

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

File Original and First Copy with  
Department of Ecology  
Second Copy — Owner's Copy  
Third Copy — Driller's Copy

# WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. W079094

UNIQUE WELL I.D. # ACW-606

Water Right Permit No. \_\_\_\_\_

(1) OWNER: Name Ray Owens Address 109W 4TH St. CleElum WA 98922

(2) LOCATION OF WELL: County Kittitas 1/4 NW 1/4 Sec. 25 T. 20 N.R. 15 W.M.

(2a) STREET ADDRESS OF WELL (or nearest address) Main St. to Columbia CDEF

(3) PROPOSED USE:  Domestic  Industrial  Municipal   
 Irrigation  Test Well  Other   
 DeWater

(4) TYPE OF WORK: Owner's number of well (if more than one) 1  
 Abandoned  New well  Method: Dug  Bored   
 Deepened  Reconditioned  Cable  Driven   
 Rotary  Jetted

(5) DIMENSIONS: Diameter of well 6" inches.  
 Drilled 300 feet. Depth of completed well 300 ft.

(6) CONSTRUCTION DETAILS:  
 Casing installed: 6" Diam. from +2 ft. to -55 ft.  
 Welded  4" Diam. from -40 ft. to -300 ft.  
 Lined  Threaded

Perforations: Yes  No   
 Type of perforator used Skillex  
 SIZE of perforations 1/8 in. by 6 in.  
48 perforations from -280 ft. to -300 ft.

Screens: Yes  No   
 Manufacturer's Name \_\_\_\_\_  
 Type \_\_\_\_\_ Model No. \_\_\_\_\_  
 Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Gravel packed: Yes  No  Size of gravel \_\_\_\_\_  
 Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Surface seal: Yes  No  To what depth? 20 ft.  
 Material used in seal Bentonite  
 Did any strata contain unusable water? Yes  No   
 Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
 Method of sealing strata off \_\_\_\_\_

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

(8) WATER LEVELS: Land-surface elevation above mean sea level \_\_\_\_\_ ft.  
 Static level 120 ft. below top of well Date 8/8/97  
 Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_  
 Artesian water is controlled by \_\_\_\_\_ (Cap, valve, etc.)

(9) 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.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

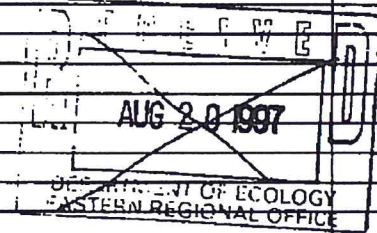
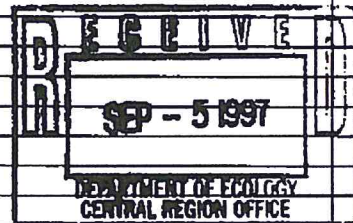
Time	Water Level	Time	Water Level	Time	Water Level

Date of test \_\_\_\_\_  
 Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Airtest 50 gal./min. with stem set at 298 ft. for 1 hrs.  
 Artesian flow \_\_\_\_\_ g.p.m. Date \_\_\_\_\_  
 Temperature of water \_\_\_\_\_ Was a chemical analysis made? Yes  No

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION

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 information.

MATERIAL	FROM	TO
Clay Brown	0	25
Clay Gray Small Gravels	25	55
Shale Green	55	160
Shale Gray	160	200
Shale Gray Soft Fractured	200	240
Shale Gray Medium	240	260
Shale Gray With Water	260	300



Work Started 8/7/97 19. Completed 8/8/97 19

**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 H2O WELL SVC INC. 1-800-772-4901  
(PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

Address 582 W Hayden Ave Hayden Lake ID 8383

(Signed) Jim McLeslie License No. 2257  
(WELL DRILLER)

Contractor's Registration No. H20WEST101DW Date 8/8/97 19

(USE ADDITIONAL SHEETS IF NECESSARY)







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

Please print, sign and return to the Department of Ecology



# Water Well Report

Original - Ecology, 1<sup>st</sup> copy - owner, 2<sup>nd</sup> copy - driller

## Construction/Decommission

Construction  
 Decommission ORIGINAL INSTALLATION Notice  
of Intent Number 130625

**PROPOSED USE:**  Domestic  Industrial  Municipal  
 DeWater  Irrigation  Test Well  Other

**TYPE OF WORK:** Owner's number of well (if more than one) \_\_\_\_\_  
 New well  Reconditioned Method:  Dug  Bored  Driven  
 Deepened  Cable  Rotary  Jetted

