

Water Resources Department

MEMO

April 30, 1996

TO Application G- 14219

FROM GW: Marc A 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

61241

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE #:: G-14219

ROUTED TO: W.R.

TOWNSHIP/
RANGE-SECTION: 55/1W-8

CONDITIONS ATTACHED? yes no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Mara Norton

TO: Water Rights Section

April 30 1996

FROM: Groundwater/Hydrology Section

Marc A Norton

Reviewer's Name

SUBJECT: Application G- 14219

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.
- 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) TB;
 - 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)

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

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

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

_____, 199____.
(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: _____

_____, 199____.
(Signature)

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Groundwater/Hydrology
FROM: Marc Norton
SUBJECT: Groundwater Application G- 14219

Date 4/30/96

Applicants(s) seek 32 gpm (_____ cfs) from 2 wells in the
Willamette basin
Pudding sub basin
_____ sub basin

Blgej

Pertinent 7 1/2 - minute quads Woodburn

Well 1 WRD# _____ T 55 R 1W S 8 QQ _____ County Marion

Legal Description _____
Well is 3000 ft from Mill Creek (river/stream)
Well is _____ ft from _____ (river/stream)
Well Elevation 185 ft River/Stream elevation 150 ft.
Well Elevation - River/Stream elevation 35 ft.
Well depth ~130 ft SWL 20-40 ft on _____
Sealed to _____ ft Depth first water found _____ ft
Cased to _____ ft Perforations/screens _____ ft
Lined to _____ ft Perforations/screens _____ ft

Well test and types _____
(Confined/Semi-confined/Unconfined) Direct hydraulic connection? YES / NO
Potential to cause substantial interference? Minimal

Well 2 WRD# _____ T 55 R 1W S 8 QQ _____ County Marion

Legal Description _____
Well is 3500 ft from UnNamed trib to Pudding (river/stream)
Well is _____ ft from _____ (river/stream)
Well Elevation 185 ft River/Stream elevation 135 ft.
Well Elevation - River/Stream elevation 50 ft.
Well depth ~130 ft SWL _____ ft on _____
Sealed to _____ ft Depth first water found _____ ft
Cased to _____ ft Perforations/screens _____ ft
Lined to _____ ft Perforations/screens _____ ft

Well test and types _____
(Confined/Semi-confined/Unconfined) Direct hydraulic connection? YES / NO
Potential to cause substantial interference? Minimal

Conditioned water rights in area: _____

Other nearby water rights of record: _____

Density of nearby wells: _____

Comments: _____

References Used: _____

ORIGINAL
File Original and
Duplicate with the
STATE ENGINEER,
SALEM, OREGON

RECEIVED WATER WELL REPORT 1662 State Well No. 5/1W-80(1)
NOV 13 1957 STATE OF OREGON State Permit No. 6358

(1) OWNER:

Name Arthur C Jaeger SALEM, OREGON
Address 1735 Hardcastle Rd.
Woodburn, Oregon

(2) LOCATION OF WELL:

County Marian Owner's number, if any- 358
SW 1/4 SE 1/4 Section 8 T. 5S R. 1 W W.M.
Bearing and distance from section or subdivision corner
510.1 feet N. 83° 27' E. from the
SW corner of the C. C. Cooley DLC

(3) TYPE OF WORK (check):

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

PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED:

8" Diam. from 0 ft. to 132 ft. Gage standard
" 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
Model No.
Slot size Set from ft. to ft.
Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Was 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 ft. below land surface Date
Artesian pressure lbs. per square inch Date

Log Accepted by:

[Signed] Arthur C. Jaeger Date Nov. 6, 1956
(Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? driller
Yield: 95 gal./min. with 41 ft. drawdown after 4 hrs.
" " " "
" " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well 8 inches.
Depth drilled 132 ft. Depth of completed well 132 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
Surface	0	4
Gray sandy clay	4	18
Brown sand	18	55
Gray clay	55	57
Black sand	57	106
Sand and gravel	106	115
Blue clay	115	117
Brown sandy clay	117	119
Blue sandy clay	119	131
Small gravel	131	132

Application No. G-14219
Permit No.

