STATE OF OREGON WATER SUPPLY WELL REPORT

UMAT 53456

102052 (START CARD) # (as required by ORS 537.765) instructions for completing this report are on the last page of this form (9) LOCATION OF WELL by legal description:

County Umatilla Latitude Well Number: (1) OWNER: Longitude CTUIR Township 2N Nor S. Range 33E E or W. of WM. Name Address P.O. BOX 638 % SE NW Section 15 State OR Zip 97801 **PENDLETON** Tax Lot N/A Subdivision City Lot Block Street Address of Well (or nearest address) (2) TYPE OF WORK: Next to RV Park, Wildhorse Gaming Resort X New Well Deepening Alteration (repair/recondition) Abandonment (10) STATIC WATER LEVEL: 62.5 ft. below land surfe Date 5/2/99 ft. below land surface. (3) DRILL METHOD: ib. per square inch. Cable Auger Artesian pressure Rotary Mud X Rotary Air Other (11) WATER BEARING ZONES: Depth at which water was first found 67 (4) PROPOSED USE: X Irrigation Industrial Domestic ☐ Community SWL Tο **Estimated Flow Rate** Livestock Other Injection Thermal 51 93 10 67 115 75+ 51 (5) BORE HOLE CONSTRUCTION: 93 51 75+ 125 Special Construction approval X Yes No Depth of Completed Well 975 ft. 115 238 150 51 228 Explosives used Yes X No Type Amount Amount HOLE (12) WELL LOG: sacks or pounds To From Material Ground elevation Diameter From 151 6+ cu. yds. **Cement Grout** 0 151 0 22" 33.5+ cu. vds **Cement Grout** 151 776 17 5/8 151 776 SWL Tο From Material 11 7/8" 776 894 Sandy top Soil 9 4 11 5/8" 894 | 975 Caliche 9 12 **Gravels & Cobbles** Semi Cemented Gravels 12 30 How was seal placed: Method A B XC DD E 50 30 Red Clay (some gravels) 50 67 Brown Clay - very sticky Other Material **Brown Clay 1st moisture WB** 67 93 51 Backfill placed from 93 115 51 Gravel placed from ft. to ft. Size of gravel Brown Conglomerate WB Large Gravels (Semi Consolidated) 115 125 51 (6) CASING/LINER: 125 130 51 Small Gravels WB Threaded 134 51 **Plastic** Welded 130 To Gauge Steel See next line Diameter From 147 .250 X X Casing: <u>20"</u> +1 Transition zone Gravels to Brown Rock X 14" +1.5 502 .375 X 134 143 51 **Broken Brown Basalt** 776 .375 X 12" X 143 155 51 502 Brown Basalt medium soft 155 162 51 **Brown Conglomerate** X 975 .365 X 162 168 51 Liner: 10" Gravels small 1/4" minus 189 51 168 **Brown Basalt with Conglomerate** 189 211 51 Final location of shoe(s) **Brown Conglomerate** 211 228 51 **Black Basalt with Olivine** (7) PERFORATIONS/SCREENS: Black Basalt Fractured WB 228 238 51 **Method Factory Slotted** 256 51 238 Black Basalt medium hard Perforations Material Stainless 256 259 51 304 Black Basalt Medium Fractured WB X Screens Type 259 306 51 Tele/pipe Black Basalt some Blue Clay Slot Line Casing 306 311 51 size Number Diamet **Brown Basalt Medium Soft** size Tο From X 790 10" pipe 3/16" Continued on next page 775 X Completed 5/3/99 screen 10" 790 820 150 pipe Date started 1/12/99 X pipe 3/16" 10 820 945 (unbonded) Water Well Constructor Certification: screen 10' pipe X .150 945 955 I certify that the work I performed on the construction, alteration, or abandonment 10" pipe 3/16" 965 955 of this well is in compliance with Oregon water supply well construction standards. 965 975 .150 screen 10" pipe (8) WELL TESTS: Winimum resting time is 1 troui Materials used and information reported above are true চি my best মাতপাৰ্ডায়েল মান Flowing belief. Bailer Air X Pump Artesian WWC Number Time Signed Drill stem at Yield gal/min Drawdown 0 (bonded) Water Well Constructor Certification: 24 hr. 35′ 900 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 \_ Depth Artesian Flow found 784/ Temperature of Water 740 construction standards. This report is true to the best of my knowledge and belief. Was a water analysis done? X Yes By whom Coffey Labs WWC Number 1385
Date 6-7-7 Did any strata contain water not suitable for intended use? Too little

