Water Right Conditions . Tracking Slip

Groundwater/Hydrology Section

FILE # # ___ G-17127

ROUTED TO: Water Rights - Jenna 7

TOWNSHIP/ RANGE-SECTION: 55/39E-34 60

CONDITIONS ATTACHED?: [4] yes [] no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Mike Zwart

PUBL	IC IN	rer <u>es</u>	T_REVI	EW FOR	R GROU	IND WA	TER AP	PLICATION	<u>ONS</u>			
TO:			Rights Se						e April 2 4	, 2013		
FROM	•	Groun	d Water/I	Hydrology	Section	Mike	Zwart					
					_	Revi	ewer's Name					
SUBJE	ECT:	Applic	cation G	171 <u>27</u>		Suj	persedes re	view of	<u>Februai</u>	ry 9, 201 Date of Re	<u>0</u> _	
										Date of Ke	view(s)	
OAR 6 welfare, to deter the pres	90-310-1 safety amine who sumption	30 (1) Tond health ether the criteria.	he Departi h as descri presumpti	ment shall p bed in ORS on is estable w is based	oresume the 537.525. ished. OAlupon ava	Department R 690-310-1 ilable infor	ed groundwe staff review 140 allows the mation and	ground wate he proposed to agency poli	ensure the present applications use be modified cies in place a	under OA d or condi t the time	R 690-31 tioned to of evalu	10-140 meet
												Dagin
A1.	• •						s) in the					_ Basin,
		<u>Clover (</u>	r <u>eek</u>			subb	asın Qu	ad Map: N	orth Powder			
A2. A3.									October 31 wells as such	under log		
Well	Logi	id	Applicant		oposed	Propose		Location		n, metes		
			Well #		quifer* sin Fill	Rate(cf 3.119		/R-S QQ-Q) /E-34 SW-N		2250' N, 1200' E fr NW cor S 36 25' E, 2640' S fr NW cor S 34		
2	Propo	sea	1	<u>Ba</u>	SIN FIII	3.119	33/39	E-34 SW-IN	25 E.	, 2040 311	r IV VV COI	3 34
3							_					
4												
5												_
	ım, CRB,	Bedrock										
Well	Well Elev	First Water	SWL	SWL	Well Depth	Seal Interval	Casing Intervals	Liner Intervals	Perforations Or Screens	Well Yield	Draw	Test
W C11	ft msl	ft bls	ft bls	Date	(ft)	(ft)	(ft)	(ft)	(ft)	(gpm)	Down (ft)	Type
1	3354											
	_		-	_								
Use data	from app	lication for	or proposed	wells.								
A 4.	Comme	ents:	This app	lication is a	amended t and prop	o include o	nly propose 3 are being	ed well #1 to dropped,	make up for a	deficien	cy in rate	e for
A5. 🛛	manage	ment of				ected to sur			o the developm are not, activ			

Comments:

Comments: ____

Version: 08/15/2003

	UND WATER AVAILABILITY CONSIDERATIONS, OAR 690-310-130, 400-010, 410-0070										
Ва	ased upon available data, I have determined that ground water* for the proposed use:										
a.	is over appropriated, is not over appropriated, or is cannot be determined to be over appropriated during an period of the proposed use. * This finding is limited to the ground water portion of the over-appropriation determination as prescribed in OAR 690-310-130;										
b.	■ will not or ■ will likely be available in the amounts requested without injury to is limited to the ground water portion of the injury determination as preson										
c.	will not or will likely to be available within the capacity of the ground water	resource; or									
d.	will, if properly conditioned, avoid injury to existing ground water rights or to a i. The permit should contain condition #(s) 7N The permit should be conditioned as indicated in item 2 below. The permit should contain special condition(s) as indicated in item 3 below.										
a.	Condition to allow ground water production from no deeper than	ft. below land surface;									
b.	Condition to allow ground water production from no shallower than	ft. below land surface;									
c.	Condition to allow ground water production only from the	ground									
	Well reconstruction is necessary to accomplish one or more of the above conditions. The problems that are likely occur with this use and without reconstructing are cited below. Without reconstruction, I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Groundstruction.										
d.	occur with this use and without reconstructing are cited below. Without reconstru	action, I recommend withholding									
d.	☐ Well reconstruction is necessary to accomplish one or more of the above condition occur with this use and without reconstructing are cited below. Without reconstruction is suance of the permit until evidence of well reconstruction is filed with the Department.	ell reconstruction (interference w/									
	 ■ Well reconstruction is necessary to accomplish one or more of the above condition occur with this use and without reconstructing are cited below. Without reconstruction is suance of the permit until evidence of well reconstruction is filed with the Department Section. ■ Describe injury —as related to water availability—that is likely to occur without we senior water rights, not within the capacity of the resource, etc): 	ell reconstruction (interference w/									
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Date: April 24, 2013