RECEIVED

DEC 07 1956

182 187
10 10
WATER RESOURCES DEPT
SALEM, OREGON

Work started Oct. 31 1956. Completed Nov. 6 1956

(13) PUMP:

Manufacturer's Name
Type: Turbine H.P. 5

Well Driller's Statement:

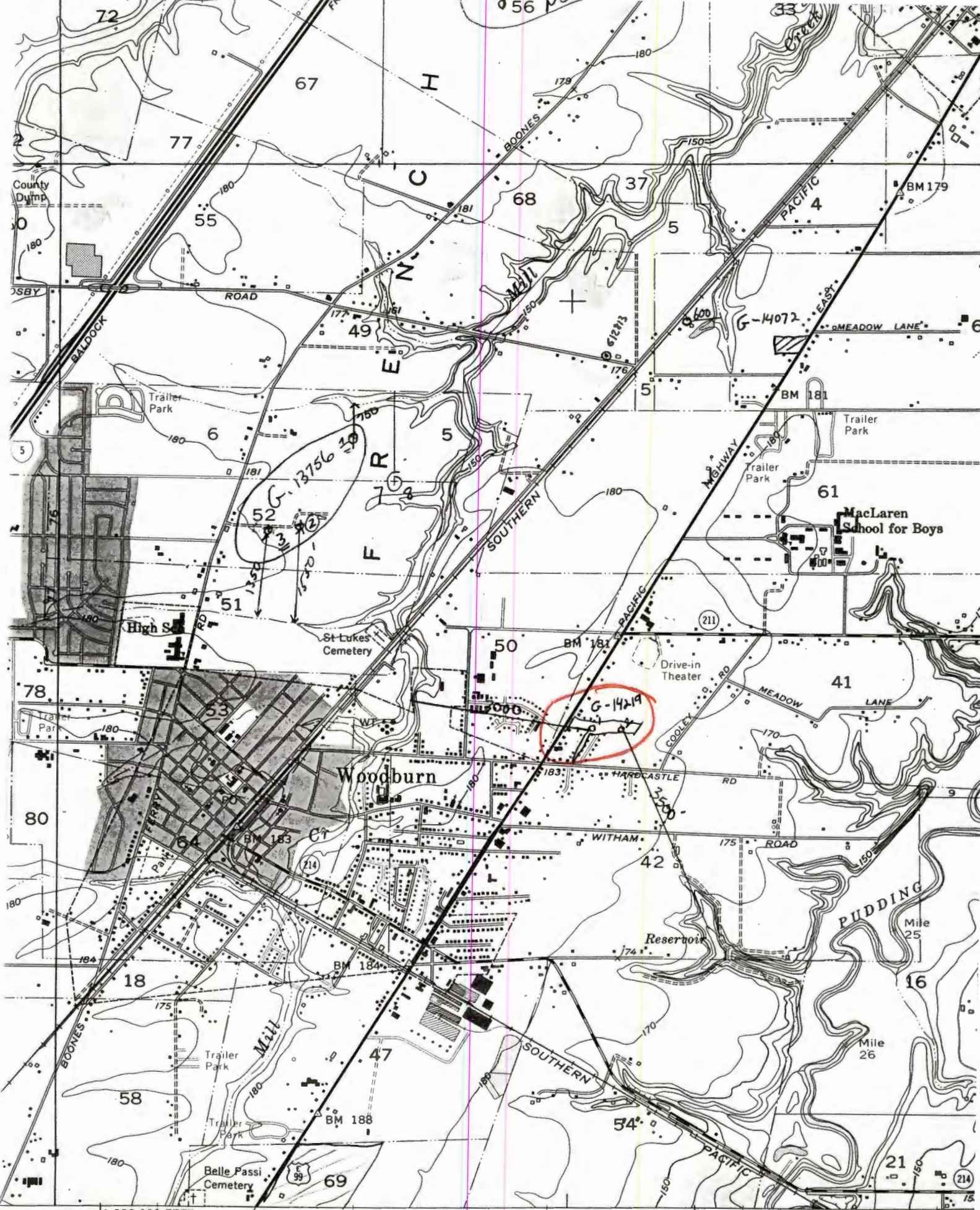
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME John Truman Miller
(Person, firm, or corporation) (Type or print)
Address Rte 1 Box 259 Hubbard, Oregon

