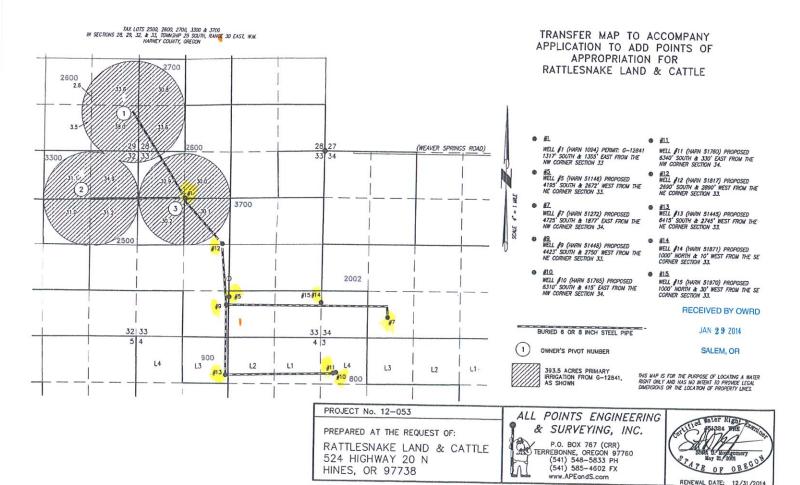
	Well#	Well Log
1	1	1094
2	2	2324
3	3	1330
4	4	1331
5	5	51148
6	7	51272
7	9	51448
8	10	51765
9	11	51760
10	12	51817
11	13	51445
12	14	51871
13	15	51970
14	16	51970
15	17	52154
16	18	52170
17	20	52457
18	21	52590
19	22	52591
20	23	52674
21	113	52774



RENEWAL DATE: 12/31/2014

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

WELL LABEL # L	102506	
START CARD#	1009318	

(1) LAND OWNER Owner Well I.D. LEATHERS #1	I m recommend
	(9) LOCATION OF WELL (legal description)
First Name ANDY Last Name ROOT	County HARNEY Twp 25 S N/S Range 30 E E/W WM
Company ACW	Sec 29 SW 1/4 of the SE 1/4 Tax Lot 2600
Address 524 N HWY 20 City HINES State OR Zip 97738	Tax Map Number Lot
	Tax Map Number
(2) TYPE OF WORK New Well Deepening Conversion	Long 0 DMS or DD
X Alteration (repair/recondition) Abandonment	Street address of well Nearest address
(3) DRILL METHOD	28700 WEAVER SPRINGS RD
X Rotary Air Rotary Mud Cable Auger Cable Mud	
Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
(4) PROPOSED USE Domestic Irrigation Community	0-14-19/1
Industrial/Commericial Livestock Dewatering	Flowing Artesian? Dry Hole?
Thermal Injection Other	
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)	
Depth of Completed Well 170 ft.	SWL Date From To Est Flow SWL(psi) + SWL(ft)
BORE HOLE SEAL Sacks/	1,000
Dia From To Material From To Amt lbs	
18 0 18 Bentonite 0 18 40 S	
14 18 170	
	(11) WELL LOG Ground Florestee
How was seal placed: Method A B C D E	Ground Elevation
How was seal placed: Method A B C D E Other POURED DRY AND TAM	Material From To MULTI COLORED CINDER 80 160
Backfill placed from ft. to ft. Material	CAN TRACTOR IT THE VOWE
Filter pack from ft. to ft. Material Size	SANDSTONE YELLOW 160 170
Explosives used: Yes Type Amount	
(6) CASING/LINER	
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	
● Q 14 × 1 107 250 ● C ×	RECEIVED BY OWRD
	DECEIVED BY OWN
R AL HERELET R AL HI	HEUL
H HKKI HIKKI HIKKI	2014
Shoe Inside Outside Other Location of shoe(s)	JAN 29 2014
Temp casing Yes Dia From To	SALEM, OR
(7) PERFORATIONS/SCREENS	5)AL (a)11)
Perforations Method Screens Type Material	
Perf/S Casing/Screen Scrn/slot Slot # of Tele/	Date Started 01-26-2010 Completed 02-01-2010
creen Liner Dia From To width length slots pipe size	
	(unbonded) Water Well Constructor Certification
	I certify that the work I performed on the construction, deepening, alteration, or 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.
(8) WELL TESTS: Minimum testing time is 1 hour	License Number Date
Pump Bailer Air Flowing Artesian	Password: (if filing electronically)
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed
1,000 170 1	(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
Temperature 60 °F Lab analysis Yes By	performed during this time is in compliance with Oregon water simply well
	construction standards. This report is true to the best of my knowledge and belief.
From To Description Amount Units	License Number 1424 Date
	Password : (if filing electronically)
	Signed Contact Info (optional)
ORIGINAL - WATER RESOURCES DE THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTME	NT WITHIN 30 DAYS OF COMPLETION OF WORK
	Form Version: 0.95

STATE OF OREGON

WATER SUPPLY WELL REPORT

WATER SUPPLY WELL REPORT (as required by ORS 537.765)	WELL I.D. #L AGG / 5 START CARD # 155 9 6 3		
Instructions for completing this report are on the last page of this form.	START CARD # 135 / G.		
(1) LAND OWNER ROLL Well Number	(9) LOCATION OF WELL by legal description: County Latitude Longitude		
Address Po. CER 946	Township 2.5 S No Bange 3 OF E W. WM.		
City Burus State to Zip 9 7720	Section 33 8 5 1/4 N E 1/4		
(2) TYPE OF WORK	Tax Lot 3 6 00 Lot Block Subdivision		
New Well [] Deepening [] Alteration (repair/recondition) [] Abandonment	Streep Address of Well (or nearest address)		
(3) DRILL METHOD:	End of warden Spings Burns, o		
Rotary Air □ Rotary Mud □ Cable □ Auger	(10) STATIC WATER LEVEL:		
Other	7 4 ft. below land surface. Date 2-18-05		
(4) PROPOSED USE:	Artesian pressure		
□ Domestic □ Community □ Industrial Irrigation	(11) WATER BEARING ZONES:		
☐ Thermal ☐ Injection ☐ Livestock ☐ Other			
(5) BORE HOLE CONSTRUCTION:	Depth at which water was first found		
Special Construction approval Yes No Depth of Completed Well 25t. Explosives used Yes No TypeAmount	From To Estimated Flow Rate SWL		
HOLE SEAL	117 125 1000+ 74		
20 0 38 Bent 0 38 29 5 acts			
16 38 (05 Coment 25 105 by no			
14 108 125			
How was seal placed: Method \(\begin{array}{c c c c c c c c c c c c c c c c c c c	(12) WELL LOG:		
How was seal placed: Method □A □B ▼C □D □E □ Other	Ground Elevation		
Backfill placed fromft_ toft. Material	Material From To SWL		
Gravel placed fromft. toft. Size of gravel	Tou 5011 0 8 -		
(6) CASING/LINER:	Ras was Sand		
Diameter From To Gauge Steel Plastic Welded Threaded	store 8 21-		
Casing: 6 42 38286	Brow- Clay 21 90 -		
14 25 10 PSOR 1 10 11	Steve		
	Brown Fractured		
	70501+ 90 100-		
Liner:	Hund Grey		
Drive Shoe used Inside Outside None	BeselH 800117 -		
Final location of shoe(s)	Ked, Brown		
(7) PERFORATIONS/SCREENS:	-Ghey Cindens		
[] Perforations Method	W/ white		
Screens TypeMaterial	10 mg (w/0) 117 125 74		
From To size Number Diameter size Casing Liner	Manual Reserve		
	Reselt 125 13077		
	10011		
(8) WELL TESTS: Minimum testing time is 1 hour	Date started 1 - 12 - 05 Completed [- (8 - 05		
Flowing	(unbonded) Water Well Constructor Certification:		
□ Pump □ Bailer □ Artesian	I certify that the work I performed on the construction, alteration, or abandon-		
	ment 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		
	Signed Date		
removatore of water Departmental from Found	(bonded) Water Well Constructor Certification:		
Was a water analysis done? Yes By whom	I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work		
Did any strata contain water not suitable for intended to the	performed during this time is in compliance with Oregon water supply well		
Estaty Estate Estate Estate	construction standards. This report is true to the best of my knowledge and belief.		
Depth of strata: FFR 1 7 2005	Signed Devel 1 1 18 05		
ORIGINAL - WATER RESOURCES DEP	OPY-CONSTRUCTOR SECOND COPY-CUSTOMEDWAD RECEIVED BY		
SALEM, OREGON	RECEIVED BY		

JAN 29 2014

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WELLLD.#L 72702 START CARD # 16913 /

Instructions for completing this report are on the last page of this form. O O Well Number (9) LOCATION OF WELL (legal description) (I) LAND OWNER County Hann 94 200. Tax Lot Address State C City Borns Township 1/4 (2) TYPE OF WORK New Well __ _ (degrees or decimal) ☐ Decpening ☐ Alteration (repair/recondition) ☐ Abandonment ☐ Conversion _____ (degrees or decimal) ___ __ or _ (3) DRILL METHOD Street Address of Well (or nearest address) Rotary Air Rotary Mud Cable Auger Cable Mud (10) STATIC WATER LEVEL (4) PROPOSED USE
☐ Domestic ☐ Community Date 4-30.06 __ ft. below land surface. ☐ Industrial 14 Irrigation ☐ Thermal ☐ Injection Livestock Other | ft. below land surface. Artesian pressure _ lb. per square inch (5) BORE HOLE CONSTRUCTION Special Construction. Yes ANO Depth of Completed Well 375 ft. (11) WATER BEARING ZONES Explosives used: Yes No Type Amount 349 Depth at which water was first found BORE HOLE SWI. SEAL Estimated Flow Rate Diameter From 500 18 $\square D$ How was scal placed: (12) WELL LOG Ground Elevation Other Pour Backfill placed from ft. to ft. SWL Gravel placed from Size of gravel (6) CASING/LINER Diameter From Tu Gauge Steel Plastic Welded Threaded 区 250 Drive Shoe used I Inside Outside None IAN 29 2014 Final location of shoe(s) (7) PERFORATIONS/SCREENS ☐ Perforations Method Screens Material . Type · Completed 4-30-06 Date Started From Slot Number Diameter Tele/pipe Casing Liner (unbonded) Water Well Constructor Certification Size I certify that the work I performed on the construction, deepening, alteration, or 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 _ (8) WELL TESTS: Minimum testing time is 1 hour Signed Pump ☐ Bailer Flowing Artesian Air Yield gal/min Drawdown Drill stem at (bonded) Water Well Constructor Certification Time 4 has I accept responsibility for the construction, deepening, alteration, or 550 200 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 Temperature of water ____ Depth Artesian Flow Found and belief. Was a water analysis done? Yes Yes Woom WWC Number Did any strata contain water not mitable for intended use? O Too little

| Salty | Mudd, | Selv | Solored | Other | Depth of strata:

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765)



WELLID.#L 72701
START CARD# / 6 9 / 3 /

Instructions for completing this report are on the last page of this form.	
(1) LAND OWNER Name A Well Number	(9) LOCATION OF WELL (legal description)
Address P.O. Box Qy C	County Have
City Burns State Or Zip 9 7 720	Township 200 Nor Bunge 30 (Ed W WM
	Section 3 4 S E 1/4 S W 1/4
(2) TYPE OF WORK Well	
☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment ☐ Conversion	Lat or (degrees or decimal)
(3) DRILL METHOD	Long or (degrees or decimal)
Rotary Air Rotary Mud Cable Auger Cable Mud	Street Address of Well (or nearest address) E - d of wear
Other	Springs Rd Burns, on 97720
	(10) STATIC WATER LEVEL
(4) PROPOSED USE	9 ft. below land surface. Date 4-300 Co
☐ Domestic ☐ Community ☐ Industrial ☐ Trigation ☐ Thermal ☐ Injection ☐ Livestock ☐ Other	The feet will be and surface. Thate / 300 %
☐ Thermal ☐ Injection ☐ Livestock ☐ Other	ft. below land surface. Date
(5) BORE HOLE CONSTRUCTION Special Construction: Yes No	Artesian pressure lb. per square inch Date
Depth of Completed Well 375 ft.	(11) WATER BEARING ZONES
Explosives used: Yes No Type Amount	Depth at which water was first found 3 4 9
BORE HOLE SEAL	
Diameter From To Material From 70 9 Sacks or Pounds	3 49 37/ SOO SWL
18 0 44 Bent 0 24 24	
14' 74 740	
12 240 375	
How was seal placed: Method A B C D E	
Pother Pour dow	(12) WELL LOG Ground Elevation
Backfill placed fromft. toft. Material	Material From To SWL
Gravel placed from ft. to ft. Size of gravel	Top Soil 0 3
(O CLOWICE WITH	Graders , 3 26 -
(6) CASING/LINER	Store /26 35
Diameter From To Gauge Steel Plastic Welded Threaded Casing: 14372 250 B Gauge Steel Plastic Welded Threaded	Brown Basalt
Casing: 7 +3 77 \ \(\sigma \) 0 0 0	W/Clay Sent
	1 Carda 35 349 -
Lincr:	
Lincr:	white Brown
	379 371 98
Drive Shoe used Inside Outside None	Green Clay 371 375 98
Final location of shoe(s)	
(7) PERFORATIONS/SCREENS	RECEIVED BY OWRD
Perforations Method	
Screens Type Material	Date Started \$9-2010 - 0 6 Completed 4 - 300 6
From To Slot Number Diameter Tele/plpe Casing Liner	
Size	(unbonded) Water Well Constructor Certification
	I certify that the work I performed on the construction, deepening, alteration, or abandon was death, well 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.
	nangar 1
	WWC Number Date
(8) WELL TESTS: Minimum testing time is 1 hour Sof Pump ☐ Bailer ☐ Air ☐ Flowing Artesian	Signed RECEIVED
Yield gal/min Drawdown Drill stem at Time	(bonded) Water Well Constructor Certification
550 102 200 462	I accept responsibility for the construction, deepening was ration for 2006
	abandonment work performed on this well during the construction dates reported above. All work performed during this time is in VATION 1880 (1990) The performed with the performed to the performed to the performed to the performance of the p
60	supply well construction standards. This report is true sale of the construction standards.
Temperature of water Depth Artesian Flow Found	and belief.
Was a water analysis done? Yes By whom O	WWC Number 1 & 2 1
Did any strata contain water not suitable for intended use?	WWC Number Date Date
Depth of strata:	Signed Daniel W. Lead
· ·	

