

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. G4-31438 and permit-exempt indoor domestic use		
APPLICANT NAME Chelminar Summer Home Association	CONTACT NAME Kelsey Collins	TELEPHONE NO. 509-575-2640
WATER RIGHT HOLDER'S NAME (if different) Same		EMAIL KESI461@ECY.WA.GOV

DATE OF APPLICATION September 3, 1992	PRIORITY DATE Post 1905; mitigated by trust water right with June 30, 1873 priority date
--	---

WATER SOURCE: 3 groundwater wells in continuity with the Tieton River.	CROP: N/A - Indoor Use Only
INSTANTANEOUS QUANTITY: N/A	ANNUAL QUANTITY: New Mitigation Contract: 0.78 ac-ft/yr (consumptive use)
PERIOD OF USE: Continuous – year round	
PLACE OF USE: Chelminar Summer Home Sites, in unsurveyed Section 31, T. 14 N., R. 14 E.W.M.	PURPOSE OF USE: Domestic supply for up to 35 recreational cabins
IRRIGATION METHOD: N/A	

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Based on metering data, the permit-exempt well user currently withdrawals less than 850,000 gallons or about 2.6 ac-ft/yr. This is equal to about 2,305 gallons per day (average) or 66 gallons per day per cabin. Assuming 30 percent of total use is consumptive; the recreational cabin community would require 0.78 ac-ft/yr for mitigation.</p> <p>Total authorization mitigation contract will not exceed 0.78 ac-ft/yr (consumptive use).</p> <p>The Chelminar Summer Home Association currently has a pending groundwater application (G4-31438) with Ecology. The community also shares a surface water diversion on Wildcat Creek, maintained by the Bureau of Reclamation, for supply of fire flow and protection.</p> <p>The cabin community is located on National Forest System lands, authorized by a special use permit. The permit specifics lot appearance shall be maintained in the condition of a natural northwest forest environment.</p>

NARRATIVE DESCRIPTION OF PROJECT:

As directed by Senate Bill 6861, Ecology is providing water banking opportunities for Yakima Basin Cabin Owners with junior claims (post-1905) to purchase senior mitigation credits to offset the consumptive use of water during years of rationing by the US Bureau of Reclamation.

Ecology proposes to offset 0.78 ac-ft/yr of consumptive use with mitigation credits from Trust Water Right Nos. CS4-00195CTCL(A)sb6, CS4-00195CTCL(B)sb6, and CS4-00195CTCL(C)sb6 – collectively known as Bruton Ditch. The Bruton Ditch project was last presented to the WTWG on September 14, 2009.

Of the 60 ac-ft/yr currently assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) under the Bruton Ditch project, 0.78 ac-ft will be allocated to the subject application to address impacts to TWSA.

PROPOSED USBR-ECOLOGY CONTRACT ASSIGNMENT RATIONALE

Withdrawal of groundwater during rationing years could impact target flows in the Tieton and Yakima Rivers when the TWSA irrigation supply period is in effect, and future regulation of groundwater may occur throughout the Yakima River Basin.

IMPACT ANALYSIS

The point(s) of withdrawal are located within the cabin community, located immediately downstream of the Tieton Dam and Rimrock Lake. Water is withdrawn from one of three groundwater wells, then distributed directly to cabin community. Inspection of the well logs (see attached) suggest the well is in continuity with adjacent reach of the Tieton River. Return flow to the river occurs through septic. Based on the proposed quantities, the cumulative consumptive impact will not exceed 0.78 ac-ft/yr.

Rimrock Lake is a migratory barrier to anadromous salmonids (Tieton Dam has no current fish passage facilities); however, the upper reach(s) of the Tieton River do provide passage, spawning, and rearing habitat for ESA-listed species.

No other documented diversion is located between the cabin community and Tieton Dam.

CONCLUSION

During rationing years, the availability of water to satisfy TWSA in the Tieton and Yakima River will not be impacted if 0.78 ac-ft were held and released from Rimrock Lake. Assignment of 0.78 ac-ft would be in compliance with the consultation threshold in paragraph 18(b) of the USBR-Ecology contract.

REFERENCES

Ecology 2011. Columbia River Instream Atlas Project, Publication Number: 11-12-015. Prepared by the Washington Department of Fish and Wildlife. September 2011.

