MARI 66947

		P	age 1 of 2
WELL I.D. LABEL# L	126661		
START CARD#	214635		
ORIGINAL LOG#			

MATER BEARING ZONES Depth water was first found 40.00		8/25	/2017	ORIGINAL LOG	#	
Company CPM DIFFE OMNETS REVERIENDS AND AND CRAVIT.					•	
Additional Double State Max Zig 99220			(9) LOCATION	N OF WELL (legal	description)	
Superior State WA Zip 99720 Tree Or Work New New December	* *		County MARION	Twp <u>8.00</u> S	N/S Range 2.0	00 W E/W WM
Casing C	Address PO BOX 3300		Sec 6 SW	1/4 of the <u>SE</u>	_ 1/4 Tax Lot	1200
Casing C	(2) TVDE OF WORK New Well Deepening Co	nversion	Tax Map Number		Lot	
Cosing:	Alteration (complete 2a & 10) Abandonment		Lat°	_'" or		DMS or DD
Cosing:	(2a) PRE-ALTERATION	(complete 3a)	Long°	_'" or		DMS or DD
Material From To Annt sacks/lbo	Dia + From To Gauge Stl Plstc Wld Thrd	I	Street a	address of well \(\)	Nearest address	
State	Casing:		4105 LANCASTER	R DR SE, SALEM		
(3) DRILL METHOD Roway Air Rotary Mod Cabble Auger Cabble Mud Reverse Rotary Other Other Other						
Reverse Rotary Other			(10) STATIC W	VATER I EVEL		
General Rotary Other Devastic Direction Devastic Irrigation Community Industrial Commercial Livestock Devastering Devast		d	(10) STATIC V		ite SWL(psi)	+ SWL(ft)
A PROPOSED USE		u	Existing Well /		S ((E(psi)	SWE(II)
MATER BEARING ZONES Depth water was first found MADD			Completed Wel			
SMC HOLE CONSTRUCTION Special Standard (Attack copy)	(4) PROPOSED USE Domestic Irrigation Communi	ity		Flowing Artesian?	Dry Hole?	
Shore Thermal Inspection Other	X Industrial/ Commericial Livestock Dewatering		WATER BEARING	ZONES Depth	water was first fo	und 40.00
(5) BORE HOLE CONSTRUCTION Depth of Completed Well 96.00 n.	Thermal Injection Other			=		
Depth of Completed Well 96.00 ft. BORE HOLE Dis From To Material From To Amt Bo 14 0 22 9.25 80 200 Calculated 18.8 How was seal placed: Method A B Calculated 18.8 How was seal placed: Method A B Calculated 18.8 Kyother POURED & PROBED Backfill placed from ft. to ft. Material Filter pack from ft. to ft. Material Filter pack from ft. to ft. Material Filter pack from ft. to ft. Material From To Material Filter pack from ft. to ft. Material From To Gauge Stl Plate Wild Thrd Cash BANDONMENT USING UNHYDRATED BENTONITE Propoed Anomat Cash from ft. to ft. Material From To Gauge Stl Plate Wild Thrd Cash ft. Material From To Gauge Stl Plate Wild Thrd Cash ft. Material From To Gauge Stl Plate Wild Thrd Cash ft. Material From To Gauge Stl Plate Wild Thrd Cash ft. Material From To Gauge Stl Plate Wild Thrd Cash ft. Material From To Gauge Stl Plate Wild Thrd Cash ft. Material From To Gauge Stl Plate Wild Thrd Cash ft. Material From To Gauge Stl Plate Wild Thrd Cash ft. Material From To To Cash ft. Wild Thrd Cash ft. Material From To To To Cash ft. Wild Thrd Cash ft. Material From To To To Cash ft. Wild Thrd Cash ft. Material From To To To Cash ft. Wild Thrd Cash ft. Material From To To To Cash ft. Wild Thrd Cash ft. Material From To To To Cash ft. Wild Thrd Cash ft. Material From To To To Cash ft. Wild Thrd Cash ft. Material From To To To Cash ft. Wild Thrd Cash ft. Material From To To To Cash ft. Wild Thrd Cash ft. Material From To To To Cash ft. Wild Thrd Cash ft. Material From To To To Cash ft. Wild Thrd Cash ft. Material From To To To Cash ft. Wild Thrd Cash ft. Material From To To To Cash ft. Wild Thrd Cash ft. Material From To	(5) RORE HOLE CONSTRUCTION Special Standard	(Attach conv	7/26/2017	40 00	20	10
BORE HOLE SEAL Sacks Sacks Trom To Material From To Annt Ibs Sacks S	` '](Attach copy	//26/2017	40 80	30	10
Dia From To Material From To Ant Ibs Ids Q 2 3 S S Valculated 1 22 Bottonian Chips Q 2 3 S S Valculated S. S Valculated Valculated S. S Valculated		sacks/	,			
10 22 80 200						
Part Power]			
How was seal placed: Method A B B C D E	10 22 00		-			
How was seal placed: Method A B X C D E X Other POURED & PROBED Backfill placed from			(11) WELL LO	G Crown d Elever		
Some Content			l' '	Glound Elevat		
Backfill placed fromfi. tofi. Material	Tother POLIRED & PROBED			пепа		
Filter pack from	_		1			
Explosives used:			<u> </u>			
Actual Amount Actual Amoun			Gravel Brown Coars	se with Clay Brown	34	42
Casing Liner Dia From To Gauge St Piste Wld Thrd Claystone Green and Gray 74 78 78 90 10 Shoc Mills Material From Material To 22						
Gave Casing Liner Dia		NITE				
Casing Liner Dia From To Gauge Stl Plstc Wild Thrift Claystone Green and Gray Table Thrift To Claystone black gritty Table To Claystone black gritty Table Tab	Proposed Amount Actual Amount					
Casing Cliner Dia	(6) CASING/LINER		1			
Shoe Inside Outside Other Location of shoe(s) 80						
Sandstone gray soft 150 167 185 Sandstone gray soft 167 Sand & claystone soft 185 200 Sandstone muddy to claystone soft 185 200 Sandstone muddy to claystone soft 185 Sandstone muddy to claystone s		∤	, ,	*		