Driller's well number

[Signed] John Truman Miller
(Well Driller)

License No. 39 Date Nov. 6, 1956



edited, and published by the Geological Survey
 USGS, USC&GS, USCE, and State of Oregon

REVIEW CHECKLIST
FOR G-14219

- Appropriate parts of the stream index
- Estimated number of wells within one-mile radius & identified types.
- Verify that the well log is in application. If not, provide one.
- State observation wells within five-mile radius.
- List groundwater permits within a five-mile radius with extraordinary conditions.

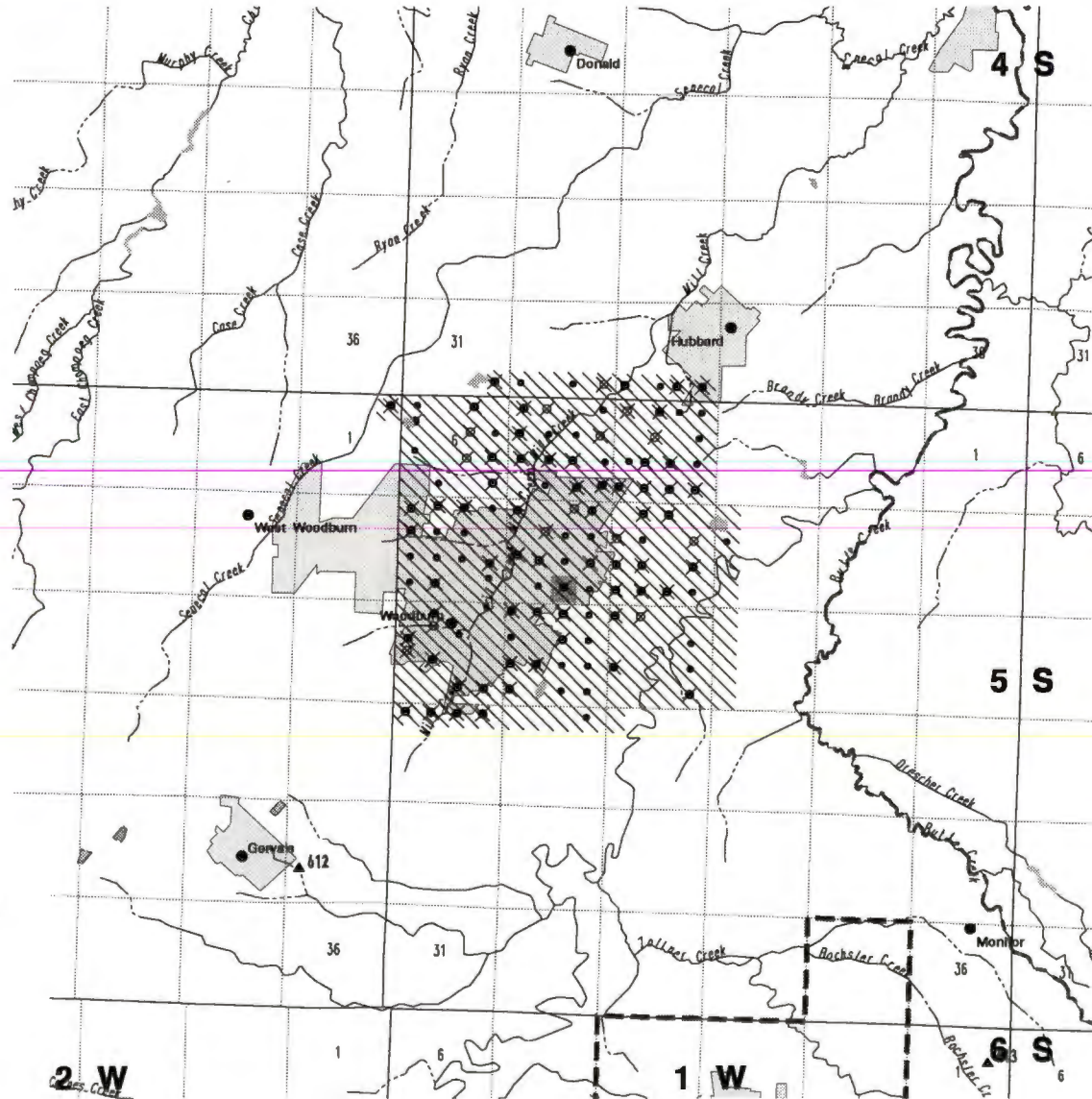
2 wells

APPLICATIONS WITH PERMIT CONDITIONS: *SS 1W & SWSE*

G13381	G12987	G13504	G12547	G13173
13469	13757	13303	12719	12921
13144	13310	13480	13070	13389
12475	13475	12408	12914	12794
13166	12813	13266	13083	12581
13505	13756	13707	13255	12725
13872	13518	12189	13388	
13035	13519	12513	13895	
13230	13237	13084	13366	
13378	13352	13137	13484	
12714	13780	13382	13460	
13330	12799	13139	13331	
13396	13082		13391	

Wells in the vicinity of application G 14219

- Application well(s) in this 1/4-1/4 section
- ◻ Well(s) identified in this section from OWRD's well log database within 1 mi. radius of application well(s)
- Well(s) identified in this 1/4-1/4 section from OWRD's well log database within 1 mi. radius of application well(s)
- ⊗ Permitted well(s) in this 1/4-1/4 section within 1 mi. radius of application well(s)
- ▲ OWRD Observation well and well-id within 5 mi. radius of application well(s)
- Critical GW Area
- - - Regulated GW Area