Application G-17127 continued

Well		Aquifer or Proposed	Aguifer			Confined	Unconfined
1	Basin						
						_	
						 	
		er confinement evaluation: <u>A</u> er storage conditions.	quifer testing	g from Ma	ay 2-5, 2008	by Department staff de	monstrated
horizon	al dist	(3): Evaluation of distance to, as ance less than 1/4 mile from a sur	face water sou	irce that p	roduce water	from an unconfined aqui	ifer shall be
horizon assume	al dist I to be evalua		face water sou	irce that p	roduce water lude in this ta	from an unconfined aqui	ifer shall be beyond one m Potential
horizon assume	al dist I to be	ance less than 1/4 mile from a sur hydraulically connected to the su	face water sourface water s	ource. Inc	roduce water	from an unconfined aqui	Potential Subst. Inte
horizon assumed that are	tal dist I to be evalua SW	ance less than ¼ mile from a sur hydraulically connected to the si ted for PSI.	GW Elev	SW Elev	roduce water lude in this ta	from an unconfined aqui able any streams located by Hydraulically Connected?	effer shall be beyond one m Potential Subst. Inte
horizon assumed that are Well	tal dist l to be evalua SW #	ance less than ¼ mile from a sur hydraulically connected to the si ted for PSI. Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	from an unconfined aqui able any streams located by Hydraulically Connected? YES NO ASSUMED	Potential Subst. Inte
horizon assumed that are Well	tal dist l to be evalua SW #	ance less than ¼ mile from a sur hydraulically connected to the si ted for PSI. Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	from an unconfined aqui able any streams located by Hydraulically Connected? YES NO ASSUMED	Potential Subst. Inte
horizon assumed that are Well	tal dist l to be evalua SW #	ance less than ¼ mile from a sur hydraulically connected to the si ted for PSI. Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	from an unconfined aqui able any streams located by Hydraulically Connected? YES NO ASSUMED	Potential Subst. Inte
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horizon assumed that are Well	al dist i to be evalua SW #	ance less than ¼ mile from a sur hydraulically connected to the steed for PSI. Surface Water Name Clover Creek	GW Elev ft msl 3348±	SW Elev ft msl 3333	Distance (ft)	Hydraulically Connected? YES NO ASSUMED	Potential Subst. Into Assume YES
horizon assume that are Well 1 Basis for	sal dist if to be evalua SW #	ance less than ¼ mile from a sur hydraulically connected to the steed for PSI. Surface Water Name Clover Creek er hydraulic connection evalua	GW Elev ft msl 3348±	SW Elev ft msl 3333	Distance (ft) 6500	Hydraulically Connected? YES NO ASSUMED	Potential Subst. Inte Assume YES
horizon assumed that are Well 1 Basis for rrigation	sal dist i to be evalua SW # 1	ance less than ¼ mile from a sur hydraulically connected to the steed for PSI. Surface Water Name Clover Creek	GW Elev ft msl 3348± Ation: Long tell (UNIO 526) I to semiconf	SW Elev ft msl 3333	Distance (ft) 6500 itoring of was anded to the	Hydraulically Connected? YES NO ASSUMED	Potential Subst. Inte Assume YES

C by well, use full rate for each well. Any checked 🖾 box indicates the well is assumed to have the potential to cause PSI.

Well	SW #	Well < 1/4 mile?	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw> 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
					_		•			
					_					
									<u> </u>	

C3b. 690-09-040 (4): Evaluation of stream impacts by total appropriation for all wells determined or assumed to be hydraulically connected and less than 1 mile from a surface water source. Complete only if Q is distributed among wells. Otherwise same evaluation and limitations apply as in C3a above.

