TO: Water Rights Section

AUG 27, 1997

FROM: Groundwater/Hydrology Section D. WOODCOCK
Reviewer's Name

SUBJECT: Application G- 14590

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 APPLEGATE R. ; 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) 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

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: _____

G-14590

(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

MEMO AUG 27, 1997

TO **Application G-** 14590

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.

NO GENERALLY ACCEPTED HYDROGEOLOGIC METHOD

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

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE #: G-14590

ROUTED TO: WATER RIGHTS

TOWNSHIP/
RANGE-SECTION: 38S/5W-1

CONDITIONS ATTACHED? [✓] yes [ ] no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: D. Woodcock

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Ground Water/Hydrology Date 8-27-97
FROM: Doug Woodcock
SUBJECT: Groundwater Application G- G-14590

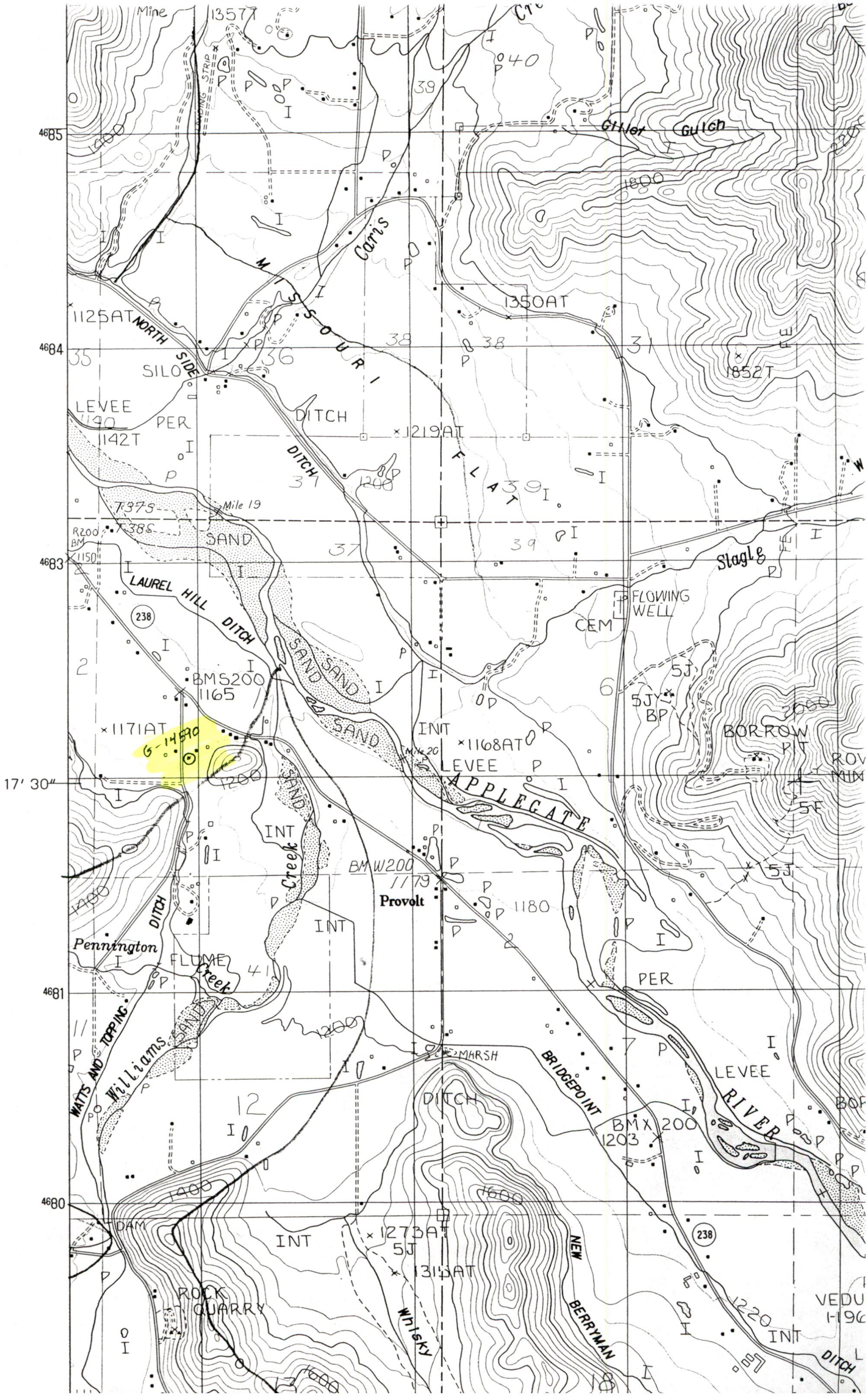
Applicant(s) seek 45 gpm (_____cfs) from ONE wells in the APPLEGATE R. basin
Applicants Name: SECCO _____ sub basin
Proposed Use: IRR 8 AC. _____ sub basin

