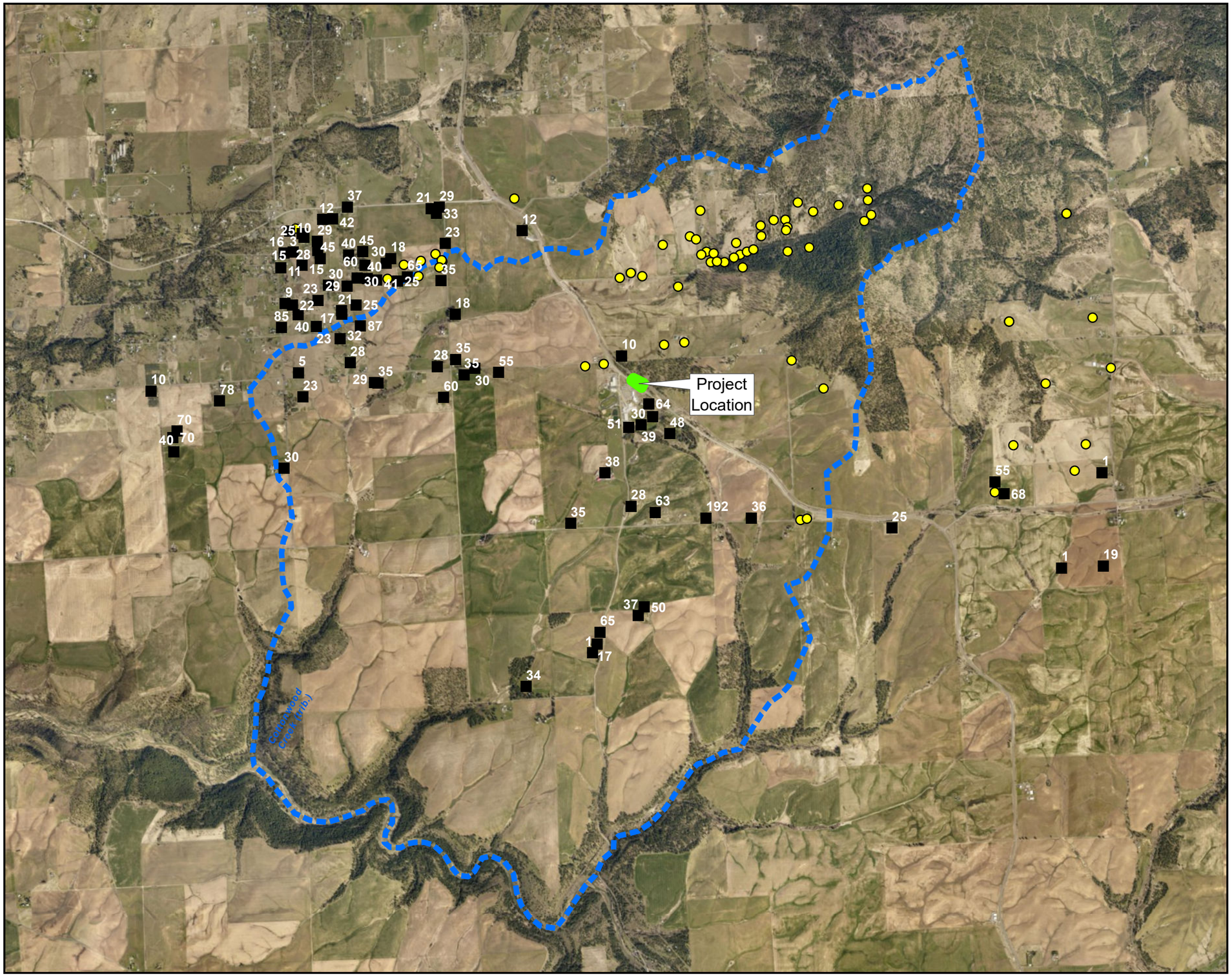
Appendix C
Domestic Well Logs



LEGEND

- Domestic Wells, Depth to Basalt (ft)
- WA State Well Logs
- Model Boundary

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

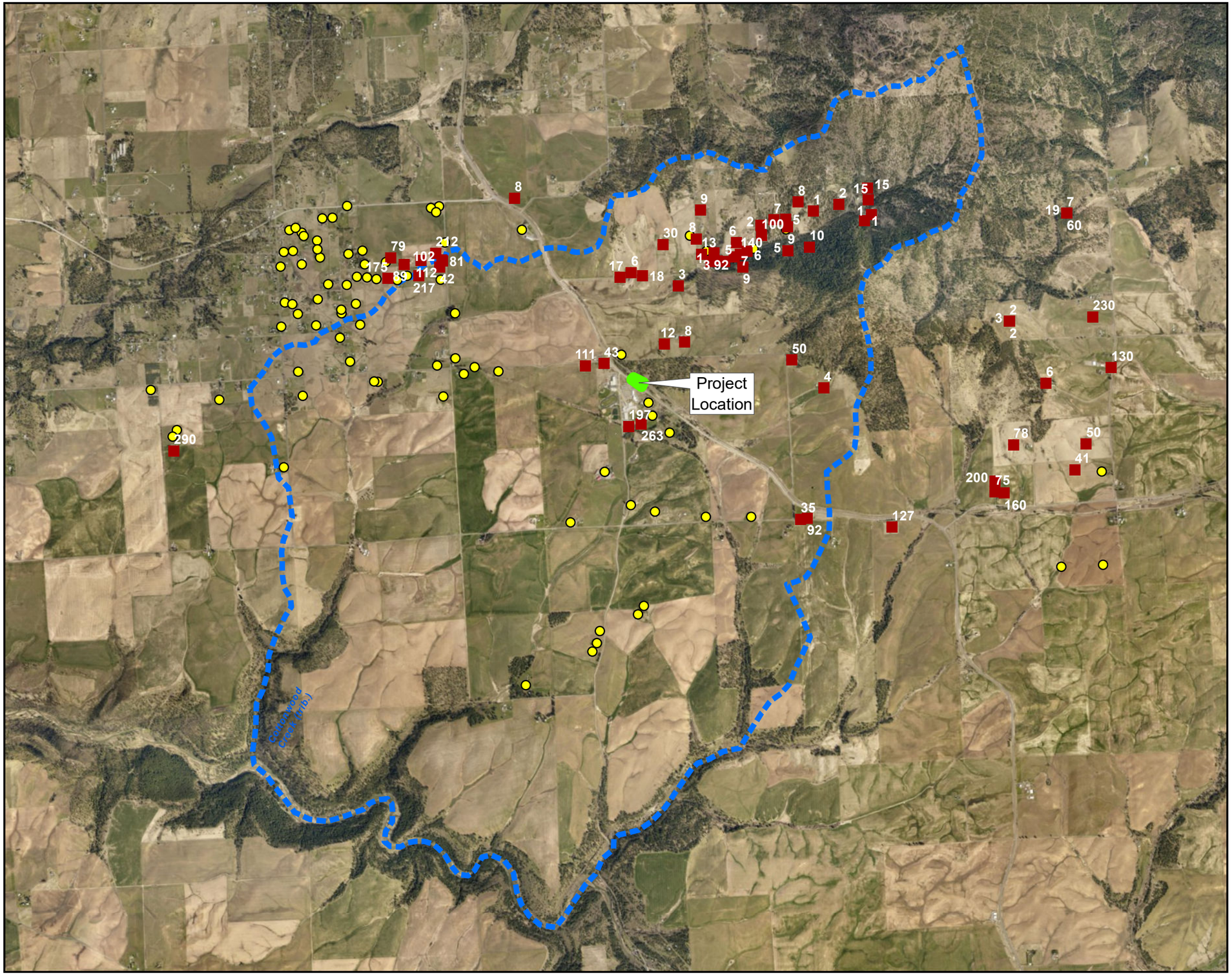
N

0 1,900 3,800 7,600 Feet

Figure C-1
Domestic Wells With Basalt
Remedial Investigation/Feasibility Study Report
Grain Handling Facility at Freeman,
Freeman, Washington

JACOBS

\\BROOKSIDEFILES\GIS_SHARE\ENBG\00_PROJ\U\UPRR\UPRR_FREEMAN\MAPS\REPORT\2019\RIFS\FIGC-1_DT_BASALT.MXD GMOON 11/20/2019 10:55:13 AM



LEGEND

- Domestic Wells, Depth to Granite (ft)
- WA State Well Logs
- Model Boundary

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

N

0 1,900 3,800 7,600 Feet

Figure C-2
Domestic Wells With Granite
Remedial Investigation/Feasibility Study Report
Grain Handling Facility at Freeman,
Freeman, Washington

JACOBS

\\BROOKSIDEFILES\GIS_SHARE\ENBG\00_PROJ\U\UPRR\UPRR_FREEMAN\MAPS\REPORT\2019\RIFS\FIGC-2_DT_GRANITE.MXD GMOON 11/20/2019 10:55:35 AM

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

WATER WELL REPORT

WS1

STATE OF WASHINGTON

Application No. .....

Permit No. .....

(1) OWNER: Name FREEMAN SCHOOL DISTRICT #358 Address Freeman, Washington 99015

(2) LOCATION OF WELL: County Spokane — SW ¼ NW ¼ Sec. 1 T. 23 N., R. 44E W.M.

Bearing and distance from section or subdivision corner

(3) PROPOSED USE: Domestic ☐ Industrial ☐ Municipal ☐
School District — Irrigation ☐ Test Well ☐ Other ☒

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

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 375 ft. Depth of completed well 375 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6 " Diam. from +1 ft. to 62 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☒ " Diam. from ft. to ft.

Perforations: 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.

Screens: Yes ☐ No ☒
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
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? 62 ft.
Material used in seal Bentinite
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 6560 ft.
Static level 43 ft. below top of well Date 10/15/73
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 ~~water~~ air test made? Yes ☒ No ☐ If yes, by whom? Driller
Yield: 10 gal./min. with 132 ft. drawdown after 1 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.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes ☐ No ☒

(10) WELL LOG:

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
Top soil, brown, silty	0'	2'
Clay, tan, hard	2'	14'
Clay, moist, tan	14'	23'
Quartz, heav fract	23'	27'
Basalt, decom, brown & green-black lay	27'	29'
Basalt, decom, mined w/gray clay, moist	29'	39'
Basalt, heav fract, brown, fairly hrd	39'	44'
Basalt, fract, brown-black, med hrd	44'	48'
Basalt, fract, blck, m hrd, water 2GPM	48'	55'
Basalt, heav fract, black, soft	55'	59'
Basalt, occas fract, gray-blck, hard	59'	98'
Basalt, fract, black, med hrd	98'	111'
Shale, tan & green, firm	111'	123'
Shale, olive green, firm	123'	125'
Basalt, brown, fairly hard	125'	137'
Clay, brown, firm	137'	168'
Basalt, fract, blck, m hrd, water 3GPM	168'	180
Basalt, occas fract, blck, hard	180'	188'
Basalt, heav fract, brn, m hrd, Wat. 5GPM	188'	194
Shale, brown, firm	194'	201'
Clay, moist, rusty brown	201'	211'
Clay, moist, white	211'	214'
Clay, moist, brown	214'	218'
Clay, moist, dark gray	218'	223'
Clay, moist, brown	223'	234'
Clay, moist, redish-orange	234'	241'
Clay, moist, tan	241'	259'
Quartz, purple & white, soft	259'	263'
Granite, heav fract, med hrd	263'	270'
Granite, occas fract, med hrd	270'	286'
Granite, heav fract, heavily white quartz content, med hard	286'	328'
Clay, moist, white, w/small layers of white quartz sand	328'	343'
Quartz, fract, white, w/mica flakes, med hard	343'	348
Quartz, purple & white, hard	348'	375'

Work started Oct. 10, 1973 Completed Oct. 15, 1973

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 ZINKGRAF WELL DRILLING COMPANY
(Person, firm, or corporation) (Type or print)

Address E. 1606 Sharp, Spokane, Wash. 99202

[Signed] James J. Zinkgraf (Well Driller)

License No. 544 Date Oct. 17, 1973

(USE ADDITIONAL SHEETS IF NECESSARY)

S. F. No. 7356—OS—(Rev. 4-71).

10/23/73

WS4

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

WATER WELL REPORT

No Record

Application No

STATE OF WASHINGTON

Permit No.

