction deficiency has been corrected by the following | actions: | |
| Σ,. [| | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | ••• |
| | (Enforcement Section Signature) | | , 200 |
| | | | |
| D8. [| ☐ Route to Water Rights Section (attach well reconstruction log | gs to this page). | |
| | | | |

Water Availability as of 6/1/2006 for

APPLEGATE R > ROGUE R - AT MOUTH

Watershed ID #: 249 Basin: ROGUE

Exceedance Level: 80

Time: 13:23

Date: 06/01/2006

Select an Item Number for More Details

Item # Watershed ID # Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Sto

266 YES YES YES YES YES NO NO NO YES NO YES YES

31531008 NO NO NO NO YES NO NO NO NO NO NO NO YES 31531001 NO NO NO NO YES NO NO NO NO NO NO NO YES 3 31531002 NO YES

4 249 NO YES 5

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

Water Availability as of 6/1/2006 for

APPLEGATE R > ROGUE R - AT MOUTH

Watershed ID #: 249

Basin: ROGUE

Exceedance Level: 80

0.00 360.00

0.00| 0.00| 300.00|

0.00 360.00

Time: 13:23

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360.00

360.00

| 12 | 300.00

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0.00 | 0.00 | 0.00 | 0.00 |

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|0.00|

Date: 06/01/2006

| Mont | h Noture | | ntivl Evn | octed Bosonied Instroom |
|--------|------------|----------|-----------|-----------------------------|
| I Moni | | | | ected Reserved Instream Net |
| | | | | Stream Require- Water |
| | Flow | Storage | FIOW | Flow ments Available |
| | 070.00 | 4.071 | 000 001 | 0.001 .000.001 .00.001 |
| 1 | 373.00 | 4.97 | 368.00 | 0.00 300.00 68.00 |
| 2 | 674.00 | 438.00 | 235.00 | |
| 3 | 792.00 | 437.00 | 354.00 | 0.00 340.00 14.40 |
| i 4 i | 662.00 | 459.00 | 203.00 | 0.00 340.00 -137.00 |
| 5 | 591.00 | 41.60 | 549.00 | 0.00 360.00 189.00 |
| 6 | 222.00 | 57.20 | 165.00 | 0.00 360.00 -195.00 |
| j 7 j | 91.80 | 75.50 | 16.20 | 0.00 120.00 -104.00 |
| 8 | 59.00 | 62.70 | -3.74 | 0.00 120.00 -124.00 |
| 9 | 45.80 | 41.90 | 3.87 | 0.00 120.00 -116.00 |
| 10 | 56.00 | 15.30 | 40.70 | 0.00 360.00 -319.00 |
| 11 | 146.00 | 3.48 | 143.00 | 0.00 360.00 -217.00 |
| 12 | 244.00 | 4.26 | 240.00 | 0.00 300.00 -60.30 |
| Stor-5 | 0% 4210 | 000 974 | 484 323 | 3000 0 204000 160000 |
| | | | | |

DETAILED REPORT OF INSTREAM REQUIREMENTS

Water Availability as of 6/1/2006 for

APPLEGATE R > ROGUE R - AT MOUTH

| ALL LEGATE IT > HOUSE IT AT MOUTH | | | | | | | | | |
|-----------------------------------|-------------------------------------|-------------|---------------------------------------|-------|--------|-------|--|------------|------------------|
| | Wate | ershed ID # | t: 24 | 19 | Basin: | ROGU | E | Excee | edance Level: 80 |
| | Time: 13:23 Date: 06/01/2006 | | | | | | | | 06 |
| 1 | | | | | | | | | I |
| | | | | | | | | // A A | |
| | APP # MF 249 0 0 0 0 0 0 MAX | | | | KIMUMI | | | | |
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| i | Stati | is Cert. | 1 | 1 | 1 1 | 1 | 1 | i i | |
| | Otato | .0 0011. | · · · · · · · · · · · · · · · · · · · | | | | l | · | _1 |
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| | 1 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 300.00 |
| | 2 | 300.00 | 0.00 | 00.00 | 0.00 | 0.00 | 0.00 | 0.00 | 300.00 |
| ĺ | 3 i | 340.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 340.00 |
| | 4 | 340.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | 5 | 360.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 360.00 |
| | 6 | 360.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 360.00 |
| | | | | | | | and the same of th | 0.00 | 120.00 |
| | 7 | 120.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| | 8 | 120.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 120.00 |
| | i 9 i | 120.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 120.00 |

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

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date

OF THE COMPLETION.

