### **WELL LOG SUMMARY TWN 18N RGE 19E**

Depth (ft)	Flow (gpm)	Static Level (ft)	1/4 1/4 Section
420	12	50	SW/NW Sec. 20
160	20	45	SE/NW Sec. 20
180	22	48	SE/NW Sec. 20
320	9	80	SE/NW Sec. 20
260	14	100	SW/NE Sec. 20
160	15	53	NE/NW Sec. 20
400	30	70	NE/NW Sec. 20
420	8	70	NW/NW Sec. 20
180	25	60	NW/NW Sec. 20
178	28	47	SE/NE Sec. 19
460	60	137	NE/SE Sec. 19
AVERAGE DEPTH =	AVERAGE FLOW=	AVERAGE S.L. =	

285 22 69



April 9, 2007

Kittitas County Health Department 411 N. Ruby Street Suite 3 Ellensburg, WA 98926

ATTN: Catherine Bambrick, M.S.

RE: Akehurst Short Plat

Dear Ms. Bambrick:

This letter is written as a water availability report to present information that would indicate that potable water is likely to be attained by drilling individual wells on the proposed short plat lots or that a shared well could meet the water demands of the short plat.

The proposed short plat lies adjacent to Brick Mill Road along the southern boundary and approximately one half of a mile east of Wilson Creek in the northwest quarter of Section 20, Township 18 North, Range 19 East, W.M. The site generally slopes from north to south across the parcel.

Data on existing well logs was gathered within approximately one half of a mile from the proposed short plat. Well logs were obtained for nine wells in Section 20 and two wells in Section 19. The well logs indicate a high probability of encountering potable water.

The wells vary in depth from 160 feet to 460 feet with the average depth for the eleven wells at 285 feet. The well production quantities vary from 8 gallons per minute to 60 gallons per minute with the average for the eleven wells at 22 gallons per minute. The static water level in the wells varies from 45 to 137 feet with the average level at 69 feet.

Based on the well log information, I recommend the Akehurst Short Plat be approved because of the probability that individual wells could be drilled on the lots or a shared well could be drilled to serve two lots. This recommendation is based on the existence and productivity of the wells previously mentioned. This recommendation should not be construed to be a guarantee that wells can be drilled at any particular location or depth and there is no guarantee on the production of the well(s).

April 9, 2007 Page 2

Thank you for your consideration. Please call me if you have any questions.

Very truly yours,

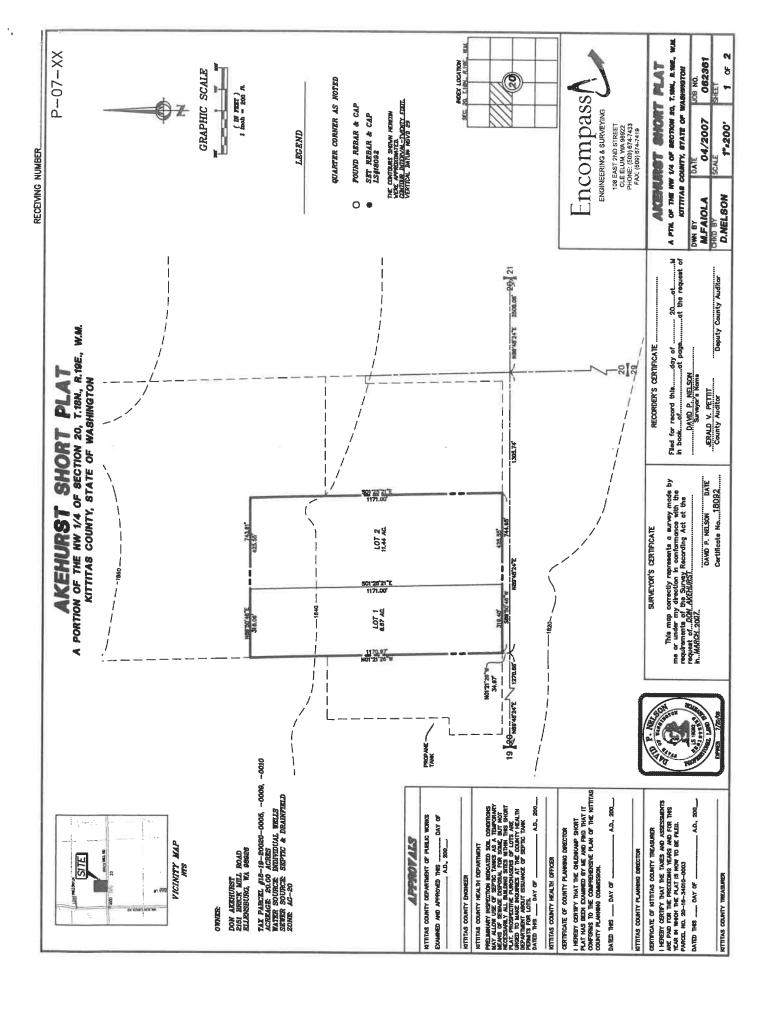
ENCOMPASS ENGINEERING AND SURVEYING

Chad Allen, P.E.

