STATE OF OREGON

CLAC 67911

WATER SUPPLY WELL REPORKYLES DRILLING, INC. (as required by ORS 537.765)

(1) OWNER:					
Name Umatil	la. Inc	Well Nurr	nber: 0	1	
	S Redland Rd	State C	DR Zij	97045	
(2) TYPE OF V					
		teration (repair/recor	ndition)	Abandonme	ent
(3) DRILL ME	THOD:				
X Rotary Air Other	Rotary Mud			Auger	
(4) PROPOSE	D USE:				
X Domestic Thermal	Community Injection	Livestock		Irrigation Other	
(5) BORE HOI		TION:			
• •	on approval Ves	X No Depth o	f Comp Amou	leted Well <u>361</u>	f
HOLE		SEAL		Amount	
Diameter From 11.5 0	To Mat 38 Cement	terial From w/5% 38	То	sacks or pound	s
6 38			10	9 Sacks	_
8 323	329 Bentonit	e 10	0	8 Sacks	_
6 329	361 Cement	329	323	5 Sacks	
Gravel placed from (6) CASING/LI Diameter	INER: r From To (Welded Thread	dec
Casing:6	+1.5 329	.250 X		× –	
Liner: Non			-		
Drive Shoe used		outside None			
Final location of sh	oe(s) <u>329</u>				
	TIONS/SCREEN				-
	TIONS/SCREEM	NS:			_
(7) PERFORA	TIONS/SCREEN s Method Type	vs:	CE	IVED	
(7) PERFORA	TIONS/SCREEN s Method	Diameter size		IVED Casing Liner 7 2011	
(7) PERFORA Perforation Screens	TIONS/SCREEN s Method Type Slot	Diameter size	N-1	72011	
(7) PERFORA Perforation Screens	TIONS/SCREEN s Method Type Slot	Diameter size	IN 1 IESOL	7 2011	
(7) PERFORA	TIONS/SCREEN s Method Type Slot size Number	Diameter Size	in 1 Esol Em, 0	7 2011 IRCES DEPT REGON	
(7) PERFORA Perforation Screens From To None (8) WELL TES	TIONS/SCREEN s Method Type Slot size Number	Diameter Size WATER P SAL esting time is	in 1 Esol Em, 0	7 2011	_
(7) PERFORA	TIONS/SCREEN s Method Type Slot size Number	Diameter Size	in 1 Esol Em, 0	7 2011	_
(7) PERFORA Perforation Screens From To None (8) WELL TES	TIONS/SCREEN s Method Type Slot size Number	Diameter size JU WATER F SAL esting time is X Air Drill stem at	in 1 Esol Em, 0	7 2011	_
(7) PERFORA Perforation Screens From To None (8) WELL TES Pump Yield gal/min 220	TIONS/SCREEN s Method Type Slot size Number TS: Minimum t Bailer	Diameter size JU WATER F SAL esting time is X Air Drill stem at 359	IN 1 ESOL EM, 0	7 2011 IRCES DEPT REGON r Flowing Artesia Time 1 hr.	_
(7) PERFORA Perforation Screens From To None (8) WELL TES Pump Yield gal/min	TIONS/SCREEN s Method Type Slot size Number TS: Minimum t Bailer	Diameter size JU WATER F SAL esting time is X Air Drill stem at 359 240	IN 1 ESOL EM, 0	7 2011	_
(7) PERFORA Perforation Screens From To None (8) WELL TES Pump Yield gal/min 220 75	TIONS/SCREEN s Method Type Slot size Number TS: Minimum t Bailer	Diameter size JU WATER F SAL esting time is X Air Drill stem at 359	IN 1 ESOL EM, 0	7 ZŎ11 IRCES DEPT REGON r Flowing Artesia Time 1 hr. 1/2 hr.	_
(7) PERFORA Perforation Screens From To None (8) WELL TES Pump Yield gal/min 220 75 21 Temperature of Wa	TIONS/SCREEN s Method Type Slot size Number TS: Minimum t Bailer Drawdown ater 58	Diameter size JU WATER R SAL esting time is X Air Drill stem at 359 240 200 Depth Artesian Flow	ESOL EM, O	7 ZÕ11 IRCES DEPT REGON r Flowing Artesia Time 1 br. 1/2 hr. 1/4 hr.	_
(7) PERFORA Perforation Screens From To None (8) WELL TES Pump Yield gal/min 220 75 21 Temperature of Wa Was a water analys	TIONS/SCREEN s Method	Diameter size JU WATER R SAL esting time is X Air Drill stem at 359 240 200 Depth Artesian Flow By whom Driller	ESOL EM, O 1 hou found	7 ZÕ11 IRCES DEPT REGON r Flowing Artesia Time 1 br. 1/2 hr. 1/4 hr.	_