(1) OWNER: Name FREEMAN SCHOOL Address FREEMAN WA.

(2) LOCATION OF WELL: County SPOKANE — NE ¼ NE ¼ Sec. 2 T. N., R. 44 W.M.

ing and distance from section or subdivision corner ½ Mi S. JACKSON & STOUGHTON RDS. (23)

(8) PROPOSED USE: Domestic ☐ Industrial ☐ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one)

New well ☐ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☒ Driven ☐
Reconditioned ☒ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 256 ft. Depth of completed well 256 ft.

(6) CONSTRUCTION DETAILS: 24" ADDED TO TOP

Casing installed: ~~8~~ 6" Diam. from ft. to ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☐ " Diam. from ft. to ft.

Perforations: 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.

Screens: Yes ☐ No ☒
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
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? ft.
Material used in seal ?
Did any strata contain unusable water? Yes ☐ No ☐
Type of water? 1 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 2550 ft.
Static level 66 ft. below top of well Date 9-17-73
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

Bailer test
Bailer test 15 gal./min. with 110 ft. drawdown after 2 hrs.
Artesian flow g.p.m. Date
Temperature of water 48 Was a chemical analysis made? Yes ☐ No ☒

(10) WELL LOG:

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
Closed granit sand that appeared to be decomposed granit that had fallen apart with yellow discoloration of water with large white cristals - Soft.	187	253

Work started, 19 Completed, 19

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 ACME DRILLING CO (Person, firm, or corporation) (Type or print)

Address Box 765 Rt3 Spokane Wa

[Signed] Emil A. Benander (Well Driller)

License No. 223-02-6400 Date 8-20, 1973
-033-

9/5/73

(USE ADDITIONAL SHEETS IF NECESSARY)

S. F. No. 7356—OS—(Rev. 4-71).

The Department of Ecology does NOT warranty the data and/or the information on this well report.

Production Well
WS5

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

Application No. .....
Permit No. .....

(1) OWNER: Name Freeman School Dist. # 358 Address Freeman, Washington 99015

(2) LOCATION OF WELL: County Spokane — SW ¼ NW ¼ Sec. 1 T. 24 N., R. 44E W.M.
Bearing and distance from section or subdivision corner ½ mile south of Hiway 27 on Jackson Rd 23 45 44

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

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

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 215 ft. Depth of completed well 215 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6" Diam. from 0 ft. to 52 ft.
Threaded ☐ ..." Diam. from ... ft. to ... ft.
Welded ☒ ..." Diam. from ... ft. to ... ft.

Perforations: 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.

Screens: Yes ☐ No ☒
Manufacturer's Name.....
Type..... Model No.....
Diam. ... Slot size ... from ... ft. to ... ft.
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? 52 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.... 2425 ft.
Static level ... ft. below top of well Date 6-30-80
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 50 gal./min. with ... ft. drawdown after 3 hrs.
Artesian flow ... g.p.m. Date.....
Temperature of water 49 Was a chemical analysis made? Yes ☐ No ☒

(10) WELL LOG:

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
overburden	0	5
clay brown, yellow white black	5	51
grey basalt med hard	51	105
blue basalt hard	105	175
grey basalt	175	180
basalt shattered pillow lava	180	195
quartzite gravel (water bearing)	195	197
decomposed granite	197	215

RECEIVED
JAN 15 1981
DEPARTMENT OF ECOLOGY
SPOKANE REGIONAL OFFICE

Work started June 26, 19 80 Completed June 30, 19 80

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 Acme Drilling Co. Inc. (Person, firm, or corporation) (Type or print)
Address Rt. 1 Box 185 Deer Park, Wn. 99006
[Signed] Ron S. Kennedy (Well Driller)
License No. 0712 Date June 30, 19 80

ATR 1/15/81

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20

WASHINGTON STATE DEPARTMENT OF ECOLOGY

Well Tagging Form

Unique Well Tag No: AHC 757

RECORD VERIFICATION (check ✓ one)

- [ ] Well Report available *(please attach this form to the well report and submit it to the Ecology Regional Office near you)*
- [ ] Verification inconclusive PWS ID 26460 SOURCE 05
- [ ] Well Report not available

WELL OWNERSHIP, IF DIFFERENT FROM WELL REPORT

First Name: FREEMAN SCHOOL DIST 358 Last Name:

Street Address:

City: State:

LOCATION OF WELL, IF DIFFERENT FROM WELL REPORT

Well Address:

City: County: SPOKANE

T. N. R. W.M. Sec. 1/4 of the

FOR AGENCY USE ONLY

Latitude 47° 30 57.486 "

Longitude 117° 11 41.085 "

- [x] GPS
- [ ] Topographic Map
- [ ] Survey
- [ ] Computer generated

Elevation at land surface feet/meters *(circle one)*

- [ ] Digital Altimeter
- [ ] Topographic Map
- [ ] Other

Additional information, if available:

- [ ] Location marked on topographic map *(please attach)*
- [ ] Location marked on air photo *(please attach)*

FOR AGENCY USE ONLY

WELL CHARACTERISTICS

Physical Description of well (size of casing, type of well, housing, etc.)

SUBMERSIBLE OUTSIDE IN FENCED AREA

Location of Well identification Tag:

ON WELL CAP BOLT

Was supplemental tag needed for ease of identifying well? ☐ Yes ☐ No

If yes, where was tag placed? _____

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

Scale 1:24,000 (1"=2,000')

Indicate the location of the well within the Section by drawing a dot at that point.

SECTION _____

COMMENTS:

FOR ECOLOGY WATER RESOURCES PROGRAM ONLY

Water Right # _____ Date Issued _____

Circle One: Application Permit Certificate Claim Exempt

W02

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

Application No. .....

Permit No. .....

(1) OWNER: Name John G. Welton Address Rt. # 1 Box 114 Valleyford, Washington

(2) LOCATION OF WELL: County Spokane — SW ¼ SW ¼ Sec 35 T. 24 N., R. 44E W.M.

g and distance from section or subdivision corner

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

(4) TYPE OF WORK: Owner's number of well (if more than one) ....

New well ☒ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☐ Driven ☐
Reconditioned ☐ Rotary ☒ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 103 ft. Depth of completed well 103 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6 " Diam. from +1 ft. to 44 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☒ " Diam. from ft. to ft.

Perforations: Yes ☒ No ☐ P.V.C. Pipe
Type of perforator used saw
SIZE of perforations 1/4 in. by 6 in.
80 perforations from 50 ft. to 103 ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes ☐ No ☒
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
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? 18 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 2512 ft.
Static level 25' ft. below top of well Date
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 12 gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Cold Was a chemical analysis made? Yes ☐ No ☒

(10) WELL LOG:

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
clay hard basalt	0	25
gray clay firm	25	30
broken basalt with layers of clay	30	42
porous basalt	42	50
Porous basalt water	50	66
firm basalt water	66	103
seep at 30 to 42		
water at 50 to 103		

RECEIVED
JUL 17 1980
DEPARTMENT OF ECOLOGY
SPOKANE REGIONAL OFFICE

Work started 6/10/, 1980 Completed 6/11/, 1980

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 American Drilling & Development Inc. (Person, firm, or corporation) (Type or print)

Address P.O. Box 14977 Spokane, Washington

[Signed] (Well Driller)

License No. 0688 Date 7/15/, 1980

7/17/80

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20

The Department of Ecology does not warranty the Data and/or the information on this well report.

W03

82616

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. W061763

UNIQUE WELL I.D. # ACT247

Water Right Permit No. _____

OWNER: Name DENNY MYERS Address E 13116 STOUGHTON RD, VALLEY FORD, WA 99036

(2) LOCATION OF WELL: County SPOKANE - NW 1/4 NW 1/4 Sec 02 T. 23N N., R. 44E W.M.

(2a) STREET ADDRESS OF WELL (or nearest address) _____

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

(4) TYPE OF WORK: Owner's number of well (If more than one) _____

Abandoned ☐ New well ☒ Deepened ☐ Reconditioned ☐ Method: Dug ☐ Cable ☐ Rotary ☐ Bored ☐ Driven ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 180 feet. Depth of completed well 180 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6" Diam. from +2 ft. to 51 ft.
Welded ☒ 4" Diam. from -40 ft. to 180 ft.
Liner installed ☒
Threaded ☐ " Diam. from ft. to ft.

Perforations: 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.

Screens: Yes ☒ No ☐
Manufacturer's Name _____
Type PVC Model No. _____
Diam. 4 Slot size .20 from 140 ft. to 180 ft.
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? -40 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 40 ft. below top of well Date 12/7/00
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 30 gal./min. with stem set at 175 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
TOPSOIL	0	1
BROWN CLAY	1	35
BASALT WITH CLAY	35	40
BASALT - BROKEN - BLACK	40	45
BASALT - BLACK - MEDIUM	45	51
BASALT - BLACK - HARD	51	90
BASALT - BLACK - SOFT - BROKEN	90	125
CLAY - BLACK - HARD PAN	125	155
BASALT - BLACK - SOFT	155	175
CLAY - BROWN - SOFT	175	180

RECEIVED DEC 11 2000 DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

Work Started 12-6-00, 19. Completed 12-7-00, 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 UNITED DRILLING INC (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

Address PO BOX 1690, HAYDEN ID 83835

(Signed) _____ (WELL DRILLER) License No. 2364

Contractor's Registration No. UNITEDI137Q3 Date 12/7/00, 19

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (206) 407-6600. The TDD number is (206) 407-6006.

ECY 050-1-20 (9/93) * * f

W06

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

Application No.

Permit No

(1) OWNER: Name Mrs. John O'Neill Address 34 Lynnbrook Dr. Eugene Ore.

LOCATION OF WELL: County Spokane NW ¼ NE ¼ Sec. 2 T. 23 N., R. 44 E. W.M.

...ng and distance from section or subdivision corner

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

(4) TYPE OF WORK: Owner's number of well (if more than one)

New well ☑ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☐ Driven ☐
Reconditioned ☐ Rotary ☑ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 260 ft. Depth of completed well 260 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6" Diam. from +1 ft. to 210 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☐ " Diam. from ft. to ft.

Perforations: 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.