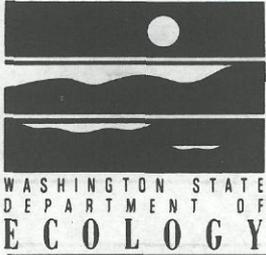
Reclamation, 2005. Phase I Assessment Report, Storage Dam Fish Passage Study, Yakima Project, Washington. Revised April 2005

WDFW. SalmonScape. <http://wdfw.wa.gov/mapping/salmonscape/index.html>.



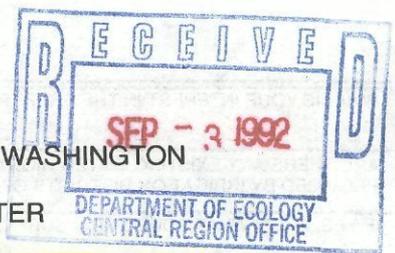
PROJECT LOCATION MAP





APPLICATION FOR PERMIT
TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

SURFACE WATER GROUND WATER



\$10.00 MINIMUM STATUTORY EXAMINATION FEE REQUIRED WITH APPLICATION

(GRAY BOXES FOR OFFICE USE ONLY)

APPLICATION NO. G431438	W.R.I.A. 38	COUNTY Yakima	PRIORITY DATE 9/3/92	TIME	ACCEPTED mja
APPLICANT'S NAME - PLEASE PRINT Chelminar Summer Homes Assoc., Inc. Atten: Joseph McQuesten, Secretary			"For the United States, Wenatchee National Forest"		Bus. Tel. (509) 697-6020 Home Tel. (509) 697-7713 Other Tel.
ADDRESS (STREET) 119 South Second St.	(CITY) Selah	(STATE) WA	(ZIP CODE) 98942		
DATE & PLACE OF INCORPORATION IF APPLICANT IS A CORPORATION 1926-Yakima County					

1. SOURCE OF SUPPLY

IF SURFACE WATER	IF GROUND WATER
SOURCE (NAME OF STREAM, LAKE, SPRING, ETC.) (IF UNNAMED, SO STATE)	SOURCE (WELL, TUNNEL, INFILTRATION TRENCH, ETC.) Up to two wells, if necessary
TRIBUTARY	SIZE AND DEPTH 12" X 220 ft (2 wells)

2. USE

USE TO WHICH WATER IS TO BE APPLIED (DOMESTIC SUPPLY, IRRIGATION, MINING, MANUFACTURING, ETC.)
Domestic supply to 35 summer homes, cabins and store and irrigation of 3.4

ENTER QUANTITY OF WATER REQUESTED USING UNITS OF: 0.22 cfs	CUBIC FEET PER SECOND (CFS)	OR	GALLONS PER MINUTE (GPM) 117 gpm	ACRE FEET PER YEAR 45.6	acres
--	-----------------------------	-----------	--	-----------------------------------	-------

Continuous Community domestic supply, irrigation during irrigation season

TIMES DURING YEAR WATER WILL BE REQUIRED
Domestic-January 1 through December 31, Irrigation April 15 through October 15.

IF IRRIGATION, NUMBER OF ACRES 3.4 within 9.4 acres	IF DOMESTIC USE, NUMBER OF UNITS BY TYPE, E.G. 1-HOME, 1-MOBILE HOME, 2-CAMPSITES, ETC. and cabins 35 Summer homes and cabins	IF MUNICIPAL USE, ESTIMATED POPULATION 20 YEARS FROM TODAY same
DATE PROJECT WAS OR WILL BE STARTED 1992	DATE PROJECT WAS OR WILL BE COMPLETED 1995	

3. LOCATION OF POINT OF DIVERSION/WITHDRAWAL

3A. IF IN PLATTED PROPERTY

LOT F&5	BLOCK 1	OF (GIVE NAME OF PLAT OR ADDITION) Chelminar Summer Homes	SECTION 34	TOWN 14N	RANGE 14E	ALSO, PLEASE ENCLOSE A COPY OF THE PLAT AND MARK THE POINT(S) OF WITHDRAWAL OR DIVERSION being within the
-----------------------	-------------------	---	----------------------	--------------------	---------------------	---

3B. IF NOT IN PLATTED PROPERTY

ON ACCOMPANYING SECTION MAPS, ACCURATELY MARK AND IDENTIFY EACH POINT OF DIVERSION, SHOW NORTH-SOUTH AND EAST-WEST DISTANCES FROM NEAREST SECTION CORNER OR PROPERTY CORNER