SW #	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
Comments:								

Comments: _____

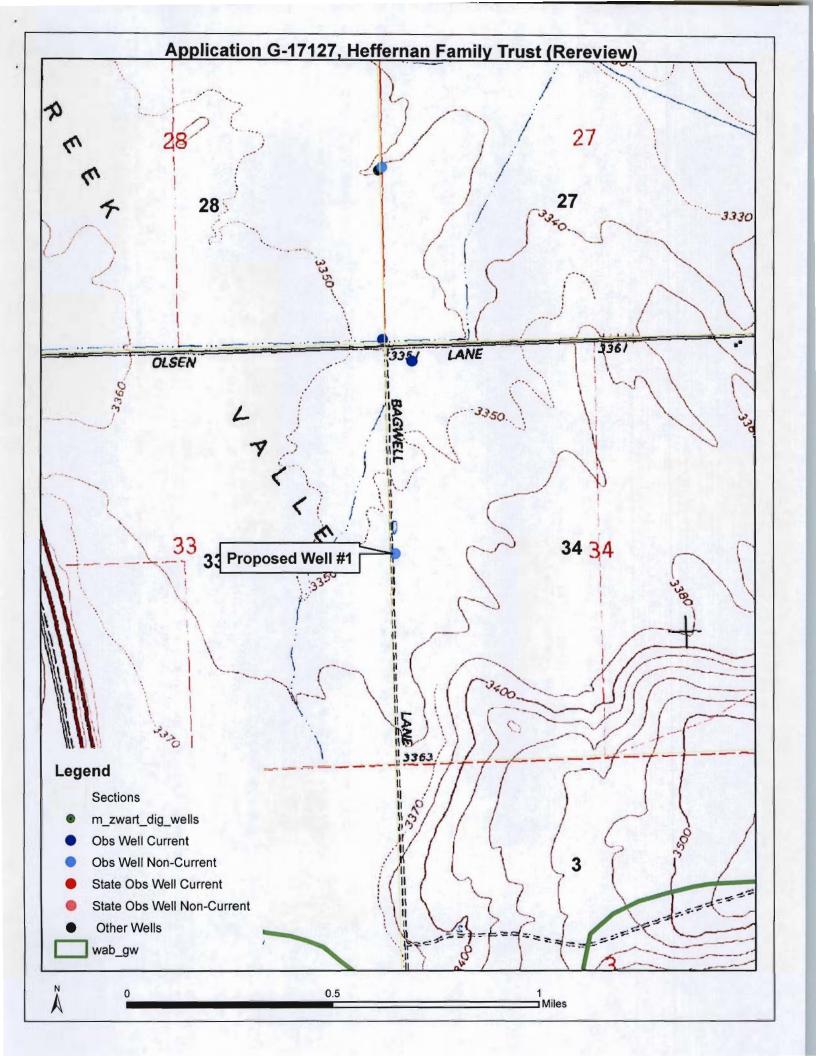
C4a. 690-09-040 (5): Estimated impacts on hydraulically connected surface water sources greater than one mile as a percentage of the proposed pumping rate. Limit evaluation to the effects that will occur up to one year after pumping begins. This table encompasses the considerations required by 09-040 (5)(a), (b), (c) and (d), which are not included on this form. Use additional sheets if calculated flows from more than one WAB are required.

Non-Di	istributed	Wells											
Well	SW#	<u>Jan</u>	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
Interfere	ence CFS												
Di-4il-	uted Wel	1-											
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
****	- D 1111	%	%	%	/\pi	%	%	%	%	<u> Зер</u>	%	%	<u> </u>
Well Q	os CES	/*		/						- 70			
	ence CFS												
Interrere	nice CI 5	%	%	%	%	%	%	%	<u>%</u>	%	%	%	%
Well Q	oc CES	/*		- 70	70				70		70		
	ence CFS												
meriere	ince Cr5	%	%	%	%	%	%	%	%	%		0/	0/
W-11 O	CEC	70	70	90	90	- %	70		%		%	%	%
Well Q	ence CFS												
Interiere	ence CFS	%	0/	<u>%</u>	0/	0,	- 6,-	0/	0.4	0/		- 0.4	
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q													
Interfere	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q													
Interfere	ence CFS												
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q	as CFS												
Interfere	ence CFS												
(A) = To	tal Interf.												
	% Nat. Q												
	% Nat. Q												
(D) = (A) > (C)	v'	v′	ν'	4	- V	· · · · · · · · · · · · · · · · · · ·		v.′		V	y.'	V ²
	/ B) x 100	%	%	<u>%</u>	%	%	%	%	%	%	%	%	%

(A) = total interference as CFS; (B) = WAB calculated natural flow at 80% exceed. as CFS; (C) = 1% of calculated natural flow at 80% exceed. as CFS; (D) = highlight the checkmark for each month where (A) is greater than (C); (E) = total interference divided by 80% flow as percentage.