	CA	
· mplaced	DN 51953 WELL LD, LABEL#1/1076	Page 1 of 1
, , IIA	10/6	572
WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210) 6.	START CARD # 1016 /18/2012 ORIGINAL LOG #	5768
(1) LAND OWNER Owner Well LD. FRT Replace		
First Name Last Name	(9) LOCATION OF WELL (legal descri	intion)
Company ACW	County HARNEY Twp 25.00 S N/S F	
Address PO BOX 3 City BURNS State OR Zip 97720	Sec 33 SW 1/4 of the SW 1/4	Tax Lot 2600
(2) TYPE OF WORK New Well Deepening Conversion	Tax Man Number	Lat
Alteration (complete 2a & 10) Abandonment(complete	Sa) Long " "or	DMS or DD
(2a) PRE-ALTERATION Dia + From To Gauge Stl Plstc Wld Thrd	Long o " or Street address of well Nearest address of well	DMS or DD
Casing:	29062 WEAVER SPRINGS RD	adress
Material From To Amt sacks/lbs	BURNS, OR. 97720	
(3) DRILL METHOD	(10) STATIC WATER LEVEL	
Rotary Air Rotary Mud Cable Auger Cable Mud	Date SV	WL(psi) + SWL(ft)
Reverse RotaryOther	Existing Well / Pre-Alteration Completed Well 6/1/2012	103
(4) PROPOSED USE Domestic X Irrigation Community	0/1/2012	y Hole?
Industrial/Commercial Livestock Dewatering	WATER BEARING ZONES Depth water was	s first found 103.00
Thermal Injection Other	SWL Date From To Est Flow	SWL(psi) + SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (Attach c	opy) 6/1/2012 103 185 1000	103
Depth of Completed Well 188.00 ft. BORE HOLE SEAL SEAL SEAL		
Di F T T	os l	
18 0 18 Bentonite Chips 0 18 35 S		
14 18 188		
	(11) WELL LOG Ground Elevation	
How was seal placed: Method A B C D E	Material	From To
XOther POURED & TAMPED Backfill placed from ft. Material	sandy loam	0 2
Filter pack from ft. to ft. Material Size	clay brown	8 30
Explosives used: Yes Type Amount	cinders multi colored	30 98
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	cinders red rock basalt black	98 108 108 137
Proposed Amount Actual Amount	cinders multi colored	137 175
(6) CASING/LINER	rock basalt black	175 185
Casing Liner Dia + From To Gauge Stl Plstc Wld Th	rd clay green	185 188
(a) 14 X 2 110 .250 (b) X	RECEIVED BY OWRD	
	RECEIVED BY	
Shoe Inside Outside Other Location of shoe(s)	JAN 2 9 2014	
Temp casing Yes Dia From To		
(7) PERFORATIONS/SCREENS	SALEM, OR	
Perforations Method		
Screens Type Material Perf/ Casing/Screen Scm/slot Slot # of Tele/	Date Started 5/29/2012 Complete	6/1/2012
Screen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certification	
	I certify that the work I performed on the construction abandonment of this well is in compliance with	on, deepening, alteration, or
	construction standards. Materials used and information	on reported above are true to
	the best of my knowledge and belief.	
(8) WELL TESTS: Minimum testing time is 1 hour	License Number Date	
Pump Bailer Air Flowing Artesian	Signed	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	(bonded) Water Well Constructor Certification	
500 188 1	I accept responsibility for the construction, deepening	g, alteration, or abandonment
	work performed on this well during the construction da	ites reported above. All work
Temperature 60 °F Lab analysis Yes By	performed during this time is in compliance with construction standards. This report is true to the best of	Oregon water supply well f my knowledge and belief
Water quality concerns? Yes (describe below) TDS amount	License Number 1424 Date 6/18/	
From To Description Amount Units	3,10	20.2
	Signed TIMOTHY K RILEY (E-filed) Contact Info (optional) rileywells@centurytel.net	
	(oparitar) may we make century to the	

HARN 51448 # 9

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.

WELLID.#L 93552

START CARD # 197372

Name RATTESNAKE CE LAND SCATTLE CO	(9) LOCATION OF WELL (legal description) County HARNEY Tax Lot 3600 Lot		
City HINES State OR Zip 91738	Township 2.5 No Skange 30 (For W WM		
(2) TYPE OF WORK Prow Well	Section 33 SW 1/4 SE 1/4		
Deepening Alteration (repair/recondition) Abandonment Conversion	Lat or (degrees or decimal) Long or (degrees or decimal)		
(3) DRILL METHOD PRotary Air Rotary Mud Cable Auger Cable Mud Other	Street Address of Well (or nearest address) WEAVER SPRINGS RO		
(4) PROPOSED USE ☐ Domestic ☐ Community ☐ Industrial ☐ Ifrigation ☐ Thermal ☐ Injection ☐ Livestock ☐ Other	(10) STATIC WATER LEVEL ft. below land surface. Date S - 0 2 - 08 pt. below land surface. Date		
(5) BORE HOLE CONSTRUCTION Special Construction: Yes You Depth of Completed Well 200 ft.	Artesian pressurelb. per square inchlb. Dateltl.) WATER BEARING ZONES		
Explosives used: Yes Pro Type Amount	Depth at which water was first found 107		
BORE HOLE Diameter From To Material From To Sacisfor Pounds 20" 0 20 Reutonis 0 20 56	From To Estimated Flow Rate SWL / 107 / 82 4600 + 84		
How was seal placed: Method A B C D E			
Dother Pour ED Dey	(12) WELL LOG Ground Elevation		
Backfill placed from	Material From To SWL		
(6) CASING/LINER	BROWN CLAM 3 12		
	SOFT BLACK LAVA 12 46		
Casing: 14" 12 92' 250 P	SOUT RED LAVA YL 107		
	FEACT, BOWN SOND STONE 148 164 86		
Liner:	Barry Sayson PD 124 182 86		
Drive Shoe used Inside Outside None Final location of shoe(s)	JAN 29 2014		
(7) PERFORATIONS/SCREENS	08		
Perforations Method	SALEM, OR		
Screens Type Material	Date Started 4-24-08 Completed 5-01-08		
From To Number Diameter Tele/pipe Casing Liner	(unbonded) Water Well Constructor Certification		
	I certify that the work I performed on the construction, deepening, alteration, or 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 1734 Date 5-02-08		
(8) WELL TESTS: Minimum testing time is 1 hour ☑ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian	Signed Charge Jag.		
Yield gal/min Drawdown Drill stem at Timp	(bonded) Water Well Constructor Certification		
4000 + 10' 2 h.	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		
Temperature of water 63° Depth Artesian Flow Found Was a water analysis done? Yes By whom	supply well construction standards. This report is true to the best of my knowledge and belief.		
Did any strata contain water not suitable for intended use?	WWC Number 1355 Date 5-02-08		
Salty Muddy Odor Colored Other RECEIVED Depth of strata:	Signed arthur I In		
MAY 0 7 2008			

WELL LABEL # L. 102536

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS \$37.765 & OAR 690-205-0210)

O Flowing Artesian

Signed

License Number 1424
Electronically Filed

Contact Info (optional)

Signed TIMOTHY K RILEY (E-filed)

(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.

Date 02-18-2011

Drill stem Pump depth Duration (hr)

145

() Air

°F Lab analysis Yes Ry

Yes (describe below)

Description

Other poured dr & tamped Backfill placed from _

Perf'S Casing/ Screen

Yield gal'min

Water quality concerns? From

2,800

Temperature 60

creen Liner

Pump

How was seal placed:

Filter pack from

O Bailer

Drawdown

02-18-2011

HARN 51765

Page 1 of 1

	START CARD # [1012414
(1) LAND OWNER Owner Well I.D. well 21	(9) LOCATION OF WELL (legal description)
First Name Andy Last Name Root	
Company ACW	County Hamey Twp 26.00 S N/S Range 30.00 E E/W W3
Address PO Box 3	See 3 NW 1/4 of the NW 1/4 Tax Lot 800 Tax Map Number Lot
City Bums State OR Zip 97720	
(2) TYPE OF WORK New Well Deepening Conversion Alteration (repair/recondition) Abandonment	Long or DD OMS or DD Street address of well Nearest address
(3) DRILL METHOD	29062 Weaver Spring Road
Rotary Air Rotary Mod Cable Auger Cable Mud	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
(1) PROPOSED LISE Dentis Ministra	Existing Well / Predeepening
(4) PROPOSED USE Domestic Virgation Community	Completed Well 02-11-2011 × 104
Industrial Commercial Livestock Dewatering	Flowing Artesian? Dry Hote?
Thermal Injection Other	WATER BEARING ZONES Depth water was first found
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy	SWL Date From To Est Flow SWL(psi) + SWL(ft)
Depth of Completed Well 167.00 ft.	02-11-2011 104 167 3.000
BORE HOLE SEAL sacks/	
Dia From To Material From To Amt Ibe	
18 0 18 Bentonite Chips 0 18 90 S	
14 18 167	
	(11) WELL LOG
low was seal placed: Method A B C D E	Citodia Elevation
	Material From To Topsoil sand loam
Other poured dr & tamped	Nand sinders
lackfill placed from ft. to ft. Material	Claverinders
	Pagit houlders
xploxives used: Yes Type Amount	Cinders 60 80 Cinders 80 95
6) CASING/LINER	Rock besalt black 95 140
Casing Liner Dia + From To Gauge Stl Plate Wid Thrd	Void 140 145
● C [4 🔀 1.5 60 .250 ● C 🖂	Cinders muti colored 145 160
	Rock broken loose and caving 160 167
	RECEIVED BY OWRD
	DECEIVED BY OVVII
Shoe Inside Outside Other Location of shoe(s)	HEULIT
Temp casing Yes Dia From To	0014
7) PERFORATIONS/SCREENS	JAN 29 2014
Perforations Method	
Screens Type Material	SALEM, OP
erf/S Casing/ Screen Scrn/slot Slot # of Tele/	
een Liner Dia From To width length alots pipe size	
	(unbonded) Water Well Constructor Certification
	I certify that the work I performed on the construction, deepening, alteration, or
	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.
WELL TRETS, Minimum and Control of the Control of t	de ever
) WELL TESTS: Minimum testing time is 1 hour	License Number Date
Pump Pailer Air Flowing Actorian	Electronically Filed

ORIGINAL - WATER RESOURCES DEPARTMENT

Amount Units

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS \$37.765 & OAR 690-205-0210)

02-18-2011

Page 1 of 1 WELL LABEL # L 102536 START CARD # 1012414

(I) LAND OWNER Owner Well LD well 21	(9) LOCATION OF WELL (legal description)
First Name Andy Last Name Root	County Harney Twp 26.00 S N/S Range 30.00 E E/W WN
Company ACW Address (V) Box 3	Sec 3 NW 1/4 of the NW 1/4 Tax Lot 800
City Burns State OR Zip 97720	Tax Map Number Lot DMS or DD
	Lat "u " or DMS or DD Long " o " or DMS or DD
(2) TYPE OF WORK New Well Deepening Conversion Alteration (repair/recondition) Abandonment	Street address of well (Nearest address
[Alteration (repair/recondition) Abandonment	
(3) DRILL METHOD Rotary Air Rotary Mud Cable Anger Cable Mud	29062 Weaver Spring Road
Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
(4) PROPOSED USE Domestic Irrigation Community Industrial Commercial Livestock Dewatering Themal Injection Other	Existing Well / Predeepening Completed Well
	WATER BEARING ZONES Depth water was first found
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy Depth of Completed Well 167.00 ft. SEAL sacks BORE HOLE SEAL sacks 18 0 18 18 0 18 90 S 18 0 18 167 Bentonite Chips 0 18 90 S	02-11-2011 104 167 3.000 104
	(I) WELL LOC
	(11) WELL LOG Ground Elevation
How was scal placed: Method A B C D E	Material From To
Other poured dr & tamped	Topsoil sand learn Q 1
Backfill placed from ft. to ft. Material Size	Clay einders 6 60
Explosives used: Yes Type Amount	Rock boulders 60 80
	Cindors 80 95 Rock besalt black 0s 140
(6) CASING/LINER Casing Liner Dis + From To Gauge Stl Plate Wid Thrd	1 22 1 40
● C 14 × 1.5 60 250 ● C ×	Cinders muti colored 145 160
	Rock broken loose and caving OWRD 160 167
	RECEIVED BY OWN
	RECEIVED
	JAN 29 7014
Shoe Inside Outside Other Location of shoe(s)	
Temp casing Yes Dia From To	MAY 1 2 2011
(7) PERFORATIONS/SCREENS	SALEM, OR WATER RESOURCES DEPT
Perforations Method	SALEM, OREGON
Screens Type Material	OACEM, OREGOIN
Perf'S Casing Sereen Series Slot # of Tele/ ereen Liner Dia From To width length slots pipe size	Date Started 02-03-2011 Completed 02-11-2011
The Fire Fig. 1 to Witte length 400 ppc size	(unbonded) Water Well Constructor Certification
	I certify that the work I performed on the construction, deepening, alteration, or
	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.
(8) WELL TESTS: Minimum testing time is 1 hour	License Number Date
Pump Bailer Air () Flowing Artesian	Electronically Filed
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed
2 800 2 145 5	(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
Femperature 60 "F Lab analysis Yes By	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.
Water quality concerns? Yes (describe below) From To Description Amount Units	License Number 1424 Date 02-18-2011
	Electronically Filed
	Signed TIMOTHY KRILEY (E-filed)
the second secon	Contact Info (optional)

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS \$37.765 & OAR 690-205-0210)