**DIMENSIONS:** Diameter of well 6 inches, drilled 145 ft.  
Depth of completed well 145 ft.

**CONSTRUCTION DETAILS**  
Casing  Welded 6" Diam. from ±2 ft. to 45 ft.  
Installed:  Liner installed 4" Diam. from ±5 ft. to 145 ft.  
 Threaded \_\_\_\_\_" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Perforations:  Yes  No  
Type of perforator used Skill SAW  
SIZE of perfs 8 in. by 6 in. and no. of perfs 107 from 125 ft. to 145

Screens:  Yes  No  K-Pac Location 120  
Manufacturer's name Pack-out 1 1/2 to 2 gm  
Type \_\_\_\_\_ Model No. \_\_\_\_\_  
Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Gravel/Filter packed:  Yes  No  Size of gravel/sand \_\_\_\_\_  
Materials placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Surface Seal:  Yes  No To what depth? 26 ft.  
Material used in seal Benonite  
Did any strata contain unusable water?  Yes  No  
Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
Method of sealing strata off \_\_\_\_\_

**PUMP:** Manufacturer's Name \_\_\_\_\_ H.P. \_\_\_\_\_  
Type: \_\_\_\_\_

**WATER LEVELS:** Land-surface elevation above mean sea level \_\_\_\_\_ ft.  
Static level 401 ft. below top of well Date \_\_\_\_\_  
Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_  
Artesian water is controlled by \_\_\_\_\_ (cap, valve, etc.)

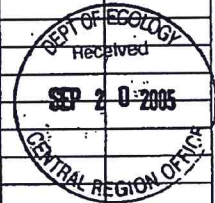
**WELL TESTS:** Drawdown is amount water level is lowered below static level  
Was a pump test made?  Yes  No If yes, by whom? \_\_\_\_\_  
Yield: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Yield: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Yield: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  
Time Water Level Time Water Level  
Approx 100 gpm  
Date of test airlift.  
Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Airtest \_\_\_\_\_ gal./min. with stem set at 140 ft. for 2 hrs.  
Artesian flow \_\_\_\_\_ g.p.m. Date \_\_\_\_\_  
Temperature of water \_\_\_\_\_ Was a chemical analysis made?  Yes  No

Current Notice of Intent No. W176857  
Unique Ecology Well ID Tag No. AKW 636  
Water Right Permit No. \_\_\_\_\_  
Property Owner Name John Lambert G  
Well Street Address Montgomery rd  
City Cleelum County Kittitas  
Location SW 1/4 N8E4 Sec 26 Twn 20 R 15  BWM or WWM  circle one  
Lat/Long (s, t, r) \_\_\_\_\_ Lat Deg \_\_\_\_\_ Lat Min/Sec \_\_\_\_\_  
still REQUIRED ) Long Deg \_\_\_\_\_ Long Min/Sec \_\_\_\_\_  
Tax Parcel No. 2015260100007

## CONSTRUCTION OR DECOMMISSION PROCEDURE

Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information indicate all water encountered. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL	FROM	TO
Clay Br. m	0	24
Sandstone wh. mH	24	28
Sandstone Bl. Gray mH	28	120
1 1/2-2 gpm		
Sandstone Shale Coal	120	145
1 1/2 Grey mH		



Start Date 8/17/05 Completed Date 8/17/05

**WELL CONSTRUCTION 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.

Driller/Engineer/Trainee Name (Print) Steve Mills  
Driller/Engineer/Trainee Signature Steve Mills  
Driller or trainee License No. 1335  
Drilling Company Waterman Well Drilling Inc  
Address P.O. Box 246  
City, State, Zip Selah WA 98942  
Contractor's WATERWDO2203 Date 8/18/05  
Registration No. \_\_\_\_\_  
Ecology is an Equal Opportunity Employer. ECY 050-1-20 (Rev 2/03)

**IF TRAINEE.**  
Driller's Licensed No. \_\_\_\_\_  
Driller's Signature \_\_\_\_\_



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

118962

WATER WELL REPORT

Start Card No W 160806  
 Unique Well I D # AGW674  
 Water Right Permit No

STATE OF WASHINGTON

(1) OWNER Name ANDRUS, CORY W Address P O BOX 648 SO CLR ELUM, WA 98943

(2) LOCATION OF WELL County KITTITAS NE 1/4 NE 1/4 Sec 26 T 20 N, R 15E WM  
 (2a) STREET ADDRESS OF WELL (or nearest address) OFF COLUMBIA ST, NORTH CLR ELUM **A**

