

Water Resources Department

MEMO

May 19, 1997

TO Application G- 14512

FROM GW: D. Woodcock
(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

G-14512

TO: Water Rights Section

May 19, 1997

FROM: Groundwater/Hydrology Section Doug Woodcock

Reviewer's Name

SUBJECT: Application G- 14512

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 Smob CR; or
 - c. will if properly conditioned, adequately protect the surface water from interference:
 - i. The permit should contain condition #(s) 7B;
 - 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) 7A;
 - 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)

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE ## G 14512

ROUTED TO: WATER RIGHTS

TOWNSHIP/

RANGE-SECTION: 36 S / 6W-27

CONDITIONS ATTACHED? yes no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: D. Woodcock

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Ground Water/Hydrology
FROM: Doug Woodcock
SUBJECT: Groundwater Application G- 14512

Date 5-19-97

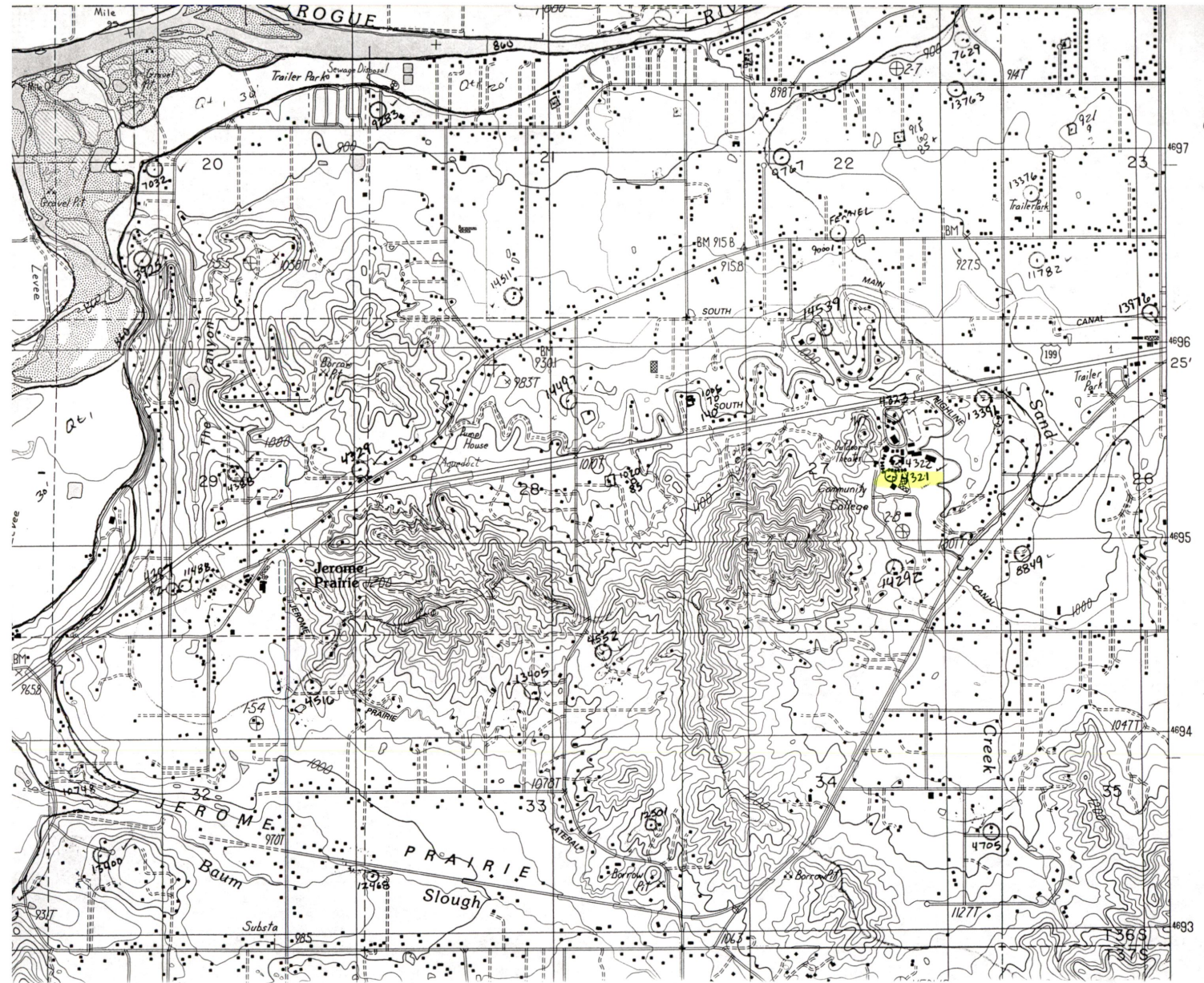
Applicant(s) seek 25 gpm (cfs) from ONE wells in the ROGUE basin
Applicants Name: ROGUE COMM. COLLEGE SAND CR sub basin
Proposed Use: DOM/IRR. sub basin