Salty Muddy Odor Colored Other

Depth of strata:

Western Water Development Corporation

## STATE OF OREGON (as required by ORS 537.765)

rt	WELL ID#
	(START CARD) # 102052
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tructions for completing this report are		r:	1	9) LOCATION OF W	ELL by legal desc	ude	Long	jitude _	
1) OWNER:				(9) LOCATION OF WELL by legal description:  County Unatilla  Township 2N Nor S. Range 33E E or W. of WM.  Section 15 % % % %			VI.		
	CTUIR			45	74			-	
iress	State	Zip		ι_ι NI/Δ Ι∧ί	BIOCK				
			}	Street Address of Well (	or nearest address)				
TYPE OF WORK:  New Well Deepening Alteration	on (repair/recond	lition) Abando	nment	(10) STATIC WATER	LEVEL:		Date		
DRILL METHOD:			į	Artesian pressure	w iana siinbice.	uare inch.			
	Cable	Auger	1						
Other				(11) WATER BEAR!		7'			
PROPOSED USE:		Irrigation	į	Depui at which wastr to	<del>,</del>		4 151	Boto	SWL
Domesuc	Industrial Livestock	Other		From	To	Estimate		Raid	51'
Thermal Injection	Livestock			256'	259 ' 406 '	100			51'
BORE HOLE CONSTRUCTION	N:			401'	658'	400			51'
pecial Construction approval Yes	No Depth of C	ompleted Well	ft.	639'		1000			<u> 51</u>
pecial Construction approval res replecial Construction approval res No Type				7211	7271		+		-31
HOLE iameter From To Material	SEAL From	Amou		(12) WELL LOG:	Ground ele	vation			
ameter From 10					Material	F	rom	То	SWI
				Black Basalt Medi				373	51
				Fractured Black, E	Brown & Blue			<u> 376</u>	51
				Black Basalt Hard				401 406	51 51
				Black, Brown & Bi	roken WB		<u> </u>	<u>406</u> 456	51
low was seal placed: Method A	B C	D [ E		Black Basalt Medi	um			<del>475</del>	51
7.04				Black Basalt Hard	hurad Blue Clay			478	51
eachfill placed from ft. to	ft. Material			Black Basalt Frac Black Basalt som	ured Dide City		78	553	51
Gravel placed fromft. to	ft. Size of g	ravel		Brown Conglome	rate Broken			559	51
				See next line			559	563	51
(6) CASING/LINER:	uge   Steel F	lastic Welded	Threaded	Black Basalt Hard	l (Blue Green Cla	<u>y)</u> ,	563	582	51
Diameter From To Ga				Black Basalt & GI	reen Claystone		582	585	51
Casing:				Black Basalt Hard	<u> </u>			603	51
				Fractured Zone V	/B		803	639	51
			H	Black Basalt Very Black Basalt Frac	tured WB		639	658	51
Liner:			H	Black Basalt Med	lium Fractured		658_	670	51
	⊔			Black Basalt Han	d		670	701	51
Final location of shoe(s)				Black Basalt with	Blue & Green Cl		701 740	710 721	51 51
(7) PERFORATIONS/SCREENS	<b>3</b> :			Black Rasalt			710 721	727	51
				Broken Basalt w	th Blue Clay WB		727	752	51
Perforations Method		Vlaterial		Balck Basatt Har	d rectured Basalt		<del>752</del>	769	51
Slot		p/pipe	Liner	Black & Brown F	ractured basan		769	776	51
From To size Number	Diameter s	ize Casing		Hard Black Basa Continued on ne	ext page				
		— H		Date started	Co	mpleted			
		=			Mall Constructor Co	rtification	:		
					Well Constructor Ce			or aba	ndonme
	-ting time i	s 1 hour		Materials used and inf	ormation reported above	are true to	my bes	t knowle	edge an
(8) WELL TESTS: Minimum te	sting time i	Flowi	ng	belief.					
Pump Bailer	Air	☐ Artes	ian	· ·					
Photo-deser-	Drill stem a	t Time	•	Signed				<u>-</u>	
Yield gal/min Drawdown									
				(bonded) Water W	ell Constructor Cert	Incation:	r ahanr	donmen	st work
				l accept responsibil	ity for the construction, i	dates repo	100		
	Depth Artesian F	low found		performed during this	itime is in compliance was.  This report is true to				
Temperature of vivator	By whom			construction standard	ia. Tilla lopoit in die	W	WC N	umber_	1385
	e tot illminoon n		le	Signed		Da	ate		
☐ Salty ☐ Muddy ☐ Odor ☐	Colored 🗌 O	her		— We	stern Water Deve	opment	Corp	oratio	<u> </u>