(3) PROPOSED USE DOMESTIC (10) WELL LOG

(4) TYPE OF WORK Owner's Number of well (If more than one) Method ROTARY  
 NEW WELL

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 699 ft Depth of completed well 699 ft

MATERIAL	FROM	TO
BROWN SATURATED CLAY	0	5
BRN SANDSTONE WITH CLAY	5	16
GRAY SANDSTONE	16	29
BRN SANDSTONE	29	35
HARD GRAY SHALE	35	43
BRN SANDSTONE	43	45
GRAY SANDSTONE	45	54
BRN SANDSTONE	54	71
GRAY SANDSTONE	71	80
BLUE GRAY CLAY SHALE	80	91
GRAY SANDSTONE	91	98
BLACK SHALE	98	114
SOFT GRAY SANDSTONE	114	119
SHALE WITH GRAY CLAY	119	140
BLACK SHALE	140	149
GRAY SANDSTONE	149	157
SHALE WITH GRAY CLAY	157	202
BLACK SHALE WATER BEARING	202	213
SHALE WITH GRAY CLAY	213	313
SOFT BLACK SHALE	313	319
SHALE WITH GRAY CLAY	319	350
LIGHT GRAY SANDSTONE	350	376
BLACK SHALE	376	389
SHALE WITH GRAY CLAY	389	416
BLACK SHALE	416	425
SHALE WITH GRAY CLAY	425	468
LIGHT GRAY SANDSTONE	468	497
SHALE WITH GRAY CLAY	497	531
LIGHT GRAY SANDSTONE	531	558
HARD SHALE WITH GRAY CLAY	558	607
HARD GRAY SANDSTONE	607	616
SHALE WITH GRAY CLAY	616	694
BLACK SHALE	694	696
SHALE WITH GRAY CLAY	696	699



(6) CONSTRUCTION DETAILS Casing installed 6 Dia from +1 5 ft to 38 5 ft  
 WRLDED /NO SHOB Dia from ft to ft

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  
 Gravel placed from ft to ft Size of gravel

Surface seal YES To what depth? 30 ft  
 Material used in seal BRNTONITE  
 Did any strata contain unusable water? NO  
 Type of water? Depth of strata ft  
 Method of sealing strata off SEAL METHOD 1

(7) PUMP Manufacturer's Name Type SUBMERSIBLE H P

(8) WATER LEVELS Land surface elevation above mean sea level ft  
 Static level 188 ft below top of well Date 05/07/02  
 Artesian Pressure lbs per square inch Date  
 Artesian water controlled by CAP

Work started 05/02/02 Completed 05/07/02

(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

NAME TUMWATER DRILLING, INC  
 (Person, firm, or corporation) (Type or print)

Date of test / /  
 Baller test gal/min ft drawdown after hrs  
 Air test 75 1 gal/min w/ stem set at 698 ft for 7 5 hrs  
 Artesian flow g p m Date  
 Temperature of water Was a chemical analysis made? NO

ADDRESS P O BOX 707  
 [SIGNED] *[Signature]* License No 1249  
 Contractor's Registration No TUMWADP 011 LZ Date 05/08/02



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

113982

WATER WELL REPORT

Start Card No W 155335  
Unique Well I D # AGM659  
Water Right Permit No

STATE OF WASHINGTON

(1) OWNER Name WOOD, JAMES E Address 3902 288TH ST SO ROY, WA 98580

(2) LOCATION OF WELL County KITTITAS SR 1/4 NW 1/4 Sec 25 T 20 N, R 15E WM  
(2a) STREET ADDRESS OF WELL (or nearest address) OFF COLUMBIA AVE, CLR ELUM F

(3) PROPOSED USE DOMESTIC

(10) WELL LOG

(4) TYPE OF WORK Owner's Number of well (If more than one) Method ROTARY  
NEW WELL

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 271 ft Depth of completed well 270 ft

MATERIAL	FROM	TO
BROWN CLAY	0	3
BRN SANDSTONE	3	5
BROWN CLAY BROKEN GRAVEL	5	27
GRAY CLAY SHALE	27	30
BROKEN GREEN ROCK (M)	30	31
GRAY CLAY SHALE	31	36
SOFT BLACK SHALE	36	41
GRAY SANDSTONE	41	77
BRN SANDSTONE	77	90
GRAY SANDSTONE	90	113
BLACK COAL	113	117
GRAY SANDSTONE	117	138
BLACK COAL	138	142
GRAY SANDSTONE	142	212
BLACK COAL SHALE	212	223
GRAY SANDSTONE	223	252
WATER BEARING	242	244
HARD GREEN BROKEN	252	254
ROCK(S) WATER BEARING	252	254
GRAY SANDSTONE	254	255
BLACK COAL SHALE	255	259
GRAY SANDSTONE	259	271