Screens: Yes ☐ No ☑
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
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? 18+ 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 2580 ft.
Static level 125 ft. below top of well Date 11-16-79
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.
" " " "
Air Test Approx 12 GPM "

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.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes ☐ No ☐

(10) WELL LOG:

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
Top Soil	0	2
Brown Clay (Hard)	2	81
Yellow " (")	81	89
Pink Clay (")	89	111
Fractured Granite	111	260

RECEIVED
FEB 28 1980
DEPARTMENT OF ECOLOGY
SPOKANE REGIONAL OFFICE

Work started 11-13, 19 79 Completed 11-16, 19 79

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 J & J Drilling Inc. (Person, firm, or corporation) (Type or print)

Address 5613 S Link Rd Spokane Wash

[Signed] Gerald R Johnson (Well Driller)

License No. 0215 Date 11-18, 19 79

2/27/80

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 060-1-20

The Department of Ecology does not warranty the data and/or the information on this well report.

W07

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

Application No

Permit No.

(1) OWNER: Name B. H. HOBBS Address S. 521 Howe Spokane

LOCATION OF WELL: County SPOKANE — S.E. ¼ NE ¼ Sec. 32 T. 24 N., R. 44 E.W.M.

Distance and direction from section or subdivision corner JUST W. of FANCHER Rd on 37th

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

(4) TYPE OF WORK: Owner's number of well (if more than one)

New well ☑ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☐ Driven ☐
Reconditioned ☐ Rotary ☑ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 195 ft. Depth of completed well 195 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6" Diam. from 0 ft. to 60 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☑ 4" Diam. from 5 ft. to 170 ft.

Perforations: 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.

Screens: Yes ☐ No ☑
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
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 2600 ft.
Static level 52 ft. below top of well Date 4-10-83
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
AIR LIFT 50 gpm					

Date of test
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water 49° Was a chemical analysis made? Yes ☐ No ☑

9/28/83

(10) WELL LOG:

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
OVERBURDEN	0	3
SANDY CLAY	3	12
SAND & GRAVEL	12	17
DECOMPOSED GRANITE	17	59
SHATTERED HARD GRANITE	59	195

RECEIVED
SEP 29 1983
DEPARTMENT OF ECOLOGY
SPOKANE REGIONAL OFFICE

Work started 4-5, 1983. Completed 4-8, 1983

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 ACME DRILLING CO. INC. (Person, firm, or corporation) (Type or print)

Address RT 1 Box 185 DEER PARK

[Signed] Ron S. Kennedy (Well Driller)

License No. 0712 Date 4-15, 1983

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20

The Department of Ecology does not warranty the data given on this well report.

W10

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. ___

Water Right Permit No. ___

OWNER: Name Robert Brandt Address 5-6220 Ben Burr Rd Spok WA.

(2) LOCATION OF WELL: County Spokane NE ¼ SE ¼ Sec. 2 T 23 N., R 44 W.M.

(2a) STREET ADDRESS OF WELL (or nearest address) Elder Rd & Jackson Rd. Fairwater WA.

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

(4) TYPE OF WORK: Owner's number of well (if more than one) ___

Abandoned ☐ New well ☐ Deepened ☐ Reconditioned ☐ Method: Dug ☐ Cable ☐ Rotary ☑ Bored ☐ Driven ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.

Drilled 220 feet. Depth of completed well 220 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6" Diam. from +1 ft. to 44 ft.

Welded ☑ Liner installed ☑ Threaded ☐ " Diam. from ___ ft. to ___ ft.

Perforations: 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.

Screens: Yes ☐ No ☑

Manufacturer's Name ___

Type ___ Model No. ___

Diam. ___ Slot size ___ from ___ ft. to ___ ft.

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? 18+ 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 70 ft. below top of well Date 8-18-89

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.

" " " "

Air Test 20 GPM "

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 ___ gal./min. with stem set at ___ ft. for ___ 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
Top Soil	0	2
Clay Brown - Hard	2	35
Basalt - Highly Fractured	35	40
" Hard	40	110
" Fractured w/Brn Clay	110	160
" Mud.	160	166
" Fractured	166	169
" Hard	169	170
" ~~Mud~~ Fractured	170	185
" Mud.	185	187
" Fractured	187	196
" Hard	196	220

RECEIVED SEP 15 1989

Work started 8-17 88 Completed 8-18- 1989

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 J & J Drilling Inc. (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

Address 5613 S Linka Rd Fairwater WA.

(Signed) Alan Anderson 82 (WELL DRILLER) License No. 1447

Contractor's Registration No. JJDRIL-177K4 Date 8-23, 1987

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20 (10/87) -1329- 3

W11

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

Application No. .....

Permit No. .....

(1) OWNER: Name DWAYNE LASHAW Address RT. 1 BOX 121 VALLEYFORD WA 99036

(2) LOCATION OF WELL: County SPOKANE — SE¼ SE¼ Sec. 2 T. 23 N., R. 44 W.M.

Bearing and distance from section or subdivision corner

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

(4) TYPE OF WORK: Owner's number of well (if more than one)....

New well ☒ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☐ Driven ☐
Reconditioned ☐ Rotary ☒ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 200 ft. Depth of completed well 200 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6" Diam. from +1 ft. to 59 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☒ " Diam. from ft. to ft.

Perforations: 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.

Screens: Yes ☐ No ☒
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
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 95 ft. below top of well Date
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.
APPROX. 120+ GPM BY AIR LIFT "
" " " "

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.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes ☐ No ☐

(10) WELL LOG:

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
TOPSOIL	0	1
LT. BRN. CLAY - HARD	1	12
SAND & GRAVEL	12	15
TAN CLAY - FIRM	15	22
GRAY CLAY - FIRM	22	38
BASALT - VERY HARD W/FRACTS WATER	38	135
BASALT - HARD W/FRACTS. - WATER	135	155
BASALT - FRACT - CLAY BINDER - WATER	155	168
BASALT - FRACT - CINDERS - CLAY BINDER - WATER	168	200
WELL IS LINED W/ 4" PVC		

RECEIVED
AUG 31 1987
DEPARTMENT OF ECOLOGY
SPOKANE REGIONAL OFFICE

Work started 8/27 1987 Completed 8/28 1987

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 J & J DRILLING, INC. (Person, firm, or corporation) (Type or print)

Address S. 5613 LINKS RD. GREENACRES WA.

[Signed] [illegible] (Well Driller)

License No. 1278 Date 8/30 1987

8/31/87

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20

W12

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

Application No.
Permit No.

(1) OWNER: Name SCOTT GEIER Address E. 15602 SPRAGUE SPACE 19, SPOKANE WA.

(2) LOCATION OF WELL: County SPOKANE — NW ¼ SW ¼ Sec. 36 T. 24 N., R. 44 W.M.

Bearing and distance from section or subdivision corner

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

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

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 180 ft. Depth of completed well 180 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6" Diam. from +1 ft. to 39 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☒ " Diam. from ft. to ft.

Perforations: 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.

Screens: Yes ☐ No ☒
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
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? 18 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 15 ft. below top of well Date
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.
APPROX. 5 GPM BY AIRTEST "
" " " "

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.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes ☐ No ☐

9/15/86

(10) WELL LOG:

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
TOPSOIL	0	2
WHITE CLAY - FIRM	2	5
BRN. CLAY - FIRM TO HARD	5	18
BASALT - FRACT.	18	19
BASALT - MED. W/ FRACTS.	19	55
BASALT - HARD W/ FRACTS. - WATER	55	95
BRN. CLAY - HARD	95	150
DK. BRN. CLAY - HARD	150	170
LT. BRN. CLAY - GRITTY - FIRM	170	180

RECEIVED
SEP 15 1986
DEPARTMENT OF ECOLOGY
SPOKANE REGIONAL OFFICE

Work started 8/26 19 86 Completed 8/29 1986

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 J & J DRILLING, INC. (Person, firm, or corporation) (Type or print)

Address 5 15613 LINKE RD., GREENACRES WA.

[Signed] (Well Driller)

License No. 1278 Date 9/8, 1986

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 060-1-20

This Report of Ecology does not warrant the accuracy of the information on this Report.

W15

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

WATER WELL REPORT

STATE OF WASHINGTON

Notice of Intent W121466

UNIQUE WELL I.D. # ACY-030

Water Right Permit No.

(1) OWNER: Name Mick Stark Address 14909 S Valley Chapel Rd. Valleyford 99

(2) LOCATION OF WELL: County Spokane NW 1/4 SW 1/4 Sec 01 T 23N N.R. 44E WM

(2a) STREET ADDRESS OF WELL: (or nearest address) Corner of Jackson & Elder Rd.

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) 1
☒ New Well ☐ Deepened ☐ Reconditioned ☐ Decommission
Method: ☐ Dug ☐ Cable ☒ Rotary ☐ Bored ☐ Driven ☐ Jetted

(5) DIMENSIONS: Diameter of well 6" inches
Drilled 180 feet. Depth of completed well 180 ft.

(6) CONSTRUCTION DETAILS
Casing Installed:
☒ Welded 6" Diam. from +2 ft. to -28 ft.
☒ Liner installed 4" Diam. from -20 ft. to -180 ft.
☐ Threaded Diam. from ft. to ft.

Perforations: ☒ Yes ☐ No
Type of perforator used Skillsaw
SIZE of perforations in. by in.
perforations from ft. to 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? 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 50 ft. below top of well Date
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 20+ 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
Topsoil	0	3
Basalt Broken Soft	3	28
Basalt Black Medium	28	110
Basalt Fractured W/Some Clay	110	120
Basalt Black Medium	120	155
Basalt Fractured W/Water	155	180

RECEIVED NOV 5 1999 DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

Work Started 10/18/99 Completed 10/18/99

WELL CONSTRUCTION CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and it 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 Jim McLeslie License No. 2257
(Licensed Driller/Engineer)

Trainee Name License No.
Drilling Company H2O Well Svc Inc. 1-800-772-4
(Signed) Jim McLeslie License No. 2257
(Licensed Driller/Engineer)
Address 582 W Hayden Ave Hayden Lake Id 8
Contractor's Registration No. H2OWESI101DW Date 10/18/99

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For specia

W 1 O

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

WATER WELL REPORT

STATE OF WASHINGTON

Notice of Intent _____

UNIQUE WELL I.D. # AEQ094

Water Right Permit No. W111948

(1) OWNER: Name Steve Ellersick Address 10015 E. 19th Spokane, WA 99206

(2) LOCATION OF WELL: County Spokane ____ 1/4 NW 1/4 Sec 36 T 24N N.R. 44E WM

(2a) STREET ADDRESS OF WELL: (or nearest address) Washington

TAX PARCEL NO.: unknown

(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
☒ New Well ☐ Deepened ☐ Reconditioned ☐ Decommission
Method: ☐ Dug ☐ Bored ☐ Cable ☐ Driven ☒ Rotary ☐ Jetted

(5) DIMENSIONS: Diameter of well 6 inches
Drilled 480 feet. Depth of completed well 480 ft.

(6) CONSTRUCTION DETAILS
Casing Installed:
☒ Welded 6" Diam. from +1 ft. to 39 ft.
☐ Liner installed ____" Diam. from ____ ft. to ____ ft.
☐ Threaded ____" Diam. from ____ ft. to ____ ft.