WELLS WITHIN 1 MILE OF G 14219

DO	80
ID	18
IL	1
IM	9
IR	74
MO	21
MU	14

PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 14219

PERMIT	T/R/S/QQ	USE	RATE	UNITS
GR 888	4.00S 1.00W31SESE	IR	0.1228	C
G 8389	4.00S 1.00W32SESE	IR	0.3800	C
GR 16	4.00S 1.00W33SWSW	IR	0.8929	C
G 3352	4.00S 1.00W33SWSE	IR	0.1000	C
G 500	4.00S 1.00W33SESE	IR	0.2100	C
G 3739	5.00S 2.00W 1NENE	IR	1.1100	C
G 5669	5.00S 1.00W 6NWNW	IR	0.7800	C
G 8079	5.00S 1.00W 5NWNW	IR	0.1100	C
G 8669	5.00S 1.00W 5NENW	IR	0.2800	C
G 2878	5.00S 1.00W 4NWNW	IR	1.2100	C
G 5640	5.00S 1.00W 4NENW	IR	0.5600	C
G 7347	5.00S 1.00W 4NENW	IR	0.0700	C
G 1012	5.00S 1.00W 6SWNW	FI	0.4500	C
G 7592	5.00S 1.00W 6SWNW	FI	0.6700	C
G 5284	5.00S 1.00W 6SWNE	IR	0.2900	C
G 6399	5.00S 1.00W 6SWNE	IR	0.2000	C
G 8340	5.00S 1.00W 6SWNE	IR	0.2900	C
G 825	5.00S 1.00W 5SWNW	IR	0.1000	C
G 825	5.00S 1.00W 5SWNW	IR	0.1400	C
G 6948	5.00S 1.00W 5SWNW	IR	0.0600	C
G 6948	5.00S 1.00W 5SWNW	IS	0.0600	C
GR 399	5.00S 1.00W 5SWNW	IR	0.1339	C
GR 935	5.00S 1.00W 5SWNW	IR	0.0558	C
G 11643	5.00S 1.00W 5SENE	IR	0.2700	C
G 10882	5.00S 1.00W 4SENE	IR	0.6900	C
G 10311	5.00S 1.00W 6NWSE	IR	1.4200	C
GR 4046	5.00S 1.00W 6NESE	IR	0.0670	C
G 378	5.00S 1.00W 5NWSW	IR	0.0550	C
G 6949	5.00S 1.00W 5NWSW	IR	0.0800	C
GR 840	5.00S 1.00W 5NESW	IR	0.6696	C
G 11678	5.00S 1.00W 5NWSE	IR	0.1879	C
G 6708	5.00S 1.00W 4NESW	IS	0.6600	C
G 2657	5.00S 1.00W 4NWSE	IR	0.2500	C
G 7723	5.00S 1.00W 4NWSE	IR	0.1900	C
G 2027	5.00S 1.00W 6SESE	IR	0.0600	C
G 2027	5.00S 1.00W 6SESE	IR	0.3400	C
G 2843	5.00S 1.00W 6SESE	IR	0.5000	C
G 3325	5.00S 1.00W 6SESE	IR	0.0600	C
GR 1083	5.00S 1.00W 5SWSE	ID	0.1116	C
GR 240	5.00S 1.00W 5SESE	ID	0.2232	C
GR 2736	5.00S 1.00W 4SWSW	IR	0.0893	C
GR 591	5.00S 1.00W 4SESW	ID	0.7813	C
G 11449	5.00S 1.00W 4SWSE	IR	0.1980	C
G 11924	5.00S 1.00W 4SWSE	IR	0.1300	C
GR 2004	5.00S 1.00W 4SWSE	IR	0.1339	C
GR 3760	5.00S 1.00W 4SESE	IR	0.5580	C
G 11921	5.00S 1.00W 7NENW	MU	3.1200	C
G 1880	5.00S 1.00W 7NWNW	IR	0.1500	C
G 1880	5.00S 1.00W 7NWNW	IR	1.0000	C
GR 834	5.00S 1.00W 7NWNW	IR	1.3393	C
GR 1302	5.00S 1.00W 8NWNW	IR	0.3795	C
G 10398	5.00S 1.00W 8NWNW	IR	0.0200	C
GR 1478	5.00S 1.00W 8NENE	IR	0.7143	C
GR 3837	5.00S 1.00W 9NENW	ID	1.4509	C
GR 3838	5.00S 1.00W 9NWNW	IR	0.8594	C
G 2593	5.00S 1.00W 7SWNW	MU	0.1100	C
G 2593	5.00S 1.00W 7SWNW	MU	1.0000	C
G 12029	5.00S 1.00W 7SWNW	MU	1.3400	C
G 2539	5.00S 1.00W 8SENE	IR	0.1000	C
G 4869	5.00S 1.00W 9SWNW	IR	0.1000	C
G 2710	5.00S 1.00W 9SENE	IR	0.1600	C