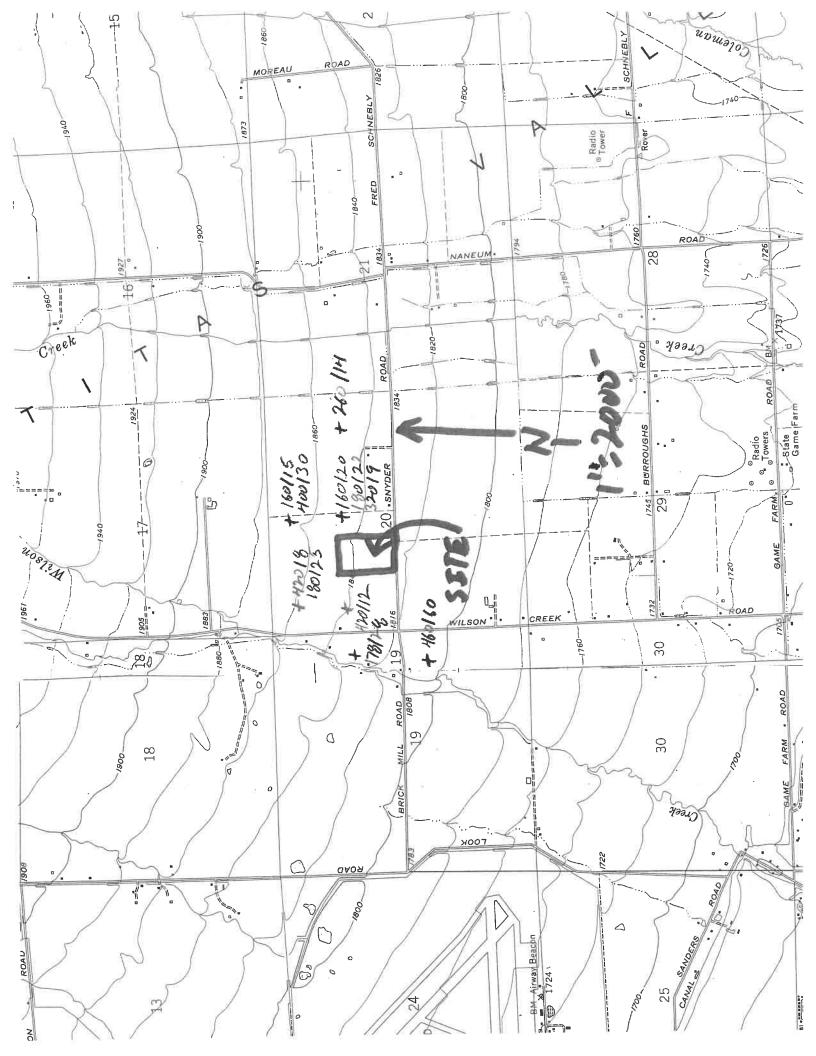
anc

Enclosures

Cc: Don Akehurst



## VICINITY MAP NTS



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

ECY 080-1-20 (10/87) -1529-

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

### WATER WELL REPORT

8925 Start Card No. <u>63915</u>

STATE OF WASHINGTON

UNIQUE WELL I.D.

and cooks a primary of each s	77.00 17.00	
OWNER: Name R. SNYDER	Address SWY DER RD	n
LOCATION OF WELL: COUNTY KITTITAS	<u>500 4 Mad 4 800 20 ↑ 18 N</u>	. R 19 W.M.
S) STREET ADDDRESS OF WELL (or nearest address)		
PROPOSED USE: Domestic Industrial Municipal DeWater Test Well Other	(10) WELL LOG or ABANDONMENT PROCEDURE D. Formation: Describe by color, character, size of material and attra	nture, and show
TYPE OF WARK, Owner's number of well	thickness of aquilers and the kind and nature of the material in each or with at least one entry for each change of information.	atem peneration,
The state of the s	MATERIAL PRO	
Apandoned D Revend D Cable D Oriven D		
Reconditioned Rotary Satted	SOIL, COBBLES	35
DIMENSIONS: Dismeter of well 6inches.	GRAVEL LT. SAND 35	_
Digital of wall	AASALT, BLACK	
Drilledfeet. Depth of completed wellft.	39N/76MLE 32:	
CONSTRUCTION DETAILS:	BHSALT, OCC FRALTIES 34	5 420
700	287011-7,	
Cauting interaction.		
Liner installed		
Threaded Dlam. from n. to n.		
Perforations: Yes No L		
Type of perforator used SKIL SAW		
SIZE of perforations 1/8 in. by 7 /4 in.		
perforations from 380 ft. to 420 ft.		
perforations from ft. to ft.		
perforations from 11. to 11.		
Parioteria nam		
1177-111		
Menufacturer's Name		
Type Model No		
DiamN. toN.		
Diam. Slot size from ft. to ft.		
Gravel packed: Yes No Size of gravel		
		-
To what depth? 20 ft.		
Material used in seal	D R O E I W G C	
Did any strate contain unusable water? Yes No No	10 5 10 11 11 11 15	
Type of water?Depth of strate	- 1171 111	
Method of sealing strate Off	- IN O	ווט
	1N= 300 1	7
7) PUMP: Manufacturer's Hame		
Type:H.P	1 (36)	1
(B) WATER LEVELS: Land-auriacs elevation above mean see level 1.	1 7 10/6/2	
Static level 50 ft. below top of well Date 4/20		
Artenian pressure ibe, per equare inch Date		
Artesian water is controlled by(Cap, valve, etc.))	10 Completed #1/94	
	Work started	197
(9) WELL TESTS: Drawdown is amount water level is lowered below static level	A THE PARTY OF THE	
Was a pump test made? Yes No If yes, by whom?	WELL CONSTRUCTOR CERTIFICATION:	نمسر ملطة المرسمان
Yield: gar/man, wan	constructed and/or accept responsibility to constru	ICTO DO IL IL IL INDUITATION
0 0	Materials used and the information reported above are	true to my bea
Recovery data (time taken as zero when pump turned off) (water level measured	knowledge and belief.	
from well top to water level) Time Water Level Time Water Level Time Weter Level	NAME BACH DRILLING COL	(TYPE OR PRINT)
	Address RT 6 Box 10/0	
		_
/ Date of test	(Signed) License No.	1776
Beller test cal./min. with ft. drawdown after hr	(Signed)	
Airtest /2 gal./min. with atom set at _390 ft. for _2 hr	Contractor's Registration No. MIKE 3061334 Date 4/20	
Artesian flow g.p.m. Date	- 1	
Wine a chamical marketin marke? Yes No	(LIGE ADDITIONAL SHEETS IF NECESSA	JRY) 🚄 🕮

File Original and First Copy with Department of Ecology Second Copy-Owner's Copy Third Copy - Driller's Copy ") OWNER: Name DON (2) LOCATION OF WELL: County K, HITAS (2s) STREET ADDDRESS OF WELL (or nearest address). (3) PROPOSED USE:

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

### TOACT VATER WELL

STATE OF WASHINGTO

IMY 9  EMENT Gravel A  IACK BASAIT  AN SANDSTONE 1	DESC	RIPTION
WELL LOG or ABANDONNENT PROCEDURE  ation: Describe by color, character, size of material and entered and entered and entered in each pit least one entry for each change of information.  MATERIAL  FINAL  AN  SAULTONE  AN  SAULTONE  AN  SAULTONE	DESC irrecture. gtratum	RIPTION and show penetrated. TO 95 /05 //95
WELL LOG OF ABANDONMENT PROCEDURE  ation: Describe by color, character, size of material and entered of aquitors and the kind and nature of the material in each pit least one entry for each change of information.  MATERIAL  FINAL  AV  EMENT GRAVE  ACK BASA IT  AN SANDSTONE	DESC irrecture. gtratum	RIPTION and show penetrated. TO 95 /05 //95
ation: Describe by color, character, size of material and entered acquitors and the kind and nature of the meterial in each pi least one entry for each change of information.  MATERIAL FI  MAY  FMENT GRAVE  MACK BASA IT  AN SAND STONE	recture gratum  ROM  S  35	and show penetrated.  TO 95 / 05 / 135 / 145
ation: Describe by color, character, size of material and entered acquitors and the kind and nature of the meterial in each pi least one entry for each change of information.  MATERIAL FI  MAY  FMENT GRAVE  MACK BASA IT  AN SAND STONE	recture gratum  ROM  S  35	and show penetrated.  TO 95 / 05 / 135 / 145
MATERIAL PROBLES - CEMENT GRAVE!  [MY 9  EMENT GRAVE!  MCK DASAIT  AN SANDSTONE !	35	95 105 135
MENT GRAVE!  MACK DASA IT  AN SANDSTONE  MAIS 18 1990	35	135
AN SAUDSTONE	25 35 45	135
AN SANDSTONE /	35	145
DECENTE DE LA SERVICE DE LA SE	ys	
DECE VE		160
DECEIWE -		
MR 1 8 1990		
MR 1 8 1990		
DIT IN COL	1	
DEPARTMENT OF ECOLOGY CENTRAL REGION OFFICE	$\pm$	-
DEPARTMENT OF ECOLOGY CENTRAL REGION OFFICE		
OEIT-		
1		
Par e		-
		+
- Taneu		
		-
		-
	-	1
on started 3-25 , 19. Completed 3-2	26	10 97

(3)	PROPOSED USE: Domestic Industrial  Municipal	(10) WEL
(3)	Irrigation   Test Well   Other	Formation:
(4)	TYPE OF WORK: Owner's number of well (if more than one)	with at least o
	— — — — — — — — — — — — — — — — — — —	. 771
	Abendoned   New well   Method: Dug   Cable   Deepened   Reconditioned   Rotary   Jetted	Cobble
	7	e/ny
(5)	Dimeter of wall	
_	Drilled 7.9 1961. Deptit of Completes was	CEME
(6)	CONSTRUCTION DETAILS:	57
	Casting wisterior; Diam. Iron	Black
	Veided Diam. from M. te	TAN
	Inreaded C Communication	7 1470
	Perforations: Yes No Yes	
	Type of perforator isledin. byin.	
	SIZE of perforations with the state of the s	
	perforations from ft. to ft.	
-	Screens: Yes No 1	
	Manufacturer's Name	
	Type Medei No	
	Diam Slot size from ft. to ft.	
	Diam. Slot eize from ft. lo ft.	
	Gravel packed: Yes No Size of gravel	
	Gravel placed from	
_	Surface seel: Yee Mo To what depth? 20	
	Material used in seal BENTONICE	1
	Did any strata contain unusable water? Yes No	
	Type of water? Depth of strain.	
	Method of sealing strate off	
(7)	PUMP: Manufacturer's Name	
	Type:H.P	
(8)	WATER LEVELS: Land-surface elevation above mace see level R.	
(-)	Static level 45 It. below top of well Date	
	Artesian pressure bs. per aquare inch Date	
	Artesian water is controlled by (Cap. valva, etc.))	- Maria - 44
(9)	WELL TESTS: Drawdque is amount water level is lowered below static level	Work star
4-6	Was a pump test mede? Yes No Hyes, by whom?	WELL
	Yield: gal./min. with t. drawdown error	i con
_	0 H H H	and Mate
-	Recovery data (time taken as zero when pump turned off) (weter level measured	know
	from well top to water level) Time Water Level Time Water Level Time Water Level	NAME 4
		-
_		Address
	Parts of lead	
,	Date of test	(Signed)
	Bellor test 22 gal./min. with	Contract
	Airtestgal./min. with etem set et ft. fer ftrs.	Registre No. 4
	Artesian flow g.p.m. Date	
	Temperature of water Was a chemical energie mode? Yes No	I.
ECY 0	80-1-20 (10/87) -1320- 3	

AKEhurst

Address (Signed) Thille

Contractor's

Registration PAC 133NY Date 3-26

(USE ADDITIONAL SHEETS IF NECESSARY)

WATER WELL REPORT	CURRENT Notice of Intent No. W205259	
Original & 1st copy - Ecology, 2nd copy - owner, 3rd copy - driller	Unique Ecology Well ID Tag No. ALE	157
Construction/Decommission ("x" in circle)		
Construction O Decommission ORIGINAL CONSTRUCTION Notice	Water Right Permit No.	
of Intent. Number	Property Owner Name Crea Helys	4
PROPOSED USE: Domestic Industrial Municipal	Well Street Address 2331 BALKA	
DeWater Irrigation Test Well Other		
TYPE OF WORK: Owner's number of well (if more than one)	City Flenshing County: Kit	t 1705
New Well Reconditioned Method: Dug Bored Driven	Location SE 1/4- 1/4 WW 1/4 Sec Twn 19	R 19 EWM cit
☐ Deepened ☐ Cable	I	wwm
DIMENSIONS: Diameter of well b inches, drilled 180 ft.	(s.t.r still	
Depth of completed well 160 ft.	REQUIRED) Long Deg Long P	Min/Sec
CONSTRUCTION DETAILS	REQUIRED) Long Deg Long N Tax Parcel No. 15-19-20020-0	009
Casing Welded & Diam from +4 ft to 157 ft.	CONSTRUCTION OR DECOMMISSION PRO	OCEDURE
Installed: Liner installed " Diam. fromft. toft.	Formation: Describe by color, character, size of material a	and structure, and the
Threaded Diam. fromft. toft.	kind and nature of the material in each stratum penetrated, entry for each change of information. Indicate all water en	
Perforations: Yes No	(USE ADDITIONAL SHEETS IF NECESSARY.)	icomicied.
Type of perforator used	MATERIAL FRO	OM TO
SIZE of perfsin. byin. and no. of perfsfromft. toft.		5
Screens: Yes No K-Pac Location	correct rabbles 5	20
Manufacturer's Name		185
TypeModel No	gravel 95	
DíamSlot Sizefromft. toft.	C C C C C C C C C C C C C C C C C C C	110
DiamSlot Sizefromft. toft.	gravel 110	
Gravel/Filter packed: Yes No Size of gravel/sand	Elay 12	
Materials placed fromft. toft.	grand, 13	The second secon
Surface Seal: Yes No To what depth? ft	dual Sandstone 150	180
Materials used in seal Denvoute lement	9	
Did any strata contain unusable water? Yes No		220
Type of water?Depth of strata	St.	
Method of sealing strata off		
PUMP: Manufacturer's Name		
Type:H.P		
WATER LEVELS: Land-surface elevation above mean sea level ft.  Static level 18 ft. below top of well Date 10/12/0-6		
Artesian pressurelbs. per square inch Date	Neces Neces	
Artesian water is controlled by	007 1 8 2006	1
(cap,valve, etc.)	6	24
WELL TESTS: Drawdown is amount water level is lowered below static level.	GAITAN ON G	7
Was a pump test made? Tyes No if yes, by whom?	THE REMOTE OF	$\leftarrow$
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 20-25 gal./min. with stem set at 140 ft. for 22 hrs.		
Artesian flowg.p.m. Date	Start Date 10/11/06 Completed Date 10	112/06
2.0000		
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibilities with the information responsibilities and the information responsibilities.	eported above are true to my best knowledge and beli	ance with all ief.
Driller DEngineer Traince Name (Print)	_ Drilling Company	~
Driller/Engineer/Trainee Signature	- Address 340 Wilson Cook	
Driller or Trainee License No. 2536	City, State, Zip Ellenshung WA	9892-6
If trainee, licensed driller's	Contractor's MIKE BOL BELL	1/12/04
Signature and License no.	Registration No. Date 42	060 1 20 /5 /5