Well _____ WRD# JOSE 1928 T 38S R 5W S 1 QQ NESW County JOSE
Legal Description 1830 'N + 1470 E OF SW COR SEC 1
Well is 1350 ft from WILLIAMS CR (river/stream)
Well is 2000 ft from APPLEGATE R. (river/stream)
Well Elevation 1180 ft River/Stream elevation ~1150 (APPLE.) ft.
Well Elevation - River/Stream elevation 30 ft.
Well depth 106 ft SWL 10 ft on 7/17/97
Sealed to 22 ft Depth first water found 84 ft
Cased to 35 ft Perferations/screens — ft
Lined to _____ ft Perferations/screens _____ ft
Well test and types 75 GPM AIR TEST
(Confined/Semi-confined/Unconfined) Direct hydraulic connection? YES / NO
Potential to cause substantial interference? NOT LIKELY

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

Comments: THE WELL IS CONSTRUCTED INTO GRANITIC ROCK OF THE GREYBACK PLUTON. GROUNDWATER FLOW IS GENERALLY TOPOGRAPHICALLY CONTROLLED IN THESE FRACTURED ROCKS. THUS, GW FLOW SHOULD BE GENERALLY TO THE NORTH, TOWARDS THE APPLEGATE RIVER. GW IN THE FRACTURED ROCK IS INDIRECTLY CONNECTED TO SURFACE WATER. LOW POTENTIAL FOR SUBSTANTIAL INTERFERENCE.
NO RECORD OF WELL INTERFERENCE COMPLAINTS IN THE COUNTY FILES

References Used: _____



Mine
13577
LANDING STRIP
040
39
Gillet Gulch
4685
1800
Caris
MISSOURI FLAT
1125AT
NORTH SIDE
1350AT
4684
35
SILO
36
38
31
1852T
LEVEE
PER
DITCH
1219AT
1142T
1200
37
39
T37S
T38S
Mile 19
R200 BM
1150
SAND
4683
LAUREL HILL DITCH
Slagle
FLOWING WELL
CEM
238
2
SAND
5J
6
BMS200
1165
5J
BP
BORROW PIT
1171AT
G-14590
INT
1168AT
Mile 20
LEVEE
17' 30"
1200
APPLEGATE
5F
INT
Creek
BM W200
1179
Provolt
1180
5J
1400
DITCH
INT
Pennington
FLUME
41
Creek
PER
4681
WATTS AND TOPPING
Williams
SAND
1200
MARSH
BRIDGEPOINT
LEVEE
12
DITCH
RIVER
BM X 200
1203
1400
4680
1600
DAM
1273AT
5J
INT
1313AT
NEW BERRYMAN
238
ROCK QUARRY
Whisky
1220
INT
DITCH
18
1600

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date of well completion.

STATE OF OREGON

(Please type or print) (Do not write above this line)

OCT 26 1973

STATE ENGINEER
SALEM, OREGON

State Well No. 38S/5W-1

State Permit No. 1880

(1) OWNER:

Name Tom Burkett

Address 315 Messinger Rd.

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☒ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒

6" Diam. from 0 ft. to 35 ft. Gage .250

" Diam. from ft. to ft. Gage

" Diam. from ft. to ft. Gage

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.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name

Type Model 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 ☒ No If yes, by whom?

Yield: gal./min. with ft. drawdown after hrs.

" " "

" " "

Bailer test 75 gal./min. with 71 ft. drawdown after 1 hrs.

Artesian flow g.p.m.

Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used cement

Well sealed from land surface to 22 ft.

Diameter of well bore to bottom of seal 9 in.

Diameter of well bore below seal 6 in.

Number of sacks of cement used in well seal 3 sacks

Number of sacks of bentonite used in well seal sacks

Brand name of bentonite

Number of pounds of bentonite per 100 gallons of water lbs./100 gals.

Was a drive shoe used? ☑ Yes ☐ No Plugs Size: location ft.

Did any strata contain unusable water? ☐ Yes ☑ No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? ☐ Yes ☑ No Size of gravel:

Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Josephine Driller's well number

SE ¼ NW ¼ Section 1 T. 38 R. 5 W.M.

Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 84 ft.

Static level 23 ft. below land surface. Date 10/11

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 6"

Depth drilled 106 ft. Depth of completed well 106 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.*

MATERIAL	From	To	SWL
Boulders Clay	0	8	
Granite / decomp	8	32	
Granite med hard	32	84	
Granite Coarse	84	106	

Work started 10-11 1973 Completed 10-11 1973

Date well drilling machine moved off of well 10-11 1973

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] (Drilling Machine Operator) Date 10-13, 1973

Drilling Machine Operator's License No. 674

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 Geo. McClanahan Well Drilling (Person, firm or corporation) (Type or print)

Address 230 N.E. Elida Dr. Grants Pass, Ore.

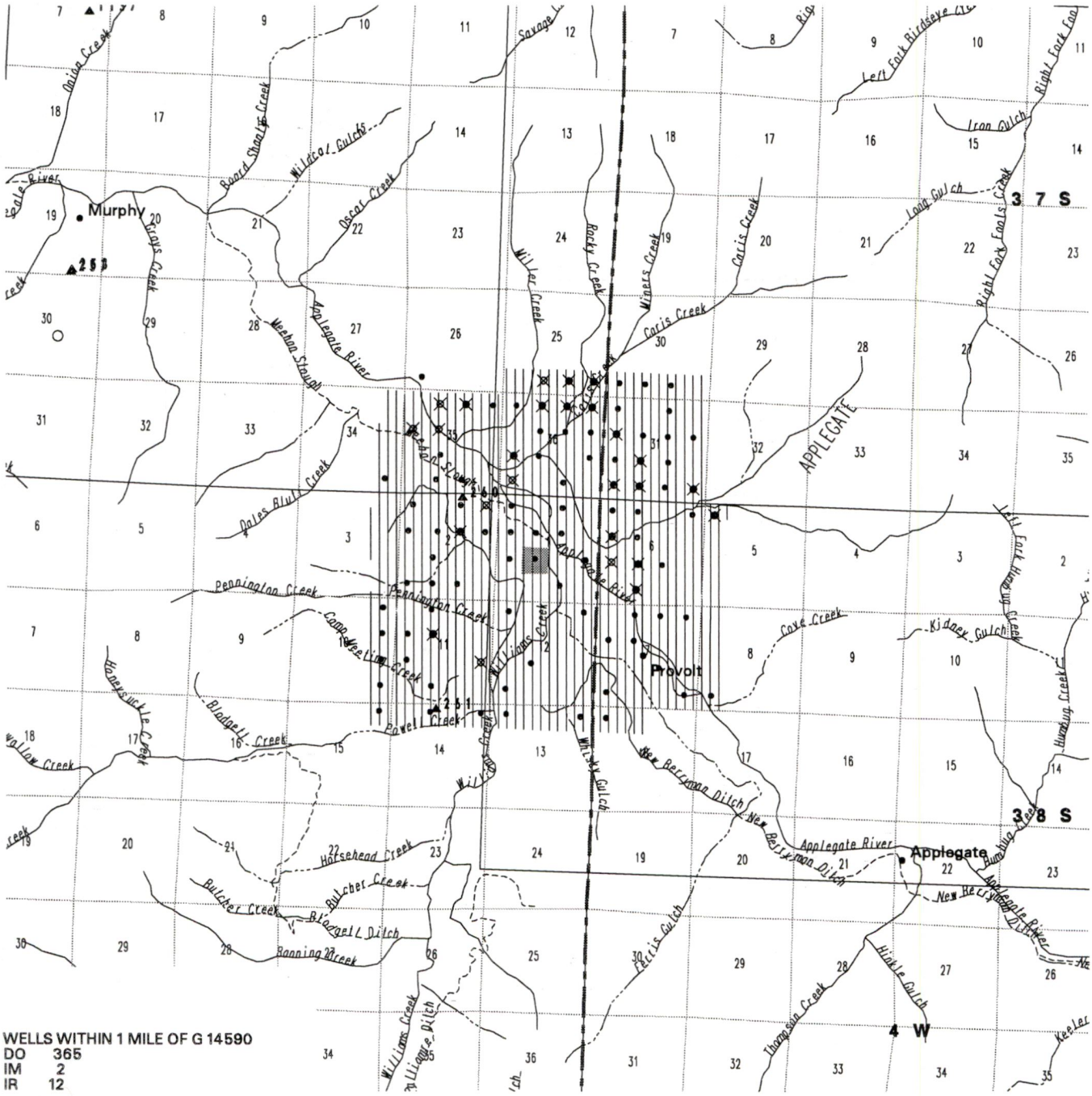
[Signed] George McClanahan (Water Well Contractor)