ALSO, ENTER BELOW THE DISTANCES FROM THE NEAREST SECTION OR PROPERTY CORNER TO THE DIVERSION OR WITHDRAWAL.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE (E. OR W.) W.M.	COUNTY
---	---------	-------------	-----------------------	--------

4. DO YOU OWN THE LAND ON WHICH THIS SOURCE IS LOCATED. IF NOT, INSERT NAME & ADDRESS OF OWNER
No. USFS Naches, WA
of Sec 31, T14N, R14E W.M., Yakima County

5. LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

ATTACH A COPY OF THE LEGAL DESCRIPTION OF THE PROPERTY (ON WHICH THE WATER WILL BE USED) TAKEN FROM A REAL ESTATE CONTRACT, PROPERTY DEED OR TITLE INSURANCE POLICY. OR, COPY CAREFULLY IN THE SPACE BELOW.

9.4 acres within the NW 1/4, Section 31, Twn-14N, R-14 E, W.M.; and marked by corner posts of 1 1/2 inch diameter iron pipe, being a metes and bounds survey of the U.S. Bureau of Reclamation including Lot A, B, C, D, E, F, G, and AA; Lots 1-8, of Block 1; 4, 6, and 8, of Block 4 of the Yakima County Assesor's plat of Chelminar Summer Homes; omitting the right-of-way for the Randle-Yakima Highway.

Lots 1-11 of Block 2 and Lots 1-8 and 10 of Block 3

Store parcel No 11002

per telecon of 9/8/92 w/ Russ Taylor mja

WHAT IS YOUR INTEREST IN THE PROPERTY ON WHICH THE WATER IS TO BE USED (PROPERTY OWNER, LESSEE, CONTRACT PURCHASER, ETC.)

Permittee of the U.S. Department of Agriculture and Predecessors. (USFS)

ARE THERE ANY EXISTING WATER RIGHTS RELATED TO THE LAND ON WHICH THE WATER IS TO BE USED (INCLUDING WATER PROVIDED BY IRRIGATION DISTRICTS OR DITCH COMPANIES.)

YES NO

IF YES, FROM WHAT SOURCE (i.e. SURFACE OR GROUND WATER) AND UNDER WHAT AUTHORITY

Existing system withdraws from Wildcat Creek. Rights were not confirmed in Washington State vs. Aguavella, etal.

6. DESCRIPTION OF SYSTEM PROPOSED OR INSTALLED

(FOR EXAMPLE: SIZE OF PUMP, CAPACITY OF PUMP, PUMP MOTOR HORSE POWER, PIPE DIAMETER, NUMBER OF SPRINKLERS, ETC.)

Up to two wells and pumps with sufficient casing to provide sanitary ground water to a surface storage tank for further pumping to the distribution system. The system will serve 35 residences, Summer homes, and store with domestic supply and irrigation of 3.4 acres within the 9.4 acres.

REMARKS 7. This application does not relinquish any further reserved rights or prior beneficial use dates the United States may have.

Please forward a copy of any correspondence between the State and applicant to: Naches Ranger District 10061 Highway 12 Naches, WA 98937

8. COMPLETE THIS SECTION ONLY IF THIS APPLICATION INCLUDES IRRIGATION AS A USE

IN ORDER TO IMPLEMENT THE PROVISIONS OF INITIATIVE MEASURE NUMBER 59, THE FAMILY FARM WATER ACT WHICH WAS PASSED BY THE VOTERS ON NOVEMBER 3, 1977, WE MUST ASK THE FOLLOWING QUESTIONS:

DOES THE TOTAL NUMBER OF ACRES IN WHICH YOU HAVE CONTROLLING INTEREST IN THE STATE OF WASHINGTON EXCEED 2000 ACRES FOR THE FOLLOWING THREE CATEGORIES:

- 1. LANDS THAT ARE BEING IRRIGATED UNDER WATER RIGHTS ACQUIRED AFTER DECEMBER 8, 1977. YES NO
2. LANDS THAT MAY BE IRRIGATED UNDER APPLICATIONS NOW ON FILE WITH THE DEPARTMENT OF ECOLOGY. YES NO
3. LANDS THAT MAY BE IRRIGATED UNDER THIS APPLICATION. YES NO

IF 10 ACRE-FEET OR MORE OF WATER IS TO BE STORED AND/OR IF THE WATER DEPTH WILL BE 10 FEET OR MORE AT THE DEEPEST POINT, A STORAGE PERMIT MUST BE FILED IN ADDITION TO THIS PERMIT. THESE FORMS CAN BE SECURED, TOGETHER WITH INSTRUCTIONS, FROM THE DEPARTMENT OF ECOLOGY.