WATER WELL REPORT	CURRENT Notice of Intent No. W2275	59	
Original & 1st copy - Ecology, 2nd copy - owner, 3rd copy - driller	Unique Ecology Well ID Tag No.	# 43°	1
Construction/Decommission ("x" in circle) 183 551		1	
© Construction O Decommission ORIGINAL CONSTRUCTION Notice	Water Right Permit No.	•	
of Intent Number	Property Owner Name Philand Co	uro Be	elous
PROPOSED USE: Domestic Industrial Municipal	Well Street Address & Love (6)		
□ DeWater □ Irrigation □ Test Well □ Other		Cittito	
TYPE OF WORK: Owner's number of well (if more than one)	Location S = 1/4 1/4 W 1/4 Sec 20 T	KUR	19 (EWI)
New Well Reconditioned Method: Dug Bored Driven Deepened Cable Rotary Jetted	l		or WWM
DIMENSIONS: Diameter of well inches, drilled 300 ft.	Lat/Long: Lat Deg	Lat Min/Sec	- 6
Depth of completed well 32.0 ft.		Long Min/Se	c
CONSTRUCTION DETAILS	Tax Parcel No. 18-19-20	22,0	2004
Casing Welded 6 Diam. from +3 ft. to 238 ft.	CONSTRUCTION OR DECOMMISSIC Formation: Describe by color, character, size of management		
Installed: Liner installed Diam. fromft. toft  Threaded Diam. fromft. toft	kind and nature of the material in each stratum per	etrated, with a	t least one
Perforations: Yes No	Lentry for each change of information. Indicate all v (USE ADDITIONAL SHEETS IF NECESSARY.)		red.
Type of perforator used	MATERIAL `	FROM	то
SIZE of perfsin. byin. and no. of perfs fromft. toft	dort, robbles	0	5
Screens: Yes No K-Pac Location	gravel	5	147
Manufacturer's NameModel No	clay	147	150
Diam. Slot Size from ft. to ft.	granel	150	155
Diam. Slot Size from ft. to ft.	Clay	155	150
Gravel/Filter packed: Yes Mo Size of gravel/sand	grave	150	190
Materials placed from ft. to ft.  Surface Seal: Yes No To what depth? ft	Sandstone withday	190	197
Materials used in seal	clay with sandstone	197	210
Did any strata contain unusable water?  Yes No	avanel	210	230
Type of water? Depth of strata	Sandstone	230	234
Method of sealing strata off	rock	234	320
PUMP: Manufacturer's Name			-
WATER LEVELS: Land-surface elevation above mean sea level ft.			-
Static level 80 ft. below top of well Date 9/29/2005	-	-	
Artesian pressure lbs. per square inch Date			
(cap,valve, etc.)			
WELL TESTS: Drawdown is amount water level is lowered below static level		2	
Was a pump test made? Yes No If yes, by whom? Yield: gal/min with ft. drawdown after hrs.	740 J930		-
Yield: gal/min. with ft. drawdown after hrs.	Receive	6	-
Yield: gal/min. with ft. drawdown after hrs.  Recovery data (time taken as zero when pump turned off)(water level measured from	NOV 03	ne v	
well top to water level)		4)	-
Time Water Level Time Water Level Time Water Level	AFOLON (	FF	
	3.00		
Date of test			
Airtest \$-10 gal/min. with stem set at 300 ft. for 22 hrs.	- 1		1,
Artesian flow	Start Date 9 / 26/2005 Completed D	ate 9/25	7/2005
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept resp			vith all
Washington well construction standards. Materials used and the information	reported above are true to my best knowledge a	ind belief.	
Driller DEngineer Trainee Name (Print)	Drilling Company Sociality	MADE	إصلانا
Driller/Engineer/Trainee Signature	- Address 3340 Wilson	Circle	ر
Driller or Trainee License No. 2534	City, State, Zip Ellanshur	wA9	8921
If trainee, licensed driller's	Contractor's WHCEBOC13>V4	1 9/5	9/20
	- Ferrigitality IVA	AND THE PARTY OF T	