Well WRD# JOSE 4436T 36S R 6W S 27 QQ MUSE County JOSEPHINE
Legal Description 2'S + 820'E OF C 1/4 SECTION 27
Well is 2600 ft from SAND CR (river/stream)
Well is 8000 ft from ROGUE R. (river/stream)
Well Elevation ~ 1030 ft River/Stream elevation ~ 970 ft.
Well Elevation - River/Stream elevation 60 ft.
Well depth 166 ft SWL 15 ft on 7/24/74
Sealed to 27 ft Depth first water found 56 ft
Cased to 54 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? UNLIKELY

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 ft.
Well depth 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?

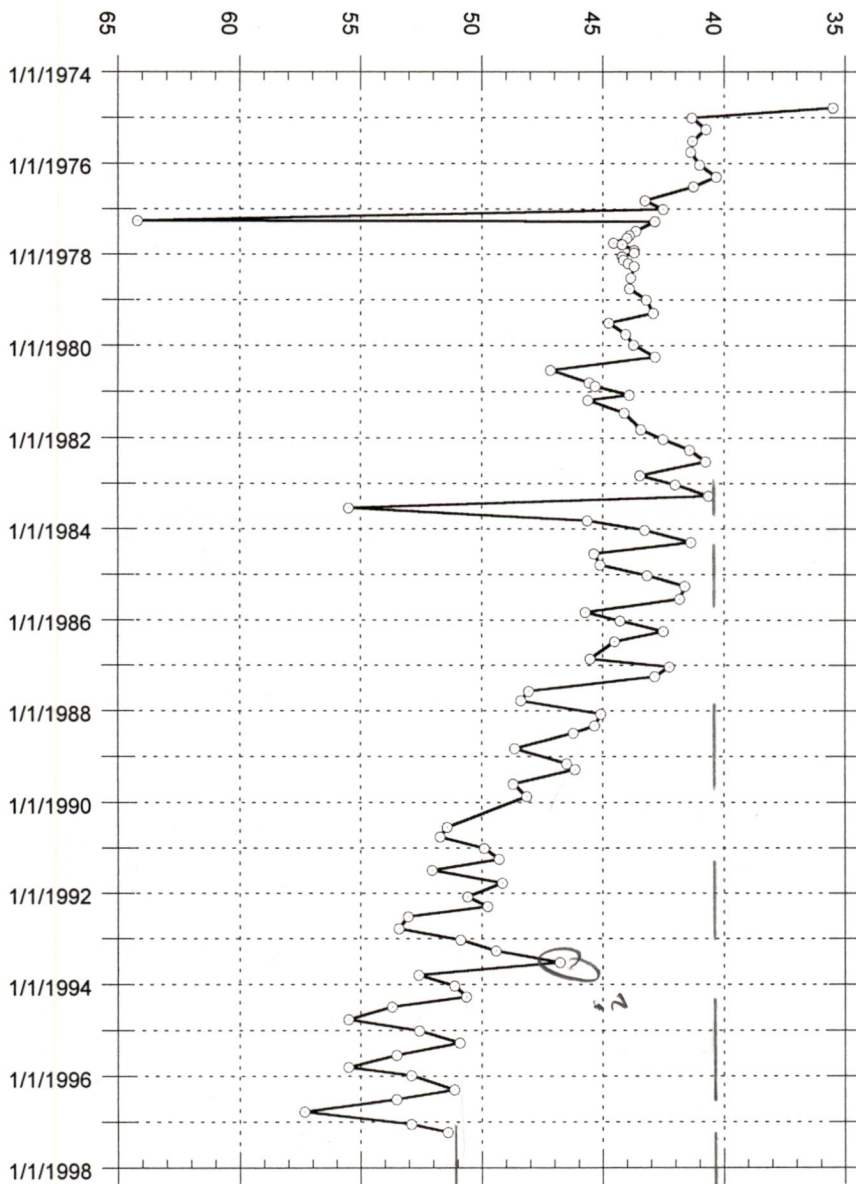
Comments: WELL IS DEVELOPED IN GRANITIC ROCK OF THE GRANTS PASS PLUTON. THIS IS OBS WELL #256. THE HYDROGRAPH SHOWS ~ 11 FT OF DECLINE SINCE 1983. THE SLOPE OF THE DECLINE IS DECREASING THE LAST FEW YEARS. THE DECLINE DOES NOT APPEAR TO BE EXCESSIVE. LOW POTENTIAL FOR SUBSTANTIAL INTERFERENCE. CONDITION W/ TA - LOOKING FOR A PLAN ON HOW RCC WILL COORDINATE W/ OWRD ON COLLECTING GOOD QUARTERLY MEASUREMENTS. (WE'RE HAVING A PROBLEM GETTING GOOD STATIC MEASUREMENTS IN SOME CASES.) AS THIS IS AN EXISTING USE AN ADDITIONAL STRESS ON THE SYSTEM IS NOT ANTICIPATED

