WELL I.B. LABEL# 1113426 STATE OF OREGON HARN 51987 START CARD# 1020984 WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210) 10/3/2013 ORIGINAL LOG# (I) LAND OWNER Owner Well LD. First Name ANDY Laut Mame_ROOT (9) EOCATION OF WELL (legal description) Company ACW County HARNEY Twp 22.00 S N/S Range 32.00 E E/W WM Address PO BOX 3 Sec. 36 SE 1/4 of the SE 1/4 Tax Lot 300 Tax Noap Namber (2) TYPE OF WORK X New Well Deepening Conversion Alteration (complete 2a & 10) | Ahandonment(complete 5a) DMS or DD (2a) PRE-ALTERATION (Street address of well Casing: COW CREEK RD Material Seal: (10) STATIC WATER LEVEL (3) DRILL METHOD Date SWL(psi) + SWL(ft) X Rotary Air Rotary Mud Cable Auger Cable Mud Existing Well / Pic-Alteration Reverse Rotory Other Completed Well (4) PROPOSED USE Demestic XIrrigation Community Flowing Artesion? Dry Hole? Industrial/Commercial Livestock Dewatering WATER BEARING ZONES Depth water was first found 47.00 Thermal Injection Other SWL Date To Est Flow SWL(psi) + SWL(ii) (3) BORE HOLE CONSTRUCTION Special Standard [(Attuch copy)] 9/9/2013 390 Depth of Completed Well 390.00 _ ft. BORE HOLE SEAL encks Amt_lbs From Material From To Bentonile Chips 32 4 (II) WELL LOG Ground Elevation Method A B How was seal placed: From Τo Xother POURED & TAMPED topsoil vilty loam 12 clay orown Backfill placed from ____ ____ fr. to sand brown 14 Filter pack from n. Material 16 47 day brown Explosives used: Yes Type_____ sand fine brown 120 (5a) ABANDONMENT USING UNHYDRATED BENTONITE SAND COURSE GRAVEL SMALL 140 120 1.40 Proposed Amount 145 160 gravel pumice (6) CASING/LINER 160 220 pumice grey Pisto Wid Casing Liner From Tind punice sandsione brown 220 340 $oldsymbol{\mathbb{C}}$ 14 .250 0 X 340 355 claystone blue 155 166 PERMISSES RECEIVED BY OWED claystone blue DFC 2 3 2013 Shoe Inside Outside Other Location of shoe(s) Temprosuig Ve. From _____ To . SALEM, OR (7) PERFORATIONS/SCREENS Perforations Method Screens Type Complete 9/9/2013 Date Started9/5/2013 Material # of Tele/ Perf/ Casing/Screen Seen/clat Slot (unborded) Water Well Constructor Certification Second Lines Fine within ienern pains sie 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 (Bailer () Pump (Air () Flowing Artesian (bonded) Water Well Constructor Certification Drawdown Drill stem/Pump depth Duration (hr) Yield gal/min I accept responsibility for the construction deepening, alteration, or abundanced 390 work performed on this well during the construction dutes 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. °F Lab analysis ___Yes By_ Temperature 60 License Number 1474 Date 10/3/2013 Yes (describe below) TDS amount Water quality concerns?

Signed TIMOTHY K RILEY (E-filed)

Contact info (optional)