30%

File Original and First Copy with Department of Ecology

### WATER WELL REPORT

Start Card No. 83899

Second Copy—Owner's Copy Third Copy—Driller's Copy

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

Seco: Third	nd Copy—Owner's Copy Copy—Driller's Copy STATE OF W	VASHINGTON Water Right Permit No.		
(1)	OWNER: Name DAN MCELLIOT	Address P.O. Box 502		
<u></u> }	LOCATION OF WELL: County KMT ITAS	500 x 156x 800 20 T	<i>l8_</i> n., r_	
2a}	STREET ADDDRESS OF WELL (or nearest address)			
3)	PROPOSED USE: Domestic Industrial Municipal Dewater Test Well Other	(10) WELL LOG or ABANDONMENT PROCEDU	ed structure	and show
41	THE OF MORE, Owner's number of well	thickness of squifers and the kind and nature of the material in a with at least one entry for each change of information.	ach stratum	penetrated,
4)	things here are a fine of the second Cl	BEATEREAL.	PRÓM	TO
	Abandoned   New well   Method: Dug   Sored   Despensed   Cable   Driven   Reconditioned   Rotary   Jetted	30%	0	5
		ODEBLES	5	18
5}	DIMENSIONS: Diameter of well inches.	CEMENTED CHAVEL	18	130_
	Drilled 260 feet. Depth of completed well 260 ft.	SAMOSTANE, OCG GRAVEL	130	166
6)	CONSTRUCTION DETAILS:	I FHENTED GARVEL	165	205
-,	7/4	SANOSTONE OCC. GRAVEL	206	210
				260
	Welded Diam. from R. to R. Liner installed Diam. from R. to	CEMENTED GRAVEL	7/0	260
			+	
	Perforations: Yes No Type of perforator used			
	SIZE of perforations in. by in.			
	perforations fromR. toR.			
	partoretion and the same and th	11 15 60 15 11 10 60		
	partoradista noni	1 15 to 15 11 W 15	111	
	perforations from ft. to ft.		4	
	Screens: Yea No	Programme and the second secon	Hirl	
	Manufacturer's Name	120 22 A	111	
	Type Model No		T!	
	Diam. Slot size from ft. to ft.	31 - 31 - 31 - 31 - 31 - 31 - 31 - 31 -		
!	Diam. Siot size from ft. to ft.	WAL RECORD FEME	1	
_		The state of the s	-1-	
	Gravel packed: Yes No Size of gravel		1	
	Gravel placed from ft. to ft.		_	
	Surface seat: Yes No To what depth? ZO ft.			
	Material used in seal Did any strate contain unusable water? Yes No		+	
				-
	Type of water?Depth of strats			-
	Method of sealing strate off			-
7)	PUMP: Manufacturer's Name			
	45			
	Land-surface elevation			
8)	WATER LEVELS: above mean sea level			
	Static level 60 ft. below top of well Date 11/26/42			
	Ariestan preseure ibs. per square inch Date		,	
	Artesisn water is controlled by (Cop. volve, etc.))	Work started 1/25 19, Completed 1/	126	197
(9)	WELL TESTS: Drawdown is amount water level is lowered below static level	Work started 12 18. Completed 12	A. C.	
,	Was a pump test made? Yes No Hyes, by whom?	WELL CONSTRUCTOR CERTIFICATION:		
	Yield: gel./min. with ft. drawdown after hre.	I constructed and/or accept responsibility for co	estruction (	liew with to
_	pt H 19 ps	I and its compliance with all Washington Well G	onstruction	ELBROS/108.
-	n 0 H U	Materials used and the information reported about	e are true	to my beet
	Recovery data (time taken as zero when pump turned off) (water level measured	Imowledge and belief.		
	from well top to water level)	3 - 1 00 - 1- 00		
	Time Water Level Time Water Level Time Water Level	NAME BACK OFICE INC. COMPORATION)	ПУРЕ	OR PRO(T)
_			,	- Treatment
_		Address RTE BX 1070		
_			_	
1	Date of test	(Signed) Licens	ie No.	13
6	Buller test gal./min. with ft. drawdows after brs.			
	Airtest 14 gal. / min. with stem set at 250 h. for hrs.	Registration	4	0!
	The state of the s	No. Frike BOC 133NT Date 11/2		, 19Z4
			CODACW.	
	Temperature of water Was a chemical analysis made? Yes No	(USE ADDITIONAL SHEETS IF NEC	ESSAHY)	

ECY 080-1-20 (10/87) -1329-

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

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

## WATER WELL REPORT

4956 Start Card No. 0 104 73

STATE OF WASHINGTON

Water	Decade	Mo

-	OWNER: Name (HUCK GOAMS	Address Sayder Rd.		
		NE WW was 20 I	<b>b</b>	10
)	LOCATION OF WELL: County KIT-143	NE NE N Sec St O T	5_N., R_4	<u>/7</u> _w.m.
20)	STREET ADDDRESS OF WELL (or nearest address)			
(3)	PROPOSED USE: Domestic Industrial I Municipal I DeWater Test Well I Other	(10) WELL LOG OF ABANDONMENT PROCEDUR Formation: Describe by color, character, size of malerial and thickness of againers and the kind and nature of the material in as	atructura.	and show
41	TYPE OF WORK: Cwner's number of well (if more than one)	with at least one entry for each change of information.	201 COLUMN 1	
-,	<b>1</b>	MATERIAL	FRQSS	70
	Abandoned   New well   Method: Dug   Bored   Despend   Cable   Driven   Reconditioned   Rotary   Jetted	Silt	0	_3_
_		COBBLES	3	7
5)	DIMENSIONS: Diameter of well inches.			
	Drilled / 60 feet. Depth of completed well / 60 ft.	Comemon ter (BBBLES)	7	広
6)	CONSTRUCTION DETAILS:		/	
	Casing Installed: 6 Diam. from 0 ft. to 1 40 h.	SAUD+GRAVEL	15	25
	Weided 11. to 11	(ement +i)		
	Liner installed Threaded Diem. from 11. to 11.			19
	Perforations: Yes No	Comentes GRAVEL	25	100
	Type of perforator used	E I MI	120	170
	SIZE of perforations in. by in.	SAUTISTOKE + CLAY	120	120
	perforations fromft. toft.	SAUDSTONE + OCCURANCE	130	160
	perforations fromft. toft.	SAUDSTONE + OCCHRANIL	130	160
	perforations fromft. toft.			
	Screens: Yes No	-		
	Menulacturer's Name			
	туре			
*	Diam. Slot size from 11. 10 11.			
-				
_	50			
	Surface seal: Yes No To what depth? R. Material used in seal # Seu to sc s to			
	Did any strata contain unusable water? Yes No			
	Type of water? Depth of strats			
	Method of sealing strate off			
(7)	PUMP: Manufacturer's Name			
	Type: H.P.			-
(A)	WATER LEVELS Land-surface elevation above mean sea level			
(-,	Statio level 53 ft. below top of well Date 5-3-9/		-	
	Artesian pressure ibs. per square inch Date	. et (5		-
	Artseian water is controlled by (Cap, value, etc.))	9/1 5	-3	109"
(9)	WELL TESTS: Drawdgup is amount water level in lowered below static level	Work started 19.7 (Sampleted 19.7)		
(-,	Was a pump test made? Yes No H yes, by whom?	WELL CONSTRUCTOR CERTIFICATION:		
	Yield: gal./min, with ft. drawdown after tre.	COURTINGING BUG OF ECCEPT LESSONSHIPS FOR COURT	struction o	this well,
			are true	to my best
_	Recovery data (time taken as zero when pump turned off) (water level measured	knowledge and belief.	1	
	from well top to water level) Time Water Level Time Water Level Time Water Level	NAME BACK UR. LLING	Ce	,
_		PH BOX 1010	F-A	or Prem Su keg
		Address		1
	Dete of test	10 maheller ME Carlow day Transco	No O	836
of the	Baller test gal./mic. with ft. drawdown after free	OWELL DIVILLERO	,	-
46	Airteel gel./min. with atom set at ft. for hre	Registrations MI KE No. 133N 4Date	3	, 19_5
	Artesian flow g.p.m. Date No	USE ADDITIONAL SHEETS IF NECES	(VQADS)	
	Townstation of water West a charactal analysis made? Test	A 1985 ADDITIONAL SELECTS IN 1980/166	3-34-11	