Basis for impact evaluation: 690-09-040 (5) (b) The potential to impair or detrimentally affect the public interest is to be determined by the W Rights Section. If properly conditioned, the surface water source(s) can be adequately protected from interference, and/or ground water under this permit can be regulated if it is found to substantially interfere with surface water:	ppnc	ation G-1/127 Continued Date. April 24, 2015
690-09-040 (5) (b) The potential to impair or detrimentally affect the public interest is to be determined by the W Rights Section. If properly conditioned, the surface water source(s) can be adequately protected from interference, and/or ground water under this permit can be regulated if it is found to substantially interfere with surface water: i		
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under this permit can be regulated if it is found to substantially interfere with surface water: i.		Rights Section.
SW / GW Remarks and Conditions References Used: Local well logs; Recon. Geologic Map of the Oregon Part of the Grangeville Quadrangle, by Walke 1979; OWRD aquifer test May 2-5, 2008, unpublished data collected at local wells; previous reviews of G-16902 and G-		under this permit can be regulated if it is found to substantially interfere with surface water:
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17035.	<u> 19</u>	79; OWRD aquifer test May 2-5, 2008, unpublished data collected at local wells; previous reviews of G-16902 and G-
	<u>17</u>	035
	_	

Appli	cation G- <u>17127</u>	continued	Date: April 24, 2013	
D. <u>W</u>	ELL CONSTRUCTIO	N, OAR 690-200		
D1.	Well #:	Logid:		
D2.	 a. review of the v b. field inspection c. report of CWR 	n by E	ndards based upon:	
D3.	b. commingles was c. permits the los d. permits the de-	ealth threat under Division 200 rules ater from more than one ground water	er reservoir; er reservoirs;	
D4.	THE WELL construct	ion deficiency is described as follo	ws:	
D5.	THE WELL a.	was, or was not constructed original construction or most red	according to the standards in effect at the time of cent modification.	
	b.	I don't know if it met standards	at the time of construction.	
D6.			ding issuance of the permit until evidence of well reconstant Section and the Ground Water Section.	struction
THIS	S SECTION TO BE CO	MPLETED BY ENFORCEM	ENT PERSONNEL	
D7. [☐ Well construction defici	ency has been corrected by the follo	wing actions:	
				200 .
	(Enforcement S	Section Signature)	,	
D8. [☐ Route to Water Right	s Section (attach well reconstruction	on logs to this page).	



UNIO 51932

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form.