Shoe X Inside Outside Other Location of shoe(s) 80 Temp casing Yes Dia 14 From + X 1 To 22 (7) PERFORATIONS/SCREENS Perforations Method Holte Perforator Screens Type		$\forall H H$				
Shoe X Inside Outside Other Location of shoe(s) 80 Temp casing X Yes Dia 14 From + X 1 To 22 (7) PERFORATIONS/SCREENS Perforations Method Holte Perforator Screen Type Material Perf Casing Screen Screen Sorgen Screen Sorgen Screen Sorgen Screen Sorgen Sorgen Liner Dia From To width length slots pipe size Perf Casing 10 40 80 .25 1 1280 Perf Casing 10 40 80 .25 1 1280		∮H H				
Shoe Inside						
Temp casing Yes Dia 14 From + 1 To 22 (7) PERFORATIONS/SCREENS Perforations Method Holte Perforator Screen Type	Shoe X Inside Outside Other Location of shoe(s)	80	Buildstolle muddy to	ciaystone sort	100	200
Perforations Method Holte Perforator						
Perforations Method Holte Perforator Screen Screen Type Material Perf Casing Screen Liner Dia From To width length slots pipe size Perf Casing 10 40 80 .25 1 1280 Perf Casing 10 40 80 .25 1 1280 Completed 7/27/2017 Completed 7/27/2017						
Screen Stype	Perforations Method Holte Perforator					
Perf Casing Screen Scrn/slot Slot # of Tele/ Screen Liner Dia From To width length slots pipe size			Date Started7/24	/2017 Cor	mpleted 7/27/2	017
Perf Casing 10 40 80 .25 1 1280	Perf/ Casing/ Screen Scrn/slot Slot # of			·	-	
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 Signed Sig			1 '			manina altanation on
(8) WELL TESTS: Minimum testing time is 1 hour Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Bailer Book Book Book Book Book Book Book Boo	Perf Casing 10 40 80 .25 1 12	.80				
the best of my knowledge and belief. License Number Date Signed Signed Signe						
(8) WELL TESTS: Minimum testing time is 1 hour Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 20 80 1 Temperature 56 °F Lab analysis Yes By Water quality concerns? Yes (describe below) TDS amount 111 ppm From To Description Amount Units Signed (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. License Number 1394 Date 8/25/2017 Signed EUGENE MACK (E-filed)					-	
Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 20 80 1 30 70 80 1 Temperature 56 °F Lab analysis Yes By Water quality concerns? Yes (describe below) TDS amount 111 ppm From To Description Amount Units Signed (bonded) Water Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or abandonmer 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 1394 Date 8/25/2017 Signed EUGENE MACK (E-filed)			License Number		Date	
Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 20 80 1 30 70 80 1 Temperature 56 °F Lab analysis Yes By Water quality concerns? Yes (describe below) TDS amount 111 ppm From To Description Amount Units Signed (bonded) Water Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or abandonmer 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 1394 Date 8/25/2017 Signed EUGENE MACK (E-filed)	(8) WELL TESTS: Minimum testing time is 1 hour					
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 20 80 1 30 70 80 1 Temperature 56 °F Lab analysis Yes By Water quality concerns? From To Description Amount Units Water Quality concerns? Signed EUGENE MACK (E-filed) (bonded) Water Well Constructor Certification 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 well construction standards. This report is true to the best of my knowledge and belief. License Number 1394 Date 8/25/2017 Signed EUGENE MACK (E-filed)		Artesian	Signed			
Temperature 56 °F Lab analysis Yes By Water quality concerns? From To Description Amount Units Temperature 56			(bonded) Water W	ell Constructor Certific	ation	
30 70 80 1 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. Water quality concerns? Yes (describe below) TDS amount 111 ppm			I accept responsibil	ity for the construction,	deepening, alter	ation, or abandonmen
Temperature 56 °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 111 ppm Prom To Description Amount Units Signed EUGENE MACK (E-filed)	30 70 80 1		work performed on	this well during the cons	truction dates rep	orted above. All worl
Water quality concerns? Yes (describe below) TDS amount 111 ppm License Number 1394 Date 8/25/2017			performed during t	this time is in complia	nce with Oregon	n water supply wel
Water quality concerns?	Temperature 56 °F Lab analysis Yes By		construction standar	ds. This report is true to	the best of my kr	owledge and belief.
Signed <u>EUGENE MACK (E-filed)</u>			License Number 13	394	Date 8/25/2017	
	From To Description Amoun	t Units	Signed Francis			
Contact into (optional) Mack Drilling Company, Inc.				· · · · · · · · · · · · · · · · · · ·	any Inc	
			Contact Into (option	iai) wack Drilling Comp	oany, mc.	