References Used: GRANTS PASS GW STUDY (UNPUBLISHED DATA)



QAF INCL
TRUSS
SLOPE
QAF INCL
SLOPE

Water Level
(feet below land surface)

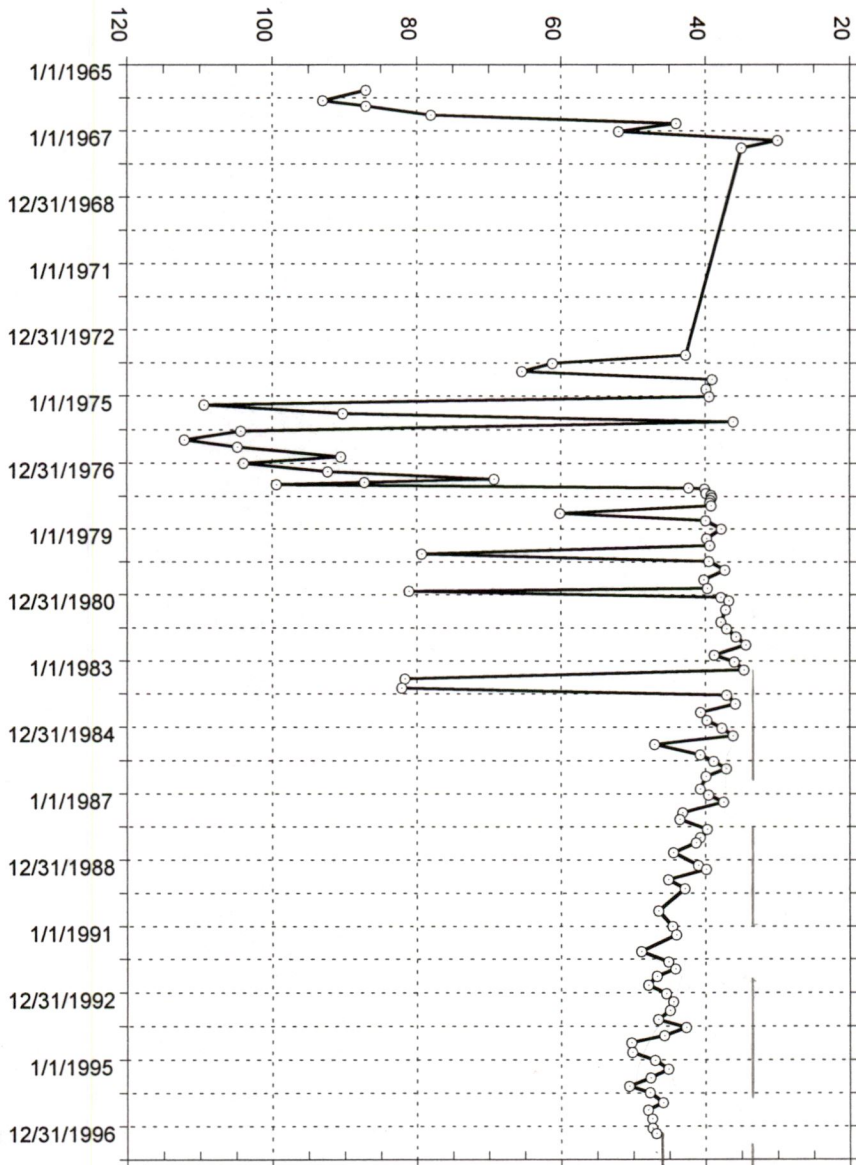


RCC WELL # 3
South Well
T36S/R6W-27

Obs Well # 256

$\frac{10.9}{14} = 0.77 \text{ ft/yr}$
 40.5
 10.90
 51.40

Water Level
(feet below land surface)