## STATE OF OREGON NATER SUPPLY WELL REPORT

VELL	ID#
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(as required by ORS 537.765) Instructions for completing this report are on the last page of this form

102052 (START CARD) # Page 3

(1) OWNER:		Well Number:		(9) LOCATION OF W CountyUmatilla	LLL DY IEGAI CIESC Lati	cription: tudeLongit	ude
Name CTUIR	<u> </u>			Township 2N	N or S. Range 33E	E or W.	of WM.
Address	State Zip			Section 15	¼		%
	MODK:			Tax Lot N/A Lot Street Address of Well (	: Block or nearest address)		
(2) TYPE OF V	. —	Manadian /	on)				
New Well	,	Iteration (repair/reconditi	on)Abanoonment	(10) STATIC WATER	LEVEL:		
(3) DRILL ME	THOD:		_		w land surface.	Date _	
Rotary Air	Rotary Mud	Cable	Auger	Artesian pressure	lb. per sq	uare inch. Date _	
Other				(11) WATER BEARIN			
(4) PROPOSE	D USE:			Depth at which water wa	s first found 671	·	
Domestic	Community	Industrial	Irrigation	From		Estimated Flow Ra	te SWL
Thermal	Injection	Livestock	Other	784 !	786¹	35+	58'
(5) BORE HO	LE CONSTRUC	TION:		7891	797 <b>'</b> 819'	300+	58'
•			pleted Well ft.	810'		300+	58'
Explosives used   HOLE	_ Yes: _ No Ty	pe	mount	946'	953'	1000+	60'
Diameter From	To Mater		1	(12) WELL LOG:	Ground elev	ation	
					Ground eler	4001	
					laterial	From T	
				Black Basalt Broken Black Basa	+ WR	775 784 784 786	
				Black Basalt	L VVD	786 789	
				Broken Black Basa		789 797	
Other	ced: Method LA	B C D	⊔ <b>E</b>	Black & Brown Bas		797 810 810 819	
	mft. to	ft. Material		Broken Black Basal Black Basalt	t / Green WD	819 826	
·	m <u>ft</u> . to			Hard Broken Black	Basalt	826 838	58
(6) CASING/L	INER:			Reddish Purple Vol		838 845	
• •	r From To	Gauge   Steel Plasti	c Welded Threaded	Medium Hard Black Reddish Purple Vol		845 849 849 854	
Casing:				Medium Hard Gray		854 864	
				Gray & Black Basal	t w Green	864 869	58
				Broken Black, Gree		869 874	
Liner:				Broken Black Basalt Hard Black Basalt	t w Green & Rea	874 886 886 888	
				Medium Brown & B	lack Basalt	888 896	
Final location of sl	hoe(s)			Broken Black Basa	It w Green & Red	896 907	
(7) PERFORA	TIONS/SCREE	NS:		Hard Black Basalt Medium Broken Bla	ak Basalf	907 919	
Perforation	ons Method			Hard Black Basalt	KK Dasan	938 946	
Screens	Туре _	Materia	al	Broken Brown & Bl	ack Basalt WB	946 953	61
	Slot	Tele/pipe Diameter size	Casing Liner	Fractured Black Ba	salt	953 957	
From To	size Number	Digitilete: 5126		Hard Black Basalt Continued on next	nage	957 963	8 61
				Date started	Comple	eted	
		 		(unbonded) Water Wei	Constructor Cartiff	leation:	
				I certify that the work I pe			indonment
(0) 14(5) 1 75(	TO. Minimum	tanting time is 4 by		of this well is in compliance			
	_	testing time is 1 he	our — Flowing	Materials used and informa	tion reported above are	true to my best know	edge and
Pump	Bailer	Air	Artesian	belief.		WWC Number	
Yield gal/min	Drawdown	Drill stem at	Time	Signed		Date	
7,0.0 9.0.7		T					
				(bonded) Water Well C			
				l accept responsibility for	the construction, altera	tion, or abandonmen	
		Double Astronian Street		performed on this well duri performed during this time			
Temperature of W	/ater ysis done?	Depth Artesian Flow fou By whom		construction standards. The		est of my knowledge a	and belief.
Did any strata con	tain water not suitab	le for intended use?	Too little	ļ	-	WWC Number_	
Salty Muc	ddy 🗌 Odor 🔲	Colored Other		Signed	n Water Developm	Date	
Depth of strata:				vvesteri	тиант речеюрп	ieni corporatio	

## STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765)

UMAT 53456

WELL ID#	
(START CARD)#	102052

(1) OWNER:		Well Numb	er:	(9) LOCATION OF	WELL by legal of	lescription:	Longitud	e
Address	88			Township 2N Section 15		E E	or W. of	WM.
City					Lot Block	Subd	74 livision	
(2) TYPE OF	WORK:				ell (or nearest address)			
New Well	Deepening	Alteration (repair/recond	lition) Abandonment	.				
(3) DRILL ME	THOD:	_			elow land surface.		Pate	
☐ Rotary Air ☐ Other	Rotary Mud	Cable	Auger	Artesian pressure	lb. po	er square inch. [	ate	
(4) PROPOSE	D HeE.			(11) WATER BEAI		I		
Domestic	Community	Industrial	Irrigation	Depth at which water	was first found 0	7 <b>'</b>		
Thermal	Injection	Livestock	Other	From	То	Estimated Fig	w Rate	SWL
(5) BORE HO	LE CONSTRU	CTION:		963' 971'	965' 973'	1000+ 1000+		61' 62½'
			ompleted Well ft.		313	10007		023
Explosives used HOLE	Yes No	SEAL.	Amount					1
Diameter From	To Mat		To sacks or pounds	(12) WELL LOG:	Ground	elevation		
					Material	From	То	SWL
				Broken Black Basal Hard Black Basal		963 965	965 971	62 62
				Broken Black Basa	<del>-</del>	971	973	62.5
How was seal place	sed: Mathod	В С П	)   E	Hard Black Basat		973	975	62.5
Other					<del></del>	-	<del> </del>	
Backfill placed from		ft. Material _	1					
Gravel placed from		ft. Size of grav	/el				<u></u>	
(6) CASING/L								
Diamete Casing:	r From To	Gauge Steel Plas	tic Welded Threaded					
				1				
•							+	1
Liner:								
							+	
Final location of st	noe(s)							
(7) PERFORA	TIONS/SCREI	ENS:						
Perforation							<del> </del>	
Screens	Type Slot	Mate					1	
From To	size Numbe		Casing Liner				<del> </del>	-
			- 2 2				<del> </del>	
			_	Date started	Coi	mpleted		
				(unbonded) Water W	ell Constructor Ce	rtification:		
	<u> </u>			I certify that the work i				
(8) WELL TES	TS: Minimum	testing time is 1 h		of this well is in compliar  Materials used and infor	, -			
Pump	Bailer	Air	Flowing Artesian	belief.	•	•		,
Yield gal/min	Drawdown	Drill stem at	Time	Signed		WWC Num Date	ber	
riord galprimi	Dianomi		11110	Oigned		Date		
				(bonded) Water Well I accept responsibility f performed on this well do	or the construction, alt	teration, or abando		
Temperature of Was a water analy Did any strata cont	sis done? 🔲 Yes	Depth Artesian Flow for By whomble for intended use?	Too little	performed during this tim construction standards.	e is in compliance with	o Oregon water sup	ply well odge and	belief.
	dy 🗌 Odor 🔲	Colored Other		Signed	en Water David	Date		
Depth of strata:		· <del></del> ·		weste	rn Water Develo	hiueur c <b>olbol</b> s	HODE	