WATER SUPPLY WELL REPORT -	
continuation page	

MARI 66947

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WELL I.D. LABEL# L	126661	
START CARD#	214635	
ORIGINAL LOG#		

continuation page	8/25/2017	ORIGINAL L	OG #	
2a) PRE-ALTERATION	Water Quality C	oncerns		
Dia + From To Gauge Stl Plstc Wld Thrd	From To	Descrip	ption A	mount Units
Material From To Amt sacks/lbs			-	
5) BORE HOLE CONSTRUCTION	(10) STATIC W	ATER LEVEL		
DODE HOLE CEAL	SWL Date Fr	om To	Est Flow SWL(p	osi) + SWL(ft)
Dia From To Material From To Amt lbs				
Calculated				
Calculated				
Calculated			+ +	
Calculated				
Calculated			+ + -	_
FILTER PACK	(11) WELL LO	7		
From To Material Size	(11) WELL LOC			
	M	aterial	From	n To
6) CASING/LINER				
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd				
A DEDEOD A TIONG/CODEENIC				
7) PERFORATIONS/SCREENS				
Perf/ Casing/Screen Scren/Slot Slot # of Tele/ Screen Liner Dia From To width length slots pipe size	,			
Server Emer Six Tron To width length store pipe six				
	1			
	1			<u> </u>
	Comments/Ren	narks		
	Hole caved back to		rformed by Michael	Allendorfer.
(8) WELL TESTS: Minimum testing time is 1 hour	Trainee #8888803	P-	,	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)				