GR	2666	5.00S	1.00W	8NWSW	IR	0.1674	C
G	6354	5.00S	1.00W	8NESW	MU	1.6700	C
G	3799	5.00S	1.00W	7NESE	IR	0.0300	C
G	6962	5.00S	1.00W	7NESE	IR	0.0300	C
G	244	5.00S	1.00W	8NESE	IR	0.1700	C
G	7088	5.00S	1.00W	8NESE	AH	0.2000	C
G	7088	5.00S	1.00W	8NESE	IR	0.0200	C
GR	1031	5.00S	1.00W	9NWSW	IR	0.3348	C
GR	1032	5.00S	1.00W	9NWSW	IR	0.2232	C
GR	1043	5.00S	1.00W	9NWSW	IR	0.3348	C
G	1030	5.00S	1.00W	9NESW	IR	0.0900	C
G	1030	5.00S	1.00W	9NESW	IR	0.1800	C
G	7249	5.00S	1.00W	9NESW	IR	0.0800	C
G	9044	5.00S	1.00W	9NESW	IR	0.0700	C
G	9045	5.00S	1.00W	9NESW	IR	0.0700	C
GR	1005	5.00S	1.00W	9NESE	IR	0.0670	C
GR	2270	5.00S	1.00W	7SESW	MU	1.1161	C
G	358	5.00S	1.00W	8SWSE	IR	0.0600	C
G	10931	5.00S	1.00W	8SWSE	MU	2.2300	C
G	1990	5.00S	1.00W	9SWSW	IR	0.2100	C
G	3651	5.00S	1.00W	9SWSW	IR	0.1400	C
GR	700	5.00S	1.00W	9SESW	IR	0.0893	C
GR	2735	5.00S	1.00W	9SWSE	IR	0.1116	C
GR	2267	5.00S	1.00W	18NENW	MU	0.6696	C
GR	2268	5.00S	1.00W	18NENW	MU	1.1161	C
GR	2269	5.00S	1.00W	18NENW	MU	1.1161	C
GR	3815	5.00S	1.00W	18NENW	MU	0.6696	C
GR	194	5.00S	1.00W	17NWNW	IR	0.0223	C
GR	841	5.00S	1.00W	17NENW	IR	0.2143	C
GR	3310	5.00S	1.00W	17NWNW	IR	0.2232	C
G	188	5.00S	1.00W	16NWNW	IR	0.2700	C
G	170	5.00S	1.00W	16NENW	IR	0.1600	C
G	630	5.00S	1.00W	18SENW	IR	0.3200	C
G	630	5.00S	1.00W	18SENW	IS	0.2800	C
GR	2619	5.00S	1.00W	18SWNW	IR	0.0446	C
G	5297	5.00S	1.00W	17SWNE	IR	1.6700	C
G	997	5.00S	1.00W	18NWSW	IR	0.0400	C
G	435	5.00S	1.00W	18NESW	IR	0.0900	C
G	1514	5.00S	1.00W	18NESW	IR	0.0700	C
G	2324	5.00S	1.00W	17NWSW	IM	1.7800	C
GR	2122	5.00S	1.00W	17NWSW	IM	1.2277	C
GR	2123	5.00S	1.00W	17NWSW	IM	1.6741	C
GR	3124	5.00S	1.00W	17NWSW	IM	0.3348	C
G	8173	5.00S	1.00W	17NESW	IM	0.6700	C
G	5720	5.00S	1.00W	16NWSW	IR	0.7600	C
GR	724	5.00S	1.00W	18SWSE	IR	0.3348	C
G	4543	5.00S	1.00W	18SESE	IM	1.7800	C
GR	787	5.00S	1.00W	18SESE	IR	0.1875	C
G	1968	5.00S	1.00W	17SWSW	IM	1.1100	C
G	1968	5.00S	1.00W	17SWSW	IM	1.7800	C
G	5501	5.00S	1.00W	16SESE	IS	0.3500	C
GR	152	5.00S	1.00W	16SESE	IR	0.3214	C
G	4153	5.00S	1.00W	19NWNW	IR	0.4600	C
G	5384	5.00S	1.00W	19NWNW	IR	0.3900	C
G	6246	5.00S	1.00W	19NWNW	IR	0.4100	C
G	6246	5.00S	1.00W	19NWNW	IR	1.2500	C
G	6252	5.00S	1.00W	19NENW	IR	0.1900	C
G	1	5.00S	1.00W	19NWNW	IR	0.2400	C
GR	2727	5.00S	1.00W	19NWNW	IR	0.0446	C
G	2723	5.00S	1.00W	19NENE	IR	0.1600	C