02-02-2011

1.1	Page 1 of
WELL LABEL# L	102534
START CARD#	1012337

(1) LAND OWNER Owner Well 1.1) 18	(9) LOCATION OF WELL (legal description)
First Name Andy Last Name Root	
Company ACW	County Harney Twp 26.00 S N/S Range 30.00 E E/W W3
Address 524 N Hwy 20 PO Box 3	Sec 3 NW 1/4 of the NW 1/4 Tax Lot 800
City Burns State Or Zip 97720	Tax Map Number Lot
Control of the contro	Lat 0 0 " or DMS or DD Long 0 0 " or DMS or DD
(2) TYPE OF WORK New Well Deepening Conversion	Long 0 DMS or DD
Alteration (repair/recondition) Abandonment	Street address of well (Nearest address
(3) DRILL METHOD Rotary Air Rotary Mud Cable Auger Cable Mud	29062 Weaver Springs Road
Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
(4) PROPOSED USE Domestic Irrigation Community	Existing Well / Predeepening
Industrial Commercial Livestock Dewatering	Completed Well 01-28-2011 X 104
Thermal Injection Other	Flowing Artesian? Dry Hote?
	WATER BEARING ZONES Depth water was first found 104
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy	SWL Date From To Est Flow SWL(psi) + SWL(ft)
Depth of Completed Well 195,00 ft.	01-28-2011 104 198 3,000
BORE HOLE SEAL sacks/	
Dia From To Material From To Amt (bs	
18 0 24 Bentonite 0 24 80 S	
14 24 145	
12 145 198	(11) WELL LOG Ground Flevation
How was scal placed: Method A B C D E	Growing Flevariori
	Material From To Topsoil sandy loam
Other Poured dry & tamp	Cinders and
Backfill placed from ft. to ft. Material Filter pack from ft. to ft. Material Size	Cinders
	Claveinlers
Explosives used: Yes Type Amount	Linders fine
(6) CASING/LINER	Rock black
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plste Wid Thrd	121 155 180 155 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 180 18
□ □ □ □ □ □ □	Rock black 180 187
O O THE TOTAL TOTAL TOTAL THE TOTAL	Cinders multi colored 187 195
D O TO TO THE SALL HI	Cobbles caving 195 198
	RECEIVED BY OWRD 195 198
O O O O O O O O O O O O O O O O O O O	TLOE!
Shoe Inside Outside Other Location of shoe(s)	
Т . П.	JAN 29 2014
(7) PERFORATIONS/SCREENS	
Perforations Method	SALEM. OF
Screens Type Material	
Perf/S Casing/ Screen Sern/slot Slot # of Tele/	Data Stantad
creen Liner Dia From To width length slots pipe size	Date Started 01-21-2011 Completed 01-28-2011
	(unbonded) Water Well Constructor Certification
	I certify that the work I performed on the construction, deepening, alteration, or
	abandonment of this well is in compliance with Oregon water supply well
	construction standards. Materials used and information reported above are true to
(O) MURCA TOROGEO NO	the best of my knowledge and belief
(8) WELL TESTS: Minimum testing time is 1 hour	License Number Date
Pump Railer Air Flowing Artesian	Electronically Filed
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed
2,800 5 145 6	(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
Temperature 60 °F Lab analysis Yes By	performed during this time is in compliance with Oregon water supply well
water quality contents: [] res (describe below)	construction standards. This report is true to the best of my knowledge and belief.
From To Description Amount Units	License Number 1424 Date 02-02-2011
	Electronically Filed
	Signed TIMOTHY K RILEY (E-filed)
	Contact Info (optional)
ORIGINAL - WATER RESOURCES DE THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTME	PARTMENT ENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version: 0.95

11-02-2011

Page	ī	of	i

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

STATE OF OREGON

WELL LABEL # L	107659	
START CARD#	1015160	

(1) LAND OWNER Owner Well I.D. Leathers Weaver Spr.	(9) LOCATION OF WELL (legal description)
First Name Last Name	County Harney Twp 25.00 S N/S Range 30.00 E E/W W
Company ACW	Sec 33 SF 1/4 of the NW 1/4 Tax Lot 2600
Address PO Box 3	Tay Man Number
City Burns State Or Zip 97720	1 of " " " " DMS DD
(2) TYPE OF WORK New Well Deepening Conversion	Long or DMS or DD
Alteration (repair/recondition) Abandonment	Street address of well • Nearest address
	29062 Weaver Springs Road
(3) DRILL METHOD Rotary Air Rotary Mud Cable Auger Cable Mud	Burns, Or. 97720
Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
	Date SWL(psi) + SWL(ft)
(4) PROPOSED USE Domestic Irrigation Community	Existing Well / Predeepening Completed Well
industrial/Commercial Livestock Dewatering	111-21-2011
Thermal Injection Other	Flowing Artesian? Dry Hole? WATER BEARING ZONES Depth water was first found 88
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy	
Depth of Completed Well 170.00 0	SWL Date From To Est Flow SWL(psi) + SWL(ft) 10-21-2011 88 170 1,000 88
BORE HOLE SEAL sacks/	
Dia From To Material From To Amt lbs	
18 0 18 Bentonite Chips 0 18 30 S	
14 18 170	
	(11) WELL LOG Ground Flevation
How was seal placed: Method A B C D E	Material From To
Other poured & tamped	Topsoil Sandy Loam 0 2
Backfill placed from ft. to ft. Material	Clay Sand 2 11
Filter pack from ft. to ft. Material Size	Clay Brown 11 32
Explosives used: Yes Type Amount	Clay Cinders Brown 32 49 Cinders Black 40
(6) CASING/LINER	Royk Basalt Black
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	165 170
● C 14 × 2 108 250 ● C ×	
	RECEIVED BY OWRD
	BECEIVED BY OVI
Shoe Inside Outside Other Location of shoe(s)	JAN 29 2014
Temp casing Yes Dia From To	JAN 20 2
(7) PERFORATIONS/SCREENS	
Perforations Method	SALEM, OR
Screens Type Material	
Perf/S Casing/ Screen Scrn/slot Slot # of Tele/	Date Started
creen Liner Dia From To width length slots pipe size	Date Started 10-18-2011 Completed 10-21-2011
	(unbonded) Water Well Constructor Certification
	I certify that the work I performed on the construction, deepening, alteration, or 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.
(8) WELL TESTS: Minimum testing time is 1 hour	License Number Date
Pump Bailer (e) Air Flowing Artesian	Electronically Filed
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed
1,000	(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
Temperature 59 °F Lab analysis Yes By	performed during this time is in compliance with Oregon water supply well
Water quality concerns? Yes (describe below) From To Description Amount Units	construction standards. This report is true to the best of my knowledge and belief.
From To Description Amount Units	License Number 1424 Date 11-02-2011 Electronically Filed
	Signed TIMOTHY K RILEY (E-filed)
	Contact Info (optional)
ORIGINAL - WATER RESOURCES DE	
THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTM	ENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version: 0.95

HARN 51445 # 13

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L 104470 START CARD# 189552

Instructions for completing this report are on the last page of this form.	DIANT CARD#							
(1) LAND OWNER Owner Well I.D.	(0) LOCATION OF WELL (1)							
First Name Company RaTTLE Small CVERK LOND XCATTELCO	(9) LOCATION OF WELL (legal description)							
Address 524 Hey 20	Sec 33 VE 1/4 of the NE 1/4 Tax Lot 3700							
City 111rc 5 State 1 Zip 9/335	Tax Map Number							
(2) TYPE OF WORK New Well Deepening Conversion	Tax Map Number Lot Lat ° "or DMS or DD Long ° "or DMS or DD							
Alteration (repair/recondition)	Long ODMS or DD							
(3) PRILL METHOD	Street Address of Well (or nearest address) No Alless 48819n-							
Rotary Air Rotary Mud Cable Auger Cable Mud	(10) STATIC WATER LEVEL							
(4) PROPOSED USE Domestic Trigation Community	Date SWL(psi) + SWL(ft)							
☐ Industrial/Commercial ☐ Livestock ☐ Dewatering ☐ Injection ☐ Thermal ☐ Other	Existing Well/Predeepening 2-4-68 92 Completed Well							
(5) BORE HOLE CONSTRUCTION Special Standard: Yes (attach copy)	Flowing Artesian? Yes Dry Hole? Yes WATER BEARING ZONES Depth water was first found							
Depth of Completed Well 280 ft.	WATER BEARING ZONES Depth water was first found							
BORE HOLE SEAL	SWL Date From To Est Flow SWL (psi) + SWL (ft)							
Dig From To Material From To Amount 1/1bs								
144 35 250 CTMENT C 35 14								
	(1) WELL LOC							
How was seal placed: Method □ A □ B 🛣 C □ D □ E	(11) WELL LOG Ground Elevation							
Other _	Material From To							
Backfill placed fromft. toft. Material	Sant grange 2 25							
Filter pack fromft. toft. MaterialSize	Black Surd STONE 15 90							
Explosives used: Yes Type Amount	Blam Clark 90 140							
(6) CASING/LINER	PUMIR X CIAY 140 190							
Csng Linr Dia + From To Gauge Steel Plastic Welded Thrd	Sang gravel 175 200							
X 10 + 0 35 .250 X X								
	RECEIVED RECEIVED BY OWRD							
	APR 2.8 2008 IAN 2.9 2014							
	APR 2 8 2008 JAN 2 9 2014							
Shoe Inside Outside Other Location of shoe(s)	WATER RESOURCES DEPT							
Temporary casing Yes Diameter From To	SALEM, OREGON SALEM, OR							
(7) PERFORATIONS/SCREENS								
Perforations Method	Date Started 1-27-08 Completed 2-10-8							
Screens Type Material	(unbonded) Water Well Constructor Certification							
	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well							
Screen slot Slot # of pipe	construction standards. Materials used and information reported above are true to							
Perf Scrn Csng Linr Dia From To width length slots size	the best of my knowledge and belief.							
AM	License Number Date							
	rate							
	Signed							
(8) WELL TESTS: Minimum testing time is 1 hour	(bonded) Water Well Constructor Certification							
Pump Bailer Air Flowing Artesian	l accept responsibility for the construction, deepening, alteration, or							
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water							
1000. 1201 4hr	supply well construction standards. This report is true to the best of my knowledge							
	and belief.							
T. (6'	License Number 16 5 4 Date 4-23 or							
Temperature Sc °F Lab analysis Yes By	Date Tourist Ituniba							
Water quality concerns? Yes (describe below) From To Description Amount Units	Signed Signed							
From To Description Amount Units	Contact Info. (optional)							

STATE OF OREGON

WELL I.D. LABEL# L 109033

WATER SUPPLY WELL REPORT			4	START CARD	# 101	7370	
(as required by ORS 537.765 & OAR 690-205-0210)	8/27/	2012	1	ORIGINAL LOG	-	T	
(1) LAND OWNER Owner Well I.D.		I					
First Name Last Name		(9) LOCAT	ΓIO	N OF WELL (legal	descr	intion)	
Company ACW				_ Twp 25.00 S) E EAVIDA
Address PO BOX 3				1/4 of the SE			
City BURNS State OR Zip 97720		Tax Man Numb	Jet.	1/4 of the <u>32</u>	- 1/4	Lot	2000
(2) TYPE OF WORK New Well Deepening Conver	rsion	Lat °	-	" or		1.00	DMS or DD
Alteration (complete 2a & 10) Abandonment(com	iplete 5a)	Long		" or			DMS or DD
Dia + From To Gauge Stl Plstc Wld Thrd		C St	reet	address of well	Vearest a	ddress	
Casing:				SPRINGS ROAD			
Material From To Amt sacks/lbs		BURNS, OR.					
Scal:		(10) 070 1701	~ ·	LAMBR LAWY			
(3) DRILL METHOD		(10) STATE	CY	VATER LEVEL Da	du 0	1177 / 3	1 01177 (0)
X Rotary Air Rotary Mud Cable Auger Cable Mud		Existing W	ell /	Pre-Alteration	1	WL(psi)	+ SWL(ft)
Reverse RotaryOther		Completed			2		94
(4) PROPOSED USE Domestic Irrigation Community				Flowing Artesian?		ry Hole?	
Industrial/Commericial Livestock Dewatering	- 1	 WATER BEARI	IN(i	ZONES Depth v	water wa	as first found	94.00
Thermal Injection Other		SWL Date	F	150 to 15			+ SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (Att	tach convi	[8/15/2012	_				
Depth of Completed Well 232.00 ft.	then etapy ,	8/15/2012	+	94 220	2000	+	94
BORE HOLE SEAL	sacks/		+	-+		+	
Dia From To Material From To Am			+-			 	
18 0 18 Bentonite Chips 0 18 27	7 S		+			†	1
14 18 232	\dashv						
	-	(II) WELL I	LO	G Ground Elevati	on		
How was seal placed: Method A B C D	E		Ma	terial		From	To
X Other POURED & TAMPED		topsoil sandy lo		torial		T 0	1 2
Backfill placed from ft. to ft. Material		clay cinders				2	8
Filter pack from ft. to ft. Material Size		clay brown				8	45
Explosives used: Yes Type Amount		cinders black				45	90
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	E	clay yellow	naer	\$		200	200
Proposed Amount Actual Amount		sandstone brown	n			205	212
(6) CASING/LINER		clay yellow				212	220
Casing Liner Dia + From To Gauge Stl Plate WI	ld Thid	clay blue				220	232
● ○ 14 × 2 94 .250 ● ○ ×							
		RECE	1	ED BY OWRD			+
							+
RAL-H-RAL	4 H II		144	2 9 2014			
Shoe I Incide Coutaids Cotton I section of shorts] [] [JAN	1 2 3 2014			
Shoe Inside Outside Other Location of shoe(s) Temp casing Yes Dia From To		ļ					+
			SA	LEM, OR			+
(7) PERFORATIONS/SCREENS Perforations Method	11						+
Screens Type Material	- i	Data Startade	112	2012 Com	mlata	0/15/2012	
Perf/ Casing/ Sereen Sern/slot Slot # of	Tele/	Date Starteds	0/13/	2012 Com	ipiete	8/15/2012	
Screen Liner Dia From To width length slots p				Well Constructor Certif			
		I certify that the	e wo	ork I performed on the c	onstruct	ion, deepen	ing, alteration, or
		construction star	ndar ndar	is well is in compliand ds. Materials used and in	ce with	Oregon w	above are true to
				ledge and belief.	ii o i i i i i	on reported	above the due to
		License Number	r	D	ate		
(8) WELL TESTS: Minimum testing time is 1 hour			_				
Pump Bailer Air Flowing Artes	sian	Signed					
_Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)		(bonded) Water	We	Il Constructor Certifica	tion		-
800 230		I accept respons	ibili	ty for the construction, d	leepenin	ig, alteration	n, or abandonment
	-	work performed	on th	nis well during the constru	uction d	ates reported	d above. All work
				nis time is in complian			
Temperature 60 °F Lab analysis Yes By				s. This report is true to the		•	eage and belief.
Water quality concerns? Yes (describe below) TDS amount From To Description Amount U	nits	License Number	142	24 D	ate 8/27	/2012	
		Signed TIMO	ТНУ	K RILEY (E-filed)			
		Contact Info (opt	tiona	1)			