File Original with Department of Ecology

### ATER WELL REPORT

Notice of Intent W109230 UNIQUE WELL I.D. # AEM 539

	nd Copy - Owner's Copy  Copy - Driller's Copy	•	Water Right Permit No.
(1)	OWNER: Name RUSS ARNOTT	Adde	7888
(2) (2a)	LOCATION OF WELL: County KITT ITAS STREET ADDRESS OF WELL: (or nearest address) WL 501) C.R.C. TAX PARCEL NO.:	<u>N</u>	E 1/4 NA 1/4 Sec 20 T 18 N.R. /9 WM
(3)	PROPOSED USE: Domestic   industrial   Municipal   Test Well   Other		(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.
(4)	TYPE OF WORK:  Owner's number of well (if more than one)  New Well  Despend Dug Bored Reconditioned Descriptions Descriptions		MATERIAL FROM TO
(5)	Drilled 400 feet. Depth of completed well 466	_inches _ft.	SANDSTONE, MED CRUL 25 80
(6)	CONSTRUCTION OFFAILS  Casing installed:	0_ ft. 70 ft.	CEHEUTED OF QUET 80 200 BROKEN BASALT THUY ZOO ZIE
	Perforations: Type of perforations  Type of perforations from 300 ft. to 400	in.	BASALT, BLACK; MED Z/8 400
	Screens:	n.	A L to 12 G W IS IN 15
	Surface seal: Syss   No   To what depth?   ZO   Material used in seal   FENTON   TE   Did any strata contain unusable water?   Yes   No   Type of water?   Depth of strata   Method of sealing strata off	R.	11-11
(7)	PUMP: Manufacturer's Name		
(8)	WATER LEVELS: Land-surface elevation above mean sea level Static level 7 0 ft. below top of well Artesian pressure fbs. per square inch Artesian water is controlled by (Cap, valve, etc.)	4/97	Work Started Completed _5/24 _ 99  WELL CONSTRUCTION CERTIFICATION:
(9)	Illing temor more:	/25 /25 /78	Type or Print Name

ECY 050-1-20 (11/98)

Temperature of water\_

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (360) 407-6600. The TDO number is (360) 407-6008.

### HATER WELL REPORT

STATE OF MASHINGTON

Start Card No. W45006 Unique Well I.D. # ABP011 Water Right Persit No.

) CHRER: Name AMOCLD, BILL Address 4700 (	VILBON CREEK ROND ELLENBURG, NA 98926-
) LOCATION OF WELL: County KITTITAS a) STREET ADDRESS OF WELL (or nearest address) ,	- NN 1/4 NN 1/4 Sec 20 7 18 NL, R 19E NN
) PROPOSED USE: NOVENTIC	! (10) WELL LOG
10 Martin of 1971	Formation: Describe by color, character, size of material   and structure, and show thickness of aquifers and the kind   and nature of the material in each stratum penetrated, with   at least one entry for each change in formation.
i) DIMENSIONS: Diameter of well 6 inches Drilled ft. Depth of completed well ft.	MATERIAL   FROM   TO
CONSTRUCTION DETAILS:  Casing installed: 6 " Dia. from 0 ft. to 300 ft.  WEDED 4 " Dia. from 0 ft. to 420 ft.  " Dia. from ft. to ft.	6" CASING FROM 155' TO 185'
Perforations: YES  Type of perforator used SKILL SEN  SIZE of perforations 1/8 in. by 11 in.  60 perforations from 300 ft. to 420 ft.  30 perforations from 155 ft. to 185 ft.  perforations from ft. to ft.	RUN LINER BACK IN WITH PERFORATIONS @ 380' TO 420' AND @ 155'TO 185'
Screens: NO  Hanufacturer's Name Type Diam. slot size from ft. to ft. Diam. slot size from ft. to ft.  Gravel macked: NO Size of gravel	TERENVED.
Gravel packed: ND Size of gravel Gravel placed from ft. to ft.  Surface seal: NO To what depth? ft.  Haterial used in seal Did any strata contain unusable water? NO Type of water? Depth of strata ft.  Method of sealing strata off	SEP 9 1994  DEPARTMENT OF ECOLOGY CENTRAL REGION OFFICE
7) PLBP: Manufacturer's Name Type H.P.	GE STARE ILEGISTS ST.
(8) MATER LEVELS: Land-surface elevation above mean sem level ft.  Static level 76 ft. below top of well Date 66/17/94 Artesian Pressure lbs. per square inch Date Artesian water controlled by	
(9) NELL TESTS: Drondown is assumt water level is lowered below static level.  Name of the static level.  Name of the static level.  Name of the static level is lowered below static level.  Name of the static level is lowered below at level below the static level.  Name of the static level is lowered below static level.	struction of this well, and its compliance with all
Recovery data Time Water Level Time Water Level Time Water Level	(Person, fire, or corporation) (Type or print)
Hay test & Detrator or seem see as	Contractor's
Artesian flow g.p.s.  Temperature of water Hes a chemical analysis made? MO	Registration No. PO-NO-EIARAGE   Date 68/24/94

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

### WATER WELL REPORT

Water Right Permit No.