Perforations: ☐ Yes ☒ No
Type of perforator used ____
SIZE of perforations ____ in. by ____ in.
____ perforations from ____ ft. to ____ 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 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 100 ft. below top of well Date 8/11/99
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 1/2 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
Topsoil	0	1
Clay, Brown	1	18
Granite, Hard	18	21
Granite, Fractured	21	26
Granite, Medium to Hard	26	71
Granite, Medium to Soft	71	77
Granite, Medium	77	107
Granite, Fractured - Water 1/2 gpm	107	108
Granite, Medium to Hard w/ slight fractures	108	197
Granite, Hard w/ slight fractures	197	206
Granite, Medium to Hard w/ slight fractures	206	347
Granite, Hard w/ slight fractures	347	480

RECEIVED NOV 3 1999 DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

Work Started 8/10/99, Completed 8/11/99

WELL CONSTRUCTION CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and compliance with all Washington well construction standards. Materials us and the information reported above are true to my best knowledge and bel

Type or Print Name Don Anderson License No. 1447
(Licensed Driller/Engineer)

Trainee Name - License No. -
Drilling Company J & J Drilling, Inc.
(Signed) [signature] License No. 0215
(Licensed Driller/Engineer)
Address S 5613 Linke Greenacres, WA99

Contractor's Registration No. JJDRII-177KU Date 8/20/99

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For spe

W19

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. W101886
UNIQUE WELL I.D. # AEC465
Water Right Permit No.

(1) OWNER: Name Tracy & Kim Johnson Address 16002 E. Washington Valleyford, WA 99

(2) LOCATION OF WELL: County Spokane ___ 1/4 SW 1/4 Sec 36 T 24 N N., R 44 E W

(2a) STREET ADDRESS OF WELL (or nearest address) 16002 E. Washington

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

(4) TYPE OF WORK: Owner's number of well (if more than one)
Abandoned [ ] New well [X] Deepened [ ] Reconditioned [ ]
Method: Dug [ ] Cable [ ] Rotary [X] Bored [ ] Driven [ ] 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 +1 ft. to 50 ft.
Welded [X] 4" Diam. from ___ ft. to 300 ft.
Liner installed [ ]
Threaded [ ] " Diam. from ___ ft. to ___ ft.

Perforations: Yes [ ] No [X]
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: Yes [ ] No [X]
Manufacturer's Name
Type Model No.
Diam. ___ Slot size ___ from ___ ft. to ___ ft.
Diam. ___ Slot size ___ from ___ ft. to ___ ft.

Gravel packed: Yes [ ] No [X] Size of gravel
Gravel placed from ___ ft. to ___ ft.

Surface seal: Yes [X] No [ ] To what depth? 18+ ft.
Material used in seal Bentonite
Did any strata contain unusable water? Yes [ ] No [X]
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 20 ft. below top of well Date 6/31/98
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 [X] If yes, by whom?
Yield: ___ gal./min. with ___ ft. drawdown after ___ hrs.
"Air Test 3" gpm " "
" " " "

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 ___ gal./min. with stem set at ___ ft. for ___ 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
Top Soil	0	3
Granite, Decomposed	3	27
Granite, Med. to Soft	27	104
Granite, Medium	104	128
Granite, Fractured - Water 3gpm	128	131
Granite, Very Hard	131	210
Granite, Med. w/ Fractures	210	300

JUL 1998
DEPARTMENT OF ECOLOGY
EASTERN REGIONAL OFFICE

Work Started 6/30/98, 19. Completed 6/31/98, 19 98

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 J & J Drilling, Inc. (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

Address S. 5613 Linke Greenacres, WA 99

(Signed) [signature] (WELL DRILLER) License No. 1447

Contractor's Registration No. JJDRII-177KU Date 7/2/98, 19 98

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (206) 407-6600. The TDD number is (206) 407-6006.

ECY 050-1-20 (9/93)

The Department of Ecology does not warrant the data entered on this form.

W20

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

Application No. .....
Permit No. .....

(1) OWNER: Name Larry Marlow Address R-1 Box 91 Valleyford Wa 99036

(2) LOCATION OF WELL: County Spokane — ¼ NW ¼ Sec. 1 T. 23 N., R. 44 E. W.M.
ing and distance from section or subdivision corner Lot 1 Block 3 Freeman Addition

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

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

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 100 ft. Depth of completed well 100 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6" Diam. from +2 ft. to 64 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☑ " Diam. from ft. to ft.

Perforations: 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.

Screens: Yes ☐ No ☑
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
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? 18 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 2600 ft.
Static level 29 ft. below top of well Date 2-22-84
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 60 gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes ☐ No ☑

3/14/84

(10) WELL LOG:

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
Black top soil	0	4
Yellow clay	4	64
Black Basalt hard	64	100

RECEIVED
MAR 14 1984
DEPARTMENT OF ECOLOGY
SPOKANE REGIONAL OFFICE

Work started 2-5, 1984 Completed 2-22, 1984

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 Boyd L. Wood (Person, firm, or corporation) (Type or print) 99036
Address R-1 Box 154A Valleyford, Wa
[Signed] Boyd L. Wood (Well Driller)
License No. 1283 Date 3-11, 1984

(USE ADDITIONAL SHEETS IF NECESSARY)

W21

WATER WELL REPORT

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

Construction/Decommission *("x" in circle)* 358294

☒ Construction

☐ Decommission *ORIGINAL INSTALLATION*

Notice of Intent Number _____

PROPOSED USE: ☒ Domestic ☐ Industrial ☐ Municipal ☐ DeWater ☐ Irrigation ☐ Test Well ☐ Other _____

TYPE OF WORK: Owner's number of well (if more than one) 1

☒ New well ☐ Reconditioned *Method:* ☐ Dug ☐ Bored ☐ Driven ☐ Deepened ☐ Cable ☒ Rotary ☐ Jetted

DIMENSIONS: Diameter of well 6 inches, drilled 580 ft.
Depth of completed well 580ft.

CONSTRUCTION DETAILS

Casing Installed: ☒ Welded 6" Diam. from +2 ft. to 18 ft.
☒ Liner installed 4" Diam. from -5 ft. to 580 ft.
☐ Threaded ____" Diam. From ____ ft. to ____ ft.

Perforations: ☒ Yes ☐ No

Type of perforator used SAW

SIZE of perfs 1/8 in. by 4 in. and no. of perfs 48 from -560ft. to -580ft.

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? 18 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 _____

PUMP: Manufacturer's Name _____

Type: _____ H.P. _____

WATER LEVELS: Land-surface elevation above mean sea level _____ ft.

Static level 100 ft. below top of well Date 9/17/09

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 10 gal./min. with stem set at _____ ft. for 1 hrs.

Artesian flow _____ g.p.m. Date _____

Temperature of water COLD Was a chemical analysis made? ☐ Yes ☒ No

CURRENT

Notice of Intent No. WE10484

Unique Ecology Well ID Tag No. APC-148

Water Right Permit No. _____

Property Owner Name MICHAEL POPPENS

Well Street Address 16305 E. WASHINGTON RD.

City VALLEYFORD County SPOKANE

Location SE1/4-1/4 NW1/4 Sec 36 Twn 34 R 44E EWM ☒ Or WWM ☐
(s, t, r Still REQUIRED)

Lat/Long Lat Deg ____ Lat Min/Sec ____
Long Deg ____ Long Min/Sec ____

Tax Parcel No. (Required) 44362.9038

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. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL	FROM	TO
Top Soil	0	3
Tan Clay	3	15
Soft Tan Clay	15	30
Gray Granite	30	60
Tan Granite	60	80
Grn & Gry Granite	80	160
Tan & Gry Granite	160	190
Gry & Wht Granite	190	240
Blk & Wht Granite	240	270
Gry & Wht Granite	270	440
Blk & Wht Granite	440	560
Gry & Wht Fract Granite	560	580

RECEIVED
OCT 6 2009
DEPARTMENT OF ECOLOGY
EASTERN REGIONAL OFFICE

Start Date 9/16/2009 Completed Date 9/18/2009

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) JIM McLESLIE

Driller/Engineer/Trainee Signature Jim McLeslie

Driller or trainee License No. 2871

IF TRAINEE: Driller's License No:

Driller's Signature:

Drilling Company H2O WELL SERVICE INC.

Address 582 W. HAYDEN AVE.

City, State, Zip HAYDEN , ID, 83835

Contractor's Registration No. H2OWESI101DW Date 9/18/2009

ECY 050-1-20 (Rev 4/07)

Ecology is an Equal Opportunity Employer

W22

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. 060475 #1

UNIQUE WELL I.D. #

Water Right Permit No.

(1) OWNER: Name Gayle Cattaneo Address S 2821 Glenrose, Spokane, WA 99223

LOCATION OF WELL: County Spokane SE ¼ SW ¼ Sec. 36 T. 24 N., R. 44 W.M.

(2a) STREET ADDDRESS OF WELL (or nearest address) 16000 Stoughton, Freeman, WA

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

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

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 560 feet. Depth of completed well 560 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Diam. from +1 ft. to 97 ft.
Welded [X] Liner installed [ ] Threaded [ ]
" Diam. from ft. to ft.
" Diam. from ft. to ft.

Perforations: Yes [ ] No [X]
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: Yes [ ] No [X]
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes [ ] No [X] Size of gravel
Gravel placed from ft. to ft.

Surface seal: Yes [X] No [ ] To what depth? 18+ ft.
Material used in seal Bentonite
Did any strata contain unusable water? Yes [ ] No [X]
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 60 ft. below top of well Date 5/24/93
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 [X] If yes, by whom?
Yield: 1 gal./min. with ft. drawdown after hrs.
Air test approx. 1-G.P.M. " "
" " " "

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 gal./min. with stem set at ft. for 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
Topsoil	0	1
Clay-brn.-hard	1	12
Granit-decomposed	12	78
Granit-med.	78	110
Granit-fract.-water-½-G.P.M.	110	115
Granit-soft to med.	115	185
Granit-fract.-water-½-G.P.M.	185	186
Granit-med. w/fracts.	186	340
Granit-hard	340	560

JUN 15 1993

Work started 5/20/93, 19. Completed 5/24/, 19 93

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 J & J DRILLING INC (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

Address S 5613 Linke Rd. Greenacres, WA 99016

(Signed) [signature] (WELL DRILLER) License No. 1962

Contractor's Registration No. JJDRIL-177KU Date 5/27/, 19 93

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20 (10/87) -1329- ® 18

The Department of Ecology does not warranty the Data and/or the information on this well report.

W23

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. 060480 #2
UNIQUE WELL I.D. #
Water Right Permit No.

(1) OWNER: Name Gayle Catteneo Address S 2821 Glenrose Spokane, WA 99223

LOCATION OF WELL: County Spokane SE ¼ SW ¼ Sec. 36 T. 24 N., R. 44 W.M.

(2a) STREET ADDDRESS OF WELL (or nearest address) 16000 Stoughton, Freeman, WA

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

(4) TYPE OF WORK: Owner's number of well (if more than one)
Abandoned [ ] New well [X] Deepened [ ] Reconditioned [ ]
Method: Dug [ ] Cable [ ] Rotary [X] Bored [ ] Driven [ ] 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 +1 ft. to 119 ft.
Welded [X] 4" Diam. from ft. to 300 ft.
Liner installed [ ]
Threaded [ ] " Diam. from ft. to ft.