STATE OF OREGON		HAR	N 51970	WELL	I.D. LABE.	L# 4111	173		
WATER SUPPLY WELL REPORT	416			ST.	ART CARE	# 102	0822		
(as required by ORS 537,765 & OAR 690-205-0210)	#15	9/2/	2013	ORIG	INAL LOC				
(1) LAND OWNER Owner Well I.D.	E		T						
First Name ANDY Last Name ROOT			(9) LOCATI	ON OF U	VELL Con	al dans			
Company ACW									
Address PO BOX 3			County HARNEY	Twp_	25.00 S	_N/S	Range 30.00	E	_ F/W W
City BURNS State OR Zip	97720		Sec 33 N	IE 1/4	of the SE	1/4	Tax Lot 26	500	
(2) TYPE OF WORK X New Well Deepening	ng Conv	ersion	Tax Map Numbe	·			Lot		D1 10 D7
Alteration (complete 2a & 10) A	bandonment(co	mplete 5a)	Lat	—,	" or			!	DMS or DD
(2a) PRE-ALTERATION	. 11/1.1 75 1							- 1	DMS or DD
Casing: To Gauge Stl Plste	Wid Inra		29062 WEAVE		f well	Nearest	address		
Material From To Amt sack:	s/lbu		BURNS, OR. 97		RD				
Seal: From 10 Aint Sack	5/108		BURNS, UR. 97	720					
(3) DRILL METHOD			(10) STATIC	WATER	LEVEL				
Rotary Air Rotary Mud Cable Auger	Cable Mud				I	Date S	WL(psi) +	. 8	WL(ft)
Reverse Rotary Other			Existing We		ation	T			T. Ditt
			Completed V		8/24/20				107
(4) PROPOSED USE Domestic X Irrigation			1	Flowin	g Artesian?	D	ry Hole?		
Industrial/Commercial Livestock Dewatering			WATER BEARIN	G ZONES	Depti	n water wa	as first found	107.	.00
Thermal Injection Other		_	SWL Date	From	То	Est Flow	SWL(psi)	+	SWL(ft)
(5) BORE HOLE CONSTRUCTION Special	Standard (A	ttach copy	8/24/2013	107	210		, ,	_	
Depth of Completed Well 310.00 ft.		(decir cop)	0/24/2013	107	310	1000	+	H	107
BORE HOLE SEAL	L	sacks/					+	H	
Dia From To Material From	To A						+	H	-
18 0 18 Bentonite Chips 0	18	19 S					 	H	
14 18 310								Ц	
	+		(11) WELL L	OC.					
					Ground Elevi	ation			
How was seal placed Method A B	C D L]E		Material			From		To
Backfill placed fromfl. tofl. Materia			sandy loam topso clay and cinders	ıtl			0	+	2
	C:		clay brown				8	+	8
Filter pack from ft. to ft. Material			cinders black				42	+-	135
Explosives used: Yes Type Amount			cinders multicolo	red			135	+	277
(5a) ABANDONMENT USING UNHYDRATED I	BENTONIT	E	sandstone brown				277	+	289
Proposed Amount Actual Amou	nt		cinders black				289		310
(6) CASING/LINER									
	Stl Piste V	Vld Thrd		= 00	OWRD				
 14 2 183 250 		X 🗌	DECEN	AED B.	011			-	
								-	
QQ	QQ			AN 29	7014			+	
Q Q	IQ QI	$\perp \mid \perp \mid$	1	AN 23				1	
Shoe Inside Outside Other Location				SALEM	OR				
Temp casing Yes Dia From	Τυ			SALLIN	•				
(7) PERFORATIONS/SCREENS								-	
Perforations Method									
Screens Type Materi			Date Started 8/2	22/2013	Co	mplete	8/24/2013		
	Slot # of	Tele/	(unbonded) Wet	an Wall Can					
Screen Liner Dia From To width le	ngth slots	pipe size	(unbonded) Wat I certify that the						laa.'
			abandonment of	this well i	s in complia	nce with	Oregon we	ıg, aı	teration, or
			construction stand						
			the best of my kno				F	out Till Ti	
			License Number			Date			
(8) WELL TESTS: Minimum testing time is 1 hour									
Pump Bailer () Air () Flowing Art	esian	Signed						
Yield gal/min Drawdown Drill stem/Pump depth	,	· · ·	(bonded) Water \	Well Comme	netor Co-ste	ention			
1000 300	l l	<u>- </u>					an alt		.ham.d
			I accept responsib work performed or						
			performed during						
Teroperature 59 °F Lab analysis Yes By			construction stand						
	nount		License Number			Date 9/2/		_	
Water quality concerns? Yes (describe below) TDS at Description		Units		1924		912	2013		
	1		Signed TIMOT	HY K RILE	Y (E-filed)				
			Contact Info (ontic						

ED

1 1 2022

TRANSFER MAP TO ACCOMPAN LICATION TO ADD POINTS OF APPROPRIATION FOR SILVER SAGE FARMS

C

TAX LOTS 2500, 2600, 3500, & 3600
IN SECTIONS 29, 32, 33, & 34, TOWNSHIP 25 SOUTH, RANGE 30 EAST, W.M.
& TAX LOTS 800 & 1300
IN SECTIONS 3, 4, & 5, TOWNSHIP 26 SOUTH, RANGE 30 EAST, W.M.
HARNEY COUNTY, OREGON 30 29 29 28 28 27 (28) 3000 (27) (29) 2700 SCALE 2600 20 NOT (1) 30) 30 29 31 32 29 28 (WEAVER SPRINGS ROAD) 2600 32 3300 (31 (2 (10) (3) (32 3700 601 2500 2501 601 2002 (9) (11) 17 (16) (12) #15 #14 (33) 31 32 3500 32 33 2002 5 L3 L1 (35) 8) 12 900 700 (15) 25) (13) (37) 800 (26) 1300 (24) 1300 (38) (18) (20) (19) #10 (HARN 51765) AUTHORIZED SOUTH & 415' EAST FROM THE ORNER SECTION 34. 1200 (39) (22) 1100 1000 1200 5 #14 (HARN 51871) AUTHORIZED 'SOUTH & 870' WEST FROM THE ORNER SECTION 33. 21) 1000 4 12 #15 (HARN 51970) AUTHORIZED ' SOUTH & 920' WEST FROM THE ORNER SECTION 33. 1200 7 #16 (HARN 52121) AUTHORIZED NORTH & 1605' WEST FROM THE ORNER OF SECTION 29. (5) (6 #17 (HARN 52154) AUTHORIZED SOUTH & 440' EAST FROM THE ORNER SECTION 34. 2900 2300

#18 (HARN 52170) AUTHORIZED NORTH & 1630' WEST FROM THE DRNER OF SECTION 29.

#21 (HARN 52590) PROPOSED ORTH & 1230' WEST FROM THE SE ER OF SECTION 29.

#22 WELL #22 (HARN 52591) PROPOSED 850' NORTH & 1635' WEST FROM THE SE CORNER OF SECTION 29.

OWNER'S PIVOT NUMBE



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

02-18-2011

Page 1 of 1 WELL LABEL # L 102536 START CARD # 1012414

	Selection Meanure (Management of the Management
(I) LAND OWNER Owner Well 1.D. well 21	(9) LOCATION OF WELL (legal description)
First Name Andy Last Name Root	
Company ACW	County Harney Twp 26.00 S N/S Range 30.00 E E/W WN
Address PO Box 3	See 3 NW 1/4 of the NW 1/4 Tax Lot 800 Lot
City Burns State OR Zip 97720	Lat 60 DMS or DD
(2) TYPE OF WORK New Well Deepening Conversion	Long ° 0 " or DMS or DD
Alteration (repair/recondition) Abandonment	Street address of well Nearest address
(3) DRILL METHOD	29062 Weaver Spring Road
Rotary Air Rotary Mud Cable Anger Cable Mud	(10) CTATIC WATER I BURI
Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
(4) PROPOSED USE Domestic Irrigation Community	Existing Well / Predeepening
Industrial Commercial Livestock Dewatering	Completed Well 02-11-2011 104
Thermal Injection Other	Flowing Artesian? Dry Hote?
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy	WATER BEARING ZONES Depth water was first found
Depth of Completed Well 167.00 ft.	THE STEEL ST
DODE HOLE	02-11-2011 104 167 3,000 104
Dia From To Material From To Amt Ibs	
18 0 18 Bentonite Chips 0 18 90 S	
14 18 167	
	(11) WELL LOG
How was seal placed: Method A B C D E	Ground Elevation
	Material From To Topsoil sand loam 0
Other poured dr & tamped Backfill placed fromft. toft. Material	Nand sindays
	Clay rinders
Explosives used: Yes Type Amount	Rock boulders 6 60 80
	Cindors 80 95
(6) CASING/LINER	Rock besalt black 95 140
Casing Liner Dia + From To Gauge Stl Plste Wld Thrd	Void 140 145 Cinders muti colored 145
14 1.5 60 .250	Rock broken loave and eaving
	160 167
KAHAH KAHAI	
8 d d d d d d d d d d d d d d d d d d d	RECEIVED
Shoe Inside Outside Other Location of shoe(s)	a visit fit house it had been
	MAY 1 2 20:1
7) PERFORATIONS/SCREENS	
Perforations Method	WATER RESOURCES DEPT
Screens Type Material	SALEM, PREGON
C(0 (0) 10	
rerf/S Casing/ Screen Sern/slot Slot # of Tele/ reen Liner Dia From To width length slots nine size	Date Started 02-03-2011 Completed 02-11-2011
reen Liner Dia From To width length slots pipe size	
	(unbonded) Water Well Constructor Certification I certify that the work I performed on the construction, deepening, alteration, or
	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.
B) WELL TESTS: Minimum testing time is 1 hour	License Number Date
Pump Bailer Air Flowing Artesian	Electronically Filed
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed
2,800 2145 6	(bonded) Water Well Constructor Certification
	I accept responsibility for the construction, deepening, alteration, or abandonment
emperature 60 °F Lab analysis Yes By	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.
	License Number 1424 Date 02-18-2011 Electronically Filed
	Signed TIMOTHY K RILEY (E-filed)
	Contact Info (national)

HARN 51765

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

Explosives used: Yes

Perf/S Casing/ Screen

Water quality concerns? From

Temperature 60

creen Liner

Pump

How was seal placed:

Filter pack from

02-18-2011

Page 1 of 1

	START CARD # 1012414
(1) LAND OWNER Owner Well 1.D. well 21	(0) I OCATION OF WELL (Land Land Co.)
First Name Andy Last Name Root	(9) LOCATION OF WELL (legal description)
Company ACW	County Harney Twp 26.00 S N/S Range 30.00 E E/W V
Address PO Box 3	T
City Burns State OR Zip 97720	Lat 0 "or DMS or D
(2) TYPE OF WORK New Well Deepening Conversion	Long 0 "or DMS or D
Alteration (repair/recondition) Abandonment	Street address of well Nearest address
(3) DRILL METHOD	29062 Weaver Spring Road
Rotary Air Rotary Mud Cable Auger Cable Mud	(10) 0/11/11/11/11/11/11/11/11/11/11/11/11/11
Reverse Rotary Other	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
(4) PROPOSED USE Domestic Irrigation Community	Existing Well / Predeepening
Industrial/ Commercial Livestock Dewatering	Completed Well 02-11-2011 104
Thermal Injection Other	Flowing Artesian? Dry Hole?
	WATER BEARING ZONES Depth water was first found
(5) BORE HOLE CONSTRUCTION Special Standard Attach ed	py) SWL Date From To Est Flow SWL(psi) + SWL(ft)
Depth of Completed Well 167.00 ft.	02-11-2011 104 167 3,000
BORE HOLE SEAL sac Dia From To Material From To Amt III	
18 0 18 Bentonite Chips 0 18 90 3	
	(11) WELL LOG Ground Elevation
low was seal placed: Method A B C D E	Material From To
Other poured dr & tamped	Topsoil sand loam 0 1
Backfill placed fromft. toft. Material	Sand einders
'ilter pack from fl. to fl. Material Size	Clay cinders 6 60
xplosives used: Yes Type Amount	Rock boulders 60 80
	Cinders 80 95 Rock besalt black 95
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plste Wld Thr	Void 92 140
● ○ 14 × 1.5 60 .250 ● ○ ×	Cinders muti colonyl
	Rock broken loose and caving 145 160 167
8 8 H H B B B B B B B B B B B B B B B B	
Shoe Inside Outside Other Location of shoe(s)	
7) PERFORATIONS/SCREENS	
Perforations Method	
60 0 : 10	
ert/S Casing/ Screen Scrn/slot Slot # of Tele/ reen Liner Dia From To width length slots pipe size	Date Started 02-03-2011 Completed 02-11-2011
	(unbonded) Water Well Constructor Certification
	I certify that the work I performed on the construction, deepening, alteration, or
	abandonment of this well is in compliance with Oregon water supply wel
	construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
B) WELL TESTS: Minimum testing time is 1 hour	
	License Number Date
Pump Bailer Air Flowing Artesian	Electronically Filed Signed
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	
2,800 2 145 6	(bonded) Water Well Constructor Certification
	I accept responsibility for the construction, deepening, alteration, or abandonmen
emperature 60 °F Lab analysis Yes By	work performed on this well during the construction dates reported above. All wor performed during this time is in compliance with Oregon water supply we
emperature 60 °F Lab analysis Yes By Vater quality concerns? Yes (describe below)	construction standards. This report is true to the best of my knowledge and belief.
From To Description Amount Units	5 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
51110	License Number 1424 Date 02-18-2011 Electronically Filed

WELL LADEL # L 102524

Signed TIMOTHY K RILEY (E-filed)

Contact Info (optional)

STATE OF OREGON

HARN 51871

START CARD# 1

	Page 1 of 1
09033	
017370	

TATE OF OREGON	
VATER SUPPLY WELL RE	EPORT
as required by ORS 537.765 & O	OAR 690-205-0210)

(as required by ORS 537.765 & OAR 690-205-0210)	8/27/	2012	ORIGINAL LOC	3#		
(1) LAND OWNER Owner Well I.D.						
First Name Last Name		(9) LOCATI	ON OF WELL (leg	al descr	ription)	
Company ACW Address PO BOX 3	_		Twp 25.00 S			E E/W WN
City BURNS State OR Zip 97720	-	Sec 33 N	E 1/4 of the SE	1/4	Tax Lot 26	500
(2) TYPE OF WORK New Well Deepening Conversion	=	Tax Map Numbe	r " or " or" or " or " or" or " or" or		Lot	
Alteration (complete 2a & 10) Abandonment(complete	on ete 5a)	Lat°	or		200000000000000000000000000000000000000	DMS or DD
(2a) PRE-ALTERATION	cic saj	Long°_	' or			DMS or DD
Dia + From To Gauge Stl Plstc Wld Thrd Casing:		Conc	et address of well	Nearest a	address	
Casing:		BURNS, OR.	R SPRINGS ROAD			
Seal:		BORNS, OR.				
(3) DRILL METHOD		(10) STATIC	WATER LEVEL			
X Rotary Air Rotary Mud Cable Auger Cable Mud		Enistin - Wei		Date S	WL(psi) +	SWL(ft)
Reverse Rotary Other		Completed V	Il / Pre-Alteration Vell 8/15/20	012	—— -	94
(4) PROPOSED USE Domestic X Irrigation Community			Flowing Artesian?	7 D	ry Hole?	94
Industrial/Commericial Livestock Dewatering		WATER BEARIN	IG ZONES Deptl			94 00
Thermal Injection Other		SWL Date			SWL(psi)	
(5) BORE HOLE CONSTRUCTION Special Standard (Attack	h oonu)				J W L(psi)	
Depth of Completed Well 232.00 ft.	п сору)	8/15/2012	94 220	2000	-	94
DODE HOLE	sacks/					
Dia From To Material From To Amt					+	
18 0 18 Bentonite Chips 0 18 27 14 18 232 32 32 33 33 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34	S					
14 10 232	-					
		(11) WELL L	OG Ground Elev	ation		
How was seal placed: Method A B C D E		1	Material		From	То
X Other POURED & TAMPED		topsoil sandy loar	n		0	2
Backfill placed from ft. to ft. Material		clay cinders clay brown			8	8
Filter pack from ft. to ft. Material Size		cinders black			45	45 90
Explosives used: Yes Type Amount Amount		multi colored cine	ders		90	200
(5a) ABANDONMENT USING UNHYDRATED BENTONITE		clay yellow			200	205
Proposed Amount Actual Amount		sandstone brown			205	212
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld		clay yellow clay blue			212	220
Casing Liner Dia + From To Gauge Stl Plstc Wld \bullet 14 \times 2 94 .250 \bullet \times	Thrd				220	232
	H					
	H					
Shoe Inside Outside Other Location of shoe(s)	_					
Temp casing Yes Dia From To	_					
(7) PERFORATIONS/SCREENS Perforations Made at						
Perforations Method Material	ľ	Data Startade/1	12/2012 Co	mulata	0/15/2012	
	ele/				8/15/2012	
Screen Liner Dia From To width length slots pipe	e size		er Well Constructor Cer			
	$-\parallel$	abandonment of	work I performed on the this well is in complia	construct	tion, deepenir	ng, alteration, or
	$-\parallel$	construction stand	dards. Materials used and	informat	ion reported a	above are true to
		the best of my known	owledge and belief.			
		License Number		Date		
(8) WELL TESTS: Minimum testing time is 1 hour		Signed				
Pump Bailer • Air Flowing Artesian	n	Siglicu				
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	,	(bonded) Water V	Well Constructor Certific	cation		
800 230	- 1	I accept responsib	pility for the construction.	, deepenir	ng, alteration,	or abandonment
	1	work performed or	n this well during the cons this time is in complia	truction d	ates reported	above. All work
Temperature 60 °F Lab analysis Yes By	-	construction stand	ards. This report is true to	the best	of my knowle	dge and belief
		License Number		Date 8/27	5	
Water quality concerns? Yes (describe below) TDS amount Prom To Description Amount Units	S	_		8/2	112012	
	- 1		HY K RILEY (E-filed)			
	+ $ $	Contact Info (option	onal)			