Unid WELL I.D. # L. 93928 51937 START CARD# 197281

(1) LAN Name	DOWNE		nes Al	fles	ber _A au		(9) LOCATION County 120	^	l description	n)	
	63,60		View p	pint		8-84	Tax Lot 410		Lot		
City A	orth	owde	State	OR.	Zir	97867	Township	S Norts		39	Br W WM
	E OF WO		New Wel		bandonm	ent Conversion	Section 28			(de	nE 1/4 grees or decimal
(3) DRII	L METH	IOD otary Mud	☐ Cable ☐	Auger [Cable N	Mud	Street Address of W	ell (or nearest addre	ss) 1/2 A	rike no	grees or decimal
Other		, , , , ,					interse chi	or of Olse	A Kd. a	d Bag	Well Ro
(4) PRO	POSED L	Community			Irrigatio	n		ft. below land surf		ate _//-	9-07
Therm	as Li	njection	Livest	ock L	Other _			ft. below land surf		ate	
Depth of (Completed '	Well 6	ft.			on: Yes No	Artesian pressure	-		ate	
Explosive	s usea:	Yes LIN	о Туре		Amoun	-	Depth at which water	er was first found	6		
	ORE HOL	E To	Material Lend.	From	SEAL To	S tysoor Pounds	From	To 7	5	d Flow Rate	SWL
10	18	140	Long.	0	-	14	50	100	100	+	3.5
						1000	100	120	200		1
							120	140	200		
How was	seal placed:	Metho	A DA	□B	OC.	□ D □ E	(12) WELL LOG	Grou	nd Elevation		
			dry				1000		Activities and an arrangement of		0110
	aced from		fl. to f		erial	Market Company	TOD 501	erial	From	3 ^{To}	SWL
Gravel pla	ced from _		ft. to f	. Size	of grave	1	Brown Co		.3	6	
(6) CASI	NG/LINI	rD O					Blue Class		4	7	5
. ,	Diameter		To Gauge	e Steel	Plastic	Welded Threaded	Bhee Clay		7	63	
	6		58 1.25				Coarse 4		43		3.5
				_ 🛮			Lograse Bl			75	-
			-		000		Wayerte				
Liner:				- 1	H	H H	dravels				VEIL
121111							111				
Drive Sho	e used	Inside 🖂	Outside N	one			Below cas	o longe	10	NV 19	2007
	ion of shoe						Blowing 1		- 11	11 13	2001
	-						drill sten		WATER	RESOUR	CES DEPT
	FORATIO	DNS/SCF		1/1	1				SA	LEM OR	EGON
	forations		Method	7	Mate	riol					
☐ Scr	eens		Туре				Date Started	8-07 c	ompleted	11-4-0	7
From	То	Slot Size	Number Dia	meter	rele/pipe size	Casing Liner	abandonment of this construction standar the best of my know	work I performed o well is in complian ds. Materials used a ledge and belief.	n the construction the construction of the con	on water supp	ly well
							WWC Number		Date		
(8) WEL		: Minim Bailer	um testing t			Artesian	Signed				
	gal/min	Drawd 130	lown D	rill stem	at	Z &c.	(bonded) Water W I accept respons abandonment work above. All work per	ibility for the constr performed on this w	uction, deeper	construction	dates reported
T	re of water	1-A	D	A	DEA	EIVED	supply well construc	ction standards. Thi	s report is true	e to the best o	of my knowledge
			Yes By whor	Artesia	TEV	MIAER	and belief.				
					2	a Tag little	WWC Number	1816 -	Date	11-10-	07
Salty	Muddy	Odor	suitable for in	Othe	EB 1	3 7008 linle		11/1	11		
	trata:					TO BE AREA	Signed	1	1		
pui oi a				WATE	RRES	OURCES DEPT			1		

UNIO 51931

STATE OF OREGON WATER SUPPLY WELL REPORT

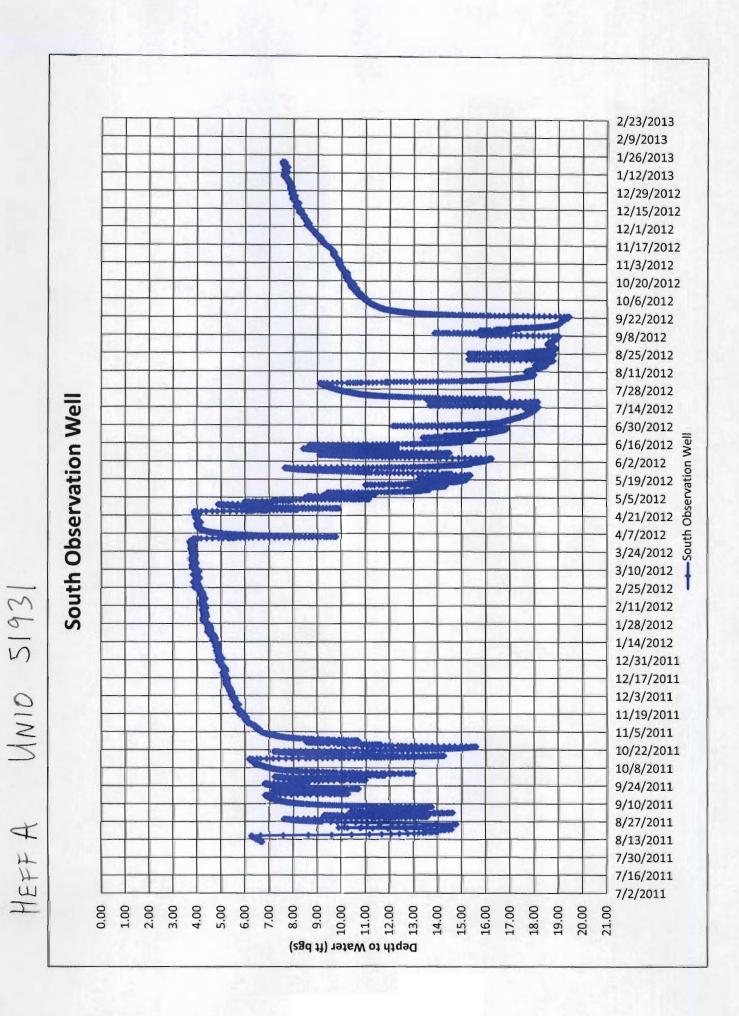
Instructions for completing this report are on the last page of this form.