START CARD # MOOGO26

51	ARICARD# W	206835	2
9) LOCATION OF WELL by legal County Clackamas Township 2SOUTH N or S. Range Section 34 NW Tax lot 03500 Lot Block Street Address of Well (or nearest address Oregon City, OR D	Latitude E or 2EAST E or 1/4 NW Subdiv		M. 4
10) STATIC WATER LEVEL:			
180 ft. below land surface.	Da	ite 5/16	/2011
	er square inch. Da		
11) WATER BEARING ZONES:			
Depth at which water was first found g			
Depth at which water was first found _9			
From To	Estimated Flow	v Rate	SWL
	1		9
163 189			N/A
339 361			180
12) WELL LOG: Groun	d elevation		
Material		To	SWL
Top soil, brown	0_	2	
Clay w/sand, brown packed		32	
Clay, bluish-gray sandy		40	
Sand, brown cemented	40	<u>48</u> 62	
Sand, brown packed Sand, brown cemented		68	
Sand brown w/mica	68	79	
Sand, brown w/mica & small		19	
gravels, fine		125	
Clay, gray	125	137	
Clay, gray stiff	137	163	
Sand, coarse slightly cemented			
w/wood, multicolored		189	
Clay, w/sand, gray packed	189	196	
Sand, cemented w/wood & clay,	196		
gray		199	
Sand, coarse w/wood, green	199	203	

Clay, gray sandy	203	206
Sand, gray fine	206	210
Sand, cemented w/wood & clay	, 210	
brown		218
Clay, gray sandy	218	230
Clay, gray stiff @times	230	269
Clay, gray sandy w/wood	269	297
Continued on next page		
Date started 5/5/2011	Completed 5/16/201	1

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

Signed Skyles Drilling, Inc.

WWC Number 1884 Date 5/23/2011

(bonded) Water Well Constructor Certification:

Laccept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1592 Signed Minin C. X Hand Date 5/23/2011 Skyles Drilling, Inc.