Contractor's License No. 422 Date 10-18, 1973

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45656-119

Wells in the vicinity of application G 14590



PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 14590

$RECNO	APPLICATION	PERMIT	LOC-QQ	USE	RATE	DIV-UNITS
1	G 10512	G 10047	37.00S 5.00W25SESW	IS	0.3900	C
2	G 11041	G 10204	37.00S 5.00W25SWSE	IR	0.0460	C
2	G 11041	G 10204	37.00S 5.00W25SWSE	IR	0.0540	C
3	G 10010	G 9515	37.00S 5.00W25SESE	IR	0.0200	C
3	G 13891	G 12784	37.00S 5.00W25SESE	IC	0.1000	C
4	G 3062	G 2855	37.00S 5.00W35NENW	IR	0.2200	C
5	G 9804	G 9501	37.00S 5.00W35NWNE	IC	1.3800	C
6	G 3419	G 3205	37.00S 5.00W36NENW	IR	0.2200	C
6	G 5095	G 4809	37.00S 5.00W36NENW	IS	0.0900	C
6	G 5095	G 4809	37.00S 5.00W36NENW	IS	0.1300	C
7	G 3419	G 3205	37.00S 5.00W36NWNE	IR	0.2200	C
8	G 4571	G 4295	37.00S 5.00W36NENE	IR	0.1200	C
8	G 13891	G 12784	37.00S 5.00W36NENE	IC	0.0220	C
9	G 7264	G 6660	37.00S 5.00W35SWNW	IS	0.7600	C
10	G 9127	G 8514	37.00S 5.00W35SENW	IS	0.0100	C
11	G 1942	G 1785	37.00S 5.00W36NWSW	IS	0.5000	C
12	G 1986	G 1828	37.00S 5.00W36SWSW	IR	0.5900	C
12	G 1986	G 1828	37.00S 5.00W36SWSW	IR	0.6300	C
12	G 1986	G 1828	37.00S 5.00W36SWSW	IS	0.5700	C
12	G 1986	G 1828	37.00S 5.00W36SWSW	IS	0.6100	C
13	G 4757	G 4481	37.00S 4.00W31SWNW	IR	0.3600	C
14	G 6587	G 6175	37.00S 4.00W31NESW	IR	0.1700	C
15	G 11135	G 10334	37.00S 4.00W31SWSW	IR	0.1550	C
16	G 1861	G 1703	37.00S 4.00W31SESW	IR	0.0900	C
17	G 6680	G 6232	37.00S 4.00W31SESE	IR	0.0600	C
18	GR 204	GR 189	38.00S 5.00W 2NENE	IR	100.0000	G
19	G 7998	G 7702	38.00S 5.00W 2SWNE	IR	0.0200	C
19	G 7998	G 7702	38.00S 5.00W 2SWNE	IS	0.0800	C
20	G 9154	G 8530	38.00S 5.00W11SENW	IR	0.0700	C
21	G 4762	G 4486	38.00S 5.00W11NESE	IR	0.0700	C
21	G 4762	G 4486	38.00S 5.00W11NESE	IS	0.2300	C
22	G 8304	G 7706	38.00S 4.00W 5NWNW	IR	0.2300	C
23	GR 589	GR 559	38.00S 4.00W 6SWNW	IC	510.0000	G
24	G 8685	G 8163	38.00S 4.00W 6NWSW	IS	0.7800	C
25	GR 3834	GR 3494	38.00S 4.00W 6NESW	IR	400.0000	G
26	G 8966	G 8347	38.00S 4.00W 6SESW	IS	0.0900	C

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CONDITIONED WELLS WITHIN 5 MILES OF APPLICATION G 14590

$RECNO	APPLICATION	PERMIT	LOC-QQ	CONDITION-CODE
1	G 13653	G 12417	37.00S 5.00W30NWSE	7BG
1	G 13653	G 12417	37.00S 5.00W30NWSE	7BR
1	G 13653	G 12417	37.00S 5.00W30NWSE	7JG
1	G 13653	G 12417	37.00S 5.00W30NWSE	7JR
1	G 13654	G 12518	37.00S 5.00W30NWSE	

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APPLICATION G 14590 FALLS WITHIN THESE QUAD(S)

APPLEGATE

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