(6) CONSTRUCTION DETAILS  
Casing installed 6 " Dia from +2 ft to 42 ft  
WELDED W/LINER 4 5 " Dia from 30 ft to 270 ft

Perforations YES  
Type of perforator used SKILL SAW  
SIZE of perforations 125 in by 7 in  
123 perforations from 230 ft to 270 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  
Gravel placed from ft to ft Size of gravel ft

Surface seal YES To what depth? 19 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 SEAL METHOD 1

(7) PUMP Manufacturer's Name Type SUBMERSIBLE H P

(8) WATER LEVELS Land surface elevation above mean sea level ft  
Static level 102 ft below top of well Date 02/05/02  
Artesian Pressure lbs per square inch Date  
Artesian water controlled by CAP

(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 52 gal/min w/ stem set at 269 ft for 1 25 hrs  
Artesian flow g p m Date  
Temperature of water Was a chemical analysis made? NO

Work started 02/04/02 Completed 02/05/02

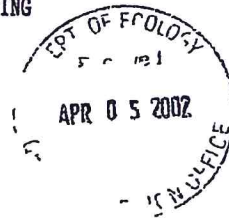
WELL CONSTRUCTOR CERTIFICATION  
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards Materials used and the information reported above are true to my best knowledge and belief

NAME TUMWATER DRILLING, INC  
(Person, firm, or corporation) (Type or print)

ADDRESS P.O. BOX 777

(SIGNED) License No 1249

Contractor's Registration No TUMWADY 011 LZ Date 02/06/02



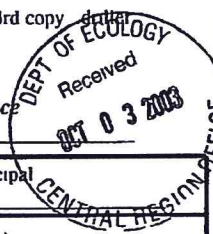


The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

# WATER WELL REPORT

Original & 1st copy Ecology 2nd copy owner 3rd copy driller

Construction/Decommission (circle)  
 Construction  
 Decommission ORIGINAL CONSTRUCTION Notice of Intent Number 139604



CURRENT Notice of Intent No W149592  
 Unique Ecology Well ID Tag No AGM967

Water Right Permit No \_\_\_\_\_  
 Property Owner Name Jim Muhlbeier/Dave Berry

PROPOSED USE  Domestic  Industrial  Municipal  
 DeWater  Irrigation  Test Well  Other

Well Street Address Montgomery lot 5  
 City Cle Elum County Kittitas  
 Location SW 1/4 1/4 SE 1/4 Sec 23 Twn 20 R 15 EWM circle or one WWM

TYPE OF WORK Owners number of well (if more than one)  
 New Well  Reconditioned Method  Dug  Bored  Driven  
 Deepened  Cable  Rotary  Jetted

Lat/Long (s,t,r still) Lat Deg \_\_\_\_\_ Lat Min/Sec \_\_\_\_\_  
 REQUIRED Long Deg \_\_\_\_\_ Long Min/Sec \_\_\_\_\_  
 Tax Parcel No 2015 3000 0009

DIMENSIONS Diameter of well 6 inches, drilled 7 1/2 ft  
 Depth of completed well 7 1/2 ft

CONSTRUCTION DETAILS Casing  Welded  Liner installed  Threaded  
 Installed  Liner installed  Threaded  
 Diam from 4 3/4 ft to 2 7/8 ft  
 Diam from -10 ft to 7 1/2 ft  
 Diam from \_\_\_\_\_ ft to \_\_\_\_\_ ft

CONSTRUCTION OR DECOMMISSION PROCEDURE  
 Formation Describe by color character size of material and structure and the kind and nature of the material in each stratum penetrated with at least one entry for each change of information Indicate all water encountered (USE ADDITIONAL SHEETS IF NECESSARY)

Performations  Yes  No  
 Type of performer used skill saw  
 SIZE of perfs 1/4 in by 12 in and no. of perfs 600 from 520 ft to 712 ft

MATERIAL	FROM	TO
top soil	0	2
Brown sandstone	2	30
gray shale with clay	30	55
white black sandstone	55	60
coal	60	68
gray shale with clay	68	124
hard gray rock	124	130
white black sandstone	130	160
hard shale with clay	160	196
hard sandstone white black	196	284
gray shale with clay	284	320
hard shale with clay	320	341
coal	341	344
brown white sandstone	344	369
gray shale with coal	369	389
coal	389	404
white black sandstone	404	444
gray shale with clay	444	507
hard gray rock	507	582
hard white black sandstone	582	639
dark shale white coal	639	679
white black sandstone	679	694
broken sandstone big	694	712