Amount Cinirs

Description

HARN 51275

STAT	re of	OREG	ON									
WATE	R SUPI	PLY W	ELL REP	ORT					WELL I.D. #	1727	05	
	•	ORS 537.	-				_		START CARI	169	<u> 133</u>	
			ting this re	port are on	the last	page of this	form.					
(1) LA!			A	<u></u>	Weli Nu	mber		(9) LOCATION O	F WELL by legal	description:		
Name /			FOR	9111					Latitude		•	
			OX		G Or	7:-0			N or S Rang	. 33 E	E or W.	WM.
City B				State (ZIP-Y	7780	Section 30		رین ی		
(2) TYI							4	Tax Lot 300	LotBlo	ckS	ubdivision_	,
TELISEM I	Well 🗀	Decpen	ing LI Alte	ration (repai	r/recondit	ion) 🗆 Abar	Kionment	Street Address of	Veli (or nearest addre	F) 3 17 51	<u> </u>	<u> </u>
(3) DRI									reak F			
		Rotary	Mud 🗆 🤇	Cable 🗆 A	uger			(10) STATIC WAT				1 - 9
Other.									elow land surface.			/-05
(4) PRO				53				Artesian pressure _		square inch	Date	
			•	lustrial 🕦	_	M.		(11) WATER BEAJ	IING ZONES:			
Them			NSTRUC	vestock 🔲	Otner_			Depth at which water	vas first found	<u>97 `</u>		
Snecial (LE CU	mval []Ye	IIUN; KNINo Der	nth of Co	ompleted Wel	160			Estimated I	21 22-4-	- Carry
						mount		From	To			SWL
_np-0017	HOLE		·/M	SEAL	/ *I			9.7	248	40	ಲ	16
Diameter	_	To	Materia		T 0	Sacks or por	unds	<u> </u>		 		
18	0	48	Den7		 	10		l 		 		 -
<i></i>	1 =		ه دره س	at o	48	3 y d.	<u> </u>	 		}		╅┈╼┩
14	12	260			<u> </u>		<u>-</u>	<u> </u>				
	ــِــ	لبا	NA 43 .		<u> </u>			(12) WELL LOG:				
How was			Method	OA O		C DD	□ E	Gro	and Elevation			
-								Mate	rial	From	To	SWL
-	-		ft. to ft. to		Materia			Tow Soi		<u> </u>	1 67	
Gravel pl					Size of	gravel		Grave	14 City	17	35	
(6) CAS		INEK: r From		Ctani	Plantic	Welded T	Threaded	Green	A 1.		2	1
			इंश्व			D2		State	Uay	39	97	+
Committee						ā					7.	╅┈┈┪
_								1016:50	om ica			-
								2011/20	eculer	_	 	1
Liner:						ā		Basalt	36010	97	248	16
					╗	ā		Brown +	- Yellos		10	1
			c Outsid	te 🗌 None	_	_		elay st	ه سر چ			
Final loc	ation of	shoe(s)_						The state of the s	785			1
- ,			VSCREE	is:						· · · · · · · · · · · · · · · · · · ·		
	rforation	15	Method					Gre euro	BY/OW!)	1	\vdash
□ Sc	reens		Туре			terial		DECENTED.	6	248	260	16
From	To	Slot size	Number	Diameter	Tele/pij size	pe Casing	Liner		5042			
								חבר	2 3 2015			
		<u> </u>			İ			I DET			1	1
									=M OR]	
								SP	LEM, OR		1	
===								Date started 5-2	5 - A G CO	noieted Co	1-	ا د
(8) WE	LL TE	STS: N	inimun :	testing tim	e is 1 h	our Flow	ing					
☐ Pur	mp	☐ Ba	iler	SAir				(unbonded) Water Wel	l Constructor Certii k I performed on the		ration or ch	andon-
Yield (pal/min	Dn	wdewn	Drill st	etta sil	Ti		ment of this well is in co	anniance with Orego	n water supply w	ell construct	ioa
40	0			26	0	2	hr.	standards. Materials use	d and information rep	orted above are t	rue to the be	H of My
								knowledge and belief.		WWC Nu	mber	
								Signed			Date	
		. /	200	D		Farm?		(bonded) Water Well C	onstructor Certifica	tion:		
Tempera				•		Found		l accept responsibili	v for the construction	n, alteration, or a	bandonment	work
Was a wi				s By who		νω □ το	n little	performed on this well d	uring the constructio	n dates reported a	above. All wo	иk
Did any	SUBIE CO	THE W	THE BUILD SUITE		raea use Otha		o mue	performed during this tip construction standards.	ne is in compliance v This report is true to t	vith Oregon water he best of my km	r supply well owledge and	belief.
Depth of		にし		יייט:	J Onix	·			0 0 -1 4	/ JAWC Nus	mber <u>/ 5</u>	<u>Z / </u>
rehm of	10 GLE:	-						Signed Attack	KD W.K	المصا	Date <u>6 ·</u>	7-06
	 	HUL	1 % 200	16								
					S DEP	ARTMENT	FIRST	COPY - CONSTRU	CTOR SECON	ID COPY - C	USTOME	₹
	WAT	ER RE	SOURCES	DEPT					1011	7 U 4		