(as required by ORS 537.765)

WELL I.D. # L 93927

START CARD # 175050

(1) LAND OWNER Name Chris & Donna Heffernan	(9) LOCATION OF WELL (legal description) County (1)
Address 63600 Viewpoint LN. City North Powder State OR. Zip 97867	Tax Lot 4/00 Lot Township 5 Nor Range 39 For W W
(2) TYPE OF WORK New Well ☐ Decpening ☐ Alteration (repair/recondition) ☐ Abandonment ☐ Conversion	Section 34 5W 1/4 NW 1. Lat
(3) DRILL METHOD Rotary Air Rotary Mud Cable Auger Cable Mud Other	Street Address of Well (or nearest address) 1/2 mile 5. of Olsen Rd. on Baqwell Rd. Left side of Rd.
(4) PROPOSED USE Domestic Community Industrial Irrigation Thermal Injection Livestock Other	ft. below land surface. Date 11-4-07 ft. below land surface.
(5) BORE HOLE CONSTRUCTION Special Construction: Yes No Depth of Completed Well 60 ft. Explosives used: Yes No Type Amount	Artesian pressure lb. per square inch Date (11) WATER BEARING ZONES
BORE HOLE Diameter From To Material From To Gallor Pounds	Depth at which water was first found // // Estimated Flow Rate SWL // // // // // // // // // // // // //
10 0 18 Bent. 0 18 10	80 10 100 4 80 140 200 7
How was scal placed: Method A B C D E	(12) WELL LOG Ground Elevation
Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel	Top Soil Soil SWI.
(6) CASING/LINER Diameter From To Gauge Steel Plastic Welded Threaded Casing: 4 2 78 250	Cight from Clay VIB 10 11 8 Dark Brown Clay 11 40 Coarse Brown Sand WI 40 6 Fire sand and small Gaves 80 Coarse Black Sand WI 80 Quarte and small Graves 190 Bottom iso Caved Below casing Still Blowing 100 t W doill Sten at 15
(7) PERFORATIONS/SCREENS Perforations Method Screens Type Material	Date Started 10 - 26-07 Completed 11-4-07
From To Slot Number Diameter Tele/pipe Casing Liner size	(unbonded) Water Well Constructor Certification I certify that the work I performed on the construction, deepening, alteration, abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. WWC Number Date
(8) WELL TESTS: Minimum testing time is 1 hour ☐ Pump ☐ Bailer ☑ Air ☐ Flowing Artesian	Signed
Yield gal/min Drawdown Drill stem at Time 2 hc. Temperature of water 50 Depth Artesian Flow Found Was a water analysis done? Yes By whom RECEIVED Did any strata contain water not suitable for intended use? Too little	(bonded) Water Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief. WWC Number 1816 Date 11-5-07
Did any strata contain water not suitable for intended disc? Too little Salty Muddy Odor Colored Other Depth of strata:	Signed A. C.



STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L	85275
START CARD#	193731