Screens  Yes  No  K Pac Location \_\_\_\_\_  
 Manufacturer's Name \_\_\_\_\_  
 Type \_\_\_\_\_ Model No \_\_\_\_\_  
 Diam \_\_\_\_\_ Slot Size \_\_\_\_\_ from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 Diam \_\_\_\_\_ Slot Size \_\_\_\_\_ from \_\_\_\_\_ ft to \_\_\_\_\_ ft

Gravel/Filter packed  Yes  No  Size of gravel/sand \_\_\_\_\_  
 Materials placed from \_\_\_\_\_ ft to \_\_\_\_\_ ft

Surface Seal  Yes  No To what depth? 26 ft  
 Materials used in seal Bentonite  
 Did any strata contain unusable water?  Yes  No  
 Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
 Method of sealing strata off \_\_\_\_\_

PUMP Manufacturer's Name \_\_\_\_\_  
 Type \_\_\_\_\_ HP \_\_\_\_\_

WATER LEVELS Land surface elevation above mean sea level \_\_\_\_\_ ft  
 Static level 145 ft below top of well Date 9/18/03  
 Artesian pressure \_\_\_\_\_ lbs per square inch Date \_\_\_\_\_  
 Artesian water is controlled by \_\_\_\_\_ (cap valve etc)

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  
 Yield \_\_\_\_\_ gal/min with \_\_\_\_\_ ft drawdown after \_\_\_\_\_ hrs  
 Yield \_\_\_\_\_ gal/min with \_\_\_\_\_ ft drawdown after \_\_\_\_\_ hrs  
 Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  
 Time Water Level Time Water Level Time Water Level  
 \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_  
 Date of test \_\_\_\_\_  
 Bailer test \_\_\_\_\_ gal/min with \_\_\_\_\_ ft drawdown after \_\_\_\_\_ hrs  
 Airtest 272 gal/min with stem set at 705 ft for 272 hrs  
 Artesian flow \_\_\_\_\_ gpm Date \_\_\_\_\_  
 Temperature of water \_\_\_\_\_ Was a chemical analysis made?  Yes  No

Start Date 9-10-03 Completed Date 9-18-03

WELL CONSTRUCTION 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  
 Driller  Engineer  Trainee Name (Print) Mike Moresfield Drilling Company Water Man Well Drilling Inc  
 Driller/Engineer/Trainee Signature Mike Moresfield Address 106 Bernman Ln  
 Driller or Trainee License No 2361 City, State, Zip Selah Wa 98942  
 Contractor's Registration No WATERW002208 Date 9/23/03  
 Ecology is an Equal Opportunity Employer ECY 050 1 20 (Rev 4/01)

If trainee, licensed driller's Signature and License no \_\_\_\_\_



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

# WATER WELL REPORT

Original & 1st copy - Ecology, 2nd copy - owner, 3rd copy - driller

## Construction/Decommission ("x" in circle)

- Construction 176 385  
 Decommission ORIGINAL CONSTRUCTION Notice  
 of Intent Number \_\_\_\_\_

CURRENT Notice of Intent No. W171387  
 Unique Ecology Well ID Tag No. ALF 4491  
 Water Right Permit No. \_\_\_\_\_

Property Owner Name Kevin Daly  
 Well Street Address 1640 Big Tail road

City Clatskanie County: Kittitas  
 Location NE 1/4 NW 1/4 Sec 23 Twn 20 R15 EWM circle or one

Lat/Long: (s,r still REQUIRED) Lat Deg \_\_\_\_\_ Lat Min/Sec \_\_\_\_\_  
 Long Deg \_\_\_\_\_ Long Min/Sec \_\_\_\_\_  
 Tax Parcel No. 20-15-23-000-0001

**PROPOSED USE:**  Domestic  Industrial  Municipal  
 DeWater  Irrigation  Test Well  Other

**TYPE OF WORK:** Owner's number of well (if more than one) \_\_\_\_\_  
 New Well  Reconditioned Method:  Dug  Bored  Driven  
 Deepened  Cable  Rotary  Jetted

**DIMENSIONS:** Diameter of well 8 inches, drilled 530 ft.  
 Depth of completed well 530 ft.

**CONSTRUCTION DETAILS**  
 Casing  Welded 8" Diam. from +3 ft. to 20 ft.  
 Installed:  Liner installed 6" Diam. from -5 ft. to 530 ft.  
 Threaded \_\_\_\_\_" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Perforations:  Yes  No  
 Type of perforator used Skil saw  
 SIZE of perfs 12 in. by 1/4 in. and no. of perfs 225 from 390 ft. to 510 ft.