12-14-2011

Page 1 of 1

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

WELL LABEL # L	107662
START CARD#	1015574

(1) LAND OWNER Owner Well I.D.	(9) LOCATION OF WELL (legal description)
First Name	1 7 7 7
Company ACW	County Harney Twp 22.00 S N/S Range 33.00 E E/W WM
Address PO Box 3	
City Burns State Or Zip 97720	Tax Map Number Lot Lat ° ' "or DMS or DD
(2) TYPE OF WORK New Well Deepening Conversion	Long or DD OMS or DD Street address of well Nearest address
Alteration (repair/recondition) Abandonment	72987 Cowcreek 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)
(4) PROPOSED USE Domestic Irrigation Community	Existing Well / Predeepening Completed Well 12-14-2011
Industrial/ Commercial Livestock Dewatering	
Thermal Injection Other	
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)	WATER BEARING ZONES Depth water was first found 35
Depth of Completed Well 310.00 ft.	SWL Date From To Est Flow SWL(psi) + SWL(ft) 12-14-2011 35 310 400 - 18
BORE HOLE SEAL sacks/	12-14-2011 33 310 400 3 18
Dia From To Material From To Amt lbs	
14 0 21 Bentonite Chips 0 21 30 S	
10 21 310	
	(11) WELL LOG Ground Elevation
How was scal placed: Method A B C D E	Otodila Elevation
	Material From To Topsoil clay loam 0 1
Other poured & tamped Backfill placed from ft. to ft. Material	Clay brown 1 5
Filter pack from ft. to ft. Material Size	sand medium brown 5 14
	Clay grey 14 _ 35
Explosives used: Yes Type Amount	Gravel sand 35 65
(6) CASING/LINER	Clay green 65 120 Cinder black 120 130
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	120
<u>Q</u> 10 <u>Q</u> 2 80 250 <u>Q</u> Q Q	Pumice pink 130 140 Cinders black 140 160
	Claystone green 160 180
	Pumice pink 180 190
	Pumice grey 190 222
Shoe Inside Outside Other Location of shoe(s)	Sandstone blue green 222 310
——————————————————————————————————————	
Temp casing Yes Dia From To	
(7) PERFORATIONS/SCREENS Perforations Method	
Screens Type Material	
	L
Perf/S Casing/ Screen Scrm/slot Slot # of Tele/ creen Liner Dia From To width length slots pipe size	Date Started 12-12-2011 Completed 12-14-2011
	(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.
(O) NATED I TOPOGO BALL A COMPANY AND A COMP	_
(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)	
400 310 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 65 °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? Description Amount Units	License Number 1424 Date 12-14-2011
	Electronically Filed
DEC 2 3 2013	Signed TIMOTHY K RILEY (E-filed)
	Contact Info (optional)
ORIGINAL - WATER RESOURCES D	
THIS REPORT MUST BE SUBMITTED TO THE MATTER RESOURCES DEPARTMENT OF THE PROPERTY OF THE PROPER	IENT WITHIN 30 DAYS OF COMPLETION OF WORK
	1011/04