Perforations: Yes [ ] No [X]
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: Yes [ ] No [X]
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes [ ] No [X] Size of gravel
Gravel placed from ft. to ft.

Surface seal: Yes [X] No [ ] To what depth? 18+ ft.
Material used in seal Bentonite
Did any strata contain unusable water? Yes [ ] No [X]
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 60 ft. below top of well Date 5/25/93
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 [X] If yes, by whom?
Yield: 20 gal./min. with ft. drawdown after hrs.
Air test approx. 20-G.P.M. " " " " " " " "

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 gal./min. with stem set at ft. for 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
Topsoil	0	1
Clay-brn.-hard	1	8
Granit-decomposed	8	108
Gaanit-soft to med.	108	230
Granit-med. w/fracts.	230	270
Granit-fract.-water-20-G.P.M.	270	275
Granit-med.	275	300

JUN 15 1993
DEPARTMENT OF ECOLOGY
EASTERN REGIONAL OFFICE

Work started 5/24/93, 19. Completed 5/25/, 19 93

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 J & J DRILLING INC (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)
Address S 5613 Linke Rd. Greenacres, WA 99016
(Signed) [signature] (WELL DRILLER) License No. 1962
Contractor's Registration No. JJDRII-177KU Date 5/27/, 19 93

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 060-1-20 (10/87) -1329-

The Department of Ecology does not warranty the data given on this form.

W24

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

31712

WATER WELL REPORT

STATE OF WASHINGTON WELL

Application No. W27474

Permit No. AAL 153

(1) OWNER: Name DEL THORSON Address 15511 S. JACKSON VALLEY Ford

(2) LOCATION OF WELL: County SPOKANE SE ¼ SW ¼ Sec. 1 T. 23 N., R. 44 W.M.

Bearing and distance from section or subdivision corner 15921 E. ELDER Rd

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

(4) TYPE OF WORK: Owner's number of well (if more than one)....

New well ☑ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☐ Driven ☐
Reconditioned ☐ Rotary ☑ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 210 ft. Depth of completed well 210 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6 " Diam. from +2 ft. to 110 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☑ " Diam. from ft. to ft.

Perforations: 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.

Screens: Yes ☐ No ☑
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
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? 18 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.... 4 ft.
Static level 80 ft. below top of well Date 9-6-98
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.
AIR PRESSURE 40-50 GAL. "
" " " "

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.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes ☐ No ☑

(10) WELL LOG:

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
BROWN CLAY	0	2
BROWN-YELLOW CLAY	2	192
GREY BASALT HARD	192	210

RECEIVED
OCT - 2 1998
OCT. 2 1998
DEPARTMENT OF ECOLOGY
EASTERN REGIONAL OFFICE

Work started 9-1, 1998 Completed 9-6, 1998

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 Boyd L. WOOD (Person, firm, or corporation) (Type or print)

Address 15910 S. CAMPBELL Rd
Rock Ford, WA 99030

[Signed] Boyd L. Wood (Well Driller)

License No. 1283 Date 9-6, 1998

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20

433985 W25

WATER WELL REPORT

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

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

☒ Construction

☐ Decommission *ORIGINAL INSTALLATION*

Notice of Intent Number _____

PROPOSED USE: ☒ Domestic ☐ Industrial ☐ Municipal ☐ DeWater ☐ Irrigation ☐ Test Well ☐ Other _____

TYPE OF WORK: Owner's number of well (if more than one) 2

☒ New well ☐ Reconditioned *Method:* ☐ Dug ☐ Bored ☐ Driven ☐ Deepened ☐ Cable ☒ Rotary ☐ Jetted

DIMENSIONS: Diameter of well 6 inches, drilled 220 ft. Depth of completed well 220 ft.

CONSTRUCTION DETAILS

Casing Installed: ☒ Welded 6" Diam. from +1 ft. to 79 ft.
☒ Liner installed 4" Diam. from 10 ft. to 220 ft.
☐ Threaded _" Diam. From _ ft. to _ ft.

Perforations: ☒ Yes ☐ No

Type of perforator used bit

SIZE of perfs 3/8 in. by ____ in. and no. of perfs ____ from 170 ft. to 220 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? 18+ ft.

Material used in seal Baroid 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: _____ H.P. _____

WATER LEVELS: Land-surface elevation above mean sea level ____ ft.

Static level 130 ft. below top of well Date 9/14/2011

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 100+ gal./min. with stem set at ____ ft. for ____ hrs.

Artesian flow ____ g.p.m. Date _____

Temperature of water ____ Was a chemical analysis made? ☐ Yes ☒ No

CURRENT

Notice of Intent No. WE13541

Unique Ecology Well ID Tag No. BCE817

Water Right Permit No. _____

Property Owner Name Sandra and Joseph Atwood

Well Street Address 15709 E Elder Road

City Valleyford County Spokane

Location SW1/4-1/4 SE1/4 Sec 1 Twn 23N R 44E EWM ☐ Or WWM ☐

(s, t, r Still REQUIRED)

Lat/Long Lat Deg ____ Lat Min/Sec ____
Long Deg ____ Long Min/Sec ____

Tax Parcel No. (Required) 43013.9038

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. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL	FROM	TO
Topsoil	0	2
Clay, Brown & Medium	2	51
Clay, Brown w/ Sand	51	56
Clay, Brown & Medium	56	63
Basalt, Soft & Broken	63	69
Basalt, Medium	69	121
Basalt, Med. to Hard	121	183
Basalt, Fractured w/	183	194
Shale, Black		
Basalt, Highly Fractured	194	206
Water 100+gpm		
Basalt, Soft	206	217
Basalt, Fractured w/	217	220
Shale, Grey		
Recommended pump set		
depth is 210 feet.		

RECEIVED
OCT 27 2011
DEPARTMENT OF ECOLOGY
EASTERN REGIONAL OFFICE

Start Date 9/13/2011 Completed Date 9/14/2011

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) Brian Mosset

Driller/Engineer/Trainee Signature Brian G. Mosset

Driller or trainee License No. 2139

IF TRAINEE: Driller's License No:

Driller's Signature:

Drilling Company J & J Drilling, Inc.

Address 17313 East Linke Road

City, State, Zip Greenacres, WA, 99016

Contractor's Registration No. JJDRII-177KU Date 9/15/2011

Ecology is an Equal Opportunity Employer

W26 1286

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

Application No. .....

Permit No. .....

(1) OWNER: Name Virg & Elsie Marlow Address R-1 Box 116E Valleyford, Wa. 99036

(2) LOCATION OF WELL: County SPOKANE ¼ ¼ Sec 1 T. 23 N., R. 44 E. W.M.

Bearing and distance from section or subdivision corner Lot 2 Block 6 Freeman 1st addition

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

(4) TYPE OF WORK: Owner's number of well (if more than one) ....

New well ☑ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☑ Driven ☐
Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 140 ft. Depth of completed well 140 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6" Diam. from +2 ft. to 44 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☑ " Diam. from ft. to ft.

Perforations: 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.

Screens: Yes ☐ No ☑
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
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? 18 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 78 ft. below top of well Date 3-4-88
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 25 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:

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
0 - 2 Brown top soil	0	2
Yellow Clay	2	30
Broken basalt	30	44
Black hard basalt	44	140

RECEIVED
MAY 4 - 1988
DEPARTMENT OF ECOLOGY
SPOKANE REGIONAL OFFICE

Work started 2-29, 1988 Completed 3-4, 1988

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 Boyd L. Wood (Person, firm, or corporation) (Type or print)
Address R-1 Box 96 Rockford, Wa 99030

[Signed] Boyd L. Wood (Well Driller)

License No. 1283 Date 5-5, 1988

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20

W30

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

Application No. .....
Permit No. .....

(1) OWNER: Name Jon Reed Address Rt-1 Box-88B Valley Ford WA.

(2) LOCATION OF WELL: County Spokane — SW ¼ SE ¼ Sec. 1 T 23 N., R 44 W.M.
Bearing and distance from section or subdivision corner

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

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

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 180 ft. Depth of completed well 180 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6" Diam. from +1 ft. to 59 ft.
Threaded ☐ ..." Diam. from ... ft. to ... ft.
Welded ☑ ..." Diam. from ... ft. to ... ft.

Perforations: 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.

Screens: Yes ☐ No ☑
Manufacturer's Name ...
Type ... Model No. ...
Diam. ... Slot size ... from ... ft. to ... ft.
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? 18 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 2600 ft.
Static level 100 ft. below top of well Date 9-23-81
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.
" " " "
Air Test Approx - 60 GPM "
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.
Artesian flow ... g.p.m. Date ...
Temperature of water ... Was a chemical analysis made? Yes ☐ No ☐

(10) WELL LOG:
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
Top Soil	0	1
Lt-Brn Clay - Hard	1	35
Lt-Brn Clay w/Basalt Layers	35	48
Basalt	48	60
Basalt - Very Hard	60	140
Cinders - w/ Water	140	180

RECEIVED
NOV - 5 1981
DEPARTMENT OF ECOLOGY
SPOKANE REGIONAL OFFICE

Work started 9-23, 19 81 Completed 9-23, 19 81

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 J & J Drilling Inc. (Person, firm, or corporation) (Type or print)

Address 5613 S Lind Rd Spokane Wa

[Signed] Gerald R Johnson (Well Driller)

License No. 0215 Date 9-28, 19 81

11/5/81

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20

W34

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

Application No

Permit No.

(1) OWNER: Name Lauren H. Brown Address Route 1, Box 92-B, Valleyford, WA 99036

LOCATION OF WELL: County SPOKANE — W½ ¼ NE ¼ Sec. 36 T. 24 N., R. 44E W.M.

and distance from section or subdivision corner

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

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

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 50 ft. Depth of completed well 142 ft.

(6) CONSTRUCTION DETAILS: N/A

Casing installed: " Diam. from ft. to ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☐ " Diam. from ft. to ft.

Perforations: 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.

Screens: Yes ☐ No ☒
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
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? ft.
Material used in seal
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 33 ft. below top of well Date 9/21/87
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: 9 gal./min. with ft. drawdown after hrs.
" ESTIMATED AIRLIFT " "
" " " "

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.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes ☐ No ☐

(10) WELL LOG:

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
Granite, black, hard	92	96
Granite, white w/black, broken w/water	96	99
Granite, black, medium hard	99	142
NO PVC Liner Installed		
6" Drive shoe utilized		

OCT 13 1987

Work started 9/18, 19 87 Completed 9/21, 19 87

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 PONDEROSA DRILLING & DEVELOPMENT INC. (Person, firm, or corporation) (Type or print)

Address E. 6010 Broadway, Spokane, WA 99212

[Signed] (Well Driller)
Louie E. Hanner

License No. 1472 Date 9/21, 19 87.

10/13/87

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20

The Department of Ecology does NOT warranty the Data and/or the information on this well report.

W35

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. W37743

UNIQUE WELL I.D. #

Water Right Permit No.

(1) OWNER: Name LAUREN BROWN Address E. 16305 WASHINGTON RD., MILLWOOD, WA.