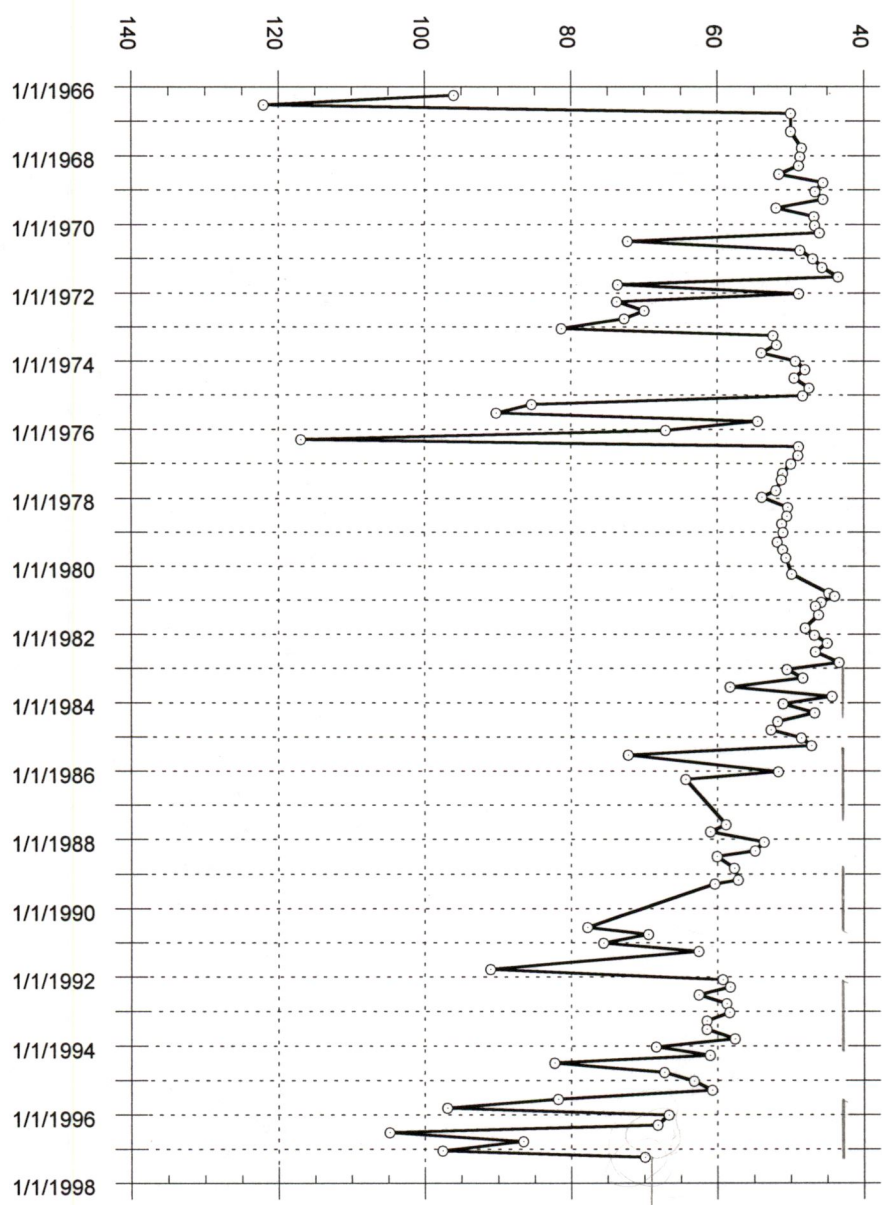


RCC #1 (Middle Well)
T36S/R6W-27acd1
Jose 4322

$$\frac{12.8}{14} = .91 \text{ ft/yr}$$

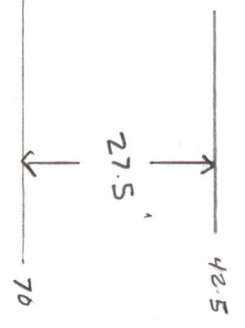
34
12.8
46.8

Water Level
(feet below land surface)