STATE OF OREGON

HARN 51970

START CARD# ORIGINAL LOG #

		ceme	•	~.	_	
11173						
020822						

SWL(psi) +

Est Flow SWL(psi) + SWL(ft)

From

8

42

135

277

289

Dry Hole?

1000

Page 1 of 1

DMS or DD

SWL(ft)

107

8

42

135

277

289

310

WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210) 9/2/2013 (1) LAND OWNER Owner Well I.D. First Name ANDY Last Name ROOT (9) LOCATION OF WELL (legal description) Company ACW County HARNEY Twp 25.00 S N/S Range 30.00 E E/W WM Address PO BOX 3 Sec 33 NE 1/4 of the SE 1/4 Tax Lot 2600 City BURNS Zip 97720 State OR Tax Map Number (2) TYPE OF WORK New Well Deepening Conversion Alteration (complete 2a & 10) | Abandonment(complete 5a) (2a) PRE-ALTERATION Street address of well Stl Plstc Wld Thrd Nearest address Gauge 29062 WEAVER SPRINGS RD \bigcirc Material BURNS, OR. 97720 From Amt sacks/lbs Seal: (3) DRILL METHOD (10) STATIC WATER LEVEL X Rotary Air Rotary Mud Cable Auger Cable Mud Date Existing Well / Pre-Alteration Reverse Rotary Other Completed Well 8/24/2013 (4) PROPOSED USE Domestic X Irrigation Community Flowing Artesian? Industrial/ Commericial Livestock Dewatering WATER BEARING ZONES Depth water was first found 107.00 Thermal Injection Other SWL Date From To (5) BORE HOLE CONSTRUCTION Special Standard (Attach copy) 8/24/2013 107 310 Depth of Completed Well 310.00 ft. **BORE HOLE** SEAL sacks/ Dia From Material From To Amt lbs 18 18 Bentonite Chips 19 14 18 310 (11) WELL LOG Ground Elevation How was seal placed: Method A Material X Other POURED & TAMPED sandy loam topsoil Backfill placed from _ ft. to _____ ft. Material clay and cinders Filter pack from _____ ft. to ____ ft. Material ____ clay brown cinders black Explosives used: Yes Type_____ Amount cinders multicolored (5a) ABANDONMENT USING UNHYDRATED BENTONITE sandstone brown Proposed Amount Actual Amount cinders black (6) CASING/LINER Casing Liner From To Gauge Plstc Wld Thrd 14 X 183 250 Inside Outside Other Location of shoe(s) Temp casing Yes Dia_ From_ (7) PERFORATIONS/SCREENS Perforations Method Screens Type ___ Material Date Started8/22/2013 Complete 8/24/2013 Perf/ Casing/ Screen Scrn/slot Slot # of Tele/ (unbonded) Water Well Constructor Certification Screen Liner To From width slots pipe size length I certify that the work I performed on the construction, deepening, alteration, or 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. License Number (8) WELL TESTS: Minimum testing time is 1 hour Signed O Pump Air (Bailer Flowing Artesian Drawdown Drill stem/Pump depth Duration (hr) Yield gal/min (bonded) Water Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or abandonment °F Lab analysis Yes By_ Temperature 59 License Number 1424 Water quality concerns? Yes (describe below) TDS amount Amount Units Description

Signed TIMOTHY K RILEY (E-filed) Contact Info (optional)

STATE OF OREGON HAR	N 521	121	WEL_	.D. LABE	L# L 11	6668	ragerori
WATER SUPPLY WELL REPORT			STA	ART CARI) # 10)24513	
(as required by ORS 537.765 & OAR 690-205-0210) # 1	10/27	//2014	ORIG	INAL LOC	G #		
(1) LAND OWNER Owner Well I.D.							
First Name ANDY Last Name ROOT Company ACW		(9) LOCAT	ION OF W	ELL (leg	al desc	cription)	
Address P.O BOX 326		County HARNEY	Y Twp 2	25.00 S	N/S	Range 30.00	E E/W WM
City BURNS State OR Zip 97720		Sec 29 N	NE 1/4 o	of the SE	1/4	Tax Lot 26	500
(2) TYPE OF WORK New Well Deepening Conv		Tax Map Numbe	er			Lot	
Alteration (complete 2a & 10) Abandonment(co	ersion implete 5a)	Lat°_	'	or			DMS or DD DMS or DD
(2a) PRE-ALTERATION	mipiete suj	Long°_	'"	or			DMS or DD
Dia + From To Gauge Stl Plstc Wld Thrd Casing:							
Casing:		29062 WEAVE	R SPRINGS I	LN. BURNS,	OR.977.	20	
Seal:							
(3) DRILL METHOD		(10) STATIC	WATER	LEVEL			
Rotary Air Rotary Mud Cable Auger Cable Mud				Ι	Date	SWL(psi) +	SWL(ft)
Reverse Rotary Other			ell / Pre-Altera Well		2014		
(4) PROPOSED USE Domestic X Irrigation Community		Completed	Flowing	10/21/2 3 Artesian?	7 1	Dry Hole?	92
Industrial/ Commercial Livestock Dewatering		WATER DEADI		_			105.00
Thermal Injection Other		WATER BEARIN SWL Date					
		ſ	From	То	Est Flo	w SWL(psi)	+ SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (A	Attach copy)	10/23/2014	105	385	3500		92
BORE HOLE SEAL	sacks/						
Dia From To Material From To A		-					
24 0 54 Bentonite Chips 0 5054 6	61 S					-	H
20 54 332							
12 332 385		(11) WELL L	.OG	C- 1 E1-			
How was seal placed: Method A B C D	JE		Material	Ground Eleva	ation —	From	T.
X Other POURED DRY		Top Soil	Material			0	To 3
Backfill placed from 50 ft. to SY ft. Material BENTON	JITE	Tan Clay and Cir				3	20
Filter pack from ft. to ft. Material Size		Black sand & Cir				20	39
Explosives used. Yes Type Amount		Black Cinder Sto				39	185
(5a) ABANDONMENT USING UNHYDRATED BENTONIT		Cinder stone w/g Broken cinder sto		rs		218	330
Proposed Amount Actual Amount		Broken Basalt	one			330	385
(6) CASING/LINER							
Casing Liner Dia + From To Gauge Stl Plstc V	Wld Thrd						
● 20 × 2 54 .250 ● ○	X X	REC	EIVED !	SA OME	3D_	-	-
16 X 25 332 250 O	\times					+	-
8-81-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	$\dashv \vdash \vdash \vdash$		DEC 03	2014		1	
	$\dashv HI$		DLC 00	7014			
Shoe Inside Outside Other Location of shoe(s)						-	
Temp casing Yes Dia From To			SALEM	. ÓA		-	
(7) PERFORATIONS/SCREENS							
Perforations Method Factory							
Screens Type Material	-	Date Started 10	0/1/2014	Co	mnlete	e 10/21/2014	
Perf/ Casing/ Screen Scrn/slot Slot # of	Tele/						
Screen Liner Dia From To width length slots Perf Liner 16 192 332 .125 3 8512	pipe size	(unbonded) Wat					
10 172 332 .123 3 8312		I certify that the abandonment of	f this well is	in complia	ance wi	th Oregon wa	ng, afteration, or iter supply well
		construction stan	dards. Mater	ials used and	informa	ation reported a	above are true to
		the best of my kn					
		License Number	1739		Date	10/27/2014	
(8) WELL TESTS: Minimum testing time is 1 hour		Signed CHAR	LES M FRY	(E 61-4)			
Pump Bailer Air Flowing Art	- 1						
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr 2500 16 160 8)	(bonded) Water					
2500 16 160 8		I accept responsi					
		work performed of performed during					
Temperature 58 °F Lab analysis Yes By		construction stand	dards. This re	port is true to	the bes	t of my knowle	edge and belief.
	Units				-		
		Signed ARTHI					
		Contact Info (opti	ional)				
ODICINAL WATER DEG	OL TO CEC DE	DADTI (EVE					

CT LTF OF OPPICAL			WELL OF LIBERTAL		Page 1 of 1
STATE OF OREGON	HARN	52154	WELLO. LABEL#1	116674	
WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210)	, 5	3/1/2015	START CARD #	1025480	
		3/1/2015	ORIGINAL LOG #		
(1) LAND OWNER Owner Well I.D. Last Name					
Company RATTLESNAKE CREEK, LAND AND CATTLE CO.		()) LOCA	TION OF WELL (legal of		
Address 524 N. HWY 20		County HARN	EY Twp 26.00 S N	/S Range_30.00	EE/W WM
City HINES State OR Zip 9772	20	Sec 3	NW 1/4 of the NW	1/4 Tax Lot 800)
(2) TYPE OF WORK New Well Deepening	Conversion	Tax Map Num	ber " or	Lot	
Alteration (complete 2a & 10) Abandor	nment(complete	5a) Lat	or		DMS or DD
(2a) PRE-ALTERATION Dia + From To Gauge Stl Plste Wld	T11	Long	reet address of well Ne		DMS or DD
Casing: Gauge Sti Piste Wid			ER SPRINGS RD. BURNS. OR		
Material From To Amt sacks/lbs		28700 WEAV	ER STRINGS RD. BURINS, OR	**	
Seal:					
(3) DRILL METHOD		(10) STATI	C WATER LEVEL		
Rotary Air Rotary Mud Cable Auger Cabl	le Mud	Existing U	Vell / Pre-Alteration Date	SWL(psi) +	SWL(ft)
Reverse Rotary Other		Completed			132
(4) PROPOSED USE Domestic X Irrigation Con	nmunity		Flowing Artesian?	Dry Hole?	132
Industrial/ Commericial Livestock Dewatering		WATER READ	ING ZONES Depth wa		
Thermal Injection Other		SWL Date		TOTAL TRANSPORT OF THE PARTY OF	L GUIT (A)
	rd (Attach c	_	FIOII 10 EST	Flow SWL(psi)	+ SWL(ft)
Depth of Completed Well 225.00 ft.	rd [[](Attach c	(2/11/2015)	132 225 1	200	132
BORE HOLE SEAL	sac	ke/			
D' E E	To Amt II	Marie Company of the			
	5 108 S				
12 196 225 Calcul	lated 92.04				
Calcul	lated	(11) WELL	LOG Complete		
How was seal placed: Method A B C			Ground Elevation Material		
XOther POURED DRY		Cinders and sar		From	To 50
Backfill placed from55 ft. to ft. Material CEN	MENTING BAS	cemented cinde		50	198
Filter pack from ft. to ft. Material		Broken Basalt		198	225
Explosives used: Yes Type Amount		_			
(5a) ABANDONMENT USING UNHYDRATED BENT		-			
Proposed Amount Actual Amount	ONITE				
(6) CASING/LINER					
C ' T' D' -	Plstc Wld Th	rd			
● 16 X 2 196 .250 ●		ï II———			
		j			
Q = Q = Q]			
	AHF				
Shoe Inside Outside Other Location of shoe					
Temp casing Yes Dia From T	0				
(7) PERFORATIONS/SCREENS					
Perforations Method <u>Factory</u> Screens Type <u>Material</u>		D . C 1			
Perf/ Casing/ Screen Scrn/slot Slot	# of Tele/	_ Date Started	1/26/2015 Comp	leted <u>2/11/2015</u>	
Screen Liner Dia From To width length	slots pipe siz	e (unbonded) W	ater Well Constructor Certific		
Perf Casing 16 156 196 .125 3	2368	I certify that th	e work I performed on the con	struction, deepening	g, alteration, or
		abandonment of	of this well is in compliance indards. Materials used and info	with Oregon wate	r supply well
		the best of my k	mowledge and belief.	ormation reported ab	ove are true to
		License Numbe		e 3/1/2015	
(8) WELL TESTS: Minimum testing time is 1 hour			1739	3/1/2013	1
	wing Artesian	Signed CHA	RLES M FRY (E-filed)		
	ation (hr)	(bonded) Water	r Well Constructor Certificatio		
1200 200	2		sibility for the construction, dee		an alaam d
		work performed	on this well during the construct	ion dates reported a	hove All work
		performed durin	ng this time is in compliance	with Oregon water	r supply well
Temperature 70 °F Lab analysis Yes By		construction star	ndards. This report is true to the	best of my knowledg	ge and belief.
Water quality concerns? Yes (describe below) TDS amount From To Description An		_ License Number	1355 Date	3/1/2015	
From To Description Air	nount Units		HID I EDII (E GI II))
		Contact Info (op	tional)		