(2) LOCATION OF WELL: County SPOKANE S½ 1/4 NE 1/4 Sec 36 T. 24 N., R. 44E W.M.

(2a) STREET ADDRESS OF WELL (or nearest address) WASHINGTON RD.

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

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

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 325 feet. Depth of completed well 325 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6" Diam. from +1 ft. to 19 ft.
Welded [X] Liner installed [ ] Threaded [ ]
" Diam. from ft. to ft.
" Diam. from ft. to ft.

Perforations: Yes [ ] No [X]
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: Yes [ ] No [X]
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes [ ] No [X] Size of gravel
Gravel placed from ft. to ft.

Surface seal: Yes [X] No [ ] To what depth? 19 ft.
Material used in seal BENTONITE
Did any strata contain unusable water? Yes [ ] No [X]
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 40 ft. below top of well Date
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.
APPROX. 1½ GPM BY AIRTEST "
" " " "

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 gal./min. with stem set at ft. for 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
TOPSOIL	0	1
BRN. CLAY - FIRM	1	7
GRANITE - MED. TO HARD, FRACTS. 1½ GPM @ 75'	7	125
GRANITE - HARD, FRACTS.	125	325

RECEIVED NOV 14 1994 DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

Work Started 9/26 19 Completed 9/27 19 94

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 CARPENTER DRILLING CO. (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)
Address P.O. BOX 706 VERADALE, WA. 99037
(Signed) [signature] (WELL DRILLER) License No. 1278
Contractor's Registration No. CARPEDC971PC Date 9/28 19 94

(USE ADDITIONAL SHEETS IF NECESSARY)

ECL 050-1-20 (2/93)

The Department of Ecology does not warranty the Data and/or the information on this well report.

W38

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. 009265

Water Right Permit No. _____

(1) OWNER: Name Paul Sublette Address 1214 E Broad Spok. WA.

LOCATION OF WELL: County Spokane W ½ NE ¼ Sec. 36 T. 24 N., R. 44 W.M.

(2a) STREET ADDDRESS OF WELL (or nearest address) Washington Rd. Thandor 1472.

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

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

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 280 feet. Depth of completed well 280 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Diam. from +1 ft. to 25 ft.
Welded [x] Liner installed [x] Threaded [ ]
" Diam. from ft. to ft.
" Diam. from ft. to ft.

Perforations: Yes [ ] No [x]
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: Yes [ ] No [x]
Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ from _____ ft. to _____ ft.
Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes [ ] No [x] Size of gravel _____
Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes [x] No [ ] To what depth? 18 ft
Material used in seal Bentonite
Did any strata contain unusable water? Yes [ ] No [x]
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 50 ft. below top of well Date 9-23-88
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 [x] If yes, by whom? _____
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
" " " "
Air Test 5 to 8 gpm " "

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 _____ gal./min. with stem set at _____ ft. for _____ 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
Top Soil Brn Clay	0	8
Decomposed Granit	8	12
Granit Soft	12	83
Granit Mud.	83	160
Granit- Soft	160	181
Granit- Mud.	181	264
Granit- Soft	264	270
Granit- Mud.	270	280

Work started 9-21, 19 88 Completed 9-23, 19 88

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 J & J Drilling Inc. (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)
Address 5613 S Link Rd Fruitland
(Signed) [signature] (WELL DRILLER) License No. 1447
Contractor's Registration No. JJDRIL177KA Date 9-27, 1988

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20 (10/87) -1329-

The Department of Ecology does not warranty the data and/or the information on this well report.

W39

WATER WELL REPORT

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

Construction/Decommission ("x" in circle) 188647

(X) Construction

( ) Decommission *ORIGINAL CONSTRUCTION Notice of Intent Number*

CURRENT Notice of Intent No. W208212

Unique Ecology Well ID Tag No. ALR592

Water Right Permit No.

Property Owner Name Travis Goldsmith

Well Street Address Thunder Mt. Rd.

City _____ County: Spokane

Location ____ 1/4- 1/4 NE 1/4 Sec 36 Twn 24 R 44 (EWM) circle one or WWM

Lat/Long: (s,t,r still REQUIRED) Lat Deg _____ Lat Min/Sec _____ Long Deg _____ Long Min/Sec _____

Tax Parcel No. 44361.9044

PROPOSED USE: [X] Domestic [ ] Industrial [ ] Municipal [ ] DeWater [ ] Irrigation [ ] Test Well [ ] Other

TYPE OF WORK: Owner's number of well (if more than one)

[X] New Well [ ] Reconditioned *Method:* [ ] Dug [ ] Bored [ ] Driven [ ] Deepened [ ] Cable [X] Rotary [ ] Jetted

DIMENSIONS: Diameter of well 6 inches, drilled 640 ft.

Depth of completed well 640 ft.

CONSTRUCTION DETAILS

Casing Installed: [X] Welded 6" Diam. from +1 ft. to 39 ft.

[X] Liner installed 4" Diam. from 20 ft. to 640 ft.

[ ] Threaded ___" Diam. from ___ ft. to ___ ft.

Perforations: [ ] Yes [X] No

Type of perforator used

SIZE of perfs ___ in. by ___ in. and no of perfs ___ from ___ ft. to ___ ft.

Screens: [ ] Yes [X] 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 [X] No Size of gravel/sand

Materials placed from ft. to ft.

Surface Seal: [X] Yes [ ] No To what depth? 20+ ft

Materials used in seal Bentonite

Did any strata contain unusable water? [ ] Yes [X] No

Type of water? Depth of strata

Method of sealing strata off

PUMP: Manufacturer's Name

Type: H.P.

WATER LEVELS: Land-surface elevation above mean sea level ft.

Static level 360 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
Approx. 5 GPM by Airtest					

Date of test

Bailer test ___ gal./min. with ___ ft. drawdown after ___ hrs.

Airtest 5 gal./min. with stem set at 640 ft. for ___ hrs.

Artesian flow ___ 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
Topsoil	0	1
Brn. Clay	1	9
Very Decomp. Granite-S	9	28
Decomp. Granite-M,Fracts	28	190
1/2 GPM @ 50'		
Granite-H	190	590
Granite-H,Decomp.Fracts.	590	630
water		
Granite-H	630	640

RECEIVED JAN 25 2006 DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

Start Date 10/11/05 Completed Date 10/13/05

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.

[X] Driller [ ] Engineer [ ] Trainee Name (Print) Benson Carpenter Drilling Company Carpenter Drilling Co.Inc.

Driller/Engineer/Trainee Signature Address 8918 N. Forker Rd.

Driller or Trainee License No. 1278 City, State, Zip Spokane, Wa. 99217

Contractor's Registration No. CARPEDCO22JT Date 10/14/05

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

Ecology is an Equal Opportunity Employer ECY 050-1-20 (Rev 4/01)

W40

Start Card No. W 090909

UNIQUE WELL I.D. #

Water Right Permit No.

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

(1) OWNER: Name Karl Lamon Address E 17015 Washington Rd Valleyford WA 99036

(2) LOCATION OF WELL: County Spokane 1/4 SE 1/4 Sec 36 T.24N N., R.44E W.M

(2a) STREET ADDRESS OF WELL (or nearest address) 16909 E Washington Rd Valleyford WA 99036

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

(4) TYPE OF WORK: Owner's number of well (if more than one)

Abandoned [ ] New well [ ] Deepened [X] Reconditioned [ ] Method: Dug [ ] Cable [ ] Rotary [X] Bored [ ] Driven [ ] Jetted [ ]

(5) DIMENSIONS: Diameter of well 6 inches. Drilled 300 feet. Depth of completed well 500 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: Welded [ ] Liner installed [X] Threaded [ ]

4" Diam. from ft. to 500 ft.

Perforations: Yes [ ] No [X]

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: Yes [ ] No [X]

Manufacturer's Name

Type Model No.

Diam. Slot size from ft. to ft.

Diam. Slot size from ft. to ft.

Gravel packed: Yes [ ] No [X] Size of gravel

Gravel placed from ft. to ft.

Surface seal: Yes [ ] No [ ] To what depth? ft.

Material used in seal

Did any strata contain unusable water? Yes [ ] No [X]

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 80 ft. below top of well Date 9/15/97

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 [X] If yes, by whom?

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

"Air Test 26' GPM " "

" " " "

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 gal./min. with stem set at ft. for 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
Granite, Very Hard	200	468
Granite, Hard & Fractured - Water	468	472
Granite, Very Hard	472	500

Work Started 9/11/97, 19. Completed 9/15/97, 19 9

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 J & J Drilling, Inc. (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

Address S. 5613 Linke Greenacres WA 9901

(Signed) Marty Rugo J+J (WELL DRILLER) License No. 2038

Contractor's Registration No. JJDRII-177KU Date 9/23, 19 97

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (206) 407-6600. The TDD number is (206) 407-6006.

ECY 050-1-20 (9/93)

The Department of Ecology does NOT warranty the Data and/or the information on this well report.

W41

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. _____

UNIQUE WELL I.D. # ACF-982

Water Right Permit No. W21729

(1) OWNER: Name Karl Lamon Address 17015 E. Washington, Valley ford, Wa.

LOCATION OF WELL: County Spokane _____ 1/4 S/E 1/4 Sec 36 T. 24 N., R. 44 W.M.

(2a) STREET ADDRESS OF WELL (or nearest address) Same

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

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

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 200 feet. Depth of completed well 200 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6" Diam. from +1 ft. to 19 ft.
Welded [ ] _____" Diam. from _____ ft. to _____ ft.
Liner installed [ ] _____" Diam. from _____ ft. to _____ ft.
Threaded [ ]

Perforations: Yes [ ] No [X]
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: Yes [ ] No [X]
Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ from _____ ft. to _____ ft.
Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes [ ] No [X] Size of gravel _____
Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes [X] No [ ] To what depth? 19 ft.
Material used in seal Bentonite
Did any strata contain unusable water? Yes [ ] No [X]
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(7) PUMP: Manufacturer's Name Grundfos
Type: Submersiable H.P. 3/4

(8) WATER LEVELS: Land-surface elevation above mean sea level _____ ft.
Static level 58 ft. below top of well Date 7/17/95
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 [X] No [ ] If yes, by whom? _____
Yield: 2 gal./min with 110 ft. drawdown after 4 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 _____ gal./min. with stem set at _____ ft. for _____ hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water _____ Was a chemical analysis made? Yes [X] 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
Top Soil	0	2
Decomposed granite, tan	2	5
Granite, med., slightly frac. grey	5	50
Granite, grey, med; very frac.	50	55
Granite, white, med.	55	80
Granite, grey, med. frac.	80	90
Granite, salt + pepper, med. slightly frac.	90	140
VOID w/ water	140	145
Granite, tan, med., slightly frac.	145	180
Granite, grey, med.	180	200
6" Drive Shoe installed		
200' PVC liner installed		

Work Started 7/15 19 Completed 7/16 19 96

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 Vermilion Well Drilling, Inc. (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

Address W. 5309 Lynden Rd, Otis Orchards

(Signed) Keith D. Vermilion (WELL DRILLER) License No. 1079

Contractor's Registration No. VERMZWD126D3 Date 7/21 19 96

(USE ADDITIONAL SHEETS IF NECESSARY)

ECL 050-1-20 (2/93)

Choliform & Nitrate

The Department of Ecology does not warranty the data and/or the information on this well report.