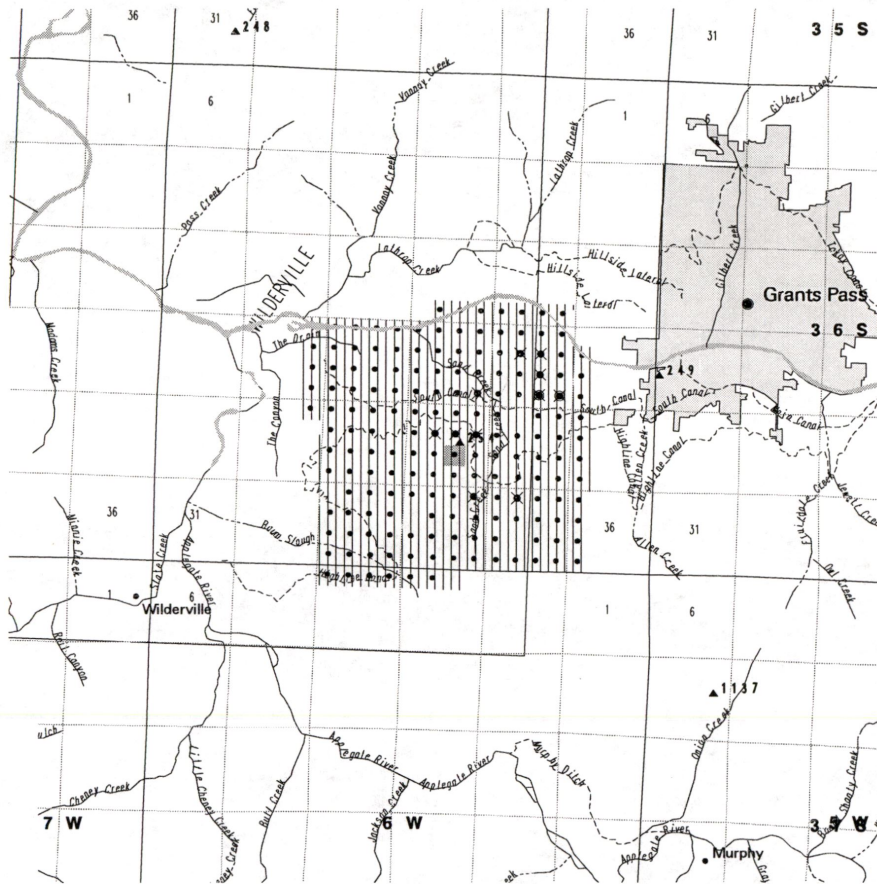
ROGUE COMMUNITY COLLEGE
WELL # 2 (north well)
T36S/R6W-27aca

$$\frac{27.5}{14} = 1.96 \text{ ft/yr}$$



Wells in the vicinity of application G 14512

- 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)
- Conditioned, permitted well(s) in this 1/4-1/4 section within 5 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 14512
 DO 2038
 IM 2
 IR 4
 MU 24

PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 14512

\$RECNO	APPLICATION	PERMIT	LOC-QQ	USE	RATE	DIV-UNITS
1	G	11443	G 10788	36.00S 6.00W23SENW CM	0.2500	C
1	G	11443	G 10788	36.00S 6.00W23SENW DO	0.3100	C
2	G	11443	G 10788	36.00S 6.00W23SWNE CM	0.2500	C
2	G	11443	G 10788	36.00S 6.00W23SWNE DO	0.3100	C
3	G	11443	G 10788	36.00S 6.00W23NWSE CM	0.2500	C
3	G	11443	G 10788	36.00S 6.00W23NWSE DO	0.3100	C
4	G	4370	G 4122	36.00S 6.00W22SESE IR	0.0300	C
5	G	12671	G 11770	36.00S 6.00W23SWSE GD	105.0000	G
6	G	12671	G 11770	36.00S 6.00W23SESE GD	105.0000	G
7	G	8022	G 7425	36.00S 6.00W27SENW IR	0.0700	C
8	G	3164	G 2977	36.00S 6.00W27SWNE DO	50.0000	G
9	G	14020	G 12754	36.00S 6.00W27SENE GD	0.0700	C
10	G	577	G 524	36.00S 6.00W34NENE IR	0.0600	C
11	G	772	G 702	36.00S 6.00W35NENW IR	0.0200	C

CONDITIONED WELLS WITHIN 5 MILES OF APPLICATION G 14512

\$RECNO	APPLICATION	PERMIT	LOC-QQ	CONDITION-CODE
1	G	12671	G 11770	36.00S 6.00W23SWSE 4HG
1	G	12671	G 11770	36.00S 6.00W23SWSE 4HR
1	G	12671	G 11770	36.00S 6.00W23SWSE 4IG
1	G	12671	G 11770	36.00S 6.00W23SWSE 4IR
2	G	12671	G 11770	36.00S 6.00W23SESE 4HG
2	G	12671	G 11770	36.00S 6.00W23SESE 4HR
2	G	12671	G 11770	36.00S 6.00W23SESE 4IG
2	G	12671	G 11770	36.00S 6.00W23SESE 4IR

APPLICATION G 14512 FALLS WITHIN THESE QUAD(S)

WILDERVILLE