STATE OF OREGON	HARN	52170	WELLD. LABEL# L	7161	
WATER SUPPLY WELL REPORT			START CARD # 10	25710	
(as required by ORS 537.765 & OAR 690-205-0210)	4/14/	/2015	ORIGINAL LOG #		
(1) LAND OWNER Owner Well I.D.					
First Name ANDY Last Name ROOT		(9) LOCAT	TION OF WELL (legal desc	cription)	
Company ACW		I	EY Twp 25.00 S N/S		E E/W WN
Address P.O.BOX 326 City BURNS State OR Zip 97720			NE 1/4 of the SE 1/4		
(2) TYPE OF WORK New Well Deepening Convergence C	ersion	Tax Map Num	ber	Lot	
Alteration (complete 2a & 10) Abandonment(complete 2a & 10)		Lat	ber" or		DMS or DD
(2a) PRE-ALTERATION	inplete 3a)	Long	or "		DMS or DD
Dia + From To Gauge Stl Plste Wld Thrd		0 3	rect address of well (Nearest	address	
Casing: To Amt sacks/lbs		29062 WEAV	ER SPRINGS LN. BURNS, OR.		
Material From To Amt sacks/lbs					
(3) DRILL METHOD		(10) STATI	C WATER LEVEL		
Rotary Air Rotary Mud Cable Auger Cable Mud			Date	SWL(psi) +	SWL(ft)
Reverse Rotary Other			/ell / Pre-Alteration		
		Completed	1/2/2013		92
(4) PROPOSED USE Domestic XIrrigation Community Industrial/ Commercial Livestock Dewatering				Dry Hole?	
Thermal Injection Other		WATER BEAR	ING ZONES Depth water v	was first found _	170.00
		SWL Date	From To Est Flow	w SWL(psi)	+ SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (A	ttach copy)	4/3/2015	170 310 1000		92
Depth of Completed Well 525.00 ft.					
BORE HOLE SEAL Dia From To Material From To An	sacks/				
	nt lbs				
	9.8				
		(11) WELL	1.00		
Calculated	_	(11) WELL	Ground Elevation		
How was seal placed: Method A B C D	E	[· · ·	Material	From	То
Other POURED DRY Backfill placed from 45 ft. to 47 ft. Material CEMENTING	GBASK	Top Soil Tan Clay and C	C. 1	0	2
Filter pack from ft. to ft. Material Size	O DASK	cemented cinde		30	30 170
			emented cinders	170	236
Explosives used: Yes Type Amount		cemented cinde		236	310
(5a) ABANDONMENT USING UNHYDRATED BENTONIT	E		emented cinders	310	415
Proposed Amount Actual Amount		green clay		415	525
(6) CASING/LINER					
Casing Liner Dia + From To Gauge Stl Plstc W					
(a) 16 X 2 236 .250 (b) (c)	꼭 닏ㅣ				
	$\dashv H I$				
	$\exists \ \exists \ \exists$				
	$\exists \ \exists \ \exists$				
Shoe Inside Outside Other Location of shoe(s)					
Temp casing Yes Dia From To					
7) PERFORATIONS/SCREENS					
Perforations Method	_				
Screens Type Material		Date Started3	3/9/2015 Complete	ed 4/3/2015	
Perf/ Casing/ Screen Scrn/slot Slot # of Screen Liner Dia From To width length slots	Tele/	(unbonded) W	ater Well Constructor Certification		
Screen Liner Dia From To width length slots	pipe size		e work I performed on the construction		g alteration or
		abandonment of	of this well is in compliance wit	h Oregon wat	er supply well
		construction sta	ndards. Materials used and informa	tion reported al	bove are true to
			nowledge and belief.		
		License Numbe	1739 Date	4/14/2015	
8) WELL TESTS: Minimum testing time is 1 hour		Signed CHA	DIEC MEDWE CL. D		
Pump Bailer • Air Flowing Arte			RLES M FRY (E-filed)		
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)		(bonded) Water	Well Constructor Certification		
700 200 2			sibility for the construction, deepen		
		work performed	on this well during the construction	dates reported	above. All work
Towards (7 OF Laboratoria DV D		construction star	ng this time is in compliance with adards. This report is true to the best	n Oregon water	er supply well
Temperature 67 °F Lab analysis Yes By Water quality concerns? Yes (describe below) TDS amount				15.7	ge and bellet.
Water quality concerns? Yes (describe below) TDS amount From To Description Amount to	Units	License Number	1355 Date 4/1	14/2015	
		Signed ARTH	IUR L FRY (E-filed)		
			tional)		
		1			

STATE OF OREGON	HARN	52590		D. LABE		963	rage rorr
WATER SUPPLY WELL REPORT	40/4	10.04.5		ART CAR		1827	
(as required by ORS 537.765 & OAR 690-205-0210) 19 (1) LAND OWNER Owner Well LD	10/4/	/2016	ORIG	GINAL LO	G#		
(1) LAND OWNER Owner Well I.D. First Name ANDY Last Name ROOT		(0) 1 0 0 1 7			0.70	12 12 150	
Company ACW		(9) LOCAT					
Address P.O BOX 326							E/W WM
City BURNS State OR Zip 97720		Sec 29 S	or 1/4	of the SE	1/4	Tax Lot	2600
(2) TYPE OF WORK New Well Deepening Conve	ersion	Tax Map Number	-,	" or		Lot	DMS or DD
Alteration (complete 2a & 10) Abandonment(cor	mplete 5a)	Long	,	" or			DMS or DD
Dia + From To Gauge Stl Plste Wld Thrd		€ Str	eet address o	f well	Nearest	address	
Casing: Material From To Amt sacks/lbs Seal:		29062 WEAVE	ER SPRINGS	LN. BURNS	OR. 9772	0	
(3) DRILL METHOD		(10) STATIO	WATER	LEVEL			
Rotary Air Rotary Mud Cable Auger Cable Mud Reverse Rotary Other			ell / Pre-Alter			WL(psi)	+ SWL(ft)
(4) PROPOSED USE Domestic X Irrigation Community				ig Artesian?	D	ry Hole?]
Industrial/Commericial Livestock Dewatering		WATER BEARD				as first found	140.00
Thermal Injection Other	_	SWL Date	From	То			+ SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (A	ttach copy)	10/2/2016	140			T (F5.)	
Depth of Completed Well 340.00 ft.		10/2/2010	140	318	1000		111
BORE HOLE SEAL	sacks/						1
Dia From To Material From To An 26 0 38 Bentonite Chips 0 38 8							
	8						
12 311 340		(11) WELL I	OC				
Calculated	_	(11) WELL I	JUG	Ground Elev	ation		
How was seal placed: Method A B C D	_JE	sandy soil	Material			From	То
Backfill placed from ft. to ft. Material		black cinders				2	17
Filter pack from ft. to ft. Material Size	57	soft brown cinde	rstone			17	140
Explosives used: Yes Type Amount		black cinderstone		sand		140	290
(5a) ABANDONMENT USING UNHYDRATED BENTONIT.	TF	basalt with grey	clay			290	340
Proposed Amount Actual Amount	-						
(6) CASING/LINER							
Casing Liner Dia + From To Gauge Stl Plstc W	/ld Thrd						
②	\subseteq \square \mid						
12 X 3 311 .250 O							
	+HI						
	$\dashv H \mid$						
Shoe Inside Outside Other Location of shoe(s)							
Temp casing Yes Dia From To							
(7) PERFORATIONS/SCREENS							
Perforations Method Factory	_						
Screens Type Material Perf/ Casing/ Screen Scrn/slot Slot # of	Tele/	Date Started 8/	18/2016	Cc	mpleted	10/4/2016	
G V: D:	pipe size	(unbonded) Wa	ter Well Con	structor Cei	tification		
Perf Liner 12 211 311 .093 3 1700		I certify that the	work I perf	ormed on the	construc	tion, deepen	ing, alteration, or
		abandonment of	this well i	s in compli	ance with	Oregon w	ater supply well above are true to
		the best of my kn	owledge and	belief.	ППОППас	ion reported	above are true to
		License Number	1739		Date 1	0/4/2016	
(8) WELL TESTS: Minimum testing time is 1 hour		C: 1			_		
Pump Bailer • Air Flowing Arte	esian	Signed CHAR	LES M FRY	(E-filed)			
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	_	(bonded) Water	Well Constr	uctor Certifi	cation		
500 500 3	_	I accept responsi	bility for the	construction	, deepenir	ng, alteration	n, or abandonment
	-	work pertormed of	on this well di	uring the cons	struction d	Oregon	l above. All work ater supply well
Temperature 65 °F Lab analysis Yes By		construction stand	dards. This re	eport is true to	the best	of my knowl	edge and belief.
		License Number			Date 10/		<i>5-</i>
	nits	-			10/4	1/2010	
			UR L FRY (E				
		Contact Info (opti	onal)				

Page 1 of 1 WELL J. LABEL# L 122964 STATE OF OREGON HARN 52591 WATER SUPPLY WELL REPORT START CARD# 1032027 (as required by ORS 537.765 & OAR 690-205-0210) 10/4/2016 ORIGINAL LOG# (1) LAND OWNER Owner Well I.D First Name ANDY Last Name ROOT (9) LOCATION OF WELL (legal description) Company ACW County HARNEY Twp 25.00 S N/S Range 30.00 E Address P.O BOX 326 Sec 29 SE 1/4 of the SE 1/4 Tax Lot 2600 City BURNS State OR Zip Tax Map Number X New Well (2) TYPE OF WORK Deepening DMS or DD Alteration (complete 2a & 10) Abandonment(complete 5a) (2a) PRE-ALTERATION DMS or DD Stl Plste Wld Thrd Street address of well Nearest address Gauge Casing: 29062 WEAVER SPRINGS LN. BURNS OR. 97720 Material From To Amt sacks/lbs Seal: (3) DRILL METHOD (10) STATIC WATER LEVEL Rotary Air | Rotary Mud | Cable | Auger | Cable Mud SWL(psi) SWL(ft) Existing Well / Pre-Alteration Reverse Rotary Other Completed Well 10/3/2016 (4) PROPOSED USE Domestic X Irrigation Community Flowing Artesian? Dry Hole? Industrial/ Commericial Livestock Dewatering WATER BEARING ZONES Depth water was first found 155.00 Thermal Injection Other SWL Date From To Est Flow SWL(psi) + SWL(ft) (5) BORE HOLE CONSTRUCTION Special Standard (Attach copy) 10/3/2016 155 330 2500 116 Depth of Completed Well 330.00 ft. BORE HOLE **SEAL** sacks/ Dia From Material From To Amt lbs 249 0 Bentonite Chips 48 12 249 330 Calculated 74 (11) WELL LOG Calculated Ground Elevation How was seal placed: Method A B CD Material From To X Other POURED DRY sandy soil 0 2 ft. Material CEMENTING BASK Backfill placed from ___48 ft. to ____49 brown sand and cinders 2 38 Filter pack from ____ __ ft. to ft. Material brown einder stone 38 155 brown clay and fractured cinder stone 155 Explosives used: Yes Type___ 330 (5a) ABANDONMENT USING UNHYDRATED BENTONITE Proposed Amount Actual Amount (6) CASING/LINER Dia Casing Liner From To Gauge Plstc Wld Thrd 16 \times 249 250 Inside Outside Other Location of shoe(s) Temp casing Yes Dia From (7) PERFORATIONS/SCREENS Perforations Method_ Screens Type _ Material Date Started9/1/2016 Completed 10/3/2016 Perf/ Casing/ Screen Scrn/slot Slot # of Tele/ (unbonded) Water Well Constructor Certification Screen Liner Dia From To width slots pipe size length I certify that the work I performed on the construction, deepening, alteration, or 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. License Number 1739 Date 10/4/2016 (8) WELL TESTS: Minimum testing time is 1 hour Signed CHARLES M FRY (E-filed) O Pump (Bailer (Air Flowing Artesian Drawdown Drill stem/Pump depth Duration (hr) Yield gal/min (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

Amount Units

°F Lab analysis Yes By_

Yes (describe below) TDS amount

Temperature 65
Water quality concerns?
From To

License Number 1355

Contact Info (optional)

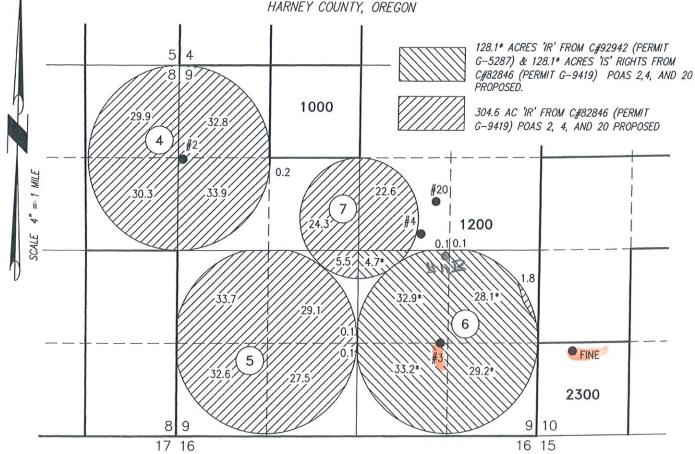
Signed ARTHUR L FRY (E-filed)

construction standards. This report is true to the best of my knowledge and belief.

Date 10/4/2016

MAP TO ACCOMPANY APPLICATION TO CHANGE PLACE OF USE & POINTS OF APPROPRIATION FOR RATTLESNAKE LAND & CATTLE

TAX LOT 1200 MAP 26S 30E 0000 & HARNEY COUNTY, OREGON





RENEWAL DATE: 12/31/2018

THIS MAP IS FOR THE PURPOSE OF LOCATING A WATER RIGHT ONLY AND HAS NO INTENT TO PROVIDE LEGAL DIMENSIONS OR THE LOCATION OF PROPERTY LINES.

WELL #2

(MALH 2324) LOCATED IN THE SW 1/4 NW 1/4 SECTION 9, T26S R30E, W.M. AND 1330' SOUTH AND 65' EAST FROM NW CORNER.

WELL #3

● (HARN 1330) LOCATED IN THE SW 1/4 SE 1/4 SECTION 9, T26S R30E, W.M. AND 1306' NORTH AND 1416' WEST FROM SE CORNER.

FINE WELL

(HARN 1332) LOCATED IN THE SW 1/4 SW 1/4 SECTION 10, T26S R30E, W.M. AND 1200' NORTH AND 500' EAST FROM SW CORNER. WELL #4

(HARN 1331) LOCATED IN THE SW 1/4 NE 1/4 SECTION 9, T26S R30E, W.M. AND 2407' SOUTH AND 1732' WEST FROM NE CORNER.

WELL #20

(HARN 52457) LOCATED IN THE SW 1/4 NE 1/4 SECTION 9, T26S R30E, W.M. AND 1975' SOUTH AND 1525' WEST FROM NE CORNER.