W43

Start Card No. W067564

UNIQUE WELL I.D. # acc-456

Water Right Permit No.

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

OWNER: Name Brent & Janet Crosby Address 15611 E. Washington Rd.Spok.,Wa.

(2) LOCATION OF WELL: County Spokane - ne 1/4 ne 1/4 Sec 36 T. 24 N., R 44 W.M.

(2a) STREET ADDRESS OF WELL (or nearest address) same as above

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

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

(5) DIMENSIONS: Diameter of well 6" inches.
Drilled 140' feet. Depth of completed well 140' ft.

(6) CONSTRUCTION DETAILS:
Casing Installed: 6" Diam. from +1½' ft. to 27½' ft.
Welded [X] Diam. from ft. to ft.
Liner Installed [ ] Threaded [ ] Diam. from ft. to ft.

Perforations: Yes [ ] No [X]
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: Yes [ ] No [X]
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes [ ] No [X] Size of gravel
Gravel placed from ft. to ft.

Surface seal: Yes [X] No [ ] To what depth? 20' ft.
Material used in seal bentonite
Did any strata contain unusable water? Yes [ ] No [X]
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 20' ft. below top of well Date 10-10-95
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.
air test is approximate at time of drilling " "

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 6 gal./min. with stem set at 135' ft. for 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was 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	6
granite-decomposed	6	25
granite-tan-soft	25	40
granite-grey-med.	40	95
granite w/clay-red	95	100
granite-tan-soft	100	140
6" drive shoe installed		
1 hour development		
recovery-fair		
135' 4" pvc liner installed		

RECEIVED OCT 23 1995 DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

Work Started 10-10-95, 19. Completed 10-10-95, 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 Vermillion Well Drilling, Inc. (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

Address 6403 N. Perry Spokane,Wa.99207

(Signed) [signature] (WELL DRILLER) License No. 2140

Contractor's Registration No. vermiwd126d3 Date 10-19-95, 19

(USE ADDITIONAL SHEETS IF NECESSARY)

W44 (Original)

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

WATER WELL REPORT

STATE OF WASHINGTON

Notice of Intent _____

UNIQUE WELL I.D. # AE0100

Water Right Permit No. W121307

(1) OWNER: Name Lauren & Grace Brown Address E. 16305 Washington Valleyford, WA 99036

(2) LOCATION OF WELL: County Spokane _____ 1/4 NW 1/4 Sec 36 T24N N.R. 44E WM

(2a) STREET ADDRESS OF WELL: (or nearest address) Washington

TAX PARCEL NO.: unknown

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

(4) TYPE OF WORK: Owner's number of well (if more than one) 2
[X] New Well Method: [ ] Deepened [ ] Dug [ ] Bored [ ] Reconditioned [ ] Cable [ ] Driven [ ] Decommission [X] Rotary [ ] Jetted

(5) DIMENSIONS: Diameter of well 6 inches
Drilled 400 feet. Depth of completed well 400 ft.

(6) CONSTRUCTION DETAILS
Casing Installed:
[X] Welded 6" Diam. from +1 ft. to 39 ft.
[ ] Liner installed _____" Diam. from _____ ft. to _____ ft.
[ ] Threaded _____" Diam. from _____ ft. to _____ ft.

Perforations: [ ] Yes [X] No
Type of perforator used _____
SIZE of perforations _____ in. by _____ in.
_____ perforations from _____ ft. to _____ ft.

Screen: [ ] Yes [X] No _____
Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot Size _____ from _____ ft. to _____ ft.
Diam. _____ Slot Size _____ from _____ ft. to _____ ft.

Gravel/Filter packed: [ ] Yes [X] No [ ] Size of gravel/sand _____
Material placed from _____ ft. to _____ ft.

Surface seal: [X] Yes [ ] No To what depth? 18+ ft.
Material used in seal Bentonite
Did any strata contain unusable water? [ ] Yes [X] 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 19 ft. below top of well Date 8/13/99
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 [X] 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 2.0 gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water _____ Was a chemical analysis made? [ ] Yes [X] 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
Topsoil	0	1
Clay, Brown	1	13
Granite, Medium	13	17
Granite, Slightly Fractured	17	28
Granite, Medium w/ slight fractures	28	71
Granite, slightly fractured - Water 1/2 gpm	71	74
Granite, Medium w/ slight fractures	74	81
Granite, Medium to soft	81	97
Granite, Medium w/ slight fractures	97	240
Granite, Highly fractured w/ some granite sand - water	240	247
Granite, Medium w/ slight fractures	247	257
Granite, Fractured	257	261
Granite, Medium w/ fractures	261	301
Granite, Highly Fractured - Water 1& 1/4gpm	301	307
Granite, Medium w/ slight fractures	307	400

Work Started 8/12/99 Completed 8/13/99

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 Don Anderson License No. 1447
(Licensed Driller/Engineer)

Trainee Name - License No. -

Drilling Company J & J Drilling, Inc.

(Signed) [signature] License No. 0215
(Licensed Driller/Engineer)

Address S. 5613 Linke Greenacres, WA9901

Contractor's Registration No. JJDRII-177KU Date 8/20/99

(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-

RECEIVED SEP 27 1999 DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

ECY 050-1-20 (11/99)

W44 (Reconditioned)

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

130789

WATER WELL REPORT

STATE OF WASHINGTON

Notice of Intent W148285
UNIQUE WELL I D # AEQ 100
Water Right Permit No

(1) OWNER Name LAUREN BROWN Address E 16305 WASH. Rd, VALLEYFord, WA 99036

(2) LOCATION OF WELL County SPOKANE NE ¼ SE 1/4 NW 1/4 Sec 36 T 24 N R 44 E WM

(2a) STREET ADDRESS OF WELL (or nearest address) E 16305 WASH Rd, VALLEYFord, WA 99036

TAX PARCEL NO 44362.9027

(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 ☐ Deepened ☑ Reconditioned ☐ Decommission
Method: ☐ Dug ☑ Cable ☐ Rotary ☐ Bored ☐ Driven ☐ Jetted

(5) DIMENSIONS Diameter of well 6 inches
Drilled feet Depth of completed well 320 ft

(6) CONSTRUCTION DETAILS
Casing Installed
☑ Welded 5 Diam from 278 ft to 320 ft
☑ Liner installed PVC 4 Diam from 20 ft to 320 ft
☐ Threaded Diam from ft to ft

Perforations ☑ Yes ☐ No
Type of perforator used TORCH
SIZE of perforations 1/8 in by 6 in
5" - 1/4 WALL STEEL perforations from 279 ft to 319 ft
4" PVC 20'-320' PERFORATION 280' 315'

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? ft
Material used in seal
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 19 ft below top of well Date 2-23-03
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 3.5 gal/min with ft drawdown after hrs
Airtest 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
CLEANED MUD + SAND	135'	320'
INSTALLED 42' 5" - ¼ WALL		
STEEL CASING	278'	320'
4" 300' PVC	20'	320'

RECEIVED MAY - 1 2003 DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

Work Started 9-1 99 Completed 9-21 99

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 Boyd L. Wood License No 1283
(Licensed Driller/Engineer)

Trainee Name License No
Drilling Company Boyd L Wood WELL DRILLING
(Signed) Boyd L. Wood License No 1283
(Licensed Driller/Engineer)
Address 15910 S. CAMPBELL Rd, Rockford 99030
Contractor's Registration No BOYDLWW024NS Date 2-23-03

(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

ECY 050 1 20 (11/98)

W46 433761

WATER WELL REPORT

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

DEPARTMENT OF ECOLOGY State of Washington

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

☒ Construction

☐ Decommission *ORIGINAL INSTALLATION*

Notice of Intent Number _____

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 0 ft. Depth of completed well 200ft.

CONSTRUCTION DETAILS

Casing Installed: ☐ Welded _____" Diam. from _____ ft. to _____ ft.

☒ Liner installed 4" Diam. from +2 ft. to 190 ft.

☐ Threaded _____" Diam. From _____ ft. to _____ ft.

Perforations: ☐ Yes ☒ No

Type of perforator used _____

SIZE of perfs _____ in. by _____ in. and no. of perfs _____ from _____ ft. to _____ ft.

Screens: ☒ Yes ☐ No ☐ K-Pac Location _____

Manufacturer's Name Johnsons

Type Prepack Model No. _____

Diam. 5" Slot size 10 from 190 ft. to 200 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? _____ ft.

Material used in seal _____

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? _____ Depth of strata _____

Method of sealing strata off _____

PUMP: Manufacturer's Name _____

Type: _____ H.P. _____

WATER LEVELS: Land-surface elevation above mean sea level _____ ft.

Static level N/A 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 N/A gal./min. with stem set at _____ ft. for _____ hrs.

Artesian flow _____ g.p.m. Date _____

Temperature of water _____ Was a chemical analysis made? ☐ Yes ☒ No

CURRENT

Notice of Intent No. WE13821

Unique Ecology Well ID Tag No. BCL-659

Water Right Permit No. _____

Property Owner Name KEVIN DAVEY

Well Street Address 16724 E. Elder Rd.

City Rockford County Spokane

Location NE1/4-1/4 NE1/4 Sec 01 Twn 23N R 44 EWM ☒ Or WWM ☐

(s, t, r Still REQUIRED)

Lat/Long Lat Deg _____ Lat Min/Sec _____

Long Deg _____ Long Min/Sec _____

Tax Parcel No. (Required) 43121.9010

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. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL	FROM	TO
Clean out silt with water	120	200

RECEIVED DEC 21 2011 DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

Start Date 11/14/11 Completed Date 11/15/11

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) Louie Hanner

Driller/Engineer/Trainee Signature _____

Driller or trainee License No. 1472

IF TRAINEE: Driller's License No:

Driller's Signature:

Drilling Company H2O Well Service Inc.

Address 582 W. Hayden Ave.

City, State, Zip Hayden , ID. 83835

Contractor's Registration No. H2OWESI101DW Date 11/16/11

ECY 050-1-20 (Rev 02/10) *If you need this document in an alternate format, please call the Water Resources Program at 360-407-6872.*

W04

WATER WELL REPORT

181903

Construction/Decommission ("x" in circle)
- [x] Construction
- [ ] Decommission *ORIGINAL CONSTRUCTION Notice of Intent Number* W 215557

CURRENT
Notice of Intent No. W215557
Unique Ecology Well ID Tag No. AKW 032
Water Right Permit No.

Property Owner Name LLOYD L. LASZ
Well Street Address E 13910 STOUGHTON RD
City VALLEY FORD County: SPOKANE
Location ____ 1/4- 1/4 NW 1/4 Sec 2 Twn 23 R 44 EWM or WWM (circle one)
Lat/Long: (s,t,r still REQUIRED) Lat Deg ____ Lat Min/Sec ____ Long Deg ____ Long Min/Sec ____
Tax Parcel No. 43022.9015

PROPOSED USE: [x] Domestic [ ] Industrial [ ] Municipal [ ] DeWater [ ] Irrigation [ ] Test Well [ ] Other

TYPE OF WORK: Owner's number of well (if more than one) 2
[x] New Well [ ] Reconditioned *Method:* [ ] Dug [ ] Bored [ ] Driven [ ] Deepened [ ] Cable [x] Rotary [ ] Jetted

DIMENSIONS: Diameter of well 6 inches, drilled 170 ft.
Depth of completed well 170 ft.