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



well label # L <u>93564</u>

START CARD # <u>199640</u>

Instructions for completing this report are on the last page of this form.	
(1) LAND OWNER Owner Well I.D.	(9) LOCATION OF WELL (legal description)
Company RATTLAS NAKL LANDY CATTLE CO.	County HARNEY Twp 22 N o Range 33 Dr W W.M.
Address 524 N. Huy 20	Sec 30 SW 1/4 of the SW 1/4 Tax Lot 1800
City HINK State OR Zip 97738	Tax Map Number Lot Lat " or DMS or DD
(2) TYPE OF WORK	Lat DMS or DD
Alteration (repair/recondition) Abandonment	Long DMS or DD
	Street Address of Well (or nearest address) Cow CROSE RD
(3) DRILL METHOD	
☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud	
Reverse Rotary Other	(10) STATIC WATER LEVEL
(4) PROPOSED USE Domestic Trigation Community	Date SWL(psi) + SWL (ft)
☐ Industrial/Commercial ☐ Livestock ☐ Dewatering ☐ Injection	Existing Well/Predeepening
☐ Thermal ☐ Other	Completed Well 7-23-04 65
(A) DODE HOLD CONSTRUCTION A LABOR OF THE CONSTRUCTION AND A L	Flowing Artestan? Yes Dry Hole? Yes
(5) BORE HOLE CONSTRUCTION Special Standard: Yes (attach copy)	WATER BEARING ZONES Depth water was first found
Depth of Completed Well 400 ft.	SWL Date From To Est Flow SWL (psi) + SWL (ft)
BORE HOLE SEAL	7-21-0 12 23 Som 5 5
Die From To Material From To Amount Scks/lbs	
13 0 35 BONT. 0 35 74 SWS	
19 35 118 2 118 400	
	1/150
How was seal placed: Method A B C D E	(11) WELL LOG Ground Elevation 4/50
Sther Pourso Day	Material From To
Backfill placed fromft. toft. Material	GRANDY BRN. CLAY O Y
Filter pack from ft. to ft. Material Size	SANDY BENUCLAY GRAM 4 23 SANDY BENUCLAY 23 124
Explosives used: Yes Type Amount	GRANGE-CLAM 124 129
	LIGHT GRAY PLIMICE 129 135
Cong Linr Dia + From To Gauge Steel Plastic Welded Thrd	Soct Braud Race - CLINY 135 184
Sing Lim Dia + From 10 Gauge Sicel Plastic Wedged lim	Beaux Rax 184 188
	BECOMUN CLAY 188 170 LIGHT BAGON ROCK 190 196
	DOWN BAN SANDSTONE 196 238
	LIGHTGAM PUMILE 238 270
	BROWN PHMICE 270 277
	SANDY CLAY PHMILE- SANDY 277 295
Shoe Inside Outside Other Location of shoe(s)	PHMILE- SANDY 295 317 SEFF BLACK LAND ROOK 317 32/
Temporary casing Yes Diameter From To	GRAY PUMICE 321 335
(7) PERFORATIONS/SCREENS	Date Started 7-21-08 Completed 7-23-08
Perforations Method	
Screens Type Material	(unbonded) Water Well Constructor Section I certify that the work performed on the construction, deepening, alteration, or
	abandonment the 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 being 2013
	License Number Date
	Signed SALEM, OR
(8) WELL TESTS; Minimum testing time is 1 hour	(bonded) Water Well Constructor Certification
Pump Bailer Flowing Artesian	I accept responsibility for the construction, deepening, alteration, or
	abandonment work performed on this well during the construction dates reported
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	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.
Temperature See Tabanahsia (1450)	License Number Date 7-24-08
Water quality concerns () co describe to the last of	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
From To Description Amounted Units	Signed of The Tan
AUC 1 4 2008 101 2 5 2000	Contact Info. (optional)
WATER DECOURAGE DEEM DECOMINEES DEFT	;
ORIGINAM CRESONES OSACE DEPARTMENT ONE C	OPY FOR CONSTRUCTOR ONE COPY FOR CUSTOMER
	ES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK 10/16/2006