ORIGINAL - WATER RESOURCES DEPARTMENT FIRST COPY - CONSTRUCTOR SECOND COPY - CUSTOMER

WELL ID # L 105979

STATE OF OREGON WATER SUPPLY WELL REPORT

es drilleing.7mc! 503-656-2692

WELL ID # L 105979

START CARD # W206835

Page 2

		v	Vell Number:	01		(9) LOCA
Name Umatill	a, Inc					County Townshi
Address 14891 \$	Redland Rd					Section
City Oregon	City		State OR Z	ip 97045		Tax lot
(2) TYPE OF V	VORK:					Street A
New Well	Deepening A	Iteration (rep	air/recondition) 🗌 Aba	andonment	Oreg
(3) DRILL MET						(10) STA
.,	Rotary Mud	Cable		Auger		Artesian
Other			2			
						(11) WA
		Indus	trial	Irrigoti	~	Depth at
Domestic Thermal	Community Injection	Lives		Irrigation		Fr
. ,	E CONSTRUC		D			
Explosives used	n approvalYes		Depth of Com Amo		ft.	
HOLE		SEAL			nount	(40) 14/2-
Diameter From	To Ma	aterial	From To	sacks o	r pounds	(12) WEL
						Clay bl
					`	Clay, blu Claystor
						Basalt, g
						Basalt, g
	ed: Method	B	C _ D	E		fracture
Other Backfill placed from	n ft. to	ft.	Material			Basalt, g
Gravel placed from			Size of gravel			
Diameter	NER: From To	Gauge S	teel Plastic	Welded	Threaded	· · · · · · · · · · · · · · · · · · ·
Casing:	NER: From To	Gauge S	teel Plastic	Welded		
Casing:	NER: From To	Gauge S		Welded		
Liner:	From To	Gauge S		Weided		
Diameter Casing: Liner: Drive Shoe used Final location of sh	From To	Outside		Welded		
Liner:	From To	Outside		Welded		
Liner:	From To	Outside	None	Welded		
Liner:	From To	Outside	None	Welded		
Liner:	From To	Outside	None Material	Casing		
Liner: Drive Shoe used Final location of sh (7) PERFORA Screens	From To	Outside	None Material			
Liner: Drive Shoe used Final location of sh (7) PERFORA Screens	From To	Outside	None Material			WAT
Liner: Drive Shoe used Final location of sh (7) PERFORA Screens	From To	Outside	None Material			
Casing: Liner: Drive Shoe used Final location of sh (7) PERFORA Perforation Screens	From To	Outside	None Material			Date started (unbonde
Liner: Drive Shoe used Final location of sh (7) PERFORA Perforation: Screens From To	From To	Outside NS: Diameter	Material Tele/pipe size	Casing		Date started (unbonde I certify th ment of this
Liner: Drive Shoe used Final location of sh (7) PERFORA Perforation: Screens From To	From To	Outside NS: Diameter	Material Tele/pipe size	Casing		Date started (unbonde
Liner: Drive Shoe used Final location of sh (7) PERFORA Perforation Screens From To (8) WELL TES	From To	Outside NS: Diameter testing t	Material Tele/pipe size	Casing	Liner	Date started (unbonde I certify th ment of this standards. I knowledge Signed
Diameter Casing: Liner: Drive Shoe used Final location of sh (7) PERFORA Perforation Screens From To (8) WELL TES Pump	From To	Outside NS: Diameter testing t	Material Tele/pipe size	Casing	Liner	Date started (unbonde I certify th ment of this standards. I knowledge Signed
Casing: Liner: Drive Shoe used Final location of sh (7) PERFORA Perforation: Screens From To (8) WELL TES Pump	From To	Outside NS: Diameter testing t	Material Tele/pipe size	Casing	Liner	Date started (unbonde I certify th ment of this standards. I knowledge Signed Signed (bonded)
Casing: Liner: Drive Shoe used Final location of sh (7) PERFORA Perforation: Screens From To (8) WELL TES Pump	From To	Outside NS: Diameter testing t Air Drill s	Material Tele/pipe size	Casing	Liner	Date started (unbonde I certify th ment of this standards. I knowledge Signed Signed (bonded) I accept m
Casing: Liner: Drive Shoe used Final location of sh (7) PERFORA Perforation: Screens From To (8) WELL TES Pump	From To	Outside NS: Diameter testing t Air Drill s	Material Tele/pipe size	Casing Casing Flowing	Liner	Date started (unbonde I certify th ment of this standards. I knowledge Signed Signed (bonded)
Diameter Casing: Liner: Drive Shoe used Final location of sh (7) PERFORA Perforation Screens From To (8) WELL TES Pump Yield gal/min Temperature of Wa Was a water analy	From To	Outside NS: Diameter testing t Air Drill s Depth Artes By whom	Material Tele/pipe size	Casing Casing Flowing	Liner	Date started (unbonde I certify th ment of this standards. I knowledge Signed Signed (bonded) I accept re performed of

LOCAT	ION C	F WELL	by lega				
County	CI	ackamas		Latitude		Longitu	
Township	2SOU	TH N or S.	Range	2EAST		E or W. of	f WM.
Section	34	NV	V	1/4	NW		1/4
Tax lot 03	500	Lot	Blo	ck	Sub	division	
		Well (or near					۲d.
		OR					
) STATI		TER LEV				Date	
Artesian pr	essure		lb.	per square ir	nch.	Date	
) WATE	R BE	ARING Z	ONES:				
		ter was first f					
From	<u>n</u>		То	Es	timated	Flow Rate	SWL

OG:

·		
From_	То	SWL
297	316	
316	324	
324	339	
339		
	358	180
358	361	180
	297 316 324 339	297 316 316 324 324 339 339 358

Ground elevation

Date started 5/5/2011	Completed 5/16/2011
WATER RESOURCES DEPT SALEM, OREGON	
JUN 1 7 2011	
RECEIVED	
	· · · · · · · · · · · · · · · · · · ·
	······································

Vater Well Constructor Certification:

work I performed on the construction, alteration, or abandonis in compliance with Oregon water supply well construction rials used and information reported above are true to the best of my belief.

Signed Date 5/23/2011 Skyles Drilling, Inc.
(bonded) Water Well Constructor Certification: I accept responsibility for the construction, 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.
Signed Signed C. Blaud WWC Number 1592 Date 5/23/2011 Skyles Drilling, Inc.

SECOND COPY - CUSTOMER