(1) LAND OWNER Owner Well I.D.	(9) LOCATION OF WELL (legal description)	
First NameCHRIS & DONNA Last Name HEFFERNAN	County UNION Twp 5 S N/S Range 39 E E/W	WM
Company	Sec 34 NW 1/4 of the NW 1/4 Tax Lot 4100	
Address 63600 VEIWPOINT LANE	Tax Map Number Lot	-
City NORTH POWDER State OR Zip 97867	Disc	DD
City NORTH FOWDER State OR Zip 27007		
(2) TYPE OF WORK New Well Deepening Conversion	Long O DMS or	DD
Alteration (repair/recondition) Abandonment	Street address of well Nearest address	
Andradon (repair/recondition)	OLSEN BOAD & BACWELL BOAD	
(3) DRILL METHOD	OLSEN ROAD & BAGWELL ROAD	- 17
Rotary Air Rotary Mud Cable Auger Cable Mud		_
Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)	
Microse Rolary Other	Existing Well / Predeepening	
(4) PROPOSED USE Domestic Irrigation Community	Completed Well 04-03-2008	-
Industrial/Commericial Livestock Dewatering		_
Thermal Injection Other	Flowing Artesian? Dry Hole?	
	WATER BEARING ZONES Depth water was first found 10	_
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)	SWL Date From To Est Flow SWL(psi) + SWL(ft)	_
Depth of Completed Well 405 ft.	03-19-2008 6 10	
BORE HOLE SEAL sacks/	03-19-2008 14 22	
Dia From To Material From To Amt Ibs	03-19-2008 67 72	
26 0 409 Bentonite 0 12 4,000 P	03-19-2008 114 116	7
17 409 412 Cement GROUT 12 100 8 UR	03-20-2008 122 132	
12 412 424 Cement & Cour 205 210 .75 120		=
	(11) WELL LOG Ground Elevation	
How was seal placed: Method A B C D E	Material From To	
	Material From To DARK TOP SOIL 0 2	7
Other DRY POUR BENTONITE	SILTY BROWN CLAY 2 6	
Backfill placed from ft. to ft. Material	BROWN COARSE SAND 6 10	-
Filter pack from 100 ft. to 205 ft. Material GRAVEL Size pea gravel	BROWN BURNT CLAY 10 14	-
Explosives used: Yes Type Amount		-
Explosites asset.		-
(6) CASING/LINER Casing Liner Dia + From To Gauge Sti Piste Wid Thrd	BROWN CLAY 22 32	-
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	BROWN SLITY CLAY 32 50	-
(a) (18 × 2 124 .375 (b) (× 1	BROWN CLAY W/SM SAND STREAKS 50 67	4
18 × 2 124 375 18 164 241 375 18 261 315 375 19 227 407 407	FINE BRN SAND 67 72	1
(a) 18 261 315 .375 (b) C	GREY STICKY CLAY 72 85	
18 325 405 375	GREY STICKY CLAY, SOFT SANDSTONE, FINE 85 92	
RAM HIM RAM HI	STICKY BLUE CLAY 92 105	
	GREEN SANDY CLAY 105 108	
Shoe Inside Outside Other Location of shoe(s)	BROWN CLAY 108 114	
Temp casing Yes Dia From To	FINE SAND, SOFT SANDSTONE 114 116	
	GREY CLAY 116 122	
(7) PERFORATIONS/SCREENS	COARSE GREY SAND 122 132	
Perforations Method	TAN STICKY CLAY 132 134	
Screens Type JOHNSON WIRE Material M.S.	BROWN COARSE SAND W/SM CLAY LAYER 134 165	
Perf/ Casing/ Screen Scm/slot Slot # of Tele/	Data Started on an agent	
Screen Liner Dia From To width length slots pipe size	Date Started 03-20-2008 Completed 05-05-2008	
Screen Casing 18 124 164 .04	(unbonded) Water Well Constructor Certification	7
Screen Casing 18 241 261 .04	I certify that the work I performed on the construction, deepening, alteration	n or
Screen Casing 18 315 325 .04	abandonment of this well is in compliance with Oregon water supply	
Peri Casing 18 385 405 125 4	construction standards. Materials used and information reported above are tru	
Cit Casing 10 303 400 1123	the best of my knowledge and belief.	10 10
	License Number 1764 Date 05-07-2008	
(8) WELL TESTS: Minimum testing time is 1 hour		_
Pump	Password: (if filing electronically)	-
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed (
1,000 84 250 72	(bonded Water Well Constructor Certification	-
	I accept responsibility for the construction, deepening, alteration, or abandon	ament
	work performed on this well during the construction dates reported above. All	
Temperature 59 °F Lab analysis Yes By	performed during this time is in compliance with Oregon water supply	
	construction standards. This report is true to the best of my knowledge and beli	
Water quality concerns? Yes (describe below) From To Description Amount Units		
From To Description Amount Units	License Number 159 Date 05-07-2008	_
KPGEIVEU	Password: (if filing electronically)	
	Signed Signed	-
2008	Contact Info (optional)	
DENTINAL LA AND ESCURCES D	EDADTIMENT	

SALEM OREGON