CONSTRUCTION DETAILS:
Casing [x] Welded 6" Diam. from +3 ft. to 39 ft.
Installed: [x] Liner installed 4" Diam. from -6 ft. to 170 ft.
[ ] Threaded ____" Diam. from ____ ft. to ____ ft.

Perforations: [x] Yes [ ] No
Type of perforator used SKIL SAW
SIZE of perfs 6 in. by 1/8 in. and no. of perfs 65 from 130 ft. to 170 ft.

Screens: [ ] Yes [x] 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: [x] Yes [ ] No [ ] To what depth? 0-21 ft.
Materials used in seal BENTONITE
Did any strata contain unusable water? [ ] Yes [x] No
Type of water? Depth of strata
Method of sealing strata off

PUMP: Manufacturer's Name
Type: H.P.

WATER LEVELS: Land-surface elevation above mean sea level ____ ft.
Static level 100 ft. below top of well Date 10-26-05
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 10 gal./min. with stem set at 166 ft. for 1 hrs.
Artesian flow ____ g.p.m. Date
Temperature of water ____ Was a chemical analysis made? [ ] Yes [x] 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
BROWN CLAY	0	35
MED FRAC BASALT	35	51
BROKEN BASALT (W/ CLAY	51	60
MED / FRAC / BASALT	60	141
BROKEN BASALT /W/ CLAY BROWN	141	170

RECEIVED OCT 31 2005 DEPARTMENT OF ECOLOGY EASTERN REGIONAL OFFICE

Start Date 10-24-05 Completed Date 10-26-05

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 the best knowledge and belief.

[ ] Driller [ ] Engineer [ ] Trainee Name (Print) JEFF SHARP
Driller/Engineer/Trainee Signature Jeff Sharp
Driller or Trainee License No. 2586

Drilling Company GREEN MT CONST & DRILL INC
Address N 18918 GREEN MT LN
City, State, Zip NEWMAN LK WA 99025
Contractor's Registration No. GREENMC002PJ Date

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

Ecology is an Equal Opportunity Employer. ECY 050-1-20 (Rev 4/01)

W01

438253

WATER WELL REPORT

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

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

☒ Construction

☐ Decommission *ORIGINAL INSTALLATION*

Notice of Intent Number _____

PROPOSED USE: ☒ Domestic ☐ Industrial ☐ Municipal ☐ DeWater ☐ Irrigation ☐ Test Well ☐ Other _____

TYPE OF WORK: Owner's number of well (if more than one) 2

☒ New well ☐ Reconditioned *Method:* ☐ Dug ☐ Bored ☐ Driven ☐ Deepened ☐ Cable ☒ Rotary ☐ Jetted

DIMENSIONS: Diameter of well 6 inches, drilled 80 ft. Depth of completed well 80 ft.

CONSTRUCTION DETAILS

Casing Installed: ☒ Welded 6" Diam. from +1 ft. to 19 ft.

☒ Liner installed 4" Diam. from 10 ft. to 80 ft.

☐ Threaded _" Diam. From _ ft. to _ ft.

Perforations: ☒ Yes ☐ No

Type of perforator used bit

SIZE of perfs 3/8 in. by ____ in. and no. of perfs ____ from 50 ft. to 80 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? 18+ ft.

Material used in seal Baroid 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: _____ H.P. _____

WATER LEVELS: Land-surface elevation above mean sea level ____ ft.

Static level 13 ft. below top of well Date 9/9/2011

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 100+ gal./min. with stem set at ____ ft. for ____ hrs.

Artesian flow ____ g.p.m. Date _____

Temperature of water ____ Was a chemical analysis made? ☐ Yes ☒ No

CURRENT

Notice of Intent No. WE13519

Unique Ecology Well ID Tag No. BCE816

Water Right Permit No. _____

Property Owner Name Mahn LLC

Well Street Address Highway 27

City Mica County Spokane

Location SW1/4-1/4 NW1/4 Sec 35 Twn 24N R 44E EWM ☐ Or WWM ☐

(s, t, r Still REQUIRED)

Lat/Long Lat Deg ____ Lat Min/Sec ____

Long Deg ____ Long Min/Sec ____

Tax Parcel No. (Required) 44352.9003

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. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL	FROM	TO
Topsoil	0	2
Clay, Brown & Medium	2	9
Basalt, Fractured w/	9	12
Clay, Brown		
Basalt, Medium to Soft	12	25
Basalt, Medium	25	30
Basalt, Broken	30	33
Basalt, Medium	33	47
Basalt, Fractured w/	47	50
Shale, Brown		
Basalt, Highly Fractured	50	65
Water 100+gpm		
Basalt, Soft	65	79
Shale, Grey & Medium	79	80

RECEIVED
OCT 27 2011
DEPARTMENT OF ECOLOGY
EASTERN REGIONAL OFFICE

Start Date 9/8/2011 Completed Date 9/9/2011

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) Brian Mosset

Driller/Engineer/Trainee Signature

Driller or trainee License No. 2139

IF TRAINEE: Driller's License No:

Driller's Signature:

Drilling Company J & J Drilling, Inc.

Address 17313 East Linke Road

City, State, Zip Greenacres, WA, 99016

Contractor's Registration No. JJDRII-177KU Date 9/16/2011

180682

W29

WATER WELL REPORT

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

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

[x] Construction

[ ] Decommission *ORIGINAL INSTALLATION Notice of Intent Number* _____

CURRENT Notice of Intent No. WE03941

Unique Ecology Well ID Tag No. ALR979

Water Right Permit No. _____

Property Owner Name Mark Weber

Well Street Address Washington Road

City _____ County Spokane

Location SW 1/4-1/4 NE 1/4 Sec 36 Twn 24 R 44 EWM [x] or WWM [ ] circle one

Lat/Long (s, t, r Still REQUIRED) Lat Deg _____ Lat Min/Sec _____ Long Deg _____ Long Min/Sec _____

Tax Parcel No. _____

PROPOSED USE: [x] Domestic [ ] Industrial [ ] Municipal [ ] DeWater [ ] Irrigation [ ] Test Well [ ] Other _____

TYPE OF WORK: Owner's number of well (if more than one) _____

[x] New well [ ] Reconditioned [ ] Deepened

Method: [ ] Dug [ ] Bored [ ] Driven [ ] Cable [x] Rotary [ ] Jetted

DIMENSIONS: Diameter of well 6 inches, drilled 340 ft.

Depth of completed well 340 ft.

CONSTRUCTION DETAILS

Casing Installed: [x] Welded 6" Diam. from +1 ft. to 19 ft.

[x] Liner installed 4" Diam. from 7 ft. to 340 ft.

[ ] Threaded _____" Diam. from _____ ft. to _____ ft.

Perforations: [x] Yes [ ] No

Type of perforator used 3/8" Spade Bit - See perf note below right

SIZE of perfs _____ in. by _____ in. and no. of perfs _____ from _____ ft. to _____ ft.

Screens: [ ] Yes [x] 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 [x] No [ ] Size of gravel/sand _____

Materials placed from _____ ft. to _____ ft.

Surface Seal: [x] Yes [ ] No To what depth? 18+ ft.

Material used in seal Baroid Bentonite

Did any strata contain unusable water? [ ] Yes [x] No

Type of water? _____ Depth of strata _____

Method of sealing strata off _____

PUMP: Manufacturer's Name _____

Type: _____ H.P. _____

WATER LEVELS: Land-surface elevation above mean sea level _____ ft.

Static level 62 ft. below top of well Date 7/20/05

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 [x] 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+ gal./min. with stem set at _____ ft. for _____ hrs.

Artesian flow _____ g.p.m. Date _____

Temperature of water _____ Was a chemical analysis made? [ ] Yes [x] 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. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL	FROM	TO
Clay, Brown and Hard	0	3
Granite, Decomposed	3	9
Granite, Medium w/ Fractures	9	134
Granite, Fractured - Water 2gpm	134	137
Granite, Medium w/ Fractures	137	244
Granite, Slightly Fractured	244	271
Granite, Highly Fractured - Water 3+gpm	271	307
Granite, Soft to Medium	307	340
Set pump at 320 feet.		
PVC perforated from 80 to 100ft, 140 to 160ft,		
220 to 240ft, 300 to 340ft		

RECEIVED OCT - 5 2005 DEPARTMENT OF ECOLOGY EASTERN REGION

Start Date 7/18/05 Completed Date 7/20/05

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) Don Anderson

Driller/Engineer/Trainee Signature Don Anderson

Driller or trainee License No. 1447

If TRAINEE, Driller's Licensed No. _____

Driller's Signature _____

Drilling Company J & J Drilling, Inc.

Address S. 5613 Linke Rd.

City, State, Zip Greenacres, WA 99016

Contractor's Registration No. JJDRII-177KU Date 7/22/05

Ecology is an Equal Opportunity Employer.

ECY 050-1-20 (Rev 3/05) **The Department of Ecology does NOT warranty the Data and/or Information on this Well Report.**

W37

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. W37742
UNIQUE WELL I.D. #
Water Right Permit No.

(1) OWNER: Name PAUL LAZANIS Address P.O. BOX 163 MICA, WA.

LOCATION OF WELL: County SPOKANE 1/4 NE 1/4 Sec 36 T. 24 N., R. 44E W.M.

(2a) STREET ADDRESS OF WELL (or nearest address) WASHINGTON Rd.

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

(4) TYPE OF WORK: Owner's number of well (if more than one)
Abandoned [ ] New well [X] Deepened [ ] Reconditioned [ ]
Method: Dug [ ] Cable [ ] Rotary [X] Bored [ ] Driven [ ] 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 +1 ft. to 39 ft.
Welded [X] 4" Diam. from 5 ft. to 300 ft.
Liner Installed [ ] Threaded [ ] " Diam. from ft. to ft.

Perforations: Yes [ ] No [X]
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: Yes [ ] No [X]
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes [ ] No [X] Size of gravel
Gravel placed from ft. to ft.

Surface seal: Yes [X] No [ ] To what depth? 39 ft.
Material used in seal BENTONITE
Did any strata contain unusable water? Yes [ ] No [X]
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 35 ft. below top of well Date
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.
APPROX. 3 GPM BY AIRTEST "
" " " "

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 gal./min. with stem set at ft. for 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
TOPSOIL	0	1
BRN. CLAY - FIRM	1	9
DECOMP. GRANITE - SOFT	9	25
DECOMP. GRANITE - MED.	25	34
GRANITE - MED. TO HARD.	34	300
FRACTS. 16GPM @ 150		
3 GPM @ 200		

RECEIVED [illegible] 1 & 1994 DEPARTMENT EASTERN

Work Started 9/22 19. Completed 9/23 1994

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 CARPENTER DRILLING CO. (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)
Address E. 14905 LONG FALCON SPOKANE, WA.
(Signed) [signature] (WELL DRILLER) License No. 1278
Contractor's Registration No. CARPEDC878P Date 9/27 1994

(USE ADDITIONAL SHEETS IF NECESSARY)

The Department of Ecology does not warranty the data and/or the information on this well report.