WATER WELL REPORT

STATE OF OREGON

33910 3ACK State Well No. 38/4W-3/00

State Permit No.

| (1) OHINER NOV 1/1/1977 | | | | |
|--|---|------------|-----------|--------------------------|
| (I) OWNER: | (10) LOCATION OF WELL: | | | |
| Name Dick Troom RECOUNTES DEPT. | County Jack Son Driller's well | number | | |
| Address 1475 Kubli RSALEM, OREGON | **** | R. 4w | | W.M |
| Grants Pass. OR 97526 (2) TYPE OF WORK (check): | Bearing and distance from section or subdivi | | r | |
| | | | | |
| New Welly Deepening Reconditioning Abandon If abandonment, describe material and procedure in Item 12. | | | i | - |
| | (11) WATER LEVEL: Completed | well. | | |
| (3) TYPE OF WELL: (4) PROPOSED USE (check): | 7 | 05 | | |
| Rotary Driven Domestic M Industrial Municipal [| Static level 10 ft. below land | - | Doto 11 | 1 /24 /7 |
| Dug | Artesian pressure lbs. per squa | | | 0/21// |
| CASING INSTALLED: Threaded Welded Ex | (12) WELL LOG: Diameter of well | below casi | ing | -6 |
| "Diam. fromft. toft. Gage | Depth drilled 200 ft. Depth of comp | | | 00 ft. |
| " Diam. from ft. to ft. Gage | Formation: Describe color, texture, grain size | and struct | ure of | materials |
| PERFORATIONS: Perforated? Yes XX No. | and show thickness and nature of each strat- with at least one entry for each change of form, position of Static Water Level and indicate pri | um and aq | uifer pe | enetrated |
| Type of perforator used | | From | To | SWL |
| Size of perforations in. by in. | | + | | |
| perforations from ft. to ft. | granite | 0 | 90 | |
| perforations from ft. to ft. | Granite, brown med hard | | -/- | |
| perforations fromft. toft. | w/fractures | 90 | 125 | |
| (7) SCREENS: Well screen installed? Yes XX No | Granite, gray hard w/fract. | 125 | 200 | 10 |
| Manufacturer's Name | | | | |
| TypeModel No | | | | |
| Diam. Slot size Set from ft. to ft. | | | | |
| Diam. Slot size Set from ft. to ft. | | +-+ | | |
| (8) WELL TESTS: Drawdown is amount water level is lowered below static level | | | | |
| Was a pump test made? Yes X No If yes, by whom? | | | - | |
| Yield: gal./min. with ft. drawdown after hrs. | | | | |
| W W | | | | |
| II | 17 | | | |
| All properties test 60 gal./min. with 60 ft. drawdown after 1 hrs. | : | | | |
| Artesian flow g.p.m. | | | | |
| perature of water Depth artesian flow encountered ft. | | | | |
| | Work started 10/31 1977 Complete | d 11/2 | | 1977 |
| (9) CONSTRUCTION: Well seal—Material used - Cement Grout | Date well drilling machine moved off of well | 11 | /2 | 1977 |
| The state of the s | Drilling Machine Operator's Certification: | | | |
| Well sealed from land surface to | This well was constructed under my | direct s | uperv | ision. |
| Diameter of well bore to bottom of seal10in. | Materials used and information reported best knowledge and belief | above are | true | to my |
| Diameter of well bore below seal | [Signed] | | | |
| Number of sacks of cement used in well stal | Drilling Machine Operator's License No | | | |
| | Water Well Contractor's Certification: | | | |
| ************************************** | This well was drilled and | | | • |
| Was a drive shoe used? XYes \(\sum \) No Pug Size: location ft. | This well was drilled under my jurisdic true to the best of my knowledge and belie | PT. | his rep | ort is |
| Did any strata contain unusable water \(\bar{\pi} \) Yes \(\bar{\chi} \) No | Name McClanahan Well Drillin | g | | |
| Type of water? dept of strata | (Person, firm or corporation) | (Type | or print) | |
| Method of sealing strata off | Address 141 NF Beach Drive Cta | pts.Pas | s,0I | R |
| Vas well gravel packed? ☐ Yes M No Size of gravel: | [Signed] (Water/Well Contrac | M | ~ | no tride propolentarion. |
| Gravel placed from ft ft. | | | • | |
| (USE ADDITIONAL SYN | Contractor's License No614. DateNo. | vember | .3, | 197.7 |