SIGNATURES

U.S. Forest Service LEGAL LANDOWNERS NAME (PLEASE PRINT) Deputy Forest Supervisor

Chet ... Home Assn by Jo W. McQuesten APPLICANT'S SIGNATURE Jo McQuesten

LEGAL LANDOWNER'S SIGNATURE (OWNER OF PROPERTY DESCRIBED IN ITEM NUMBER 5)

P.O. Box 811, Wenatchee, WA 98807 LEGAL LANDOWNER'S ADDRESS

FOR OFFICE USE ONLY

STATE OF WASHINGTON } DEPARATMENT OF ECOLOGY } ss.

This is to certify that I have examined this application together with the accompanying maps and data, and am returning it for correction or completion as follows:

.....

In order to retain its priority date, this application must be returned to the Department of Ecology, with corrections, on or before, 19.....

Witness my hand this day of, 19.....

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

WATER WELL REPORT

Start Card No. **W37109**
 Unique Well I.D. #
 Water Right Permit No.

STATE OF WASHINGTON

(1) OWNER: Name **CHELTINAR SUMNER HOMES** Address **P.O. BOX 293 SELAH, WA 98942-**

(2) LOCATION OF WELL: County **YAKIMA** - NW 1/4 NE 1/4 Sec 31 T 14 N., R 14E W4
 (2a) STREET ADDRESS OF WELL (or nearest address),

(3) PROPOSED USE: **DOMESTIC** (10) WELL LOG

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

(5) DIMENSIONS: Diameter of well **6** inches
 Drilled **117** ft. Depth of completed well **115** ft.
 (6) CONSTRUCTION DETAILS:
 Casing installed: **6** " Dia. from **+2** ft. to **115** ft.
WELDED " Dia. from ft. to ft.
 " Dia. from ft. to ft.
 MATERIAL FROM TO
BOULDERS COBBLES CLAY 0 52
BOULDERS AND COBBLES 52 60
COBBLES GRAVEL WATER 60 95
BROWN CLAY 95 98
GRAVEL COBBLES WATER 98 115

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: **NO**
 Manufacturer's Name
 Type Model No.
 Dia. slot size from ft. to ft.
 Dia. 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** ft.
 Material used in seal **BENTONITE**
 Did any strata contain unusable water? **NO**
 Type of water? Depth of strata **20** ft.
 Method of sealing strata off **OVERBORE**

FEB - 9 1994

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

(8) WATER LEVELS: Land-surface elevation
 above mean sea level ... ft.
 Static level **30** ft. below top of well Date **01/27/94**
 Artesian Pressure lbs. per square inch Date
 Artesian water controlled by

Work started **01/26/94** Completed **01/27/94**

(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.

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.

Recovery data
 Time Water Level Time Water Level Time Water Level
 Date of test / /
 Bailer test gal./min. ft. drawdown after hrs.
 Air test **25** gal./min. w/ steam set at ft. for hrs.
 Artesian flow g.p.s. Date
 Temperature of water Was a chemical analysis made? **NO**

NAME **PONDEROSA DRILLING**
 (Person, firm, or corporation) (Type or print)
 ADDRESS **E 6010 BROADWAY**
 [SIGNED] *Roger Kelly* License No. **2804**
 Contractor's
 Registration No. **PO-ND-EI-248JE** Date **01/31/94**

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

WATER WELL REPORT
STATE OF WASHINGTON

Start Card No. W36442
Unique Well I.D. #
Water Right Permit No.

(1) OWNER: Name **CHELTINAR SUMMER HOMES** Address **P.O. BOX 293 SELAH, WA 98942-**

(2) LOCATION OF WELL: County **YAKIMA** - NW 1/4 NE 1/4 Sec 31 T 14 N. R 14 WM

(3) PROPOSED USE: **DOMESTIC** (10) WELL LOG

(4) TYPE OF WORK: Owner's Number of well (IF more than one) **1**
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 **127** ft. Depth of completed well **127** ft.

(6) CONSTRUCTION DETAILS:
Casing installed: **6** " Dia. from **+2** ft. to **127** ft.
WELDED " Dia. from ft. to ft.
" Dia. from ft. to ft.