Screens:  Yes  No  K-Pac Location \_\_\_\_\_  
 Manufacturer's Name \_\_\_\_\_  
 Type \_\_\_\_\_ Model No. \_\_\_\_\_  
 Diam. \_\_\_\_\_ Slot Size \_\_\_\_\_ from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 Diam. \_\_\_\_\_ Slot Size \_\_\_\_\_ from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Gravel/Filter packed:  Yes  No  Size of gravel/sand \_\_\_\_\_  
 Materials placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Surface Seal:  Yes  No To what depth? 20 ft.  
 Materials used in seal Benetonite  
 Did any strata contain unusable water?  Yes  No

Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
 Method of sealing strata off \_\_\_\_\_

**PUMP:** Manufacturer's Name \_\_\_\_\_ H.P. \_\_\_\_\_  
 Type: \_\_\_\_\_

**WATER LEVELS:** Land-surface elevation above mean sea level \_\_\_\_\_ ft.  
 Static level 60 ft. below top of well Date 6-3-2005  
 Artesian pressure na lbs. per square inch Date \_\_\_\_\_  
 Artesian water is controlled by na (cap. valve, etc.)

**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.  
 Yield: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Yield: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

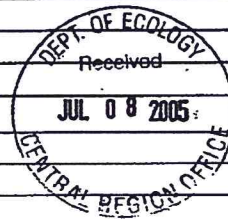
Recovery data (time taken as zero when pump turned off)(water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test \_\_\_\_\_  
 Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Airtest 5-6 gal./min. with stem set at 510 ft. for 2h hrs.  
 Artesian flow na g.p.m. Date \_\_\_\_\_  
 Temperature of water \_\_\_\_\_ Was a chemical analysis made?  Yes  No.

**CONSTRUCTION OR DECOMMISSION PROCEDURE**  
 Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. Indicate all water encountered. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL	FROM	TO
loft	0	5
sandstone	5	125
sandstone (hard)	125	225
Shale	225	300
sandstone	300	400
Shale	400	435
sandstone	435	530



Start Date 5-26-2005 Completed Date 6-3-2005

**WELL CONSTRUCTION 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.

Driller  Engineer  Trainee Name (Print) Mike Barry Drilling Company Bahwell Drilling  
 Driller/Engineer/Trainee Signature Wilbur Smith Address 3340 Wilson creek  
 Driller or Trainee License No. #22 City, State, Zip Ellensburg WA 98926

If trainee, licensed driller's Signature and License no. \_\_\_\_\_

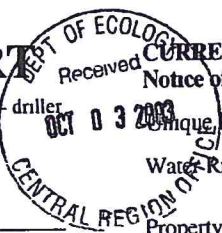
Contractor's Registration No. MIKE BDC 13204 Date 6-3-2005  
 Ecology is an Equal Opportunity Employer. ECY 050-1-20 (Rev 4/01)



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



# WATER WELL REPORT



Original & 1st copy Ecology 2nd copy owner 3rd copy driller  
 Construction/Decommission (circle) 139605  
 Construction  
 Decommission ORIGINAL CONSTRUCTION Notice of Intent Number

Notice of Intent No W149591  
 Ecology Well ID Tag No AGM 968  
 Water Right Permit No \_\_\_\_\_  
 Property Owner Name Ken McKim

PROPOSED USE  Domestic  Industrial  Municipal  
 DeWater  Irrigation  Test Well  Other

Well Street Address Montgomery rd lot 7  
 City Cle Elum County Kittitas

TYPE OF WORK Owners number of well (if more than one) \_\_\_\_\_  
 New Well  Reconditioned Method  Dug  Bored  Driven  
 Deepened  Cable  Rotary  Jetted

Location NW 1/4 1/4 NW 1/4 Sec 23 Twn 20 R 15 EWM circle or one WWM

DIMENSIONS Diameter of well 8 1/2 inches drilled 126 ft  
 Depth of completed well 324 ft

Lat/Long (s,t,r still REQUIRED) Lat Deg \_\_\_\_\_ Lat Min/Sec \_\_\_\_\_  
 Long Deg \_\_\_\_\_ Long Min/Sec \_\_\_\_\_  
 Tax Parcel No Lt 7B 20153000 0007