Start Card No. 408665 UNIQUE WELL I.D. # AC 1 307

STATE OF WASHINGTON

(1)	1) OWNER: Name Donald McPhenson Moran 4510 Wilson Creek Rd. Elbushar				
(2)	LOCATION OF WELL: COUNTY KITTIFES	NW 14 NG 7 14 800 ZU T. 18 N. R.	19.Ewm.		
(2a)	STREET ADDRESS OF WELL (or nearest actions)	Cr. Pd.	0		
(3)	PROPOSED USE: Ormestic Industrial   Municipal	(10) WELL LOG OF ABANDONMENT PROCEDURE DESCRIPTION	ON		
-	□ DeWater Test Well □ Other □	Formation: Describe by color, character, size of material and structure, and show tricknes and the kind and nature of the material in each stratum penetrated, with at least one e- change of information.			
(4)	(If more than one)	MATERIAL FROM	70		
	Despensed Cable Delver		211		
(F)	Reconditioned Rotary Jetted DIMENSIONS: Diameter of well Inches.	Copples a Brown O	39		
(5)	DIMENSIONS: Diameter of well	2103			
ran	CONSTRUCTION DETAILS:	gravel ( Glay 34	177		
(6)	Casing installed: 6 Diam. from +2 ft. to 58 ft. Welded 2 Diam. from tt. to ft.	gravel & Water 11	127		
-	Liner Installed Threaded Diam. from ft. to ft.	gellow Clay 127	136		
	Perforations: Yes No.	1,-110 21. 4.01. 70	757		
	Type of perforation used	Light Brown Stick Clay 136	13/		
	perforations fromft. toft.	Soft RoHen Sand 157	180		
	perforations from ft. to ft.	Stone & Water			
-	Screens: Yes No K				
	Manufacturer's Name				
	Type         Model No.           Diam.         R. to         R.				
	Diarn. Slot size from ft. to ft.	100			
_	Grevel packed: Yes No Size of gravel	7			
	Gravel placed from ft. to ft.	JUL			
	Surface seel: Yes No To whatdopth? t.	PART JEAN OF ECOLOGY			
	Material used in seal	AL SALESANTISM			
	Type of water? Depth of ptrata				
	Method of seeling strett of Columbia Grant	low			
(7)	PUMP: Menufacturer's Name Type: H.P.				
(0)	WATER LEVELS: Land-eurlane elevation	Work Started 6 - 2 6 19. Completed 6 - 27	96		
(6)	Static level 60 Pt. below top of well Date / 727				
	Artesian pressure ibs. per equare inch Date	WELL CONSTRUCTOR CERTIFICATION:	al and lin		
_	Artesian water is controlled by (Cap, valve, etc.)	i constructed and/or accept responsibility for construction of this we compliance with all Washington well construction standards. Materials the information reported above are true to my best knowledge and belief	used and		
(9)	WELL TESTS: Drawdown is amount water level is lowered below static level  Was a pump lifet made? Yes  No  No  If yee, by whom?	Ma LL C C Dia LL C C	п.		
	Was a pump test made? Yes No I If yes, by whom?	NAME (PERION, FIRM, OR CONFORATION) (TYPE OR PRING)	111		
	64 H GF GF	Address 4403 Stone yest for	1/1/		
-	** ** *** *** *** *** *** *** *** ***	(Signed) What The attended License No. /	16/		
_	top to water level Time Water Level Time Water Level Time Water Level	Contractor's Regulation 4 PLC [17 Bout 6-27	10 9/		
_		(USE ADDITIONAL SHEETS IF NECESSARY)			
	Bailer testgal./min. withft. drawdown afterhrs. Aircestgal./min. with atom set atft. forhrs. Annelson flowg.p.m. Date	Ecology is an Equal Opportunity and Affirmative Action employer. clal accommodation needs, contact the Water Resources Program	. For <b>spe</b> - n at (206)		
	Artesian flow g.p.m. Dets Temperature of water Was a chemical analysis made? Yes No	407-6600. The TDD number is (206) 407-6006.			

	resent of Ecology OF TO WAI ER WEI	FUELOW! MINOR METT 10.4 %			
Secon Third	nd Copy — Owner's Copy 38 796 STATE OF W/	ASHINGTON Water Right Permit No	1		
y	OWNER: Name Lafah Strawal Man	CE VE 19	8 4.1/	95	
	LOCATION OF WELL: County Kiff 1745	00 00 SEWXE 1480/_TL	A_N.RC	H	
	STREET ADDRESS OF WELL (or reserved address)	(10) WELL LOG OF ABANDONSIENT PROCEDURE DESCRIPTION			
(3)	PROPOSED USE: Domestic Industrial   Municipal   Industrial   Municipal   Industrial   Other   Industrial   Other   Industrial   Industr	Formation. Describe by color, character, size of material and structure, and show thickness of equitors and the land and nature of the material in each strutum penetrated, with at least one only for each			
(4)	TYPE OF WORK: Owner's number of well (Il more than one)	change of intermetten	PROM	TO	
	Abendoned   New well   Method: Dug   Bored   December   Cable   Driven   Jessed   Jessed   Jessed   December   Decembe	TOP Soil	0	q _	
(5)	Drilled Something of well inches.  Drilled Something feet. Depth of completed well R.	Clay & Brulders	4	3/	
(8)	CONSTRUCTION DETAILS:	Gemested gravel	3/	84	
	Cooling Installed: Diam. from	Brown Clay	84	162	
	Perforations: Yes No 🖺	gravel	162	164	
	Type of perforation used	Saft Sand Stane	164	178	
	perforations from \$1, to \$1.	( water	1		
_	parolabora from				
	Manufacturer's Name				
	Type		+	-	
	Otam. Slot size from R. to 1.				
_	Gravel packed: Yes A No. Size of gravel		-	-	
	Gravel placed fromft. toft.				
	Surface seed: Yes No To was depth? R. Material used in seed				
	Did any strata contain unusable water? Yee Type of water?	DEC 1 4 1994			
	Nethod of seeling strata off				
ന	PUMP: Manufacturer's Name		-		
(8)	WATER LEVELS: Land-surface elevation above mean see level 8.		-	-	
	Static level %, below top of well Date		1		
	Annuals were is controlled by (Cap, valve, etc.)	Wash Started 10 ~ 19. Completed 10 ~	5	94	
(8)	WELL TESTS: Organization is amount water level to lowered below static level	WELL CONSTRUCTOR CERTIFICATION:			
	Was a pump test made? Yes   No   If yes, by whom?	i constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Meterials used and			
_	60 10 80 90 90 10 10 10 10 10	the information reported above are true to my best knowle	idge and bell	lef.	
-	Percovery 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	NAME Mathematical Committee Committe			
- -					
,	Date of Met	- SHORTHEOCHERCON	142	94	
	Arteelan 60W Q.p.m. Dust Temperature of water Who a premions analysis musta? Yes	(USE ADDITIONAL SHEETS IF NECES	SARY)	100 PT yE-100 200	