MATERIAL	FROM	TO
BASALT BOLDERS GRAVEL	0	32
BASALT GRAVEL CLAY	32	36
BASALT GRAVEL COBBLES	36	45
GRAY CLAY GRAVEL	45	50
BROWN CLAY GRAVEL	50	75
CLAY AND GRAVEL	75	103
CLAY BASALT GRAVEL	103	106
SHALE	106	113
GRAY SHALE	113	120
GRAY SHALE CLAY	120	127

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

Screens: **NO**
Manufacturer's Name
Type
Diam. slot size from ft. to 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? **18** ft.
Material used in seal **BENTONITE**
Did any strata contain unusable water? **NO**
Type of water? Depth of strata ft.
Method of sealing strata off **OVERBONE**

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

(8) WATER LEVELS: Land-surface elevation above mean sea level ... ft.
Static level **37** ft. below top of well Date **01/19/94**
Artesian Pressure lbs. per square inch Date
Artesian water controlled by

(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.

Recovery data
Time Water Level Time Water Level Time Water Level

Date of test / /
Bailer test gal./min. ft. drawdown after hrs.
Air test 15 gal./min. w/ stem set at 117 ft. for 1 hrs.
Artesian flow g.p.s. Date
Temperature of water Was a chemical analysis made? **NO**

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.

NAME **PONDEROSA DRILLING**
(Person, firm, or corporation) (Type or print)
ADDRESS **E 6010 BROADWAY**
[SIGNED] Roger Kelly License No. **2004**
Contractor's
Registration No. **PO-ND-EI4241JE** Date **01/26/94**

B

The Department of Ecology does NOT warrant the Data and/or the Information on this Well Report

CRD

WATER WELL REPORT
STATE OF WASHINGTON

Start Card No. **W37108**
Unique Well I.D. #
Water Right Permit No.

South Rimrock Water Assn

(1) OWNER: Name **CHELMINAR SUMMER HOMES** Address **P.O. BOX 293 SELAH, WA 98942-**

(2) LOCATION OF WELL: County **YAKIMA** - NW 1/4 NE 1/4 Sec 31 T 14 N., R 14 WM
(2a) STREET ADDRESS OF WELL (or nearest address),

B

(3) PROPOSED USE: **DOMESTIC** | (10) WELL LOG

(4) TYPE OF WORK: Owner's Number of well (If more than one) **5** 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 **145** ft. Depth of completed well **145** ft. MATERIAL

(6) CONSTRUCTION DETAILS: Casing installed: **6** " Dia. from **+2** ft. to **138** ft. Method: **WELDED** " Dia. from " Dia. from " Dia. from " Dia. from

MATERIAL	FROM	TO
BASALT BOULDERS GRAVEL	0	32
BASALT GRAVEL CLAY	32	36
BASALT GRAVEL COBBLES	36	45
GRAY CLAY GRAVEL	45	50
BROWN CLAY GRAVEL	50	75
RED CLAY GRAVEL	75	103
RED SHALE	103	114
GRAY SHALE	114	120
GRAY GREEN SHALE	120	138
BROKEN SHALE WATER	138	145

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.

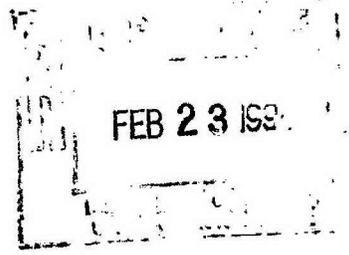
Screens: **NO**
Manufacturer's Name
Type Model No.
Diam. slot size from ft. to ft.
Diam. slot size from ft. to ft.

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

Surface seal: **YES** To what depth? **18** ft.
Material used in seal **BENTONITE**
Did any strata contain unusable water? **NO**
Type of water? Depth of strata **18** ft.
Method of sealing strata off **OVERBORE**

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

(8) WATER LEVELS: Land-surface elevation above mean sea level ... ft.
Static level **35** ft. below top of well Date **01/20/94**
Artesian Pressure lbs. per square inch Date
Artesian water controlled by



Work started **01/27/94** Completed **01/30/94**

(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.

Recovery data
Time Water Level Time Water Level Time Water 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.

NAME **PONDEROSA DRILLING**
(Person, firm, or corporation) (Type or print)
ADDRESS **E 6010 BROADWAY**
[SIGNED] *Roger Kelly* License No. **2004**
Contractor's
Registration No. **PO-ND-EI*248JE** Date **02/07/94**

Date of test / /
Bailer test gal./min. ft. drawdown after hrs.
Air test **20** gal./min. w/ stem set at ft. for hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? **NO**