CONSTRUCTION DETAILS  
 Casing  Welded 8 Diam from +2 ft to 126 ft  
 Installed  Liner installed 4 Diam from -10 ft to 324 ft  
 Threaded \_\_\_\_\_ Diam from \_\_\_\_\_ ft to \_\_\_\_\_ ft

CONSTRUCTION OR DECOMMISSION PROCEDURE  
 Formation Describe by color character size of material and structure and the kind and nature of the material in each stratum penetrated with at least one entry for each change of information Indicate all water encountered (USE ADDITIONAL SHEETS IF NECESSARY)

Perforations  Yes  No  
 Type of perforator used \_\_\_\_\_  
 SIZE of perfs 12 in by 1/4 in and no of perfs 400 from 240 ft to 324 ft

MATERIAL	FROM	TO
top soil	0	10
Gray Shell with clay	10	33
white Black sandstone	33	124
shell with clay	124	144
gray shell with clay	144	170
coil shell	170	174
gray shell with clay	174	200
white Black sandstone	200	215
coil shell	215	218
Clay shell gray	218	220
Hard gray Rock	220	222
gray shell with clay	222	255
white Black sandstone	255	280
shell gray Hard	280	290
white sandstone Black	290	295
shell Brown	295	304
white Black sandstone	304	324

Screens  Yes  No  K Pac Location \_\_\_\_\_  
 Manufacturer's Name \_\_\_\_\_  
 Type \_\_\_\_\_ Model No \_\_\_\_\_  
 Diam \_\_\_\_\_ Slot Size \_\_\_\_\_ from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 Diam \_\_\_\_\_ Slot Size \_\_\_\_\_ from \_\_\_\_\_ ft to \_\_\_\_\_ ft

Gravel/Filter packed  Yes  No  Size of gravel/sand \_\_\_\_\_  
 Materials placed from \_\_\_\_\_ ft to \_\_\_\_\_ ft

Surface Seal  Yes  No To what depth? 125 ft  
 Materials used in seal Bentonite  
 Did any strata contain unusable water?  Yes  No  
 Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
 Method of sealing strata off \_\_\_\_\_

PUMP Manufacturer's Name \_\_\_\_\_  
 Type \_\_\_\_\_ HP \_\_\_\_\_

WATER LEVELS Land surface elevation above mean sea level \_\_\_\_\_ ft  
 Static level 95 ft below top of well Date \_\_\_\_\_  
 Artesian pressure \_\_\_\_\_ lbs per square inch Date \_\_\_\_\_  
 Artesian water is controlled by \_\_\_\_\_ (cap valve etc)

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  
 Yield \_\_\_\_\_ gal/min with \_\_\_\_\_ ft drawdown after \_\_\_\_\_ hrs  
 Yield \_\_\_\_\_ gal/min with \_\_\_\_\_ ft drawdown after \_\_\_\_\_ hrs  
 Recovery data (time taken as zero when pump turned off)(water level measured from well top to water level)  
 Time Water Level Time Water Level Time Water Level  
 \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_  
 Date of test \_\_\_\_\_  
 Bailer test \_\_\_\_\_ gal/min with \_\_\_\_\_ ft drawdown after \_\_\_\_\_ hrs  
 Airtest 12 gal/min with stem set at 320 ft for 2 1/2 hrs  
 Artesian flow \_\_\_\_\_ g p m Date \_\_\_\_\_  
 Temperature of water \_\_\_\_\_ Was a chemical analysis made?  Yes  No

Start Date 9-2-03 Completed Date 9-9-03

WELL CONSTRUCTION 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

Driller  Engineer  Trainee Name (Print) Mike Morefield  
 Driller/Engineer/Trainee Signature \_\_\_\_\_  
 Driller or Trainee License No 2361

Drilling Company Water Man Well Drilling Inc  
 Address 106 Berriman Lane  
 City State Zip Selah wa 98943  
 Contractor's Registration No WATERW002208 Date 9/12/03

If trainee, licensed driller's Signature and License no Mike Morefield 2361



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

File Original with Department of Ecology  
Second Copy - Owner's Copy  
Third Copy - Driller's Copy

# WATER WELL REPORT

STATE OF WASHINGTON

Office of Intent W113546  
UNIQUE WELL ID # A FH 666  
Water Right Permit No \_\_\_\_\_

99110

(1) OWNER Name Ben Goldie Address P.O. Box 305 little cr. ranch Cle Elum WA

(2) LOCATION OF WELL County Kittitas Ne 1/4 NW 1/4 Sec 25 T20 N R 15 WM

(2a) STREET ADDRESS OF WELL (or nearest address) \_\_\_\_\_  
TAX PARCEL NO \_\_\_\_\_