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

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

STATE OF WASHINGTON

Notice of Intent W176554 UNIQUE WELL I.D. # ALF456

Water Right Permit No.

1) OWNER: Name LEON SIGLER	1100 BRICK MILL RD, ELLENSBURG, W	A 30320		
(2) LOCATION OF WELL: County KITTITAS  (2a) STREET ADDRESS OF WELL (or nearest address) 1160 BRICK M	- NE 1/4 SE 1/4 Sec 19 T ILL RD ELLENSBURG WA	18 N.,R 1	9_ W.M.	
TAX PARCEL NO. 181919-040-0002				
PROPOSED USE: Domestic Industrial Municipal Impartion Test Well Other DeWater (10) WELL LOG or DECOMMISSIONING PROCEDURE DESCRIPTION:  [				
4) TYPE OF WORK: Owner's number of well (If more than one)	MATERIAL	FROM	TO	
X New Well Method:	SOIL	0	2	
☐ Deepened ☐ Dug ☐ Bored ☐ Reconditioned ☐ Cable ☐ Driven	SOIL GRAVEL & SMALL BOLDERS	2	4	
Decommission X Rotary Jetted	CLAY GRAVEL & SMALL BOLDERS	4	87	
	CLAY & CLAY & GRAVEL LAYERS	87	191	
5) DIMENSIONS.	SANDSTONE & CLAY	191	253	
Drilled 460 feet. Depth of completed well 460 1.	GRAVEL & SAND	253	272	
6) CONSTRUCTION DETAILS:	CLAY	272	275	
Casing Installed:	BASALT BLACK BROWN SOFT	275	309	
Xi Welded 6 " Diam. from +3 ft. to 298 ft.    Xi Welded 6 " Diam. from 280 ft. to 460 ft.	CLAY	309	325	
A Little Histories	CLAY & BASALT BLACK BROWN	325	329	
Threaded Diam. wom It to It.	CLAY	329	347	
Perforations: XYes No	BASALT BLACK BROWN	347	359	
Type of perforator used SKILLSAW	CLAY SHALE BROWN	359	370	
SIZE of perforations 1/8 in. by 6 in.	BASALT BLACK & BLUE SHALE CLAY	370	390 419	
45 perforations from 420 ft. to 460 ft.	BASALT BLACK & CLAY BROWN	390 419	427	
perforations from ft. to ft.	CLAY BROWN	427	436	
perforations from ft. to ft.	BASALT BLACK & GREEN SHALE CLAY BASALT BLACK BROWN	436	450	
Screens: Yes X No K-Pac Location	CLAY	450	459	
Screens: Yes XNo K-Pac Location  Manufacturer's Name	BASALT BLACK BROWN & CLAY BROWN	459	461	
Type Model No.	BACALI BEACK BROWN & CEAT BROWN	300		
Diam. Slot size from ft. to ft.	60 GPM @ 460			
Diam. Slot size from ft. to ft.	40 GPM @ 400			
	35 GPM @ 340	3		
Gravel/Filter packed: Yes No Size of gravel/sand Material placed from ft. to ft.	25 GPM @ 280 10 GPM @ 220			
Surface seal: XYes No To what depth? 298 ft.	1 2	9		
Material used in seal BENTONITE	100	' /		
Did any strata contain unusable water? Yes X No	As and			
Type of water? Depth of strata	10 TO			
Method of sealing strata off				
(7) PUMP: Manufacturer's Name				
Type: H.P. H.P.		-		
1300.				
(8) WATER LEVELS: Land-surface elevation above mean sea levelft.	Work Started 12/20/2004 , 19. Completed 12/	21/2004	. 19	
Static level137 ft. below top of well Date 12/21/2004	WELL CONSTRUCTION CERTIFICATION:			
Artesian pressure   lbs. per square inch   Date	i constructed and/or accept responsibility for construction			
Artesian water is controlled by(Cap, valve, etc)	compliance with all Washington well construction standa and the information reported above are true to my best k	rgs, Matenals	usec helief	
A 100 CONTRACTOR OF THE PARTY O	and the information reputed above are are to my best v	MANGE OF STREET	ocitor.	
(9) WELL TESTS: Drawdown is amount water level is lowered below static level	Type or Print Name TOM MCGUIRE Lice	nse No. 035	7	
Was a pump test made? Yes XINo If yes, by whom?	(Licensed Driller/Engineer)			
Yield: gai./min. with ft. drawdown after hrs.	Trainee Name Lice	nse No.		
Yield: gal./min. with ft. drawdown after hrs.				
Yield: gal./min. with ft_ drawdown after hrs.	Drilling Company RICK POULIN WELL DRILLIN	<u> </u>		
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)	1-0	nse No. <u>035</u>	7	
Time Water Level Time Water Level Time Water Level	(Licensed Driller/Engineer)			
	Address 1301 LANCASTER RD SELAH, WA	98942		
	Contractor's Registration No. RICKPWD042J2  Date 12	/21/04	_, 19	
Date of test	(LIGE ADDITIONAL QUEETS IS NECESSARY)			
Bailer test gal./min. with ft. drawdown after hrs.	(USE ADDITIONAL SHEETS IF NECESSARY)			
Airtest 60 gal./min. with stem set at 460 ft. for 1 hrs.	Ecology is an Equal Opportunity and Affirmative Action employer. For			
Artesian flow g.p.m. Date	special accommodation needs, contact the Water R	esouices Pio e	yram at	
Temperature of water	(360) 407-6600. The TDD number is (360) 407-600	0.		