STATE OF OREGON * WATER SUPPLY WELL REPORT

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

HARN 51475

well label #1 93564
START CARD# 199640

(1) LAND O		this report are on t	he last page of er Well I.D			
First Name		Last Name				(9) LOCATION OF WELL (legal description) County The State Two 27 Por S Range 33 Por W W.M.
Company W	MITLEANA	KK LAND	- LATTLE	س	·	Sec 30 Sw 1/4 of the Sw 1/4 Tax Lot 1800
City FIA	A A	1. Ahry 2	OR Zi	977	38	Tax Man Number
						Tax Map Number Lot Lat ° ' "or DMS or DE Long ° ' "or DMS or DE
		New Well			rsion	Long ° ' or DMS or DD
Alteration ((repair/recondit	ion) 🗆	Abandonmen	!		
(3) DRILL N	METHOD Rotary M	Mud Cable	☐ Auger [Cable M	lud	Street Address of Well (or nearest address) Cow Curry Ro
☐ Reverse Ro	otary	Other				(10) STATIC WATER LEVEL
(A) DD ODOG	CED LICE [Domestic 21	Z	1.0	:	Date SWL(psi) + SWL(ft)
Industrial/C	Commercial [Livestock []	rrigation L Dewatering	J Commun I Injection	ity	Existing Well/Predeepening
☐ Thermal		Other	Se manoring C	i injection		Completed Well
						Flowing Artesian? Tyes Dry Hole? Yes
		TRUCTION Spec	cial Standard: [] Yes (att	sch copy)	WATER BEARING ZONES Depth water was first found
Depth of Comp	pleted Well	ft.				SWL Date From To Est Flow SWL (psi) + SWL (ft)
BORF	E HOLE		SEAL			The state of the s
Dia From		Material	From To	Amoun	t Scks/lbs	
						
			L		_	(11) WELL LOG Ground Elevation
		iod 🛮 A 🔲 B		D 🗆 E		
Other						
		ft. to ft. N				- CONTINUED-
		ft. Materia				BLACK LAVA
Explosives used	d: 🔲 Yes Ty	/pe	Amount			WITH GRAY CLAY 335 400
(6) CASING	// INED					SEAMS
Cang Linr D		To Gauge	Steel Pl	etic Weld	ed Thrd	
Cang Dim D	11011	- 10 Gauge	Steel II	astic Weig	ou mu	
						DECENTAR
						RECEIVED BY OWRD
- 	-+	+			-	AUG 1 4 2000
						DEC 2 3 7013
		Other Location of				WATER RESOURCES DEPT.
Temporary casi	ing 🗌 Yes D	Diameter	From	To		
(7) PEDDOD	RATIONS/SC	PEFNS		•		Date Started Completed
erforations		KENT 140				Date Started Completed
Screens	Type		Material			(unbonded) Water Well Constructor Certification
I 1	7			I	1 = 4 4	l certify that the work I performed on the construction, deepening, alteration, of
1 1	Screen		Screen/	lot # of	Telc/	abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to
Perf Scrn Csn		From To		ngth slot		the best of my knowledge and belief,
	111					1
						License Number Date
		-			-	0:
						Signed
		mum testing time			•	(bonded) Water Well Constructor Certification
☐ Pump	☐ Bailcr	Air	☐ Flowing	Artesian		I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported
Yield gal/m	in Drawdo	wn Drill stem/P	ump depth	Duration	(hr)	above. All work performed during this time is in compliance with Oregon water
300		390	0'	2.	-	supply well construction standards. This report is true to the best of my knowledg
						and belief.
			i			1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		analysis 🔲 Yes B	у			License Number 1355 Date 7-24-08 Signed License Number 1355 Date 7-24-08
	_	es (describe below)	RE	CFI	$VF\Gamma$	Signed Chitten of the
	concerns? 🔲 Y	co (dead) the below)				
Temperature	concerns? Ye		Amou	nt \	Inits	
Nater quality o	1			. 0 =		Contact Info. (optional)
Water quality o	1		'Amou	. 0 =	2008	