(3) PROPOSED USE  Domestic  Industrial  Municipal  
 Irrigation  Test Well  Other  
 DeWater

(4) TYPE OF WORK Owner's number of well (if more than one) \_\_\_\_\_  
 New Well Method  Dug  Bored  
 Deepened  Cable  Driven  
 Reconditioned  Rotary  Jetted  
 Decommission

(5) DIMENSIONS Diameter of well 10 1/2 inches  
Drilled 140 feet Depth of completed well 180 ft

(6) CONSTRUCTION DETAILS  
Casing installed  Welded 6 ft Diam from 0 ft to 75 ft  
 Liner installed 4 ft Diam from -6 ft to 180 ft  
 Threaded \_\_\_\_\_ ft to \_\_\_\_\_ ft

Perforations  Yes  No  
Type of perforator used SANDSKILLSAW  
SIZE of perforations 6 inch in by 1/8 inch  
102 perforations from 140 ft to 180 ft

Screens  Yes  No  K-Pac Location \_\_\_\_\_  
Manufacturer's Name \_\_\_\_\_  
Type \_\_\_\_\_ Model No \_\_\_\_\_  
Diam \_\_\_\_\_ Slot Size \_\_\_\_\_ from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
Diam \_\_\_\_\_ Slot Size \_\_\_\_\_ from \_\_\_\_\_ ft to \_\_\_\_\_ ft

Gravel/Filter packed  Yes  No  Size of gravel/sand \_\_\_\_\_  
Material placed from \_\_\_\_\_ ft to \_\_\_\_\_ ft

Surface seal  Yes  No To what depth? 18 ft  
Material used in seal BEATONITE  
Did any strata contain unusable water?  Yes  No  
Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
Method of sealing strata off \_\_\_\_\_

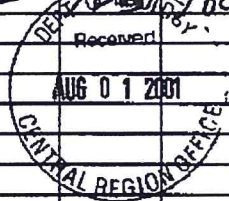
(7) PUMP Manufacturer's Name \_\_\_\_\_  
Type \_\_\_\_\_ HP \_\_\_\_\_

(8) WATER LEVELS Land surface elevation above mean sea level \_\_\_\_\_ ft  
Static level 34 ft below top of well Date 7/20/01  
Artesian pressure \_\_\_\_\_ lbs per square inch Date \_\_\_\_\_  
Artesian water is controlled by \_\_\_\_\_ (Cap, valve etc)

(9) 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  
Yield \_\_\_\_\_ gal/min with \_\_\_\_\_ ft drawdown after \_\_\_\_\_ hrs  
Yield \_\_\_\_\_ gal/min with \_\_\_\_\_ ft drawdown after \_\_\_\_\_ hrs  
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  
Time Water Level Time Water Level Time Water Level  
Date of test \_\_\_\_\_  
Bailer test \_\_\_\_\_ gal/min with \_\_\_\_\_ ft drawdown after \_\_\_\_\_ hrs  
Airtest 15 gal/min with \_\_\_\_\_ ft drawdown after \_\_\_\_\_ hrs  
Artesian flow \_\_\_\_\_ g p m Date \_\_\_\_\_  
Temperature of water \_\_\_\_\_ Was a chemical analysis made?  Yes  No

(10) WELL LOG or DECOMMISSIONING PROCEDURE DESCRIPTION  
Formation Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. Indicate all water encountered

MATERIAL	FROM	TO
CLAY SOIL	0	7
Brown Cemented GRAVEL	7	29
Grey Cemented GRAVEL & SHALE	29	75
Grey GRANITE	75	90
Grey SHALE	90	104
BLACK SHALE WITH WATER	104	109
Grey SHALE	109	120
WHITE SAND ROCK & Grey SHALE	120	148
Broken SHALE WITH WATER	148	154
Grey SHALE	154	165
BLACK SHALE & SAND ROCK	165	180



Work Started 7-15-01 Completed 7-18-01

### WELL CONSTRUCTION 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.  
Type or Print Name Bill Bolvard License No 0997  
(Licensed Driller/Engineer)  
Trainee Name \_\_\_\_\_ License No \_\_\_\_\_  
Drilling Company Water Man Well Drilling  
(Signed) Bill Bolvard License No 1335  
(Licensed Driller/Engineer)  
Address 106 Berriman Ln Selah WA 989  
Contractor's Registration No WATERW002208 7/20/01

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (360) 407-6600. The TDD number is (360) 407-6006.