PROJECT No. 16-125

PREPARED AT THE REQUEST OF:

RATTLESNAKE LAND & CATTLE 524 HWY 20N HINES, OR 97738



P.O. BOX 767
TERREBONNE, OREGON 97760
(541) 548-5833 PH
Scott@APEandS.com
www.APEandS.com

NOTICE TO WATER WELL CONTRACTOR The original and first copy of this report are to be filed with the	BE BARRE CE ED	2	1	
WATER RESOURCES DEPARTMENT.	FOREGON FEB 1 1 1981 State Well No	962	130	<u>e-899</u>
within 30 days from the date of well completion NATER RESOURCES (DER write	above WATER RESOURCES But Permit		. 57-	2011
DALEM CRECON	SALEM, ORLGON IV	Jerk	A	54)
(I) OWNER.	(10) LOCATION OF WELL:			
Name ALDRICH RENCHES	County MolHeur Driller's well	number	2	
Address POBOX 393 BURNS ORP	NE 14 NE 14 Section 8 T. 265	R. 30	PE	W.M.
(2) TYPE OF WORK (check):	Bearing and distance from section or subdivi	sion corne	er	
New Well to Beauty 5				and the same of th
New Well Deepening Reconditioning Abandon Labeled Abandon Labeled Based Abandon Labeled Based Ba				
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL: Completed v	vell.		
Bury to Driven D	Depth at which water was first found		18	SO It.
Cable	Static level 5 ft. below land	surface.	Date /	1-18-80
The state of the s	Artesian pressure lbs. per squa	re inch.	Date	,
(5 CASING INSTALLED: Threaded Welded Welded	(12) WELL LOG: Diameter of well	below car	sing /	3/2
1211 Lbild Cfrom 42 tt to -358 ft Gage 250	Depth drilled 400 ft. Depth of comp		-	o ft.
" Diam. fromft. toft. Gage	Formation: Describe color, texture, grain size	and struc	tune of	
PERFORATIONS: Perforated? Yes D.No.	and show thickness and nature of each stratu with at least one entry for each change of forms position of Static Water Level and indicate pri	um and a	quifer p	enetrated,
Type of perforator used	MATERIAL	From	То	SWL
Size of perforations in. by in.	CLZY	0	20	- SWL
perforations from ft. to ft.	CINDERS		58	
perforations from ft. to ft.	CLZY + GRAVEL	58	130	
perforations fromft. toft.	BLZCH BESALT W/ SS	130	180	150
(7) SCREENS: Well screen installed? Yes No	BROWN 11 55	180	240	
Manufacturer's Name	BROWN " GREEN SS	240	270	
Type Model No.	BROWN & GREEN SS		345	750
Diam. Slot size Set from ft. to ft.	Black w GROED SS		360	
Diam Slot size Set from ft. to ft.	BLECK BROKEN HOD BLECK BESELT	1	380 400	1000+
(WELL TESTS: Drawdown is amount water level is		300	400	-
West a numb test made of the	mP OF THE			
Was a pump test made? Yes No If yes, by whom? For Supply Yield: 2600 gal./min, with 104 ft drawdown after 11 hrs	NEGELVE II			
Yield: 2,600 gal./min. with 104 ft. drawdown after 4 hrs.	000011000			
" " "				
" " "	WATER RESOURCES DEPT			2
Baller test gal./min. with ft. drawdown after hrs.	SALEM, OREGON			
Artesian flow g.p.m.				70
Perature of water 56 Depth artesian flow encountered ft.	Work started 1/-/7 1980 Complete	ed 1/-	18	19 80
(9) CONSTRUCTION:	Date well drilling machine moved off of well	11-1	8	1980
Well seal-Material used PORTLAND COMENT	Drilling Machine Operator's Certification:			
Well sealed from land surface to	This well was constructed under my Materials used and information reported	direct	super	vision.
Diameter of well bore to bottom of seal 1912 in. Diameter of well bore below seal 12 in.	best knowledge and beliefy	above at	ie uiue	to my
Number of sacks of cement used in well seal 15	[Signed] (Drilling Machine Operator)	Date //	124	1980
How was cement grout placed? TRemie	Drilling Machine Operator's License No	//3	86	
A state of the sta	entry to provide the first to the total or the second that		.,	
	Water Well Contractor's Certification:			F
Was a drive shoe used? ☐ Yes ☐ No Plugs Size: location ft.	This well was drilled under my jurisdic true to the best of my knowledge and belie	ction and	this re	port is
Did any strata contain unusable water? Yes No	Name Jarry Bur Will Du	lling	In	
There are successful.	(Person, firm or corporation)		e or print	
Method of sealing strata off	Address 3543 Sw Dougla	5. j. 12	NDLI	cTOU
	[Signed] Lang Burd	***************		
	(Water Well Contra			C.
(USE ADDITIONAL SHE	Contractor's License No. 544 Date	1-24		1996
	non-carbatate)		8Pa	45658-119

NOTICE TO WATER WELL CONTRACTOR

MALH 2324



Application for Well ID Number

Do not complete if the well already has a Well I.D Number.

I.	OWNER INFORMATION		
Current	Owner Name <i>(please print)</i> : Rattlesnake Land and C	Cattle, LLC	
Mailing	Address: 524 Hwy 20N		
	e, Zip: Hines, OR 97738	and confidence the tell supposed, program community may be a compact register of process community to the	
•	o send Well I.D. Tag: same		
City, Sta	e, Zip:		
II.	WELL INFORMATION (Do not complete this section	on if the wall was at its start 1 at 1	
	26 (North/South) Range: 3		c . 9
		SW (East/West)	
	County Harney dress of Well, City: Weaver Springs Road, Burns,	Market Control of the	1/4_NW1/4
	time the well was constructed, (if known): Leo Sulliva		s
If the pro	perty had a different street address in the past:		
Use of W Date We	Constructed: Named Well 1 on Final Proof of permit Committee Commi	oring): irrigation 400' Casing	
SUBMIT	TED BY (please print): Scott Montgomery		
PHONE:	541-548-5833	FAX: 541-585-4602	
Send app	cation to Oregon Water Resoureces Department; 725 plications are processed and Well I.D. Numbers are ma	Summer St NE, Suite A; Salem, C	Oregon 97301-1266; fax (503) 986-
		regon Water Resources Departme	
		Log Number: Wel	1 Identification #: L-114133
		RECE	IVED BY OWRD

.

WCC

MALH 2324

EXHIBIT A-1

RECEIVED

JUL 291981

WATER RESOURCES DEPT SAMEMI OREGON

MALH 2324

Well No.

Diameter:
 Depth:
 Amount and type
 of casing:

Estimated depth to water table: Driller: Pump and motor:

Diameter:
Depth:
Amount and type
of casing:

Estimated depth
to water table:
Driller:
Pump and motor:

Diameter:
Depth:
Amount and type
of casing:

Estimated depth
to water table:
Driller:
Pump and motor:

Diameter:
Depth:
Amount and type
 of casing:
Estimated depth
 to water table:
Driller:
Pump and motor:

Diameter:
Depth:
Amount and type
of casing:
Estimated depth
to water table:
Driller:
Pump and motor:

16 inch 400 feet

16 inch to 18 feet 12 inch to 358 feet (all steel)

70 feet Larry Burd Well Drilling, Inc. Johnson pump, 150 h.p. Newman motor

16 inch 275 feet

MALH 2325

16 inch to 20 feet 14 inch to 140 feet (all steel)

70 feet Larry Burd Well Drilling, Inc. Gould pump and 100 h.p. Newman motor

14 inch 272 feet

14 inch to 264 feet (all steel)

70 feet Western Water Wells, Inc. Gould pump and 125 h.p. Newman motor

estimated 12 inches estimated 300 feet

estimated 200 feet of steel casing

90 feet Unknown (drilled by previous owner) Gould pump and 200 h.p. Newman motor

estimated 12 inches estimated 200 feet

estimated 200 feet steel casing

estimated 90 feet Unknown (drilled by previous owner) Gould pump and 100 h.p. Newman motor

Application No. G-10268
Permit No. G 9419

1 - Exhibit A-1

WATER WELL REPORT STATE OF OREGON

RECLEMEDSO

JUN 3 1981

WATER RESOURCES DEPT

State Permit No.

SALEM, OREGON (1) OWNER: (10) LOCATION OF WELL: Name Leo Sullivan County Address 19101 Suncrest Ave. State Ore. 97068 City West Linn (2) TYPE OF WORK (check): New Well & Deepening [Reconditioning Abandon If abandonment, describe material and procedure in Item 12. (3) TYPE OF WELL: (4) PROPOSED USE (check): Rotary Air 🛛 Driven Domestic ☐ Municipal ☐ Industrial Rotary Mud 🗆 Dug Irrigation Test Well Other Thermal: ☐ Reinjection Withdrawal (5) CASING INSTALLED: Steel Plastic Threaded Welded . 250 Ti. Gauge LINER INSTALLED: (6) PERFORATIONS: Perforated? ☐ Yes ⊠ No Type of perforator used Size of perforations in. by perforations from ft. to ft. perforations from ft. to ft. (7) SCREENS: Well screen installed? ☐ Yes M No Manufacturer's Name Type Model No. Diam. Slot Size Set from ft. to ft. Slot Size Set from ft. to ft. Drawdown is amount water level is lowered (8) WELL TESTS: below static level Was a pump test made? Yes No If yes, by whom? gal./min. with ft. drawdown after Air test gal./min. with drill stem at hrs. Bailer test gal/min. with 0 ft. drawdown after 1 sian flow g.p.m. 53* erature of water Depth artesian flow encounteredft. (9) CONSTRUCTION: Special standards: Yes 🗆 No 🎩 Well seal—Material used Cement Grout Well sealed from land surface to20 Diameter of well bore to bottom of seal 8 in

County		rney		-	Dril		ll numb		3	
SE	1/4	SE	4 Section	9	T.	26S	R.	30E		W.M.
Tax Lot #	¥			Lot		Blk		Subdivisi	on	
Address a	at we	ll location	on:							
(11) W	AT	ER I	EVEL:	Com	ple	ted v	vell.			
			vas first fou			23D				£4
Static lev		44	7ttb 111 St 10tt	iiu _			land my	face. Date	5-	17-8
Artesian		ıre						re inch. Da		17-0
			<u> </u>			-		10		
(12) W		L LU 31					casing			
Depth dri			olor, texture		ft. L	epth of	comple	ted well	312	ft.
for each of	and hang	nature of e of for	f each strat mation. Rep water-beari	um and ort eac	aqui:	er pene	etrated	with at los	act one	onter
		1	MATERIAL				From	То	T s	WL
Brown	Sa	ndst	one			-	0	105		
			ndstone				105	155	_	
Green				-			155	270		
			g Brwn	Cla	v		270	298	_	
Hard						•	298	312	_	
	-						1270	032		
TEMP	ORA	RY A	BANDONI	1ENT						
						-			_	
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Y 1		E 4				`-				
Work start		5-1	ine moved of	9 81		mplete		-17		9 81
					-		-17		. 1	9 81
This	well	was co	perator's nstructed rted above	under	my d	irect s	upervis est kno	sion. Mate	erials nd be	used lief.
Signed]	2	M	og Machine C	W	N		Da	te 6-1	, 19	.81
Orilling N	Mach		erator's Lie		Vо	1	461			
Vater W	ell C	ontra	ctor's Cer	tificat	ion:	-				
This he best o	well of my	was di know	rilled unde ledge and	er my j belief.	uriso					ue to
VameO.r.	vai.	LBu	kner	lell.	Dri	1111	ng]	nc		
Address .	1.68	6-14y	E. NEg	IS.Wa	12			Ore.		7.56
Signed]	7		mild			Contract				
Contracto	r's L	icense	No60)8Da	ıte	6	1		, 19	.8.1.

Plugs Size: location ft.

Size of gravel:

How was cement grout placed? Pressure Grouted..... Was pump installed? NO Type HP Depth ft.

depth of strata

Was a drive shoe used? ☐ Yes ₺ No

Was well gravel packed? ☐ Yes 🖾 No

Type of Water?

Method of sealing strata off

Did any strata contain unusable water? ☐ Yes 🔯 No

Gravel placed from ft. to ft.



Application for Well ID Number

Do not complete if the well already has a Well I.D Number.

I. OWNER INFORMAT	TION				
Current Owner Name (please pr.					
Mailing Address: 524 Highway	y 20 North				
City, State, Zip: Hines, OR 977					
Address to send Well I.D. Tag:	Same as above				
City, State, Zip:					
II. WELL INFORMATIO	IN (Do not complete this sec	tion if the well non on	4 in _44 l _ d \		
Township: 26S	(North/South) Panga	30E		ection: 9	
Tax Lot:	(North/South) Kange.	SE	_(East west) S	ection:	1/4
Tax Lot:Street Address of Well, City: W	Locarding Sources	D1 8	9777		1/4
Owner at time the well was const	rusted Getramo, Leo Sull	ivan	34 111120		
If the property had a different stre					
if the property had a different sur	et address in the past.				
Use of Well (domestic, irrigation Date Well Constructed: 5/17/81 Other Information: Well 3, HAR	Total Well Dept	nitoring): Irrigation	Casing Di		
	Denise Montgomony All I	Points Engr 9 Sun	oving Inc		
SUBMITTED BY (please print):	Denise Worligothery, All I	5/1 50F	eying, inc		
PHONE: 541-548-5833		FAX: 341-360) -4 002		
Send application to Oregon Wate 1902. Applications are processed	Resoureces Department; 72 and Well I.D. Numbers are	5 Summer St NE, Su mailed every Wednes	ite A; Salem, Ore sday.	gon 97301-1266;	fax (503) 986-
	For Official Use Only by the				
Received Date:		Il Log Number:	Well		entification #:
2-20-14	_ <u>HA</u>	RN 1330			14134
			RECEIVE	D BY OWRD	

Last Update: 9/24/13

Well I.D. Number/1

FEB 20 2014

WCC

NOTICE TO WATER WELL CONTRACTOR The original and first copy of this report are to

Type of water?

Method of sealing strata off

Was well gravel packed? Yes No

Gravel placed from ft. to

depth of strata

Size of gravel:

KATER WELL REPORT

	State	Well	No.	261	30	-10	CC
١							

filed with the STATE OF OREGON STATE ENGINEER, SALEM, (Please type or print) within 30 days from the date not write above this line) State Permit No. TATE ENGINEES of well completion BALEM, OREGON (1) OWNER: (11) LOCATION OF WELL: Driller's well number Name ection 10 T. 2 6 SR. 30 F Address Bearing and distance from section or subdivision corner (2) TYPE OF WORK (check): New Well Deepening [Reconditioning [Abandon [If abandonment, describe material and procedure in Item 12. (3) TYPE OF WELL: (4) PROPOSED USE (check): (12) WELL LOG: Diameter of well below casing ... Rotary Driven | Domestic | Industrial | Municipal | Jetted [Cable Depth drilled ft. Depth of completed well Dug Bored [Irrigation Test Well Other Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated,) CASING INSTALLED: Threaded | Welded | with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rates. ..." Diam. from ft. to MATERIAL (6) PERFORATIONS: Perforated? | Yes | No. pe of perforator used Size of perforations in. by perforations from ft. to perforations from ft. to perforations from ft. to _ perforations from ft. to perforations from ft. to ... (7) SCREENS: Well screen installed? ☐ Yes ☐ No Manufacturer's Name ... Diam. Slot size Set from the ft to Diam. Slot size Set from ft. to ... (8) WATER LEVEL: Completed well. Static level ft. below land surface Date sian pressure lbs. per square inch Date Drawdown is amount water level is lowered below static level (9) WELL TESTS: Was a pump test made? Yes No If yes, by whom? gal./min. with ft. drawdown after Date well drilling machine moved off of well Drilling Machine Operator's Certification: This well was constructed under my direct supervision. Mate-Bailer test gal./min. with ft. drawdown after hrs. rials used and information reported above are true to my best Artesian flow knowledge and belief. g.p.m. Date Temperature of water 🕽 Was a chemical analysis made? 🗌 Yes [Signed] Date .. (Drilling Machine Operator) (10) CONSTRUCTION: Drilling Machine Operator's License No. Well seal-Material used Water Well Contractor's Certification: This well was drilled under my jurisdiction and this report is Diameter of well bore to bottom of seal Of 18 in. true to the best of my knowledge and belief. Were any loose strata cemented off? Yes No Depth Was a drive shoe used? ☐ Yes ☐ No Did any strata contain unusable water?

Yes

No

> Date Contractor's License No. 2.2.

ORIGINAL File Original and Duplicate with the STATE ENGINEER, SALEM, OREGON		ELL REPORT	State Well No	~	
(1) OWNER:		(11) WELL TESTS:	Drawdown is	No. 363 amount water lev	
Name Cack . San	venner	Was a pump test made?	lowered below	z static level	er 10
Address 8.5 7 7/6 # St.				drawdown after	hna
Takerrew Ose.		"	"	"	hrs.
(2) LOCATION OF WELL:	27.	13	27	,,	"
7/	mber, if any None	Bailer test gal./mi	n. with ft. c	drawdown after	hrs.
, , , , , , , , , , , , , , , , , , , ,	26.5 R. 30 Eas N.M.	Artesian flow	g.p.m. Dat	е	
Bearing and distance from section or subdivision	on corner	Temperature of water	Was a chemical an	alysis made? 🔲 }	res No
116 feet sweeth an	ed 83 feet	(12) WELL LOG:	District	//	
South of East one	- guarter	Depth drilled 2/2	Diameter of ft. Depth of com	, .	inches.
	/				O ft.
		Formation: Describe by coshow thickness of aquifers stratum penetrated, with a	and the kind and no	iture of the mater	icture, and ial in each
			ERIAL		1
TYPE OF WORK (check):		Sandy 1	to the second second second	FROM	TO
	ditioning	Dive SHa	/	0	10
If abandonment, describe material and procedu		Cinder		10	120
(A) PROPOGER TICTLE		Ginder)	120	2/2
	(5) TYPE OF WELL:		4 /44	-	
stic Industrial Municipal	Rotary Driven Cable Jetted				
1r _ition ☑ Test Well □ Other □	Dug Bored				
(6) CASING INSTALLED: Three	eaded Welded		71,040		-
"Diam. from Q ft. to	eaded Welded				
"Diam. from ft. to	ft Cage		17.		
	ft Cage				
	The Gage		SINVINO		
(7) PERFORATIONS: Perf	forated? Yes No	17/201	PINELLI		
Type of perforator used		- DEC	17 1957		
	in,	STATE	CNICINIT		
perforations from		SALEM	TIMEES		
perforations from			DREGON	- 0	
perforations from		150			
perforations fromperforations from	NAME OF TAXABLE PARTY O				
periorations from	It. to ft.				
CREENS: Well screen ins	stalled Yes INO				
cturer's Name	and the second of the second o				
туреМо				,	- 50
Diam. Slot size Set from		:7			
Slot size Set from	ft. to ft.	Work started Nov. 7	19.5,5 Comple	ted April	1956
ONSTRUCTION:		(13) PUMP:	_		
well gravel packed? Yes No Size	of gravel:	Manufacturer's Name	2 some	mahama	- /
Gravel placed from ft. to		Type: Sur bond	and the	assing	
Was a surface seal provided? 🗌 Yes 🗎 No To	o what depth? ft.			н.Р.	
Material used in seal—	- Cara Comp	Well Driller's Statement:	Unovalla	ble at thi	s time
Did any strata contain unusable water? Yes		This well was drilled	under my jurisdi	ction and this r	report is
Type of water? Depth of si	trata	true to the best of my know	owledge and belie	f.	
Method of sealing strata off		NAME James	5 DUNA		
(10) WATER LEVELS:		1/11/11	m, or corporation)	(Type or print	t)
Static level 6.5 ft. below land s	urface Date	Address ASUTN	2,01060	1//	
Artesian pressure <u>Ibs. per squa</u>	are inch Date	Driller's well number	· ·		
Log Accepted by:					
1	8/ 40.	[Signed]	(Well Driller)		
[Signed] (Jack d. Jawenne te	Nov 30 , 1956	License No.	(well Driller)		10

ORIGINAL

STATE ENGINEER Salem, Oregon

HARN 1331

State Well No. 26/30-9J(1)
County Harney
Application No. G 306

Water Level Record

MANTED.	JACK	TAVENNER			
Description	of measuring	point: Insid- ba		OWNER'S NO	C > \
150	·	, postere	A.77	trub.	77 WOVE
Jeve		***************************************			
Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
13-58	133.0	Final Proof Survey			3.
					,
			-		United the Association and Company of the Company o
				The state of the s	
					The state of the s
				dia.	
					and the same of
MARKS:					
			and the same of		
		State Printing	£ 89314	5.5	S S S S S S S S S S S S S S S S S S S

STATE ENGINEER Salem, Oregon

HARN 1331

State Well No. 26/30-16-17
County Harney

Application No. G 306

Water Level Record

OWNER:	JACK	TAVENNER		OWNER'S NO.	5	÷			
Description of measuring point: Lie of board Covering at LSD									
Date	Water Level Feet (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks				
5-13-58	54	Final Proof Survey							
				-34					
				-					
REMARKS:						a - Aleksand			
		State Print	ting 89314		hand do	7.			



Application for Well ID Number

Do not complete if the well already has a Well I.D Number.

I. OWNER INFORMATION Current Owner Name (please print) Mailing Address: 524 Highway 2 City, State, Zip: Hines, OR 97738 Address to send Well I.D. Tag: Sal	. Andy Root 0 North
City, blate, Pap.	
Township: 26S Tax Lot: Street Address of Well, City:	(Do not complete this section if the well report is attached.) (North/South) Range: 30E (East/West) Section: 10 County Marney 1/4 1/4 Wlavev Springs Rd, Burns, or 97120
Owner at time the well was construct	cted, (if known):
if the property had a different street	address in the past:
Use of Well (domestic, irrigation, co	RMATION (Do not complete this section if the well report is attached) Irrigation Total Well Depth: 110' Casing Diameter: 14"
SUBMITTED BY (plages print). D	enise Montgomery, All Points Engr & Surveying Inc
PHONE: 541-548-5833	enise Montgomery, All Points Engr & Surveying, Inc FAX: 541-585-4602
Send application to Oregon Water R	esoureces Department; 725 Summer St NE, Suite A; Salem, Oregon 97301-1266; fax (503) 986- d Well I.D. Numbers are mailed every Wednesday.
Received Date: 2 -20 -14	r Official Use Only by the Oregon Water Resources Department: Well Log Number: Well Identification #: HARN 133 L-114128
	DECEIVED BY OWRD

Last Update: 9/24/13

Well I.D. Number/1

FEB 20 2014

WCC

SALEM, OF

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

HARN 52457

WELL ...D. LABEL# L START CARD # ORIGINAL LOG #

	Page I of I
120011	
1028325	

(as required by ORS 537.765 & OAR 690-205-0210)	12/6/2015 ORIGINAL LOG #
(1) LAND OWNER Owner Well I.D.	
First Name ANDY Last Name ROOT	(9) LOCATION OF WELL (legal description)
Company ACW	County HARNEY Twp 26.00 S N/S Range 30.00 E E/W WM
Address 524 N HWY 20	Sec 9 SW 1/4 of the NE 1/4 Tax Lot 1200
City HINES State OR Zip 97738	Tax Map Number Lot
(2) TYPE OF WORK New Well Deepening Conversion	DMS or DD
Alteration (complete 2a & 10) Abandonment(complete 2a) PRE-ALTERATION	Tax Map Number
Dia + From To Gauge Stl Plstc Wld Thrd	Street address of well Nearest address
Casing:	28700 WEAVER SPRINGS RD BURNS OR 97720
Material From To Amt sacks/lbs	
Seal:	(10) STATIC WATER LEVEL
Rotary Air Rotary Mud Cable Auger Cable Mud	(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)
Reverse Rotary Other	Existing Well / Pre-Alteration SwE(psi) 1 SwE(ft)
Other	Completed Well 11/25/2015 127
(4) PROPOSED USE Domestic Irrigation Community	Flowing Artesian? Dry Hole?
Industrial/Commericial Livestock Dewatering	WATER BEARING ZONES Depth water was first found 127.00
Thermal Injection Other	SWL Date From To Est Flow SWL(psi) + SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (Attack	2000)
Depth of Completed Well 235.00 ft.	1 copy) 11/23/2015 127 235 1200 127
BORE HOLE SEAL	sacks/
Dia From To Material From To Amt	lbs
20 0 209 Bentonite Chips 0 52 78	S
12 209 235 Calculated 72	
Calculated	(11) WELL LOG Ground Elevation
How was seal placed: Method A B C D E	Material From To
X Other POURED DRY	sandy soil 0 5
Backfill placed from ft. to ft. Material CEMENTING B	
Filter pack from ft. to ft. Material Size	grey basalt 40 65
Explosives used: Yes Type Amount	cinders and bolders 65 110 broken basalt and brown clay 110 135
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	broken basalt and brown clay 110 135 broken basalt 135 190
Proposed Amount Actual Amount	broken grey claystone 190 202
(6) CASING/LINER	broken basalt 202 235
Casing Liner Dia + From To Gauge Stl Plstc Wld	Thrd
● 14 X 2 209 .250 ● X	
Shoe Inside Outside Other Location of shoe(s)	
Temp casing Yes Dia From To	
(7) PERFORATIONS/SCREENS	
Perforations Method Factory	D. C. Lauren
Screens Type	Date Started 10/1/2015 Completed 11/25/2015
	size (unbonded) Water Well Constructor Certification
Perf Casing 14 149 209 .093 3 3600	I certify that the work I performed on the construction, deepening, alteration, or
	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.
	License Number Date
8) WELL TESTS: Minimum testing time is 1 hour	
	Signed
	(bonded) Water Well Constructor Certification
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 1200 200 3	
200	I accept responsibility for the construction, deepening, alteration, or abandonmen work performed on this well during the construction dates reported above. All work
	performed during this time is in compliance with Oregon water supply wel
Temperature 68 °F Lab analysis Yes By	construction standards. This report is true to the best of my knowledge and belief.
Water quality concerns? Yes (describe below) TDS amount	License Number 1355 Date 12/6/2015
From To Description Amount Uni	
	Signed ARTHUR L FRY (E-filed)
	Contact Info (optional)

AMENDED 10-1-19 Page 1 of 1 WEL____.D. LABEL# L 131963 STATE OF OREGON **HARN 52774** WATER SUPPLY WELL REPORT START CARD# 1033222 (as required by ORS 537.765 & OAR 690-205-0210) 3/27/2019 ORIGINAL LOG# (1) LAND OWNER Owner Well I.D. First Name CHARLES Last Name EGGERT (9) LOCATION OF WELL (legal description) Company County HARNEY Twp 26.00 S N/S Range 30.00 E E/W WM Address 9955 SW POTANO ST Sec 9 SW 1/4 of the NE 1/4 Tax Lot 1200 State OR City TUALATIN Zip <u>97062</u> Tax Map Number ____ New Well Deepening Conversion (2) TYPE OF WORK 43.33111111 DMS or DD Alteration (complete 2a & 10) Abandonment(complete 5a) " or -119.12433333 DMS or DD (2a) PRE-ALTERATION Street address of well Nearest address Dia Gauge 55055 DOUBLE O RANCH RD PRINCETON OR Material From To Amt sacks/lbs Seal: (10) STATIC WATER LEVEL (3) DRILL METHOD Date X Rotary Air X Rotary Mud Cable Auger Cable Mud SWL(psi) SWL(ft) Existing Well / Pre-Alteration Reverse Rotary Other Completed Well 3/22/2019 Domestic X Irrigation (4) PROPOSED USE Flowing Artesian? Industrial/ Commericial Livestock Dewatering WATER BEARING ZONES Depth water was first found 143.00 Thermal Injection Other SWL Date From To Est Flow SWL(psi) + SWL(ft) (5) BORE HOLE CONSTRUCTION Special Standard (Attach copy) 3/22/2019 138 375 1000 130 Depth of Completed Well 375.00 BORE HOLE SEAL sacks/ Dia From Material From To Amt lbs 20 238 0 Bentonite Chips 30 96 12 238 Calculated 64 (11) WELL LOG Calculated Ground Elevation How was seal placed: Method A C D From To X Other POURED DRY clay Backfill placed from 30 ft. to 32 ft. Material CEMENTING BASK dry packed sand 10 __ ft. to ft. Material cinders 10 12 hard black lava 12 28 Explosives used: Yes Type_ Amount cinders 28 39 (5a) ABANDONMENT USING UNHYDRATED BENTONITE lava 85 Proposed Amount Actual Amount soft lava w cinders 85 97 claystone 138 (6) CASING/LINER black fractured claystone Dia 138 187 Casing Liner Plste Wld Thrd From To Gauge Stl tan fractured claystone 187 212 X 16 hard broken claystone 212 229 fractured basalt w broken layers 229 375 Other Inside Outside Location of shoe(s) Temp casing Yes Dia From + (7) PERFORATIONS/SCREENS Perforations Method factory Screens Type_ Material Date Started2/13/2019 _Completed 3/22/2019 Perf/ Casing/ Screen Tele/ Slot Scrn/slot # of (unbonded) Water Well Constructor Certification Screen Liner Dia From width slots pipe size length Perf Casing I certify that the work I performed on the construction, deepening, alteration, or 16 238 138 .25 4160 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. License Number 1940 Date 3/27/2019 (8) WELL TESTS: Minimum testing time is 1 hour

Signed BENJAMIN FRY (E-filed)

(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.

icense	Number 1355	Date 3/27/2019	
igned	ARTHUR FRY (E-filed)		
ontact	Info (optional)		

O Flowing Artesian

Drill stem/Pump depth Duration (hr)

Pump

Yield gal/min

Water quality concerns?

(Bailer

Drawdown

Air

Yes (describe below) TDS amount 263 Description

°F Lab analysis Yes By_